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- Acheson, Louis K., to The Hoover Co. Suction nozzle with suction powered agitator. 2,825,925, 3-11-58, Cl. 15-354.
- Achilles, Franz R. Method of manufacturing shaped propellers. 2,852,359, 9-16-58, Cl. 52-5.
- Achler, Maurice E., and A. H. Milstine, $\frac{1}{2}$ to H. Shapiro. Vertical Venetian blind. 2,827,956, 3-25-58, Cl. 160-172.
- Achler, Maurice E., and A. H. Milstine, $\frac{1}{2}$ to H. Shapiro. Venetian blind construction. 2,828,817, 4-1-58, Cl. 160-168.
- Achler, Maurice E., and A. H. Milstine, $\frac{2}{3}$ to H. Shapiro. Vertical Venetian blind construction. 2,844,199, 7-22-58, Cl. 160-173.
- Achler, Maurice E., and A. H. Milstine, $\frac{1}{2}$ to H. Shapiro. Vertical slat blind. 2,849,063, 8-26-58, Cl. 160-177.
- Achtellik, Gerard J.: *See*—
- Constable, James M., and Achtellik. 2,833,932.
- Achuff, George W., and C. W. Neff, to Achuff Railway Supply Co. Protective apparatus for hot boxes. 2,859,069, 11-4-58, Cl. 308-1.
- Achuff Railway Supply Co.: *See*—
- Achuff, George W., and Neff. 2,859,069.
- Aciego, Alfonso B. Adapter head for tool handle. 2,833,032, 5-6-58, Cl. 30-1.
- Aciego, Alfonso B. Combination sheath and tool holder for knife blade. 2,833,036, 5-6-58, Cl. 30-299.
- Aciego, Alfonso B. Cutting tool. 2,845,706, 8-5-58, Cl. 30-346.
- Acierno, Carmine, $\frac{1}{2}$ to S. Tropea. Speed indicator. 2,833,877, 5-6-58, Cl. 200-56.
- Ackell, Joseph J., to Dow Jones & Co., Inc. High speed control system for line casting machines. 2,846,055, 8-5-58, Cl. 199-18.
- Acken, Marshall F.: *See*—
- Overholt, Donald C., Peterson, and Acken. 2,852,419.
- Acker, Donald S., to E. I. du Pont de Nemours and Co. Purine derivatives. 2,844,577, 7-22-58, Cl. 260-254.
- Acker, Donald S., to E. I. du Pont de Nemours and Co. Pyrimidine derivatives. 2,844,578, 7-22-58, Cl. 260-256,5.
- Acker, Douglas B., to Timpte Bros., Inc. Locking and adjusting device for trailer bogies. 2,835,504, 5-20-58, Cl. 280-81.
- Acker, Ellsworth G.: *See*—
- Gammill, Adrian M., and Acker. 2,819,491.
- Acker, Ellsworth G., and L. O. Young, to W. R. Grace & Co. Non-caking flattening agent for varnishes. 2,858,284, 10-28-58, Cl. 260-19.
- Acker, Norbert K. Phonograph record player. 2,865,638, 12-23-58, Cl. 274-10.
- Ackeren, Paul V., to Koppers Co., Inc. Rotary grate gas producer. 2,852,357, 9-16-58, Cl. 48-66.
- Ackeret, Jakob, and C. Keller, to Aktiengesellschaft Fuer Technische Studien. Dual unit jet propulsion plant for aircraft. 2,820,599, 1-21-58, Cl. 244-15.
- Ackerman, Arthur H., Jr. Dispensing apparatus. 2,844,284, 7-22-58, Cl. 222-139.
- Ackerman, Benson F., and J. Geiger, to Columbia Broadcasting System, Inc. Electronic switch. 2,863,051, 12-2-58, Cl. 250-27.
- Ackerman, Charles M.: *See*—
- Beauvais, Rene G., Neill, and Ackerman. 2,855,165.
- Ackerman, Chester W., to L. W. Fierbaugh, D. S. Webster, and W. F. Rice. Fishing pole illuminating device. 2,863,251, 12-9-58, Cl. 43-17.
- Ackerman, Frank P. Stuffing box for oil wells with blow-out preventer. 2,839,318, 6-17-58, Cl. 286-34.
- Ackerman, Harold S., to J. F. Baier. Midget gas fired hot water boiler. 2,841,124, 7-1-58, Cl. 122-214.
- Ackerman, Hervey W., Jr., to E. I. du Pont de Nemours and Co. Regenerated cellulose packaging materials and process of making same. 2,819,984, 1-14-58, Cl. 117-76.
- Ackerman, Joseph I., Jr., P. B. Edwards, R. M. Smith, C. F. Brundage, and M. Dwyer, to United States of America, Navy. Ejection device. 2,845,002, 7-29-58, Cl. 89-1.
- Ackerman, Paul I. Coupling for piping sections. 2,847,237, 8-12-58, Cl. 287-54.
- Ackermann, Edward L., G. R. Buck, F. H. Miles, Jr., and H. C. Will, to United States of America, Army. Crates for packaging ammunition. 2,835,881, 5-20-58, Cl. 206-65.
- Ackermann, Franz: *See*—
- Duennenberger, Max, Ackermann, and Siegrist. 2,842,545.
- Siegrist, Adolf E., and Ackermann. 2,828,317.
- Siegrist, Adolf E., and Ackermann. 2,845,419.
- Ackermann, Franz, to Ciba Ltd. Water-soluble salts of derivatives of 4:4'-diaminostilbene-2:2'-disulfonic acid for enhancing the brightness of organic fibrous material. 2,846,397, 8-5-58, Cl. 252-89.
- Ackermann, Hans: *See*—
- Schetty, Guido, Ackermann, and Beffa. 2,829,140.
- Ackermann, Hans, to J. R. Geigy A.-G. Metallisable azo dyestuffs and complex heavy metal compounds thereof. 2,822,360, 2-4-58, Cl. 260-151.
- Ackermann, Hans, and G. Schetty, to J. R. Geigy, A. G. Azo dyestuffs. 2,824,094, 2-18-58, Cl. 260-146.
- Ackermann, Hans, and G. Schetty, to J. R. Geigy, A.-G. Complex chromium compounds of metallisable monoazo dyestuffs. 2,830,980, 4-15-58, Cl. 260-147.
- Ackermann, Hans, and G. Schetty, to J. R. Geigy, A. G. Metallisable monoazo dyestuffs and complex heavy metal compounds thereof. 2,855,394, 10-7-58, Cl. 260-149.
- Ackermann, Otto: *See*—
- Beck, Edward F. W., and Ackermann. 2,858,476.
- Ackermann, Paul: *See*—
- Köbel, Herbert, and Ackermann. 2,853,369.
- Ackers, Harry, to BTR Industries Ltd., and Rownson Drew & Clydesdale Ltd. Flexible conveyor belts. 2,839,180, 6-17-58, Cl. 198-201.
- Ackert, Rudolf, and K. Klaeb. Oscillating sieves, screens or the like. 2,837,210, 6-3-58, Cl. 209-400.
- Ackles, Virgil E. Machine for glazing doughnuts and the like. 2,854,945, 10-7-58, Cl. 118-16.
- Ackles, Virgil E. Means for delivering bodies of raw dough to a body of hot fat in a dough frying machine. 2,863,379, 12-9-58, Cl. 99-405.
- Ackley, Amos, to R. W. Hartnett Co. Pellet marking machine. 2,859,689, 11-11-58, Cl. 101-35.
- Ackley, Edward M., to R. W. Hartnett Co. Method of making a curved die. 2,863,337, 12-9-58, Cl. 76-107.
- Ackley, Richard E., to Kiekhaefer Corp. Machine for injecting sand into core molds. 2,842,815, 7-15-58, Cl. 22-10.
- Ackwe Mfg. Co., Inc.: *See*—
- Weber, Albert. 2,865,512.
- Acme Appliance Mfg. Co.: *See*—
- Preston, Don F. 2,833,346.
- Acme Brick Co.: *See*—
- Slaughter, Gibbs M. 2,859,716.
- Acme Hosiery Mills, Inc.: *See*—
- Carden, Warner L. 2,858,764.

- Acme Industries, Inc.: *See*—
Smith, Lewis R., and Ambrose. 2,847,192.
- Acme-Newport Steel Co.: *See*—
Somers, Richard I., and Petry. 2,859,145.
- Acme Precision Products, Inc.: *See*—
Snow, John E. 2,859,928.
- Acme Steel Co.: *See*—
Black, Donald E., Collins, Wognum, and Ott. 2,831,422.
Dahm, John W. 2,858,038.
Falck-Pedersen, Kjell A. 2,831,380.
Hall, Marchand B. 2,833,489.
Hall, Marchand B. 2,864,582.
Hall, Marchand B., and Winkler. 2,853,938.
Michelet, Charles J., Caveney, and Robinson. 2,849,066.
Pachter, John J. 2,833,170.
Reed, George H. 2,861,269.
Reed, George H., and Porcelli. 2,839,753.
Stanislaus, Godfrey. 2,854,056.
Straits, Ernest J. 2,837,392.
Thornberry, James M., and Modjeski. 2,832,243.
Winkler, Alvin L., and Wognum. 2,846,218.
- Acme Visible Records, Inc.: *See*—
Deinlein, Victor E., and Anderson. 2,832,712.
Gray, Walter W. 2,823,582.
Houghton, Harry W. 2,832,350.
Tod, Allan H. 2,841,066.
Watson, William J. 2,823,536.
- Acorn Engineering Co.: *See*—
Morris, Earl L. 2,825,909.
- Acosta, Jorge A. Separating conditioner. 2,843,270, 7-15-58, Cl. 210—525.
- Acosta, Narcisse M. Awning assembly. 2,844,851, 7-29-58, Cl. 20—57.5.
- Acosta, Tracy. Fruit juicing apparatus. 2,848,026, 8-19-58, Cl. 146—3.
- Acra Electric Corp.: *See*—
Browne, Donald W. 2,824,199.
- Acrometal Products, Inc.: *See*—
Steinback, Clarence I. 2,828,090.
- Acrow (Engineers) Ltd.: *See*—
Crook, Eric G. B. 2,849,258.
- Action Devices, Inc.: *See*—
Warren, William W. 2,828,562.
Warren, William W. 2,850,821.
- Acton, John R., and K. H. Westley, to Ericsson Telephones Ltd. Gaseous electric discharge devices. 2,862,133, 11-25-58, Cl. 313—178.
- Acton Laboratories, Inc.: *See*—
Altieri, Joseph R. 2,857,531.
Graustein, Walter W., Jr. 2,863,117.
MacLaren, Frederick B. 2,850,606.
Mairs, William J. 2,862,088.
Mairs, William J. 2,862,089.
Pihl, George E. 2,847,640.
Pihl, George E. 2,850,698.
Pihl, George E. 2,863,118.
- Acton Mfg. Co., Inc.: *See*—
Racklyeft, Carl E. 2,846,138.
- Ada Metal Products, Inc.: *See*—
Barkules, Andrew P. 2,828,175.
- Adacusky, Joseph W.: *See*—
Buechele, Walter E., and Adacusky. 2,855,308.
- Adair, Robert V., L. O. Carlsen, and E. D. Dammert, to The Gleason Works. Rolling quench machine. 2,834,592, 5-13-58, Cl. 266—6.
- Adair, Robert V., and E. D. Dammert, to The Gleason Works. Quench hardening method and machine. 2,860,077, 11-11-58, Cl. 148—12.4.
- Adakonis, Albert E.: *See*—
Pinsky, Jules, Adakonis, and Nielsen. 2,830,721.
Pinsky, Jules, Adakonis, and Nielsen. 2,836,318.
Pinsky, Jules, Adakonis, and Nielsen. 2,836,319.
- Adalia Ltd.: *See*—
Johnston, Robert F. 2,857,969.
- Adam, Folger. Jail locking devices, and the like. 2,841,252, 7-1-58, Cl. 189—7.
- Adam, Folger. Jail locking devices and the like. 2,853,291, 9-23-58, Cl. 268—53.
- Adam, Frank, Electric Co.: *See*—
Hercules, Lester A. 2,862,995.
Hercules, Lester A. 2,863,016.
Lewis, Harold A. 2,837,711.
- Adam, William, Jr., deceased; E. A. Gunkinger, executor of said Adam, to Ajax Electric Co. Quenching apparatus for metals. 2,851,263, 9-9-58, Cl. 266—6.
- Adamant Engineering Co. Ltd.: *See*—
Parkes, Philip G. 2,829,624.
- Adamec, John B.: *See*—
Ellis, John L., Knox, Adamec, and Goetzel. 2,843,501.
Goetzel, Claus G., Adamec, Knox, and Ellis. 2,827,874.
- Adamic, John J., and C. P. Pettigrew, to United States Steel Corp. Wheel-operated counting mechanism. 2,819,842, 1-14-58, Cl. 235—98.
- Adams, Andrew C. Slashers. 2,849,784, 9-2-58, Cl. 28—28.
- Adams, Andrew C., to Saco-Lowell Shops. Wet-splitting hot air dryer. 2,851,763, 9-15-58, Cl. 28—28.
- Adams, Andrew V. Wagon hoist apparatus. 2,843,423, 7-15-58, Cl. 298—22.
- Adams, Archie D.: *See*—
Warner, Paul F., and Adams. 2,839,560.
- Adams, Arthur, and R. Slack, to May & Baker Ltd. Isothiazole compounds. 2,839,529, 6-17-58, Cl. 260—239.95.
- Adams, Arthur R., to The Safe Padlock and Hardware Co. Sliding door lock. 2,841,431, 7-1-58, Cl. 292—17.
- Adams, Benjamin H., H. Frahm, and W. R. McGee, to the United States of America as represented by the Secretary of War. Protective preparation against mustard vapor. 2,824,070, 2-18-58, Cl. 252—182.
- Adams, Cecil E., to American Brake Shoe Co. Pressure differential indicator. 2,832,221, 4-29-58, Cl. 73—419.
- Adams, Cecil E., and Y. H. Sun, to American Brake Shoe Co. Fluid pressure energy translating device. 2,820,417, 1-21-58, Cl. 103—136.
- Adams, Cecil E., and W. E. Eschliman, to American Brake Shoe Co. Vane pump. 2,832,199, 4-29-58, Cl. 60—97.
- Adams, Cecil E., and Y. H. Sun, to American Brake Shoe Co. Vane pump. 2,832,293, 4-29-58, Cl. 103—136.
- Adams, Cecil E., and J. R. English, to American Brake Shoe Co. Vane for use in a rotary fluid apparatus. 2,856,861, 10-21-58, Cl. 103—136.
- Adams, Charles A. Impact crusher. 2,844,331, 7-22-58, Cl. 241—275.
- Adams, Charles J., and R. A. Brown, to General Electric Co. Magnetic control apparatus. 2,856,545, 10-14-58, Cl. 307—106.
- Adams, Clark E., and C. N. Kimberlin, Jr., to Esso Research and Engineering Co. Treating hydrocarbon oils with inert solids and gaseous halogen containing compounds. 2,859,174, 11-4-58, Cl. 208—114.
- Adams, Clyde S., M. J. Cormack, and M. L. Frazier, to The National Cash Register Co. N-halophenyl derivatives of leucauramine. 2,828,341, 3-25-58, Cl. 260—570.
- Adams, Clyde S., and M. J. Cormack, to The National Cash Register Co. N-(alkylhalophenyl) derivatives of leucauramine. 2,828,342, 3-25-58, Cl. 260—570.
- Adams, Daniel M., to General Motors Corp. Switch mechanism. 2,823,272, 2-11-58, Cl. 200—6.
- Adams, Daniel M., to General Motors Corp. Motor vehicle fender and headlamp assembly. 2,831,961, 4-22-58, Cl. 240—8.1.
- Adams, Daniel M., and C. P. Roth, to General Motors Corp. Windshield wiper transmission. 2,837,758, 6-10-58, Cl. 15—253.
- Adams, Dolor N.: *See*—
Wood, William H., and Adams. 2,830,536.
- Adams, Dorothy E., and L. J. Brown. Children's safety device. 2,826,246, 3-11-58, Cl. 155—189.
- Adams, E. A., & Son, Inc.: *See*—
Kettell, Philip E., and Evans. 2,853,761.
- Adams, Edmond, W. M. Hubbard, and A. M. Syeles, to the United States of America as represented by the Secretary of the Navy. Permanent magnet and process for making same. 2,825,670, 3-4-58, Cl. 148—103.
- Adams, Edmond, A. M. Syeles, and W. M. Hubbard, to United States of America, Navy. Magnetic flake core and method of preparation. 2,864,734, 12-16-58, Cl. 148—104.
- Adams, Ernest C. Valve control device. 2,828,768, 4-1-58, Cl. 137—630.16.
- Adams, Frances W. Spiral bindery table. 2,841,291, 7-1-58, Cl. 211—134.
- Adams, Francis V., to International Business Machines Corp. Drum storage look-up device. 2,847,658, 8-12-58, Cl. 340—174.
- Adams, Franklin L., to Bendix Aviation Corp. Pulse counter. 2,836,360, 5-27-58, Cl. 235—92.
- Adams, Frederic H.: *See*—
Hardy, William B., and Adams. 2,863,866.
Scalera, Mario, Adams, and Hardy. 2,830,028.
- Adams, Frederic H., to American Cyanamid Co. Preparation of cellular products containing organic sulfonyl azides and composition thereof. 2,830,029, 4-8-58, Cl. 260—2.5.
- Adams, George L.: *See*—
McCarthy, Vincent J., and Adams. 2,864,601.
Mullet, Leslie B., Loach, and Adams. 2,840,788.
- Adams, George S., Jr., to General Dynamics Corp. Bonding press. 2,863,491, 12-9-58, Cl. 154—1.
- Adams, Harold E., to Nash Engineering Co. Aircraft fuel pumps. 2,850,983, 9-9-58, Cl. 103—113.
- Adams, Harry M., to United States of America, Navy. Article accumulator. 2,858,010, 10-28-58, Cl. 198—40.
- Adams, Horace B. Insulating frame construction. 2,839,789, 6-24-58, Cl. 20—4.
- Adams, Howard R., and M. Cherkas, to Merck & Co., Inc. Gelatin pan coating. 2,853,421, 9-23-58, Cl. 167—82.
- Adams, Irma O.: *See*—
Adams, Robert C. and I. O. 2,847,217.
- Adams, Joe R. Helmet having a bifurcated cross-braced face guard. 2,850,740, 9-9-58, Cl. 2—9.
- Adams, John E., to Sylvania Electric Products Inc. Drive circuit for counting tubes. 2,845,578, 7-29-58, Cl. 315—84.6.
- Adams, John E., to Sylvania Electric Products Inc. Glow transfer tube driving circuit. 2,849,655, 8-26-58, Cl. 315—84.6.
- Adams, John E., to Sylvania Electric Products Inc. Gate reset circuit. 2,864,034, 12-9-58, Cl. 315—84.6.
- Adams, John F.: *See*—
Frost, Randolph R., and Adams. 2,862,187.
- Adams, John N.: *See*—
Jean, James W. 2,864,675.

- Adams, John Q., to Becton, Dickinson and Co. Syringe and hub locking assembly. 2,834,346, 5-13-58, Cl. 128-218.
- Adams, John Q., to Becton, Dickinson and Co. Transfusion needle sheath. 2,847,995, 8-19-58, Cl. 128-214.
- Adams, John R., to Cline Electric Mfg. Co. Spray gun. 2,864,649, 12-16-58, Cl. 299-140.1.
- Adams, L., Ltd.: *See*—
- Voss, Waldemar E. 2,823,543.
- Adams, L. S., Engineering Co.: *See*—
- Smith, Edward W. 2,858,689.
- Adams, Loyd W., and R. K. Simms, to Phillips Petroleum Co. Storage of ammonia in aqueous solution. 2,855,278, 10-7-58, Cl. 23-193.
- Adams, Max M., to Phillips Petroleum Co. Detonation meter pickup. 2,838,697, 6-10-58, Cl. 310-15.
- Adams-Millis Corp.: *See*—
- Bowman, Wade V., and Bell. 2,838,217.
- Adams, Monte E. Cultivating and weeding implements. 2,864,297, 12-16-58, Cl. 97-68.
- Adams, Orlando P., to United States Steel Corp. Apparatus for testing tubular members. 2,849,878, 9-2-58, Cl. 73-88.
- Adams, Paul R.: *See*—
- Busignies, Henri G., Adams, Deschamps, and Rogoff. 2,866,900.
- Pickles, Sidney B., Adams, and Lucanera. 2,836,820.
- Adams, Paul R., and R. I. Colin, to International Telephone and Telegraph Corp. Aircraft radio navigation system. 2,836,815, 5-27-58, Cl. 343-106.
- Adams, Phillip: *See*—
- Beinfest, Sidney, Adams, and Halpern. 2,837,560.
- Beinfest, Sidney, Adams, and Halpern. 2,837,561.
- Beinfest, Sidney, Halpern, Gister, Adams, and Zelkind. 2,857,681.
- Adams, Pierrepont: *See*—
- Dudley, James R., and Adams. 2,829,119.
- Wohnsiedler, Henry F., and Adams. 2,864,861.
- Adams, Ray D., and A. G. Ahre. Disposable shoe polishing kit. 2,864,118, 12-16-58, Cl. 15-258.
- Adams, Revilo J. Dough twisting machine. 2,857,859, 10-28-58, Cl. 107-8.
- Adams, Richard F.: *See*—
- Heuer, Charles A., and Adams. 2,822,151.
- Adams, Richard F., to Olin Mathieson Chemical Corp. Heat exchanger. 2,856,162, 10-14-58, Cl. 257-244.
- Adams, Richard F., to Olin Mathieson Chemical Corp. Heat exchanger. 2,856,164, 10-14-58, Cl. 257-256.
- Adams, Richard F., to Olin Mathieson Chemical Corp. Fabrication of hollow articles. 2,859,509, 11-11-58, Cl. 29-157.3.
- Adams, Richard O.: *See*—
- Forster, Eric O., and Adams. 2,859,178.
- Adams Rite Mfg. Co.: *See*—
- Eads, Charles L. 2,854,234.
- Eads, Charles L. 2,854,839.
- Adams, Robert C. and I. O. Jumping device. 2,847,217, 8-12-58, Cl. 272-57.
- Adams, Robert E., to Gifford-Wood Co. Vibrating conveyer mounting structure. 2,854,130, 9-30-58, Cl. 198-220.
- Adams, Robert P., to Minneapolis-Honeywell Regulator Co. Electrical oscillator circuit. 2,849,611, 8-26-58, Cl. 250-36.
- Adams, Robert T., to International Telephone and Telegraph Corp. Multichannel signal system. 2,855,462, 10-7-58, Cl. 179-15.
- Adams, Robert T., to International Telephone and Telegraph Corp. Aircraft navigation receiver circuits. 2,864,011, 12-9-58, Cl. 307-149.
- Adams, Robert T., and R. E. Altoonian, to International Telephone and Telegraph Corp. Microstrip switch. 2,842,637, 7-8-58, Cl. 200-104.
- Adams, Roy M.: *See*—
- Hull, George F., McElroy, and Adams. 2,855,353.
- Adams, Roy M., and S. G. McGriff, to Callery Chemical Co. Preparation of alkali metals. 2,852,363, 9-16-58, Cl. 75-66.
- Adams, S. S., Co.: *See*—
- Brennan, George A. 2,836,931.
- Adams, Seth R., to Industrial Rayon Corp. Method for the preparation of polyamides. 2,820,770, 1-21-58, Cl. 260-23.
- Adams, Walter, to Western Electric Co., Inc. Method of testing electrical devices. 2,840,784, 6-24-58, Cl. 324-158.
- Adams, William E., L. W. Faulkner, Jr., W. C. Kleinfelder, and H. E. Pawel, to Bell Telephone Laboratories, Inc. Method and means for making joints in insulated conductors. 2,828,353, 3-25-58, Cl. 174-87.
- Adams, William F. Trimmer device. 2,826,160, 3-11-58, Cl. 112-252.
- Adams, William H., to Northrop Aircraft, Inc. Thermal flowmeter. 2,859,617, 11-11-58, Cl. 73-204.
- Adams, William J., Jr.: *See*—
- Peterson, Merle H., Adams, and Engnell. 2,827,842.
- Adams, William J., and E. R. Fryer, to General Motors Corp. Hydraulic power unit for tractors equipped with power steering and power operated implements. 2,857,009, 10-21-58, Cl. 180-53.
- Adamson, Arthur P., and F. B. Woestemeyer, to General Electric Co. Acceleration responsive device. 2,859,026, 11-4-58, Cl. 264-1.
- Adamson, Arthur W.: *See*—
- Boyd, George E., Adamson, Schubert, and Russell. 2,855,269.
- Russell, Edwin R., Adamson, Schubert, and Boyd. 2,859,093.
- Adamson, Bently L. Vegetable slicing machine. 2,827,938, 3-25-58, Cl. 146-78.
- Adamson, Harley W. Automatic take-up device. 2,837,292, 6-3-58, Cl. 242-47.5.
- Adamson, John P. Multi-use fishing plug. 2,853,825, 9-30-58, Cl. 43-42.15.
- Adamson, Joseph, & Co.: *See*—
- Burrows, Stanley. 2,852,630.
- Adamson, Robert G., to United States of America, Navy. Synthetic ground track indicator. 2,832,954, 4-29-58, Cl. 343-17.1.
- Adamson-United Co.: *See*—
- Seanor, Rex C. 2,861,435.
- Stratton, Edgar H. 2,820,250.
- Adapto, Inc.: *See*—
- Hudson, Gilbert. 2,818,864.
- Adcock, Clem K. Sliding door track. 2,850,772, 9-9-58, Cl. 20-19.
- Adcock, Mack D., and L. A. Kurtz, to Hughes Aircraft Co. Hybrid tee type waveguide junction. 2,840,787, 6-24-58, Cl. 333-11.
- Adcock, Willis A.: *See*—
- Jones, Morton E., and Adcock. 2,845,372.
- Addicks, Mentor C. Power operated shovel for granular bulk material. 2,831,274, 4-22-58, Cl. 37-135.
- Addicks, Mentor C. Scoop for handling bulk material. 2,846,789, 8-12-58, Cl. 37-135.
- Addis, John J. Transfer fork for looms. 2,818,886, 1-7-58, Cl. 139-244.
- Addis, Wendell A., to Millers Falls Co. Edge trimmer attachment for hand portable power tools. 2,856,975, 10-21-58, Cl. 144-134.
- Addison, Edward C., to Beaumont Birch Co. Weighing apparatus with gate discharge. 2,851,240, 9-9-58, Cl. 249-16.
- Addison, William E.: *See*—
- Barrer, Richard M., and Addison. 2,853,365.
- Gruver, John H. 2,853,356.
- Mitchell, Lester F. 2,855,843.
- Addleman, Lloyd A., to Sylvania Electric Products Inc. Gating frequency divider. 2,864,003, 12-9-58, Cl. 250-36.
- Addressograph-Multigraph Corp.: *See*—
- Gollwitzer, Walter T. 2,848,047.
- Gruver, John H. 2,842,612.
- Gruver, John H. 2,842,615.
- Gruver, John H. 2,844,094.
- Hueber, Carl J. 2,821,128.
- Hueber, Carl J. 2,833,386.
- Hueber, Carl J. 2,864,306.
- Mitchell, Lester F., and Janke. 2,832,289.
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- Morse, Lawrence H. 2,839,992.
- Seifried, Lyle W. 2,831,427.
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- Weill, Camille, Hannigsberg, and Adelaar. 2,820,141.
- Weill, Camille, Hannigsberg, and Adelaar. 2,853,606.
- Adell, Franklin Z.: *See*—
- Adell, Robert. 2,856,228.
- Adell, Robert. 2,856,229.
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- Adell, Robert. 2,831,244.
- Adell, Robert. 2,831,723.
- Adell, Marvin M.: *See*—
- Adell, Robert. 2,856,228.
- Adell, Robert. 2,856,229.
- Adell, Robert. 2,856,230.
- Adell, Robert. 2,831,244.
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- Adell, Robert, to F. Z. and M. M. Adell. Ornamental and protective molding for edges of automobile closures. 2,831,723, 4-22-58, Cl. 296-44.
- Adell, Robert, to F. Z. and M. M. Adell. Trim molding for vehicle hood. 2,856,228, 10-14-58, Cl. 296-44.
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- Adelman, William M., and H. F. Schneider, to Radio Corp. of America. Thyatron circuit. 2,844,781, 7-22-58, Cl. 318-445.
- Adelson, Samuel L., to Inflico Inc. Position indicator. 2,826,165, 3-11-58, Cl. 116-125.
- Adelson, Samuel L., to Inflico Inc. Unitary means for operation of two pilot valves. 2,837,116, 6-3-58, Cl. 137-620.
- Adelt, Carl W. Wall facing construction. 2,821,850, 2-4-58, Cl. 72-17.

- Adenstedt, John H. W., to Telefonaktiebolaget L M Ericsson. Ringing device for telephone systems. 2,848,553, 8-19-58, Cl. 179-84.
- Aderhold, John F. Refuse truck. 2,857,063, 10-21-58, Cl. 214-82.
- Adey, Wilfred M., to Oxy-Catalyst, Inc. Filament support. 2,853,368, 9-23-58, Cl. 23-288.
- Adey, Wilfred M., and N. M. Reitzel, to Oxy-Catalyst, Inc. Support for filaments. 2,850,365, 9-2-58, Cl. 23-288.
- Adhesive Tapes Ltd.: *See—*
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- Adickes, Franz: *See—*
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- Adinoff, Bernard: *See—*
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- Adinolfi, Michael. Buttons. 2,836,869, 6-3-58, Cl. 24-113.
- Adise, Herbert H., and H. Siegel, to Computer Instruments Corp. Potentiometer. 2,848,629, 8-19-58, Cl. 307-106.
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- Adkins, Aubyn L. Disposable heat insulated container for liquids or solids. 2,828,903, 4-1-58, Cl. 229-14.
- Adkins, Lloyd J.: *See—*
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- Adkins, Russell M.: *See—*
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- Adkins, Russell M., to Westinghouse Air Brake Co. Bus bar relays. 2,836,775, 5-27-58, Cl. 317-172.
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- Adlansing, Karl, to Eisenwerke Kaiserslautern. Enamelling process. 2,851,376, 9-9-58, Cl. 117-70.
- Adler, Charles, Jr., to United States of America, Civil Aeronautics. External lighting system for airplanes. 2,832,059, 4-22-58, Cl. 340-25.
- Adler, Charles, Jr. Spaceometer which indicates car lengths required for stopping at any given speed. 2,845,721, 8-5-58, Cl. 35-11.
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- Adler, Franklin P., to Pullman-Standard Car Mfg. Co. Lading band anchor furring clip. 2,857,855, 10-28-58, Cl. 105-369.
- Adler, George, and J. Z. Lichtman. Apparatus for measuring stress relaxation. 2,831,342, 4-22-58, Cl. 73-95.
- Adler, John B. Table leg locking mechanism. 2,853,348, 9-23-58, Cl. 311-99.
- Adler, Robert, to Zenith Radio Corp. Electron beam wave signal frequency converter utilizing beam deflection and beam defocusing. 2,820,139, 1-14-58, Cl. 250-20.
- Adler, Robert, to Zenith Radio Corp. Ultrasonic transmitter. 2,821,954, 2-4-58, Cl. 116-137.
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- Adler, Robert, to Zenith Radio Corp. Method of manufacturing a longitudinal mode mechanical vibrator. 2,845,697, 8-5-58, Cl. 29-169.5.
- Adler, Robert, to Zenith Radio Corp. Television receiver synchronizing system. 2,851,523, 9-9-58, Cl. 178-7.3.
- Adler, Robert, to Zenith Radio Corp. Traveling-wave tubes. 2,866,916, 12-30-58, Cl. 315-3.6.
- Adler, Robert, and J. G. Spracklen, to Zenith Radio Corp. Frequency discrimination system. 2,838,668, 6-10-58, Cl. 250-27.
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- Adley, Michael L. Loading dock. 2,846,703, 8-12-58, Cl. 14-71.
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- Adolphson, Roy T., to Shampaine Co. Obstetrical tables. 2,832,655, 4-29-58, Cl. 311-7.
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- Adsit, Thomas R. Work implement position control hydraulic system. 2,821,173, 1-28-58, Cl. 121-41.
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- Advance Glove Mfg. Co.: *See—*
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- Aerofall Mills Inc.: *See—*
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- Aeroil Products Co., Inc.: *See—*
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- Aerol Co., Inc.: *See—*
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- Aeromotive Equipment Corp.: *See—*
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- Aero-Nautical Boat Shop, Inc.: *See—*
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- Aerophysics Development Corp.: *See—*
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- Aerostatica Soc. a. r. l.: *See—*
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- Aerotec Corp., The: See—**
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- Aetna Steel Products Corp.: See—**
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- Aeschmann, Nicolas, to Complications S. A. Impulse motor.** 2,864,018, 12-9-58, Cl. 310-163.
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- Af Ekenstam, Bo T., to Aktiebolaget Bofors. Process of oxidation.** 2,860,162, 11-11-58, Cl. 260-507.
- Af Ekenstam, Bo T., B. P. H. Egner, and B. G. Petterson, to Aktiebolaget Bofors. Amides of N-alkyl tetrahydroquinaldinic acid.** 2,836,597, 5-27-58, Cl. 260-286.
- Af Ekenstam, Bo T., and N. E. N. Johansson, to Aktiebolaget Bofors. Esters of nicotinic acid.** 2,863,873, 12-9-58, Cl. 260-295.5.
- Affeld, Emil E. Ant repellent bee hive stand.** 2,827,643, 3-25-58, Cl. 6-6.
- Affleck, James G., to American Cyanamid Co. Water-proofing of concrete or masonry surfaces.** 2,827,396, 3-18-58, Cl. 117-123.
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- Agarwal, Jagdish C., to United States Steel Corp. Disc-type balling device.** 2,818,601, 1-7-58, Cl. 18-1.
- Agarwal, Jagdish C., to United States Steel Corp. Method of treating iron oxide fines.** 2,864,686, 12-16-58, Cl. 75-3.
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- Agens, Maynard C., to General Electric Co. Organopolysiloxane elastomer and method of making.** 2,842,515, 7-8-58, Cl. 260-37.
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- Agnello, Eugene J., to Chas. Pfizer & Co. Derivatives of oxygenated steroids.** 2,831,875, 4-22-58, Cl. 260-397.45.
- Agnello, Eugene J., to Chas. Pfizer & Co., Inc. Derivatives of oxygenated steroids.** 2,864,833, 12-16-58, Cl. 260-397.45.
- Agnello, Eugene J., B. M. Bloom, and G. D. Laubach, to Chas. Pfizer & Co., Inc. Steroid compounds.** 2,831,001, 4-15-58, Cl. 260-397.45.
- Agnello, Eugene J., B. M. Bloom, and G. D. Laubach, to Chas. Pfizer & Co., Inc. 14 α ,16 α -dihydrocorticosterone and 21-esters thereof.** 2,835,683, 5-20-58, Cl. 260-397.45.
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- Agnello, Eugene J., and G. D. Laubach, to Chas. Pfizer & Co., Inc. 11-oxygenated derivatives of Δ^4 -19-norandrostadiene.** 2,864,830, 12-16-58, Cl. 260-397.3.
- Agnello, Eugene J., and G. D. Laubach, to Chas. Pfizer & Co., Inc. 16-methylene pregnene derivatives.** 2,865,808, 12-23-58, Cl. 167-65.
- Agnew, Boyd. Interferential measuring device.** 2,830,488, 4-15-58, Cl. 88-14.
- Agresta, Angelo V., and L. Burke. Shirt markers.** 2,827,700, 3-25-58, Cl. 33-9.
- Agresta, Daniel: See—**
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- Aguado, Edward. Disposable breather mask.** 2,848,994, 8-26-58, Cl. 128-146.
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- Aguilar, John G., and H. B. Rice, to John Burton Machine Corp. Band applying device and method.** 2,846,835, 8-12-58, Cl. 53-291.
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- Agule, George J., to Machlett Laboratories, Inc. Electron tubes with rotating electrodes.** 2,831,995, 4-22-58, Cl. 313-60.
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- Ahlbin, Fred E. Scissors and method of making.** 2,825,248, 3-4-58, Cl. 76-104.
- Ahlbin, Fred E., to John Ahlbin and Sons, Inc. Children's scissors.** 2,852,846, 9-23-58, Cl. 30-341.
- Ahlbin, Fred E. Method of providing cushion coatings of skin surfaced foamed plastisol on articles and the coated articles produced.** 2,853,400, 9-23-58, Cl. 117-65.
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- Ahlbrecht, Arthur H., W. S. Friedlander, and W. A. Severson, to Minnesota Mining and Mfg. Co. Fluorinated acrylate esters and polymers thereof.** 2,839,513, 6-17-58, Cl. 260-86.1.
- Ahlbrecht, Arthur H., and H. A. Brown, to Minnesota Mining & Mfg. Co. Fluorocarbon vinyl-type esters and polymers.** 2,841,573, 7-1-58, Cl. 260-79.3.
- Ahlén, Karl G., to Svenska Rotor Maskiner Aktiebolag. Power plants comprising hydraulic torque converters.** 2,853,855, 9-30-58, Cl. 60-54.
- Ahlén, Karl G., to Svenska Rotor Maskiner Aktiebolag. Yieldable coupling.** 2,855,767, 10-14-58, Cl. 64-13.
- Ahlers, Harold L., to The Diamond Match Co. Carton.** 2,824,684, 2-25-58, Cl. 229-44.
- Ahles, Robert D., to General Electric Co. Method of making cast magnetic aluminum-iron alloys and product thereof.** 2,830,922, 4-15-58, Cl. 148-121.
- Ahlgren, Axel W., and H. H. Ring, to Amerock Corp. Balancing mechanism.** 2,839,938, 6-24-58, Cl. 74-99.
- Ahllich, Harold G., and E. F. Habowski, to The Dow Chemical Co. Accessory apparatus for making blown polystyrene film.** 2,832,994, 5-6-58, Cl. 18-14.
- Ahlin, Olle: See—**
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- Ahlmann, Clara M.: See—**
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- Ahlquist, Russell W., to The American Hardware Corp. Clamping plate.** 2,828,153, 3-25-58, Cl. 292-357.
- Ahlquist, Russell W., and L. H. Fisler. Door lock.** 2,841,432, 7-1-58, Cl. 292-169.
- Ahlson, Burton W., to Goodman Mfg. Co. Mechanical miner having boring arms which form a rectangular shaped bore.** 2,825,544, 3-4-58, Cl. 262-7.
- Ahlstrand, Phillip M., to Union Carbide Corp. Differential plunger type liquefied gas pump.** 2,837,898, 6-10-58, Cl. 62-1.
- Aho, Charles E., to E. I. du Pont de Nemours and Co. Emulsion polymerization process.** 2,831,842, 4-22-58, Cl. 260-92.3.
- Aho, Charles E., W. S. Murray, and W. J. Sloan, to E. I. du Pont de Nemours and Co. Removal of inorganic fluorides from crude gaseous hydrogen chloride by anion exchange resins.** 2,829,028, 4-1-58, Cl. 23-2.
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- Ahre, Allen G.: See—**
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- Ahrendt Instrument Co., The: See—**
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- Ahrendt, Merrill E., to Beckman Instruments, Inc. Shutter mechanism.** 2,858,735, 11-4-58, Cl. 88-61.
- Ahrens, Hermann H. F., to Daimler-Benz Akt. Vehicle door lower edge and sill protecting and sealing construction.** 2,833,589, 5-6-58, Cl. 296-44.
- Ahrens, Hermann H. F. Steering wheel.** 2,863,015, 12-2-58, Cl. 200-61.54.
- Ahrens, Robert F.: See—**
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- Ahsmann, Gerardus J. M., to North American Philips Co., Inc. Glow-discharge tube. 2,864,024, 12-9-58, Cl. 313-185.
- Aichele, William J., and W. W. Davenport, to General Foods Corp. Confectionery product. 2,846,314, 8-5-58, Cl. 99-139.
- Aidlin, Samuel S. Automatic feeding apparatus. 2,858,930, 11-4-58, Cl. 198-33.
- Aigrain, Pierre R. R., to International Standard Electric Corp. Impulse multiplying arrangements for electric computing machines. 2,822,131, 2-4-58, Cl. 235-61.
- Aigrain, Pierre R. R., to International Standard Electric Corp. Circuit element having a negative resistance. 2,843,765, 7-15-58, Cl. 307-88.5.
- Aigrain, Pierre R. R., to International Standard Electric Corp. Semi-conductor crystal rectifiers. 2,845,370, 7-29-58, Cl. 148-1.5.
- Aigrain, Pierre R. R., to International Standard Electric Corp. Transmission of a derivative signal by pulse code. 2,862,186, 11-25-58, Cl. 332-11.
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- Aigrain, Pierre, and C. Benoit a la Guillaume, to Compagnie Generale de Telegraphie Sans Fil. Infra-red emitting device. 2,861,165, 11-18-58, Cl. 219-34.
- Aigrain, Pierre R. R., and S. Van Mierlo, to International Standard Electric Corp. Multiplex switching means. 2,862,059, 11-25-58, Cl. 179-18.
- Aigrain, Pierre R. R., and M. C. E. Bataille, to International Standard Electric Corp. Hybrid circuits for connecting a four wire transmission line to a two wire transmission line. 2,864,901, 12-16-58, Cl. 179-170.
- Aihara, Masumi: See—
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- Aiken, John K., to The Geigy Co., Ltd. Vulcanized rubber composition containing a metal salt complex and process of preparing same. 2,862,037, 11-25-58, Cl. 260-800.
- Aiken, Richard. Remote control fuze setter. 2,845,027, 7-29-58, Cl. 102-82.
- Aiken, William, to Somerville Ltd. Television backing. 2,826,755, 3-11-58, Cl. 340-367.
- Aiken, William L., to S K F Industries, Inc. Cage for end-wise assembly of balls on valve stems. 2,841,128, 7-1-58, Cl. 123-90.
- Aiken, William R., to the United States of America as represented by the United States Atomic Energy Commission. Pulse duration lengthener. 2,822,473, 2-4-58, Cl. 250-27.
- Aiken, William R., to Kaiser Industries Corp. Electronic device. 2,830,226, 4-8-58, Cl. 315-21.
- Aiken, William R., to Kaiser Industries Corp. Electronic device. 2,837,691, 6-3-58, Cl. 315-23.
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- Aileo, Jackson A., to Leonard P. Frieder. Headgear with retractable eye shield. 2,860,343, 11-18-58, Cl. 2-9.
- Ailes, Wayne B., to The Monarch Machine Tool Co. Electrical control system. 2,864,046, 12-9-58, Cl. 318-102.
- Ainslie, Robert E.: See—
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- Ainsworth, Ernest F., to the United States of America as represented by the Secretary of Commerce. Magnetic tape inscriber-outscriber. 2,827,623, 3-18-58, Cl. 340-174.
- Ainsworth, Ernest R., and J. C. Aydelott, to General Electric Co. Non-freezing radiator tube section. 2,858,111, 10-28-58, Cl. 257-124.
- Ainsworth, Frank W., to Minneapolis-Honeywell Regulator Co. Servo control valve. 2,860,606, 11-18-58, Cl. 121-46.5.
- Ainsworth, Freedom H., to The Wayne Pump Co. Visible flow indicator. 2,836,142, 5-27-58, Cl. 116-117.
- Ainsworth, Freedom H., to Symington Wayne Corp. Air eliminating device. 2,847,149, 8-12-58, Cl. 222-544.
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- Albers, Hamilton M., to Poor & Co. Gathering arm for underground loaders. 2,837,197, 6-3-58, Cl. 198-10.
- Albers, Heinrich B., to Baldwin-Lima-Hamilton Corp. Support for column and crosshead. 2,837,944, 6-10-58, Cl. 78-42.
- Albers, Kenneth A., to Char-Lynn Co. Seal for fluid couplings. 2,844,391, 7-22-58, Cl. 284-7.
- Albersheim, Walter J., to Bell Telephone Laboratories, Inc. Electromagnetic wave equalization system. 2,863,127, 12-2-58, Cl. 333-28.
- Albert, George E. Toy typewriter. 2,833,388, 5-6-58, Cl. 197-47.
- Albert, Harry E.: *See*—
Stevens, Henry P., Bentz, and Albert. 2,849,420.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Preparation of formamides by reacting hydrogen cyanide with cyclohexene. 2,819,306, 1-7-58, Cl. 260-561.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Preparation of N-tert-butylformamide. 2,819,307, 1-7-58, Cl. 260-561.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Alkylation of ureas. 2,822,390, 2-4-58, Cl. 260-553.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Process of vulcanizing rubber containing as an antiozone agent bis (2-alkyl-4-chlorophenol) monosulfide and the resulting products. 2,822,413, 2-4-58, Cl. 260-810.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Thio-bis dialkylphenols. 2,841,619, 7-1-58, Cl. 260-609.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Use of certain bis (2,4-dialkylphenol) monosulfides in rubber as antiozonant and product obtained. 2,841,628, 7-1-58, Cl. 260-810.
- Albert, Harry E., to The Firestone Tire & Rubber Co. Process of vulcanizing rubber containing bis-alpha-methylbenzyl-substituted phenol monosulfides and resulting products. 2,849,517, 8-26-58, Cl. 260-810.
- Albert, Harry E., and L. O. Bentz, to The Firestone Tire & Rubber Co. Vulcanized rubber containing bis-3,4-dimethyl-6-alkylphenol monosulfides and process of making same. 2,822,414, 2-4-48, Cl. 260-810.
- Albert, Harry E., and L. O. Bentz, to The Firestone Tire & Rubber Co. Use of bis (2-alkyl-4-alkoxyphenol) monosulfides in rubber. 2,822,415, 2-4-58, Cl. 260-810.
- Albert, Harry E., and L. O. Bentz, to The Firestone Tire & Rubber Co. Shaped rubber compositions containing petroleum cresylic acid monosulfides. 2,849,516, 8-26-58, Cl. 260-810.
- Albert, Marcel O. Container. 2,842,301, 7-8-58, Cl. 229-1.5.
- Albert, Milton P., and G. L. Scott, to International Business Machines Corp. Anti-distortion means for cathode ray tube displays. 2,831,145, 4-15-58, Cl. 315-24.
- Albert, Norman G.: *See*—
Mater, Peter L., and Albert. 2,832,355.
- Albert, Waldo E., Jr.: *See*—
Beach, Frederick H., and Albert. 2,834,293.
- Alberti, Carlo G., A. Vercellone, G. Larini, and L. Bernardi, to Società Farmaceutica Italia. Process for converting optically active aminodiols into racemic aminodiols. 2,848,494, 8-19-58, Cl. 260-562.
- Alberti, Carlo G., L. Bernardi, G. Larini, and A. Vercellone, to Società Farmaceutica Italia. Synthesis of phenylamino propanediol alkylethers and intermediates obtained thereby. 2,824,878, 2-25-58, Cl. 260-307.
- Alberti, Nicholas, and J. B. Beach, to Lockheed Aircraft Corp. Aircraft wing flap carriage. 2,826,379, 3-11-58, Cl. 244-42.
- Alberts, Lawrence E., to Minneapolis-Honeywell Regulator Co. Vertical sensor. 2,820,116, 1-14-58, Cl. 200-61.45.
- Albertson, Lawrence E., to The McKays Co. Regenerating apparatus for water softeners. 2,820,419, 1-21-58, Cl. 103-276.
- Albertson, William C., Jr., to True Temper Corp. Grass shears. 2,847,760, 8-19-58, Cl. 30-238.
- Albertson, William C., Jr., and W. J. Hood, to Mueller Co. Drilling machine. 2,838,964, 6-17-58, Cl. 77-34.4.
- Albiani, Lido, to Morton Salt Co. Dispensing closure. 2,826,343, 3-11-58, Cl. 222-480.
- Albin, Benjamin D., to Fraser and Albin. Control valve for automatic regeneration system. 2,855,944, 10-14-58, Cl. 137-102.
- Albion Motors Ltd.: *See*—
Lee, George H. 2,849,996.
- Albisetti, Charles J., to E. I. du Pont de Nemours & Co. Alkoxy aluminum chelate, a dispersion of it in an organic liquid and a water repellent porous object. 2,839,421, 6-17-58, Cl. 106-287.
- Albiswerk Zurich A. G.: *See*—
Degler, Heinrich. 2,821,813.
Reinhard, Louis, and Klausner. 2,838,756.
- Albohn, Arthur R., and G. M. Moelter, to Celanese Corp. of America. Spinnerette assembly. 2,843,875, 7-22-58, Cl. 18-8.
- Albrecht, Fritz, and E. W. Colehower, to The Martin Co. Rectifier power supply system. 2,845,591, 7-29-58, Cl. 321-27.

- Albrecht, Carl, to Deutsche Gold- und Silber-Scheideanstalt vormals. Roessler. Carburlization of iron and steel. 2,819,992, 1-14-58, Cl. 148—155.
- Albrecht, Hans : *See—*
Ciesielski, Leo F., and Albrecht. 2,866,739.
- Albrecht, Otto, to Ciba Ltd. New water soluble quaternary ammonium salts. 2,862,009, 11-25-58, Cl. 260—348.
- Albrecht, Otto, and A. Hiestand, to Ciba Ltd. Salts of new hardenable, basic, ternary condensation products. 2,864,781, 12-16-58, Cl. 260—21.
- Albrecht, Philipp, and F. Polikan. Method to produce adhesive. 2,857,288, 10-21-58, Cl. 106—123.
- Albrecht, Ransom C. : *See—*
Day, Carl L., Albrecht, and Fauth. 2,820,489.
- Albrecht, Rüdiger. Coupling and towing bar for motor vehicles. 2,830,827, 4-15-58, Cl. 280—182.
- Albrecht, Warren F., to General Electric Co. Lamp base welding. 2,853,593, 9-23-58, Cl. 219—113.
- Albrecht, William F. Faucet. 2,825,529, 3-4-58, Cl. 251—277.
- Albright, Franklin C., to Bendix Aviation Corp. Aircraft wheel and brake assembly. 2,826,274, 3-11-58, Cl. 188—152.
- Albright, Frederick D., $\frac{1}{2}$ to P. F. Fiorito. Dual-purpose incandescent lamp. 2,822,495, 2-4-58, Cl. 313—111.
- Albright, Robert B., and B. Wise, to Philco Corp. Cabinet antenna system. 2,838,755, 6-10-58, Cl. 343—876.
- Albright, Roy H., to I-T-E Circuit Breaker Co. Non-segregated phase bus structure. 2,851,514, 9-9-58, Cl. 174—99.
- Albright & Wilson (MFG.) Ltd. : *See—*
King, George. 2,859,124.
- Albrighton, Reginald F. : *See—*
Coley, Nelson B., and Albrighton. 2,866,963.
- Alburger, James R. Stable reference platform. 2,855,781, 10-14-58, Cl. 74—5.
- Albus, Charles P. : *See—*
Stoner, George G., Azorlosa, and Albus. 2,842,606.
- Alcar Instruments, Inc. : *See—*
Carlin, Benson. 2,830,165.
Carlin, Benson. 2,856,602.
- Alco Products, Inc. : *See—*
Alt, Harold M. 2,818,993.
Cregier, Harry M. 2,818,821.
Funk, Charles R., and Barnhart. 2,854,716.
Nichols, William M. 2,818,841.
Strandberg, Albin K. 2,821,380.
Tromel, Frederic C. 2,818,842.
Young, Sam H., and Carter. 2,831,957.
- Alco Valve Co. : *See—*
Cuba, Joseph F., and Tilney. 2,858,430.
Dube, John E., Wolfslau, Houghton. 2,833,507.
Schoen, Roger W. 2,834,924.
Tilney, Ralph B., and Cuba. 2,824,273.
Wolfslau, Joseph G., and Dube. 2,826,215.
- Alcock, Ernest, to Robbins & Myers, Inc. Helical gear pumps. 2,862,454, 12-2-58, Cl. 103—117.
- Alcock, John F., to Power Jets (Research and Development) Ltd. Heat exchangers. 2,846,195, 8-5-58, Cl. 257—6.
- Alden, Blair S., to Blairco Industries, Inc. Rotary fork. 2,827,848, 3-25-58, Cl. 99—421.
- Alden, Carroll R., to Ex-Cell-O Corp. Container panel structure. 2,822,963, 2-11-58, Cl. 222—530.
- Alden, John M. Electrical outlet. 2,833,998, 5-6-58, Cl. 339—191.
- Alden, Milton. Screw mounting bracket for sheet metal and screw held captive therein. 2,826,231, 3-11-58, Cl. 151—417.
- Alden, Milton. Facsimile recorder. 2,833,611, 5-6-58, Cl. 346—101.
- Alden, Milton. Housing for mounting electrical circuit components. 2,855,454, 10-7-58, Cl. 174—59.
- Alden, Milton. Work center. 2,860,404, 11-18-58, Cl. 29—200.
- Alden Products Co. : *See—*
Nyman, Alexander. 2,854,509.
- Alders, Lucas : *See—*
Pieters, Willem J., Alders, and Doorn. 2,847,356.
- Alderson, George E., E. W. Wood, and E. A. Binney, to W. J. Bullock, Inc. Process and apparatus for recovering zinc. 2,865,739, 12-23-58, Cl. 75—88.
- Alderson, Ross C., to Minneapolis-Honeywell Regulator Co. Apparatus for aircraft control. 2,853,254, 9-23-58, Cl. 244—77.
- Alderson, Ross C., to Minneapolis-Honeywell Regulator Co. Automatic Pilots. 2,827,605, 3-18-58, Cl. 318—489.
- Alderson, Samuel W. Elbow lock. 2,822,551, 2-11-58, Cl. 3—12.2.
- Alderson, William D., to Patent License Corp. Mortar training device and components thereof. 2,821,923, 2-4-58, Cl. 102—49.
- Alderton, Gordon, and N. S. Snell, to United States of America. Agriculture. Aterrimins and their preparation. 2,850,427, 9-2-58, Cl. 167—65.
- Alderuccio, Carmelo L., H. Chessin, W. G. Heinrich, J. G. Poor, and L. L. Smith, to Van der Horst Corp. of America. Identifier bond test. 2,853,875, 9-30-58, Cl. 73—150.
- Aldington, Elmer T., to American Can Co. Apparatus for truncating cups. 2,863,366, 12-9-58, Cl. 93—36.1.
- Aldington, Elmer T., to American Can Co. Cover for paper containers. 2,864,546, 12-16-58, Cl. 229—43.
- Aldington, John N., to Siemens Edison Swan Ltd. Electric semi-conductor devices. 2,859,393, 11-4-58, Cl. 317—235.
- Aldrich, Donald F., and L. H. Wall, to Westinghouse Electric Corp. Heating apparatus. 2,819,371, 1-7-58, Cl. 219—20.
- Aldrich, George E. : *See—*
Ramsdell, Robert E., and Luckman. 2,829,687.
- Aldrich, Gerard T., to Sanders Associates, Inc. Deferred action battery. 2,826,627, 3-11-58, Cl. 136—90.
- Aldridge, Blair G. : *See—*
Chute, Andrew E., Smalley, Klohr, and Aldridge. 2,834,655.
- Aldridge, Clarence F., and G. A. Cook, to Taylor Instrument Co. Dial type thermometer. 2,833,149, 5-6-58, Cl. 73—252.
- Aldridge, Clyde L. : *See—*
Cull, Neville L., and Aldridge. 2,862,979.
Cull, Neville L., Aldridge, and Mertzweiler. 2,845,465.
- Aldridge, Clyde L., and A. B. Small, to Esso Research and Engineering Co. Hydrogenated resin and process therefor. 2,824,860, 2-25-58, Cl. 260—82.
- Aldridge, Clyde L., and J. K. Mertzweiler, to Esso Research and Engineering Co. Method of esterification and purification of higher alcohols. 2,834,801, 5-13-58, Cl. 260—175.
- Aldridge, Clyde L., and R. N. Watts, to Esso Research and Engineering Co. Aldehyde purification. 2,841,618, 7-1-58, Cl. 260—604.
- Aldridge, George L., and L. E. Chambers. Termite control. 2,842,892, 7-15-58, Cl. 43—124.
- Aldrin, Henry W., to Aktiebolaget Bofors. Recoiling barrel operated pivoted loading tray mechanism. 2,865,254, 12-23-58, Cl. 89—45.
- Aleo, Joseph P. Suction device for removing hair clippings. 2,823,410, 2-18-58, Cl. 15—339.
- Alessi, John A. Compression molding apparatus. 2,839,786, 6-24-58, Cl. 18—16.
- Alessi, Andrew J., Jr. : *See—*
Gottscho, Ira S., Hirschey, and Alessi. 2,834,285.
- Alessi, Andrew J., Jr., and V. E. Hugo, to Adolph Gottscho, Inc. Marking apparatus. 2,829,589, 4-8-58, Cl. 101—35.
- Alessi, Andrew J., Jr., I. S. Gottscho, and M. Hirschey, to Adolph Gottscho, Inc. Article conveying apparatus. 2,835,376, 5-20-58, Cl. 198—34.
- Alessi, John M. Baking pan for cheese cakes. 2,866,451, 12-30-58, Cl. 126—385.
- Alessio, Lino. Dump truck. 2,836,459, 5-27-58, Cl. 298—22.
- Alexander, Ben : *See—*
Allison, John L., and Alexander. 2,836,816.
- Alexander, Ben, and J. F. Sullivan, to International Telephone and Telegraph Corp. Pulse pair detector. 2,861,184, 11-18-58, Cl. 250—27.
- Alexander, Bruce, E. L. Kingsbury, and R. A. Andrews, to Brown Citrus Machinery Corp. Citrus juice extracting machine. 2,853,107, 9-23-58, Cl. 146—3.
- Alexander, Carl V. : *See—*
Marshall, William A., Alexander, and Keller. 2,822,217.
- Alexander, Carl Z. Radiators. 2,841,685, 7-1-58, Cl. 219—38.
- Alexander, Carl Z. Portable electrical heating device. 2,847,545, 8-12-58, Cl. 219—38.
- Alexander, Carl Z. Heating unit. 2,856,504, 10-14-58, Cl. 219—38.
- Alexander, Donald C., and H. L. Pibus. Bonding stranded nylon jacketed insulated wire. 2,834,859, 5-13-58, Cl. 219—9.5.
- Alexander, Douglas S., and I. R. Fraser, to Esso Research and Engineering Co. Controlling feed for styrene-isobutylene copolymer manufacture by adjusting specific gravity. 2,852,500, 9-16-58, Cl. 260—88.1.
- Alexander, Edwin W., to Akron Truss Co., Inc. Hernia truss. 2,843,117, 7-15-58, Cl. 128—99.
- Alexander, Ford I. Disconnecting of well pipe or tubing joints. 2,839,143, 6-17-58, Cl. 166—46.
- Alexander, Ford I. Method and apparatus for disconnecting well pipe joints. 2,842,207, 7-8-58, Cl. 166—46.
- Alexander, George E., to General Plywood Corp. Method for treating wood surfaces. 2,827,935, 3-25-58, Cl. 144—309.
- Alexander, George O. : *See—*
Angell, Donald S., Tilseth, and Alexander. 2,848,124.
- Alexander, Guy B., and J. R. McWhorter, to E. I. du Pont de Nemours and Co. Concentrating silica sols without particle growth. 2,833,724, 5-8-58, Cl. 252—313.
- Alexander, Henry B., and R. Laster, to General Foods Corp. Method of making a culinary mix. 2,835,588, 5-20-58, Cl. 99—94.
- Alexander, Herbert, & Co. Ltd. : *See—*
Applegate, Morris H. 2,856,135.
- Alexander, James M. Hardness gauge. 2,846,065, 8-5-58, Cl. 209—81.
- Alexander, Jesse B. Dual engine yoke. 2,832,201, 4-29-58, Cl. 60—97.
- Alexander, John S., to American Screen Products Co. Combination hinge and hanger for screens and storm sash. 2,852,804, 9-23-58, Cl. 16—158.
- Alexander, John S., R. M. Winnan, and H. L. Majeske, to American Screen Products Co. Knockdown screen kit. 2,840,161, 6-24-58, Cl. 160—377.

- Alexander, Kenneth L.: *See—*
 Alexander, Zareh and K. L. 2,825,070.
- Alexander, Leo E. Multiple skewer. 2,859,685, 11-11-58, Cl. 99—419.
- Alexander, Lester W. Kraft board folding egg case. 2,866,585, 12-30-58, Cl. 229—15.
- Alexander, Lewis W., to Halex Corp. Ball joint. 2,862,740, 12-2-58, Cl. 287—85.
- Alexander, Matthew A.: *See—*
 Stuart-Williams, Raymond, Rosenberg, and Alexander. 2,862,198.
- Alexander, Matthew A., to Telemeter Magnetics and Electronics Corp. Integrating amplifier. 2,853,607, 9-23-58, Cl. 250—27.
- Alexander, Matthew A., to Telemeter Magnetics, Inc. Pulse generator. 2,863,072, 12-2-58, Cl. 307—106.
- Alexander, Matthew A., and B. Stanavice, to Telemeter Magnetics and Electronics Corp. Magnetic core sorting device. 2,858,018, 10-28-58, Cl. 209—74.
- Alexander, Paul, to Continental Can Co., Inc. Coated evaporating elements and method of utilizing same. 2,866,724, 12-30-58, Cl. 117—228.
- Alexander, Paul, to Continental Can Co., Inc. Coated evaporating elements and method of utilizing same. 2,866,725, 12-30-58, Cl. 117—228.
- Alexander, Paul, A. S. Baxter, and M. E. Boston, to Continental Can Co., Inc. Vacuum metallizing and apparatus therefor. 2,822,301, 2-4-48, Cl. 117—217.
- Alexander, Paul, A. S. Baxter, and M. E. Boston. Method of making a heater for vacuum deposition. 2,860,075, 11-11-58, Cl. 117—221.
- Alexander, Perry L., W. E. Hartis, and L. F. Wilkens, to Dacam Corp. Article converger conveyor. 2,860,762, 11-18-58, Cl. 198—32.
- Alexander, Robert H.: *See—*
 Gummere, Harold O., and Alexander. 2,866,474.
- Alexander Shipyard, Inc.: *See—*
 Chapman, Gale H., and Durant. 2,840,027.
- Alexander, Walter N., to General Aniline & Film Corp. Liquid phase oxidation of organic compounds. 2,821,534, 1-28-58, Cl. 260—385.
- Alexander, Warren A., to Esso Research and Engineering Co. Seismic recording apparatus. 2,825,621, 3-4-58, Cl. 346—74.
- Alexander, Wendal A., to National Research Council. Preparation of oxidation catalytic units. 2,829,116, 4-1-58, Cl. 252—473.
- Alexander, Wendal A., to National Research Council. Process for the preparation of silver alloy catalyst. 2,842,505, 7-8-58, Cl. 252—475.
- Alexander, William G., and C. McL. Harden, to Bendix Aviation Corp. System for generating discrete side-by-side displays on a cathode ray tube. 2,855,591, 10-7-58, Cl. 343—11.
- Alexander, Zareh and K. L. Disposable infant's toilet seat. 2,825,070, 3-4-58, Cl. 4—239.
- Alexanderson, Ernst F. W. Magnetic amplifier motor control system. 2,844,779, 7-22-58, Cl. 318—298.
- Alexanderson, Ernst F. W. Methods and systems for motor control. 2,851,647, 9-9-58, Cl. 318—248.
- Alexandersson, Harald V., to Telefonaktiebolaget L M Ericsson. Controlling device in coin boxes. 2,837,600, 6-3-58, Cl. 179—6.5.
- Alexandersson, Harald V., to Telefonaktiebolaget L M Ericsson. Receiving means for ring signals. 2,852,603, 9-16-58, Cl. 179—1.
- Alexandersson, Harald V., to Telefonaktiebolaget L M Ericsson. Friction gear. 2,858,706, 11-4-58, Cl. 74—209.
- Alexandrescu, Alexander M. Automatic hydraulically operated transmission. 2,833,159, 5-6-58, Cl. 74—645.
- Alexandrovsky, Georges. Process and apparatus for reducing the silicon content and increasing the temperature of molten pig iron. 2,862,810, 12-2-58, Cl. 75—60.
- Alexeff, Alexander V., to Industrial Ovens, Inc. Gas distributor head. 2,852,311, 9-16-58, Cl. 299—132.
- Alexeff, Alexander V., E. P. Homburg, and H. Richards, to Industrial Ovens, Inc. Web heat treatment and apparatus therefor. 2,837,834, 6-10-58, Cl. 34—159.
- Alfa Machine Co., Inc.: *See—*
 Pabst, Edwin L., and Vanderhout. 2,859,965.
- Alfandre, Harry, to Scovill Mfg. Co. Buckle threading apparatus. 2,848,147, 8-19-58, Cl. 223—49.
- Alfandre, Harry, to Scovill Mfg. Co. Garment closures. 2,861,276, 11-25-58, Cl. 2—265.
- Alfend, Michael: *See—*
 Melbourne, Joseph F., Skatoff, and Alfend. 2,866,498.
- Alfery, Henry F., and R. K. Engholdt, to Erie Mfg. Co. Timed fluid valve. 2,852,072, 9-16-58, Cl. 161—7.
- Alford, Andrew: *See—*
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- Alford, Andrew. Wave guide mode transformer. 2,825,032, 2-25-58, Cl. 333—21.
- Alford, Andrew. Antenna. 2,844,818, 7-22-58, Cl. 343—767.
- Alford, Andrew. Localizer antenna system. 2,861,266, 11-18-58, Cl. 343—792.
- Alford Cartons: *See—*
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- Alford, Gilbert H., to Wm. Hollingsworth Machine Co., Inc. Inverter for printed sheets. 2,865,517, 12-23-58, Cl. 214—1.
- Alford, Harvey E., and C.-W. Liao, to The Standard Oil Co. Lubricating oil additive and oil containing the same having improved water tolerance. 2,841,551, 7-1-58, Cl. 252—18.
- Alford, Joseph S., to General Electric Co. Cooling structure for turbine wheels. 2,831,653, 4-22-58, Cl. 253—39.15.
- Alford, Joseph S., to General Electric Co. Flow straightening vanes for diffuser passages. 2,844,001, 7-22-58, Cl. 60—35.6.
- Alford, Joseph S., to General Electric Co. Cooling of turbine wheels. 2,858,101, 10-28-58, Cl. 253—39.15.
- Alford, Maitland W.: *See—*
 Finlayson, Donald, Alford, and Pfeil. 2,824,035.
- Alford Refrigerated Warehouses: *See—*
 Simons, Edward. 2,821,029.
- Alfors, Godfrey D., and E. W. Lundstrom, to Century Tool & Mfg. Co. Photographic equipment and carrying case therefor. 2,858,415, 10-28-58, Cl. 240—1.3.
- Alfreds, Torris H.: *See—*
 Bennett, Anthony, and Alfreds. 2,825,250.
- Algard, Gustav: *See—*
 Swallert, Sven A. 2,832,100.
- Algatt, George E., and C. L. Beisinger, to Western Electric Co., Inc. Gaging device for apertured parts. 2,825,974, 3-11-58, Cl. 33—174.
- Algatt, George E., C. L. Beisinger, and E. A. Kromer, to Western Electric Co., Inc. Radius turning attachment for turret lathe. 2,828,658, 4-1-58, Cl. 82—12.
- Aligno, Joseph M., to The Dole Valve Co. Heat motor controlled thermal pulse valve. 2,830,766, 4-15-58, Cl. 236—12.
- Algoma Foundry & Machine Co.: *See—*
 Poehls, Clarence E. 2,843,991.
- Algoren, Lionel C.: *See—*
 Kallick, Joseph N., and Algoren. 2,866,433.
- Alhand, Richard J., to Electric Eye Equipment Co. Automatic control system. 2,840,372, 6-24-58, Cl. 271—2.6.
- Alheim, Robert J.: *See—*
 Giambalvo, Vito A., and Alheim. 2,833,789.
- Alheritiere, Louis: *See—*
 Mention, Maurice, and Alheritiere. 2,820,743.
- Alhéritière, Louis, to Les Usines de Melle (Société Anonyme). Treatment of acetic acid and mixtures thereof. 2,854,385, 9-30-58, Cl. 202—39.5.
- Alholm, Wayne I., S. R. Ballou, A. J. Lynn, D. L. Shanklin, and R. P. Stokes, to W. R. Grace & Co. Apparatus and method for applying container sealing material. 2,846,335, 8-5-58, Cl. 117—97.
- Aliberti, Alvino. Ejector pin. 2,837,796, 6-10-58, Cl. 22—94.
- Aliengena, Agnes P.: *See—*
 Aliengena, Albert G. 2,826,863.
- Aliengena, Albert G., deceased; A. P. Aliengena, administratrix of said A. G. Aliengena. Budding tool. 2,826,863, 3-18-58, Cl. 47—7.
- Almanestiano, Mihai, to Speed-Park, Inc. Automobile parking apparatus. 2,838,186, 6-10-58, Cl. 214—16.1.
- Alinari, Carlo. Gun for underwater fishing. 2,861,560, 11-25-58 Cl. 124—13.
- Alishouse, Paul L. Speed responsive hydrodynamic brake. 2,850,122, 9-2-58, Cl. 188—183.
- Alison, Leland R. Fish fastener. 2,850,780, 9-9-58, Cl. 24—161.
- Alix, Elmer C., and H. A. Wilson, said Wilson assignor to The A & W Machine Co. Weft end holding devices. 2,855,960, 10-14-58, Cl. 139—257.
- Alizon, Etienne, and C. Vazquez, to Compagnie Industrielle des Telephones. Electromechanical relay. 2,831,939, 4-22-58, Cl. 200—104.
- Aljen Mfg. Corp.: *See—*
 Pavenick, Stanford. 2,821,620.
- Allabaugh, Louis. Removable closure for ventilating openings in house foundations. 2,821,895, 2-4-58, Cl. 98—29.
- Allaben, Charles M., Jr.: *See—*
 Bremer, Norman C., and Allaben. 2,853,861.
- Allais, André, and C. Hoffmann, to Les Laboratoires Francais de Chimiotherapie. Method of preparing α -estradiol. 2,835,681, 5-20-58, Cl. 260—397.5.
- All American Engineering Co.: *See—*
 Cotton, Robert B. 2,838,259.
 Cotton, Robert B. 2,854,201.
 Daniels, Charles J., and Doolittle. 2,844,340.
 Daniels, Charles J., and Haber. 2,846,166.
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 Wyssor, Robert B. 2,843,228.
- Allander, Claes: *See—*
 Wallin, Sven W., and Allander. 2,848,820.
- Allander, Claes, to Aktiebolaget Svenska Flaktfabriken. Method for introducing a gaseous medium in an enclosure. 2,848,934, 8-26-58, Cl. 98—40.
- Allander, Claes, and B. Lanne, to A B Svenska Flaktfabriken. Dust separating aggregate of small-cyclones. 2,848,061, 8-19-58, Cl. 183—34.
- Allander, Claes, and B. Lanne, to Aktiebolaget Svenska Flaktfabriken. Device for a simultaneous cleansing of the outlets for dust and clean-gas in cyclones. 2,848,066, 8-19-58, Cl. 183—76.
- Allard Instrument Corp.: *See—*
 Skrobisch, Alfred. 2,824,188.
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- Allard, Lawrence S., and R. T. J. Hill, to The General Electric Co., Ltd. Cathode ray tubes. 2,851,626, 9-9-58, Cl. 313-70.
- Allard, Pierre J.-M. T. Guide device for boring tools. 2,822,147, 2-4-58, Cl. 255-1.
- Allard, Pierre J. M. T. Tread device for vehicles. 2,824,767, 2-25-58, Cl. 301-41.
- Albright-Nell Co., The: See—
Gillman, Harold K. 2,864,304.
- Aldredge, Enis. Stereographic map reading apparatus. 2,866,381, 12-30-58, Cl. 88-29.
- Aldredge, Leroy R. Magnetometer. 2,856,581, 10-14-58, Cl. 324-43.
- Aldredge, Marshall H., to Thompson Products, Inc. Ball joint. 2,855,665, 10-14-58, Cl. 29-441.
- Aldredge, Marshall H., and D. P. Marquis, to Thompson Products Inc. Joint assembly. 2,830,833, 4-15-58, Cl. 287-90.
- Aldritt, Della M.: See—
Aldritt, Lawrence L. and D. M. 2,824,507.
- Aldritt, Lawrence L. and D. M. Roof ventilators. 2,824,507, 2-25-58, Cl. 98-43.
- Allegan Products Co.: See—
Dunklee, George D., Dorice M., and Donovan M. 2,852,258.
- Allegheny Ludlum Steel Corp.: See—
Blecker, William H. 2,849,275.
- Dyrkacz, Wasil W., Pitler, and Butler. 2,824,798.
- Herres, Schuyler A., and Redden. 2,819,194.
- Klaybor, Leonard V. 2,835,570.
- Klaybor, Leonard V. 2,853,381.
- Lena, Adolph J., and Bush. 2,824,820.
- Lula, Remus A. 2,853,410.
- McHenry, Ernest C. 2,862,839.
- McMann, George E. 2,848,790.
- Murtland, James B., Jr. 2,826,539.
- Shaw, Richard B. 2,847,301.
- Alleman, Hugo. Drilling machines. 2,847,881, 8-19-58, Cl. 77-55.
- Alleman, Martin: See—
Schaer, Franz, and Alleman. 2,821,418.
- Alleman, Martin, to Sulzer Freres, Societe Anonyme. Paper making machine. 2,855,829, 10-14-58, Cl. 92-47.
- Allen, Albert S., to E. I. du Pont de Nemours and Co. Process of preserving fresh produce in oriented film. 2,865,765, 12-23-58, Cl. 99-154.
- Allen, Alfred W. Means for transmitting power equally to a driven shaft at symmetrically displaced points in the diametrical plane of said shaft. 2,865,219, 12-23-58, Cl. 74-410.
- Allen, Anthony R. H.: See—
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- Allen, Arthur C., to Stewart-Warner Corp. Momentary viewing apparatus. 2,839,622, 11-11-58, Cl. 73-466.
- Allen, Arthur L., R. W. Anderson, and E. W. Powell, to United States of America, Atomic Energy Commission. Electrolytic preparation of UF. 2,859,156, 11-4-58, Cl. 204-15.
- Allen-Bradley Co.: See—
Dehn, William F. 2,836,081.
- Dickinson, Clarence R., and Tellkamp. 2,839,642.
- Matthias, Lynn H. 2,832,860.
- Matthias, Lynn H. 2,850,605.
- Schlicke, Heinz M. 2,841,791.
- Allen, Burris R. Basement warmer and booster fan combination. 2,831,636, 4-22-58, Cl. 236-10.
- Allen, Carl, to United States of America, Army. Variable length antenna. 2,834,012, 5-6-58, Cl. 343-723.
- Allen, Charles F. H., and J. J. Sagura, to Eastman Kodak Co. Stabilized photographic silver halide emulsions. 2,824,001, 2-18-58, Cl. 96-109.
- Allen, Charles F. H., and J. J. Sagura, to Eastman Kodak Co. 2-Mercaptol-1,3,4-oxadiazoles as antifoggants. 2,843,491, 7-15-58, Cl. 96-109.
- Allen, Charles L., deceased, by D. M. Allen, executrix. Garment clamp. 2,823,840, 2-18-58, Cl. 223-91.
- Allen, Charles S. Parking means for vehicles. 2,833,359, 5-6-58, Cl. 180-1.
- Allen, Charles S. Emergency brake means for trailers and trucks. 2,841,249, 7-1-58, Cl. 188-2.
- Allen, Charles S. Exercising device. 2,845,063, 7-29-58, Cl. 128-32.
- Allen, Charles S. Landing deck for aircraft. 2,851,232, 9-9-58, Cl. 244-114.
- Allen, Charles W.: See—
Haug, Roy L., and Allen. 2,823,669.
- Allen, Charles W. G., to Bristol Aircraft Ltd. Methods of manufacturing metal structures. 2,857,662, 10-28-58, Cl. 29-449.
- Allen, Clifford H., to Thompson Products, Inc. Hydraulic tappet. 2,830,566, 4-15-58, Cl. 123-90.
- Allen, Clifford H., and W. S. Gleeson, to Thompson Products, Inc. Automatic tappet. 2,847,982, 8-19-58, Cl. 123-90.
- Allen-Crawford Ltd.: See—
Pelletier, Joseph A. 2,847,947.
- Allen, David. Sun tatoo form. 2,851,805, 9-16-58, Cl. 41-10.
- Allen, Donald R., to The Dow Chemical Co. Preparation of hydrogen fluoride. 2,832,669, 4-29-58, Cl. 23-153.
- Allen, Donna M.: See—
Allen, Charles L. 2,823,840.
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- Allen, Edward M., to Columbia-Southern Chemical Corp. Rubber composition containing alumina-silica pigment. 2,837,495, 6-3-58, Cl. 260-415.
- Allen, Edward M., to Columbia-Southern Chemical Corp. Silica pigment and preparation thereof. 2,865,779, 12-23-58, Cl. 106-366.
- Allen, Edward M., to Columbia-Southern Chemical Corp. Preparation of silica-sulfite pigments. 2,865,780, 12-23-58, Cl. 106-366.
- Allen, Edward M., and R. S. Chisholm, to Columbia-Southern Chemical Corp. Method of preparing a siliceous pigment. 2,865,777, 12-23-58, Cl. 106-288.
- Allen, Edwin L., to L. W. Menzimer, trustee. Control mechanism for door latches. 2,861,834, 11-25-58, Cl. 292-336.3.
- Allen Electric and Equipment Co.: See—
Allen, Gerald H. 2,829,356.
- Campbell, Byron F. 2,840,435.
- Campbell, Byron F., and Marusek. 2,862,386.
- Murphy, Arthur G. 2,863,114.
- Allen, Eugene W. Multicolor cathode ray tube and viewing screen and post deflection focusing unit therefor. 2,831,998, 4-22-58, Cl. 313-77.
- Allen, Everett W.: See—
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- Allen, Francis E. Surface-covering structure for a wall. 2,859,843, 11-11-58, Cl. 189-88.
- Allen, Francis E. Expandable wall structure. 2,862,584, 12-2-58, Cl. 189-34.
- Allen, Frank B., to Fyr-Fyter Co. Stored pressure medium container with discharge control. 2,819,820, 1-14-58, Cl. 222-5.
- Allen, George H.: See—
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- Allen, George H. Bait container. 2,855,720, 10-14-58, Cl. 43-55.
- Allen, Gerald H., to Allen Electric and Equipment Co. Core structure. 2,829,356, 4-1-58, Cl. 336-212.
- Allen, Gordon R., to Rohr Aircraft Corp. Adjustable sectional forming die. 2,825,385, 3-4-58, Cl. 153-32.
- Allen, Gordon S. J.: See—
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- Allen & Hanburys Ltd.: See—
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- Allen, Harper: See—
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- Allen, Harry J. Nail or spike holder and driver. 2,849,714, 9-2-58, Cl. 1-47.
- Allen, Harry W. Combination lock and burglar alarm. 2,855,588, 10-7-58, Cl. 340-276.
- Allen, Hartley. Outboard motor steering stabilizer. 2,846,896, 8-12-58, Cl. 74-495.
- Allen, Henry H., to British Celanese Ltd. Method and apparatus for measuring thickness. 2,826,817, 3-18-58, Cl. 33-147.
- Allen, Henry H., to British Celanese Ltd. Apparatus for measuring and recording thickness of plastic film. 2,843,937, 7-22-58, Cl. 33-147.
- Allen, Herbert, to Cameron Iron Works, Inc. Valve actuator mechanism. 2,826,921, 3-18-58, Cl. 74-22.
- Allen, Herbert, to Cameron Iron Works, Inc. Pipe hanger and seal assembly with means to limit pressure applied to the slips. 2,850,301, 9-2-58, Cl. 285-148.
- Allen, Herbert, and R. E. Hammond, to Cameron Iron Works, Inc. Valve mechanism. 2,833,510, 5-6-58, Cl. 251-162.
- Allen, Herman C., and W. W. Russell, to Sayles Finishing Plants, Inc. Textile finishing apparatus. 2,842,828, 7-15-58, Cl. 26-18.5.
- Allen, Howard G., and E. I. Fisher, to Bostitch, Inc. Fastener-applying machine. 2,857,596, 10-28-58, Cl. 1-49.
- Allen, James W.: See—
Krier, Alexander O., Allen and Williams. 2,855,058.
- Allen, James W. Drive joint. 2,852,924, 9-23-58, Cl. 64-6.
- Allen, John E., and C. R. Klooz. Valve. 2,831,506, 4-22-58, Cl. 138-45.
- Allen, Joseph C., to The Texas Co. Oil well treatment. 2,832,416, 4-29-58, Cl. 166-42.
- Allen, Joseph C., to The Texas Co. Diesel fuel. 2,866,693, 12-30-58, Cl. 44-52.
- Allen, Kathryn E. Coat construction. 2,845,629, 8-5-58, Cl. 2-46.
- Allen, Kenneth C., to Hobart Mfg. Co. Ticket printer. 2,824,736, 2-25-58, Cl. 271-2.6.
- Allen, Kenneth C., and D. A. Meeker, to The Hobart Mfg. Co. Scales. 2,858,124, 10-28-58, Cl. 265-27.
- Allen, Kenneth C., and L. B. Biebel, to The Hobart Mfg. Co. Computing scale. 2,860,867, 11-18-58, Cl. 265-29.
- Allen, Lawrence E., to Allis-Chalmers Mfg. Co. Self-propelled combine. 2,842,925, 7-15-58, Cl. 56-21.
- Allen, Lawrence E., to Allis-Chalmers Mfg. Co. Self-latching coupling pin. 2,849,248, 8-26-58, Cl. 287-58.
- Allen, Leo P.: See—
Freaney, Thomas E., and Allen. 2,828,246.
- Allen, Louis N., Jr., to Chemical Construction Corp. Regeneration of spent pickle liquors. 2,838,376, 6-10-58, Cl. 23-200.

- Allen, Lyman H., Jr., R. R. James, and W. H. Bradshaw, to Celanese Corp. of America. Viscose heating. 2,836,589, 5-27-58, Cl. 260-218.
- Allen, Milton, J., to Ciba Pharmaceutical Products, Inc. New process for the preparation of amines. 2,846,382, 8-5-58, Cl. 204-75.
- Allen, Oliver L., to Electrolux Corp. Vacuum cleaner nozzle. 2,838,783, 6-17-58, Cl. 15-417.
- Allen, Ollie J. High level A. M. modulation. 2,848,686, 8-19-58, Cl. 332-38.
- Allen, Peter S., to Hendrey Relays Ltd. Spring actuated motors. 2,835,344, 5-20-58, Cl. 185-37.
- Allen, Philip H., to H. Allen. Fan-folding machines. 2,859,961, 11-11-58, Cl. 270-73.
- Allen, Philip J. Microwave magnetic detectors. 2,844,789, 7-22-58, Cl. 324-43.
- Allen, Philip M., to Avon Products, Inc. Multiple form drive. 2,862,708, 12-2-58, Cl. 271-2.4.
- Allen, Philip S.: *See*—
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- Allen, Priscilla: *See*—
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- Allen, R. C., Business Machines, Inc.: *See*—
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- Allen, Richard C., to General Electric Co. Variable stator Mechanism. 2,858,062, 10-28-58, Cl. 230-114.
- Allen, Richard W., to United States of America, Air Force. Double channel pulse amplifier. 2,835,731, 5-20-58, Cl. 178-7.1.
- Allen, Robert, to United States of America, Air Force. High-frequency tube tuning system. 2,856,557, 10-14-58, Cl. 315-5.47.
- Allen, Robert B.: *See*—
Davis, Billy E., and Allen. 2,836,794.
- Allen, Robert C., to Allis-Chalmers Mfg. Co. Gas turbine. 2,839,268, 6-17-58, Cl. 253-39.15.
- Allen, Robert C., Jr., and G. C. Pearce, to General Motors Corp. Domestic appliance. 2,821,903, 2-4-58, Cl. 99-338.
- Allen, Robert E., F. P. Palopoli, C. H. Tilford, and M. G. Van Campen, Jr., to The Wm. S. Merrell Co. 1,1-di-(p-chlorophenyl)-2-(2-piperidyl)-ethylene and therapeutic compositions containing said compound. 2,838,441, 6-10-58, Cl. 167-65.
- Allen, Robert H.: *See*—
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- Allen, Robert K., to The Babcock & Wilcox Co. Cyclone furnace fired fluid heating unit. 2,832,321, 4-29-58, Cl. 122-235.
- Allen, Robert K., to The Babcock & Wilcox Co. Apparatus for burning residual liquor. 2,860,611, 11-18-58, Cl. 122-240.
- Allen, Robert P., to E. I. du Pont de Nemours and Co. Vitreous phosphate enamels and their use. 2,866,713, 12-30-58, Cl. 106-48.
- Allen, Robert R., to John Wood Co. Double-acting piston pumps. 2,843,051, 7-15-58, Cl. 103-175.
- Allen, Robert T. Coin counter and wrapper. 2,864,386, 12-16-58, Cl. 133-8.
- Allen, Russell G., to Owens-Illinois Glass Co. Equalizing means for mold opening and closing mechanism. 2,834,155, 5-13-58, Cl. 49-41.
- Allen, Russell G., to Owens-Illinois Glass Co. Valve operating mechanism. 2,837,118, 6-3-58, Cl. 137-632.
- Allen, Russell G., to Owens-Illinois Glass Co. Adjusting mechanism for timing devices. 2,860,524, 11-18-58, Cl. 74-505.
- Allen, S. Merwyn: *See*—
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- Allen-Sherman-Hoff Co., The: *See*—
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- Allen, Sidney J., and J. G. N. Drewitt, to British Celanese Ltd. Production of amino acids and their derivatives. 2,825,739, 3-4-58, Cl. 260-486.
- Allen, Thomas J. Insert bearing structure and shim therefor. 2,844,420, 7-22-58, Cl. 308-244.
- Allen, Thomas O., and A. W. Coulter, Jr., to Esso Research and Engineering Co. Well completion method. 2,837,164, 6-3-58, Cl. 166-22.
- Allen, Thomas O., and L. M. Sloan, to Esso Research and Engineering Co. Method of servicing wells. 2,842,205, 7-8-58, Cl. 166-21.
- Allen, Thomas O., J. C. McDuffie, Jr., and J. O. Minter, to Jersey Production Research Co. Protection of wells. 2,856,001, 10-14-58, Cl. 166-22.
- Allen, W. H., Sons & Co. Ltd.: *See*—
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- Allen, Wade W., and J. W. Shell, to The Upjohn Co. Crystal orienter. 2,847,579, 8-12-58, Cl. 250-52.
- Allen, Walter C., and T. F. Berry, to United States Steel Corp. Method of improving characteristics of iron oxide agglomerates. 2,820,704, 1-21-58, Cl. 75-5.
- Allen, William A. Plate glass storage rack. 2,865,513, 12-23-58, Cl. 211-41.
- Allenbach, Roy E., to The Pueblo Tent and Awning Co., Inc. Flexible canteens. 2,865,420, 12-23-58, Cl. 150-2.1.
- Aller, Edmund R., to General American Transportation Corp. Apparatus for unloading hoppers. 2,844,411, 7-22-58, Cl. 302-51.
- Aller, Edmund R., and L. Kramer, Jr., to General American Transportation Corp. Conveyors for pulverulent materials. 2,828,163, 3-25-58, Cl. 302-29.
- Aller, T. Dwight, to Southwest Welding & Mfg. Co. Sectional ladder installation for large tanks. 2,834,527, 5-13-58, Cl. 228-23.
- Aller, T. Dwight, to Southwest Welding & Mfg. Co. Floating roof anti-turning device. 2,846,108, 8-5-58, Cl. 220-26.
- Aller, Willis F., to The Sheffield Corp. Gauging device. 2,831,257, 4-22-58, Cl. 33-172.
- Aller, Willis F., to The Sheffield Corp. Gaging apparatus. 2,843,939, 7-22-58, Cl. 33-174.
- Aller, Willis F., to The Sheffield Corp. Gauging device for checking size or contour. 2,854,756, 10-7-58, Cl. 33-174.
- Aller, Willis F., to The Sheffield Corp. Gauging device. 2,858,615, 11-4-58, Cl. 33-174.
- Aller, Willis F., and R. L. Esken, to The Sheffield Corp. Gaging apparatus. 2,833,047, 5-6-58, Cl. 33-174.
- Aller, Willis F., and E. L. Byrckett, to The Sheffield Corp. Gauging device. 2,859,529, 11-11-58, Cl. 33-174.
- Allersma, Barteld P. Vehicle provided with rotary distributing device. 2,863,669, 12-9-58, Cl. 275-2.
- Alles, Francis P., to E. I. du Pont de Nemours and Co. Fluorescent screens. 2,819,183, 1-7-58, Cl. 117-33.5.
- Alles, Richard, to Badische Anilin- & Soda-Fabrik Akt. Process for preparation of condensation products of carbohydrates, sulfuric acid or its derivatives, formaldehyde, and phenol. 2,837,489, 6-3-58, Cl. 260-17.2.
- Alles, Richard, to Badische Anilin- & Soda-Fabrik Akt. Water soluble albumin-precipitating condensation products. 2,837,563, 6-3-58, Cl. 260-506.
- Allgaier, Erwin, W. Hütter, and K. Ritter, to Allgaier-Werke G. m. b. H. Power transmitting arrangement. 2,832,233, 4-29-58, Cl. 74-674.
- Allgaier-Werke G. m. b. H.: *See*—
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- Alliance Machine Co., The: *See*—
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- Allied Chemical Corp.: *See*—
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- Allied Chemical & Dye Corp.: *See*—
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Allied Research Products, Inc.: See—
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- Alvos, Del. Instrument for lancing snake bites. 2,864,370, 12-16-58, Cl. 128-314.
- Alweg-Forschung, Gesellschaft mit beschränkter Haftung: *See*—
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- Alwin Mfg. Co.: *See*—
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- Amagasaki Seitetsu Kabushiki Kaisha: *See*—
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- Amalgamated Brass Prince Indentions, Inc.: *See*—
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- Amara Refrigeration Inc.: *See*—
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 Moore, Robert E., Giddings, and Barnard. 2,861,434.
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- Amand, Frank R., to United States of America, Air Force. Tube shield. 2,852,594, 9-16-58, Cl. 174-35.
- Amann, August: *See*—
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- Amann, Charles A., to General Motors Corp. Braking and reverse turbine for gas turbine engines. 2,820,341, 1-21-58, Cl. 60-39.15.
- Amatel, Harold, to Westinghouse Electric Corp. Article packing and display container. 2,823,797, 2-18-58, Cl. 206-65.
- Ambelang, Joseph C., to The Firestone Tire & Rubber Co. Aldehyde condensation products of 2-alkyl-5-methylphenols. 2,822,404, 2-4-58, Cl. 260-619.
- Ambelang, Joseph C., to The Firestone Tire & Rubber Co. Use of acyl thioureas in rubber. 2,822,412, 2-4-58, Cl. 260-801.
- Ambelang, Joseph C., and G. M. Massie, to The Firestone Tire & Rubber Co. Alkylation of ureas. 2,849,488, 8-26-58, Cl. 260-553.
- Amber Duck Products Corp.: *See*—
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- Amberg, Charles R., to Blocked Iron Corp. Lump ores and methods of producing them. 2,844,457, 7-22-58, Cl. 75-3.
- Amberg, Harry. Mounting for accordion keys. 2,836,094, 5-27-58, Cl. 84-434.
- Amberg, Walter E. Rotary torque transmitting joint. 2,864,245, 12-16-58, Cl. 64-12.
- Ambl, Andrew. Trolley assembly. 2,832,298, 4-29-58, Cl. 104-96.
- Amborski, Leonard E., to E. I. du Pont de Nemours and Co. Sealing of polymeric linear terephthalate ester structures. 2,820,735, 1-21-58, Cl. 154-139.

- Ambrette, Conrad and Paul. Alimentary paste producing apparatus. 2,863,404, 12-9-58, Cl. 107-14.
- Ambrette, Paul: *See*—
Ambrette, Conrad and Paul. 2,863,404.
- Ambrose, Francis X., to "Alsynite Co. of America." Press for webs. 2,818,904, 1-7-58, Cl. 154-1.
- Ambrose, Henry A., and P. R. McCarthy, to Gulf Research & Development Co. Petroleum lubricating jelly containing an aluminum soap, tricresylphosphate and tributylphosphate. 2,836,562, 5-27-58, Cl. 252-37.2.
- Ambrose, Henry A., and J. H. Piatt, to Gulf Research & Development Co. Soluble cutting oil and method of applying the same. 2,841,554, 7-1-58, Cl. 252-33.4.
- Ambrose, Jack D. Strip record signaling. 2,823,784, 2-18-58, Cl. 197-9.
- Ambrose, McLean A.: *See*—
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- Ambrose, Paul E.: *See*—
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- Ambroz, Charles F., to Allis-Chalmers Mfg. Co. Damping shoes for wicket gates used on reversible pump-turbine. 2,823,009, 2-11-58, Cl. 253-122.
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- Amchem Products, Inc.: *See*—
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- Amdursky, Mark E., T. S. Noskiewicz, and C. S. Szegho, to Zenith Radio Corp. Method and apparatus for color television. 2,864,032, 12-9-58, Cl. 315-13.
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- American Automatic Devices Co.: *See*—
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- American Automatic Typewriter Co.: *See*—
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- American Automation, Inc.: *See*—
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- American Bag & Paper Co.: *See*—
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- American Baler Co., The: *See*—
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- American Biltrite Rubber Co., Inc.: *See*—
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Fischer, Hans. 2,828,727.
High, Carl F. 2,848,951.
High, Carl F. 2,855,849.
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Adams, Cecil E., and English. 2,856,861.
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Adams, Cecil E., and Sun. 2,832,293.
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Arrasmith, Grant H. 2,858,914.
Boron, Frank J. 2,824,730.
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Cox, Isaac E. 2,827,279.
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English, John R. 2,853,023.
Godfrey, Charles E., and Johnson. 2,837,033.
Hoyer, Llewellyn E., and Goryca. 2,820,679.
Hoyer, Llewellyn E., and Goryca. 2,856,248.
Klein, Edmund A. 2,841,118.
Lowey, Francis J. 2,848,795.
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Neff, Darby B. 2,861,517.
Parr, James R., and Shaw. 2,835,228.
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Bofinger, Karl. 2,826,023.
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Bonini, John H., and Hovland. 2,852,133.
Brewer, Clarence T. 2,837,980.
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Caniff, Thomas L., and Balocca. 2,836,508.
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Dobbins, Walter J. 2,846,831.
Erne, Charles H. 2,826,299.
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Felber, John. 2,856,069.
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Hart, Arthur L., and Kamm. 2,860,092.
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Heinle, Carl W. 2,823,837.
Hommel, William B. 2,863,550.
Jakob, John P. 2,834,286.
Jensen, Stephen F. 2,840,234.
Jones, Vincent C., and Hope. 2,852,158.
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Lerch, Frederic F. 2,845,161.
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Nordquist, Ronald E. J. 2,830,691.
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Baker, Bernard R., Joseph, and Schaub. 2,852,505.

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Baker, Bernard R., and Schaub. 2,830,984.

Baker, Bernard R., and Schaub. 2,830,985.

Banks, Reginald M., and Bell. 2,865,375.

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Bender, Max, and Turner. 2,852,479.

Bernstein, Seymour, and Lenhard. 2,831,002.

Bernstein, Seymour, and Lenhard. 2,837,545.

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Bikales, Norbert M., and Miller. 2,840,611.

Bikales, Norbert M., and Munch. 2,863,918.

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Botty, Martin C., and Rowe. 2,843,751.

Brendel, Armin G. 2,839,133.

Brockman, John A., Jr., and Fabio. 2,837,556.

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Bullock, Milton W. 2,828,322.

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Carpenter, Erwin L. 2,827,423.

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Casebolt, George S. 2,819,248.

Chao, Tasi H., Lecher, and Greenwood. 2,847,458.

Cherlow, Herman. 2,863,867.

Christmann, Ludwig J., and Deichert. 2,830,020.

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Ciesielski, Leo F., and Albrecht. 2,866,739.

Conn, Robert C., and Vartanian. 2,819,177.

Cooke, Theodore F., Moretti, and Conn. 2,846,337.

Cooke, Theodore F., Moretti, and van Loo. 2,839,506.

Cresswell, Arthur. 2,820,985.

Cummings, Percival W., Jr., and Mogensen. 2,862,895.

Daniel, John H., Jr. 2,819,237.

Davis, Arnold R., and Sullivan. 2,834,752.

Day, Harold M., Dugliss, and Miron. 2,822,343.

De Hoff, Leon B. 2,865,908.

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Gorham, John F., Strazdins, Hopkins, and Senese. 2,832,693.

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Hein, Delton W. 2,850,505.

Hengel, Mathew C. L., and Steele. 2,828,234.

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Innes, William B. 2,839,475.

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Kaplan, Earl, and Munro. 2,827,358.

Katz, Leon, Hein, Pretka, and Long. 2,852,556.

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Kinstler, Robert C. 2,840,556.

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Lecher, Hans Z., Hardy, and Kosloski. 2,845,459.

Lindenfelser, Richard, and Layman. 2,819,246.

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Long, Robert S., and Kantor. 2,848,484.

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Long, Robert S., and Pretka. 2,852,503.

Long, Robert S., and Scalera. 2,844,594.

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Lopresti, Rocco J., and Safir. 2,852,524.

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Mallison, William C. 2,847,405.

Marcucio, Stephen, and Brodsky. 2,834,705.

Marshall, Theodore H. 2,833,398.

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Matsuda, Ken. 2,819,262.

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McCormick, Jerry R. D., and Hoffer. 2,846,376.

McGovern, John D., and Duhnkrack. 2,822,340.

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O'Neill, Frederick A. 2,850,533.

Padbury, John J., and Morgan. 2,838,466.

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Reeves, Richard F., and Cestoni. 2,837,549.

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Roth, Philip B. 2,833,670.

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Sandhage, Ellsworth R., and Burkhardt. 2,861,571.

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- American Steel Foundries: *See*—
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Flesch, Norman F. 2,832,441.
Flesch, Norman F. 2,852,103.
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Foster, Theodore. 2,826,103.
Gecks, Edward H., and Hines. 2,829,566.
Good, Albert E., and Foster. 2,838,963.
Hake, Walter T. 2,831,236.
Hake, Walter T., and Laubach. 2,854,868.
Heater, Charles L., and Cottrell. 2,833,227.
Helsten, Wesley A. 2,840,191.
Kayler, Frank H. 2,819,913.
Kayler, Frank H. 2,840,216.
Kayler, Frank H. 2,856,203.
Kayler, Frank H., and Kulieke. 2,850,180.
Kayler, Frank H., Kulieke, and Greenawalt. 2,861,818.
Keyser, Harold C. Re. 2,4429.
Kowalik, John J. 2,826,406.
Lindsey, Robert J. 2,832,196.
Lindsey, Robert J. 2,851,860.
Lindsey, Robert J. 2,860,485.
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Mann, William, and Maloney. 2,840,193.
McGuire, Bernard J. 2,856,033.
Meves, Donald E., and Lawther. 2,847,741.
Mickelson, Cedric G., and Lillieqvist. 2,861,908.
Neumann, Otto W. 2,853,958.
Nyström, Karl F., and Kayler. 2,850,179.
Polanin, Walter R. 2,834,439.
Polanin, Walter R. 2,844,222.
Polanin, Walter R. 2,852,102.
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Schlegel, Walter L., Jr. 2,849,964.
Simanek, Edward J. 2,865,472.
Sudeck, Norman H. 2,860,900.
Tack, Carl E. 2,819,062.
Tack, Carl E. 2,819,894.
Tack, Carl E. 2,819,895.
Tack, Carl E. 2,820,529.
Tack, Carl E. 2,827,984.
Tack, Carl E. 2,844,221.
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Tomka, Joseph W. 2,837,059.
Young, Donald M., and Klausner. 2,852,104.
- American Sterilizer Co.: *See*—
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- American Sugar Refining Co., The: *See*—
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- American Synthetic Rubber Corp.: *See*—
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- American Telephone and Telegraph Co.: *See*—
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- American Thermos Products Co.: *See*—
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- American Thread Co., The: *See*—
Curry, Malcolm. 2,858,656.
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- American Time Products, Inc.: *See*—
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- American Tobacco Co., The: *See*—
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- American Tool Works Co., The: *See*—
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- American Type Founders Co., Inc.: *See*—
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- American Viscose Corp.: *See*—
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Ballard Hyde W. 2,856,742.
Battista, Orlando A., and Whytlaw. 2,862,614.
Battista, Orlando A., and Whytlaw. 2,862,615.
Berra, James, and McGinn. 2,828,023.
Braunlich, Richard H. 2,826,067.
Braunlich, Richard H. 2,834,204.
Conti, John D. 2,825,223.
Cornwell, Ralph T. K. 2,824,016.
Cornwell, Ralph T. K. 2,824,017.
Cornwell, Ralph T. K. 2,824,018.
Cornwell, Ralph T. K. 2,864,783.
Costello, Edward J. 2,848,343.
Craver, Augustus E. 2,862,303.
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Denysen, Ivanhoe P. 2,840,855.
Fotland, Arne. 2,846,004.
Fry, Horace P., Jr. 2,825,624.
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Hadfield, Walter, Sr., Heffelfinger, and Stimmel. 2,820,355.
Hall, Harry H. 2,857,330.
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Hargenrater, Quentin E. 2,844,923.
Hayes, Mary B. 2,841,463.
Heffelfinger, Robert D., and Crawley. 2,825,119.
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Heil, George C. 2,849,151.
Herschel, Carl E., and Vandenberg. 2,819,808.
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Kellogg, William D., and Truitt. 2,827,756.
Lavash, Francis L. 2,822,574.
Lewis, Ellis. 2,856,750.
Lytton, Marion R. 2,840,449.
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Lytton, Marion R. 2,849,274.
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McNeer, Rembert, and Hunter. 2,821,489.
Millne, David T. 2,845,357.
Phifer, Lyle H. 2,864,279.
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- American Welding & Mfg. Co., The: *See*—
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- American Wheelabrator & Equipment Corp.: *See*—
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- Amerio, Pasquale, Refrigerating plate unit. 2,830,799, 4-15-58, Cl. 257-256.
- Amerio, Pasquale, and A. L. Kraft, to Amerio Refrigerating Equipment Co., Inc. Conveyor system. 2,842,253, 7-8-58, Cl. 198-31.
- Amerio Refrigerating Equipment Co., Inc.: *See*—
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- Amerock Corp.: *See*—
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Erickson, Karl H. 2,849,749.
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- Amery, George B. Plotting subsurface seismic reflecting boundaries. 2,842,849, 7-15-58, Cl. 33-79.
- Ames, Arnold M.: *See*—
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- Ames Harris Neville Co.: *See*—
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- Ames, John B. Container for food products. 2,827,939, 3-25-58, Cl. 150-1.
- Ames, O., Co.: *See*—
Eads, Harold O., and Exline. 2,845,993.
- Ames, Robert G., $\frac{1}{2}$ to G. W. Williams, and $\frac{1}{4}$ to S. Ames. Automatic feed paint and texture applicator. 2,824,326, 2-25-58, Cl. 15-132.5.
- Ames, Robert G., $\frac{1}{2}$ to G. W. Williams, and $\frac{1}{4}$ to S. Ames. Mastic applicator and finishing tool. 2,824,442, 2-25-58, Cl. 72-130.
- Ames, Robert G., $\frac{1}{2}$ to G. W. Williams, and $\frac{1}{4}$ to S. Ames. Corner-finishing tool head for applying mastic. 2,824,443, 2-25-58, Cl. 72-130.
- Ames, Robert G., $\frac{1}{4}$ to S. Ames, $\frac{1}{6}$ to K. A. Williams, $\frac{1}{6}$ to L. W. Rosebrook, and $\frac{1}{6}$ to G. W. Williams III. Automatic feed caulking gun. 2,862,382, 12-2-58, Cl. 72-130.
- Ames, Robert S. to Goodyear Aircraft Corp. Methods and apparatus for making multi-axially stretched aircraft canopies and the like. 2,856,634, 10-21-58, Cl. 18-19.
- Ames, Stanley: *See*—
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- Ames, Warren C.: *See*—
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- Amesz, Wilhelm G.: *See*—
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- Amey, William G., and W. R. Clark, to Leeds and Northrup Co. Arrangements for providing standardized voltage or current. 2,830,252, 4-8-58, Cl. 323-22.
- Amiard, Gaston: *See*—
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- Amlet, Oscar, to Christen & Co. A. G. Machine for sharpening drills. 2,866,302, 12-30-58, Cl. 51-219.
- Amiguet, Jose. Sealing envelopes. 2,819,010, 1-7-58, Cl. 229-62.
- Amlee, Richard E., to Gould-National Batteries, Inc. Flashlight with battery locking device. 2,848,598, 8-19-58, Cl. 240-10.66.
- Amliott, Norman J., to General Motors Corp. Cleaner silencer assembly. 2,862,572, 12-2-58, Cl. 183-44.
- Ammafoco S. A.: *See*—
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- Ammann, Max W. Dry shaver including adjusting collar and releasable locking means therefor. 2,856,684, 10-21-58, Cl. 30-43.
- Ammono Tools, Inc.: *See*—
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Billeter, Henry R. 2,830,469.
- Ammon, Francis D.: *See*—
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- Ammerman, George E., to The Edwin L. Wiegand Co. Electric heating apparatus. 2,824,944, 2-25-58, Cl. 219-37.
- Ammerman, George E., to Edwin L. Wiegand Co. Heater mounting means. 2,828,403, 3-25-58, Cl. 219-37.
- Ammerman, George E., to Edwin L. Wiegand Co. Electric heating device. 2,854,559, 9-30-58, Cl. 219-37.
- Ammon, Roscoe A. Moving coil instrument. 2,840,767, 6-24-58, Cl. 317-166.
- Ammon, Roscoe A. Electrical meter movement. 2,840,782, 6-24-58, Cl. 324-150.
- Ammons, Joseph L. Refrigeration systems. 2,863,299, 12-9-58, Cl. 62-157.
- Amonette, Edward L., and G. W. Rodgers, to the United States of America as represented by the United States Atomic Energy Commission. Automatic calibrating system for pressure transducers. 2,818,726, 1-7-58, Cl. 73-4.
- Amori, Joseph A. Swinging rotary knife fruit halver. 2,823,717, 2-18-58, Cl. 146-73.
- Amori, Joseph A. Fruit orienting and cutting system. 2,827,089, 3-18-58, Cl. 146-73.
- Amori, Joseph A. Suspension and control mechanism for shaker table. 2,856,073, 10-14-58, Cl. 209-415.
- Amoruso, Joseph. Veneer wall construction. 2,832,102, 4-29-58, Cl. 20-4.
- Amos, Homer, and E. T. Strickland, to Pastushin Aviation Corp. Jetisonable fuel tank construction. 2,833,261, 6-10-48, Cl. 244-135.
- Amos, James L., and A. F. Roche, to The Dow Chemical Co. Removal of volatile ingredients from thermoplastic polymers. 2,849,480, 8-26-58, Cl. 260-93.5.
- Amos, James L., F. J. Soderquist, and R. H. Allen, to The Dow Chemical Co. Method for production of orthovinyltoluene. 2,857,440, 10-21-58, Cl. 260-669.
- Amourig, Paul A., to Brion, Leroux & Cie. Miniature electromagnetic relay. 2,848,661, 8-19-58, Cl. 317-165.
- Ampatco Laboratories Corp.: *See*—
Hornauer, Willy H. O. 2,846,649.
Marrgraf, Kurt A. 2,846,207.
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- Ampco Metal, Inc.: *See*—
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- Ampex Corp.: *See*—
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- Amroc Incorporated: *See*—
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- Amron (Israel), Ltd.: *See*—
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- Amsen, Alfred W., to Red Devil Tools. Abrasive article. 2,820,281, 1-21-58, Cl. 29-78.
- Amsler Morton Corp.: *See*—
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- Amster, Lester E.: *See*—
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- Amtsberg, Lester A., to Chicago Pneumatic Tool Co. Impact clutch. 2,825,436, 3-4-58, Cl. 192-30.5.
- Amundsen, Hyrum J., Jr., and E. N. Rosenberg. Pressure indicator. 2,846,664, 8-5-58, Cl. 340-58.
- Amundson, Earl R., to Thermoflector Corp. Insulated hollow block wall. 2,852,933, 9-23-58, Cl. 72-41.
- Amundson, Earl R., to Thermoflector Corp. Insulated hollow building blocks. 2,852,934, 9-23-58, Cl. 72-41.
- Anaconda Co., The: *See*—
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- Anaconda Wire and Cable Co.: *See*—
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- Anagnostopoulos, Constantine E., and R. J. Wineman, to Monsanto Chemical Co. Hydroxy mercaptopropionic acids and derivatives thereof. 2,828,208, 3-25-58, Cl. 99-4.
- Anagnostopoulos, Constantine E., and E. T. Hsu, to Monsanto Chemical Co. Chlorination procedure. 2,836,592, 5-27-58, Cl. 260-239.3.
- Anallite Corp.: *See*—
Porteous, James. 2,831,966.
- Anander, Andrew K., to Powers Chemco, Inc. Roll film sheet dispenser. 2,836,373, 5-27-58, Cl. 242-55.4.
- Anania, James A., 25% to F. L. Knecht, and 50% to W. J. Matt, Jr. Grinding machines for cutter tools. 2,851,832, 9-16-58, Cl. 51-218.
- Anas, Thomas: *See*—
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- Anas, Thomas, to Monsanto Chemical Co. Thermoplastic aminoplasts prepared from toluene sulfonamide and a methylol amino compound. 2,852,489, 9-16-58, Cl. 260-67.6.
- Anastopoulos, John A., to General Electric Co. Electrical capacitor assembly. 2,824,264, 2-18-58, Cl. 317-99.
- Ancell, James E.: *See*—
Wiegand, David E., and Ancell. 2,848,560.
- Ancet, Victor M. J., and Marius Fayolle, also known as Marcel Fayolle. Shuttleless weaving loom. 2,837,124, 6-3-58, Cl. 139-123.
- Anchem Products: *See*—
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- Anchor Hocking Glass Corp.: *See*—
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Stover, Harry E. 2,863,588.
- Anchor Mfg. Co.: *See*—
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- Ancienne Manufacture d'Horlogerie, Patek, Philippe & Co. S. A.: *See*—
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- Anciens Etablissements A. Savy Jeanjean & Cie: *See*—
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- Anco Mfg. Corp.: *See*—
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- Andean Corp.: *See*—
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Tolman, John A., O'Farrell. 2,847,065.
- Ander, Eric B., to Minneapolis-Honeywell Regulator Co. Electromagnetic actuators. 2,820,183, 1-14-58, Cl. 317-172.
- Ander, Eric B., to Minneapolis-Honeywell Regulator Co. Solenoid valve. 2,862,684, 12-2-58, Cl. 251-130.
- Andera, Edward J. Livestock watering fountain. 2,844,124, 7-22-58, Cl. 119-75.
- Anderau, Walter: *See*—
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- Anderegg, Allen C. and P. M. Hydraulic saw mill long piston carriage feed. 2,822,006, 2-4-58, Cl. 143-108.
- Anderegg, Phillip M.: *See*—
Anderegg, Allen C. and P. M. 2,822,006.
- Anderle, Joseph A., to Lorentzen Hardware Mfg. Corp. Venetian blind bottom bar organization. 2,861,631, 11-25-58, Cl. 160-173.
- Anders, Frederick W., to Allith-Prouty, Inc. Perforating machine. 2,827,963, 3-25-58, Cl. 164-114.
- Anders, Ulrich W. P., to Daimler-Benz Aktiengesellschaft. Governing system for a fuel feed device. 2,825,321, 3-4-58, Cl. 123-140.
- Andersen, Carl N., and W. T. Somerville, to Van Ameringen-Haebler, Inc. Hair waving compositions containing secondary amino aliphatic alcohol dithiocarbamates. 2,841,530, 7-1-58, Cl. 167-87.1.
- Andersen, Clifford, to The Rudolph Wurlitzer Co. Piano action. 2,850,933, 9-9-58, Cl. 84-404.
- Andersen Corp.: *See*—
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- Andersen, Gertrude L. Book holder. 2,828,577, 4-1-58, Cl. 45-80.
- Andersen, John N., to Stauffer Chemical Co. Use of slag for agglomeration of rutile for shaft furnace chlorination. 2,842,425, 7-8-58, Cl. 23-87.
- Andersen, Leif M., to J. S. Lien. Visible indicating device for adding machines of the printing type, such as for cash registers. 2,853,233, 9-23-58, Cl. 235-23.
- Andersen, Niels E., to F. L. Smith & Co. Slurry heat exchanger. 2,836,903, 6-3-58, Cl. 34-109.
- Andersen, Raymond C., to Flexonics Corp. Machine for corrugating a tube and collapsing the corrugations. 2,845,988, 8-5-58, Cl. 153-73.
- Andersen, Soren K., to The Garrett Corp. Water separator. 2,823,760, 2-18-58, Cl. 183-39.
- Andersen, Soren K., to The Garrett Corp. Axial flow oil cooler having cross baffles. 2,830,798, 4-15-58, Cl. 257-128.
- Andersen, Tengel: *See*—
Anderson, Arthur C., and Andersen. 2,828,598.
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- Anderson, A. C., Inc.: *See*—
Anderson, Arthur C., and Andersen. 2,828,598.
Anderson, Arthur C., and Andersen. 2,843,947.
- Anderson, Aaron W. Magnetic marker wire. 2,854,840, 10-7-58, Cl. 72-16.
- Anderson, Albert J. M., Mfg. Co.: *See*—
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- Anderson, Alfred B. C.: *See*—
Barkas, Walter H., and Anderson. 2,864,056.
- Anderson, Allan G. Grappling apparatus. 2,832,629, 4-29-58, Cl. 294-63.
- Anderson, Allan G. Apparatus for loading and unloading bricks and the like. 2,857,062, 10-21-58, Cl. 214-75.
- Anderson, Andrew W., to Scandia Mfg. Co. Sheet feeding and cutting mechanism. 2,837,978, 6-10-58, Cl. 93-1.
- Anderson, Arnold N.: *See*—
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- Anderson, Arnold N. Automatic transfer switch. 2,841,666, 7-1-58, Cl. 200-50.
- Anderson, Arthur A., to Minnesota Mining & Mfg. Co. Tape applying machine. 2,833,438, 5-6-58, Cl. 216-33.
- Anderson, Arthur A., to Minnesota Mining & Mfg. Co. Device for cutting ornamental simulated carnations. 2,851,102, 9-9-58, Cl. 164-38.
- Anderson, Arthur C., and T. Andersen, to A. C. Anderson, Inc. Bulldozer and loader attachment. 2,843,947, 7-22-58, Cl. 37-117.5.
- Anderson, Arthur C., and T. Andersen, to A. C. Anderson, Inc. Reciprocating cutting assembly with hydraulic control means. 2,828,598, 4-1-58, Cl. 56-25.
- Anderson, Arthur F.: *See*—
Newcomer, Harry S., and Anderson. 2,866,383.
- Anderson, Arthur W.: *See*—
Windover, Francis E., Anderson, and Greminger. 2,839,419.
- Anderson, Arthur W., to The Burdick Corp. Multiple switch construction. 2,841,663, 7-1-58, Cl. 200-18.
- Anderson, Arthur W., B. V. Moeller, and M. H. Weymouth, to The Dow Chemical Co. Method for the preparation of cold-water-soluble forms of cellulose ethers. 2,854,448, 9-30-58, Cl. 260-232.
- Anderson, Arthur W., J. M. Bruce, Jr., and E. L. Fallwell, to E. I. du Pont de Nemours and Co. Polymerization of ethylene. 2,862,917, 12-2-58, Cl. 260-94.9.
- Anderson, Arvid A., to Kaiser Aluminum & Chemical Corp. Apparatus and process for heating liquids. 2,820,620, 1-21-58, Cl. 261-124.
- Anderson, Axel, to Sundstrand Machine Tool Co. Coolant filter. 2,851,163, 9-9-58, Cl. 210-387.
- Anderson, Billy J. Diaper folding machines. 2,848,220, 8-19-58, Cl. 270-84.
- Anderson-Bolling Mfg. Co.: *See*—
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- Anderson, Carl A., to Anson Inc. Bill fold clip. 2,824,590, 2-25-58, Cl. 150-38.
- Anderson, Carl A., to Anson, Inc. Bill fold clip. 2,824,591, 2-25-58, Cl. 150-38.
- Anderson, Carl E., to Anderson-Bolling Mfg. Co. Sliding clamp. 2,831,646, 4-22-58, Cl. 248-63.
- Anderson, Carl E., to S. H. Camp & Co. Traction legging. 2,854,000, 9-30-58, Cl. 128-84.
- Anderson, Carl E., and K. W. Ehlers, to United States of America, Atomic Energy Commission. Pulsed ion source. 2,839,706, 6-17-58, Cl. 315-111.
- Anderson, Carl E., and S. D. Hamren, to General Electric Co. Non-consumable inert gas welding electrodes. 2,862,288, 12-2-58, Cl. 29-182.5.
- Anderson, Carl L., to Raytheon Mfg. Co. Shielding device and structure thereof. 2,827,507, 3-18-58, Cl. 174-35.

- Anderson, Carl P.: See—
Kleinschmidt, Edward F., and Anderson. 2,824,914.
Kleinschmidt, Edward F., and Anderson. 2,827,245.
- Anderson, Carl P., to Kleinschmidt Laboratories, Inc. Snap switch. 2,844,674, 7-22-58, Cl. 200—61.16.
- Anderson, Chester B., to Ford Motor Co. Bearing assembly. 2,856,247, 10-14-58, Cl. 308—212.
- Anderson, Christopher E.: See—
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- Anderson, Clarence A. F., to The Shaw-Walker Co. Follower plates for filing cabinets. 2,850,017, 9-2-58, Cl. 129—28.
- Anderson, Clarence M., to Anderson Tool & Mfg. Co. Knife. 2,862,296, 12-2-58, Cl. 30—162.
- Anderson, Clarence W., to Norton Co. Diamond cut-off wheel. Re. 24,576, 12-16-58, Cl. 51—206.
- Anderson, Clarence W. Supporting and centering clamps for cam blanks in cam cutting tools. 2,839,969, 6-24-58, Cl. 90—59.
- Anderson, Clayton & Co.: See—
Perry, Joseph R. 2,828,880.
Phillips, William F. 2,858,022.
Sinclair, Stuart W. 2,822,949.
- Anderson, Cleon P., to Transportation Venders, Inc. Dispensers. 2,832,453, 4-29-58, Cl. 194—57.
- Anderson, Cleophas E., to Thermo Electric Mfg. Co. Flask heaters. 2,842,654, 7-8-58, Cl. 219—43.
- Anderson Co., The: See—
Krohm, Fred A. 2,844,838.
Krohm, Fred A. 2,844,839.
Krohm, Fred A. 2,844,966.
Krohm, Fred A. 2,845,032.
Krohm, Fred A. 2,860,364.
Krohm, Fred A. 2,860,365.
- Anderson Controls, Inc.: See—
Grover, Philip D. 2,861,143.
- Anderson, Cordie: See—
Anderson, Harvey H. 2,836,950.
- Anderson, Dale L., P. F. Shaffer, E. M. Harwell, R. H. Knowles, and E. F. Nash, to United States of America, Agriculture. Smear remover for power meat saws. 2,831,519, 4-22-58, Cl. 146—88.
- Anderson, Daphne W. Refrigerated baby kit. 2,825,208, 3-4-58, Cl. 62—81.
- Anderson, David B., to Wood Conversion Co. Wallboard clip. 2,831,222, 4-22-58, Cl. 20—92.
- Anderson, David E. Gauge assembly. 2,838,841, 6-17-58, Cl. 33—174.
- Anderson, Dean B., to Hazeltine Research, Inc. Tunable electrical resonator. 2,857,574, 10-21-58, Cl. 332—29.
- Anderson, Donald C. Lampshade antenna. 2,860,337, 11-11-58, Cl. 343—721.
- Anderson, Donald E., and G. I. Lindberg, to United States Steel Corp. Apparatus for handling elongated articles. 2,856,895, 10-21-58, Cl. 118—423.
- Anderson, Donald G., to Minneapolis-Honeywell Regulator Co. Pinch-off valve. 2,842,331, 7-8-58, Cl. 251—6.
- Anderson, Donald H., to H. D. Hudson Mfg. Co. Compression sprayer. 2,853,212, 9-23-58, Cl. 222—402.
- Anderson, Donald L., 1/2 to E. B. Anderson and 1/2 to W. H. Stark. Shaft bearing. 2,865,689, 12-23-58, Cl. 308—184.
- Anderson, Doyle. Suspension sling. 2,819,923, 1-14-58, Cl. 294—74.
- Anderson, Edmund B.: See—
Anderson, Donald L. 2,865,689.
- Anderson, Edward L., to Goodman Mfg. Co. Adjustable trimmer bar for boring type mining machine. Re. 24,480, 6-3-58, Cl. 262—7.
- Anderson, Edwin B., to Eastern Tool & Mfg. Co. Lawn rake. 2,850,865, 9-9-58, Cl. 56—400.17.
- Anderson, Elmer E. Wheel cover. 2,849,045, 8-26-58, Cl. 150—54.
- Anderson, Elmer G.: See—
Varrin, Albert, and Anderson. 2,848,886.
- Anderson, Emil, to Electrolux Corp. Multiple purpose nozzle. 2,857,615, 10-28-58, Cl. 15—373.
- Anderson, Eric E.: See—
Cantlin, John H., and Anderson. 2,820,840.
- Anderson, Eric E., to National Pneumatic Co. Inc. Signaling devices. 2,828,359, 3-25-58, Cl. 179—1.
- Anderson, Ernest L. Wood casement windows. 2,830,333, 4-15-58, Cl. 20—53.
- Anderson, Floyd E.: See—
Scudi, John V., and Anderson. 2,832,791.
- Anderson, Foster R. Diaper rinsing device. 2,829,377, 4-8-58, Cl. 4—1.
- Anderson, Frank A. Ice cream freezer for use in a refrigerated compartment. 2,849,868, 9-2-58, Cl. 62—342.
- Anderson, Frithiof B., and J. O. Edson, to Bell Telephone Laboratories, Inc. Communication system; intermediate relay repeater station. 2,833,861, 5-6-58, Cl. 179—15.
- Anderson, Frohman. Apparatus for forming sheets into compound curves by drawing over forming elements in a succession of forming stages. 2,851,080, 9-9-58, Cl. 153—2.
- Anderson, Gar A. Apparatus for cleaning paint rollers. 2,831,488, 4-22-58, Cl. 134—138.
- Anderson, George: See—
Deinlein, Victor E., and Anderson. 2,832,712.
- Anderson, George G., and L. C. Hanson, to Ferro Corp. Electric heating unit assembly. 2,834,863, 5-13-58, Cl. 219—37.
- Anderson, George R.: See—
Cunningham, Edwin A., Jr., and Anderson. 2,842,151.
- Anderson, Gordon C.: See—
West, Paul B., and Anderson. 2,866,232.
- Anderson, Greenwood & Co.: See—
Greenwood, Marvin H., and Francis. 2,820,474.
- Anderson, Gunnar E.: See—
Taylor, Owen L., and Anderson. 2,858,384.
- Anderson, Harold L., to General Motors Corp. Support for an electric motor. 2,838,262, 6-10-58, Cl. 248—26.
- Anderson, Harold R. Filing device. 2,866,677, 12-30-58, Cl. 312—320.
- Anderson, Harry N. Variable height table. 2,829,936, 4-8-58, Cl. 311—95.
- Anderson, Harry V., 1/2 to J. M. Abeln. Buckle. 2,823,437, 2-18-58, Cl. 24—197.
- Anderson, Harvey H., deceased, by C. Anderson. Tobacco cutting machine. 2,836,950, 6-3-58, Cl. 56—27.5.
- Anderson, Henry G.: See—
Dale, Walter P., and Anderson. 2,830,787.
- Anderson, Henry J., and L. O. Carlsen, to The Gleason Works. Gear cutting machine with automatic loader. 2,834,258, 5-13-58, Cl. 90—1.
- Anderson, Henry W.: See—
Warren, Grant E., Anderson, and Ratner. 2,839,470.
- Anderson, Herbert L.: See—
Fermi, Enrico, Zinn, and Anderson. 2,852,461.
- Anderson, Herbert L., to United States of America, Atomic Energy Commission. Neutronic reactors. 2,855,354, 10-7-58, Cl. 204—193.2.
- Anderson, Hilding A., to Kleinschmidt Laboratories, Inc. Automatic carriage return and line feed mechanism. 2,824,169, 2-18-58, Cl. 178—23.
- Anderson, Hubert D. Portable air cooler. 2,841,964, 7-8-58, Cl. 62—426.
- Anderson, Irvin F. Interchangeable triple view sign. 2,847,783, 8-19-58, Cl. 40—137.
- Anderson, Ivar J.: See—
Reese, Richard M., and Anderson. 2,842,026.
- Anderson, Irving F., and R. F. Butler, to Allied Chemical & Dye Corp. Production of acrylonitrile from hydrocyanic acid and acetylene. 2,838,134, 6-10-58, Cl. 183—115.
- Anderson, J. Edward C., to Borg-Warner Corp. Self-locking fluid motor. 2,845,902, 8-5-58, Cl. 121—40.
- Anderson, Jack H., to General Motors Corp. Resilient tube to plate connection. 2,861,820, 11-25-58, Cl. 285—189.
- Anderson, James, to The Kinnear Mfg. Co. Rolling door. 2,839,135, 6-17-58, Cl. 160—133.
- Anderson, James H., to Borg-Warner Corp. Rotary compressor. 2,830,755, 4-15-58, Cl. 230—132.
- Anderson, James K. F. W. Herrick, and K. R. Gray, to Rayonier Inc. Chemical products from bark. 2,845,450, 7-29-58, Cl. 260—473.5.
- Anderson, James M. Formboard support. 2,846,750, 8-12-58, Cl. 25—131.5.
- Anderson, James O. Remote control switch. 2,866,867, 12-30-58, Cl. 200—87.
- Anderson, James T. Beverage maker. 2,822,273, 2-4-58, Cl. 99—77.1.
- Anderson, James W. Stock watering trough with heating tank. 2,865,327, 12-23-58, Cl. 119—73.
- Anderson, John E., to Minneapolis-Honeywell Regulator Co. Tank unit mounting means. 2,824,270, 2-18-58, Cl. 317—246.
- Anderson, John G.: See—
Davey, Sidney M., and Anderson. 2,847,810.
- Anderson, John G., to General Electric Co. Electric relay device. 2,859,303, 11-4-58, Cl. 200—112.
- Anderson, John N., to Noranda Mines Ltd. Method for reducing metal losses in reverberatory furnace slag. 2,837,263, 10-21-58, Cl. 75—24.
- Anderson, John R.: See—
Murray, James V., Jr., Young and Anderson. 2,837,585.
- Anderson, John R., to Bell Telephone Laboratories, Inc. Pulse signaling circuit. 2,864,079, 12-9-58, Cl. 340—359.
- Anderson, John R., and D. L. Janoff, to Heppenstall Co. Movable load supporting device. 2,823,944, 2-18-58, Cl. 294—82.
- Anderson, John R., and D. W. Peck, to Union Carbide Corp. Extraction of indoles. 2,837,531, 6-3-58, Cl. 260—319.
- Anderson, John R., and R. M. Wolfe, to Bell Telephone Laboratories, Inc. Electrical circuits employing ferroelectric capacitors. 2,839,739, 6-17-58, Cl. 340—173.
- Anderson, John T. Milk carton pitcher. 2,835,414, 5-20-58, Cl. 222—183.
- Anderson, John W. Cosmetic cake expellant holder. 2,827,164, 3-18-58, Cl. 206—56.
- Anderson, John W. Grass catcher for lawn mowers. 2,862,346, 12-2-58, Cl. 56—194.
- Anderson, Joseph M., and F. B. Porter, Jr., to American Cyanamid Co. Continuous manufacture of liquid rosin size. 2,842,453, 7-8-58, Cl. 106—238.
- Anderson, Kador G., and S. Close; said Close assor. to said Anderson. Incinerator. 2,863,406, 12-9-58, Cl. 110—18.
- Anderson, Kenneth A., to American Machine and Metals, Inc. Bag holding means. 2,821,305, 1-28-58, Cl. 210—455.
- Anderson, Leland J., and C. W. Stoner, to Ben-Hur Mfg. Co. Combination freezer and dehumidifier. 2,865,181, 12-23-58, Cl. 62—199.

- Anderson, Lester F., S. R. Bennett, and J. J. Wellendorf, to Sylvania Electric Products Inc. High-intensity photo-flash lamp. 2,865,186, 12-23-58, Cl. 67-31.
- Anderson, Lloyd L., to Jervis Corp. Latch mechanism. 2,859,999, 11-11-58, Cl. 292-336.
- Anderson, Lloyd R. Non-loosening hinge. 2,853,747, 9-30-58, Cl. 20-16.
- Anderson, Lynn H. Venous catheter. 2,829,644, 4-8-58, Cl. 128-221.
- Anderson, Martin E.: *See—*
Requa, Roy, and Anderson. 2,846,039.
- Anderson, Martin O., and E. H. Troselium. Foldable rule. 2,842,850, 7-15-58, Cl. 33-105.
- Anderson, Maurice K. Symptomatic imprinting insoles and sole printing packs. 2,856,771, 10-21-58, Cl. 73-172.
- Anderson, Mauritz G., and C. F. Smith, to Swift & Co. Method of puffing bacon rinds. 2,855,309, 10-7-58, Cl. 99-107.
- Anderson, Mauritz L., and F. T. Hill, to Raytheon Mfg. Co. Semimetallic resistive filaments. 2,845,515, 7-29-58, Cl. 201-63.
- Anderson, Maynard C., and N. Cole. Slide for rigid shank cultivator. 2,860,565, 11-18-58, Cl. 97-179.
- Anderson, Melvin F., and M. Franco, to United States of America as represented by the Secretary of the Air Force. Synchronization system. 2,824,271, 2-18-58, Cl. 318-85.
- Anderson, Neville R. Grease-lubricated air power cylinder. 2,843,220, 7-15-58, Cl. 184-18.
- Anderson, Nils K.: *See—*
Garbade, William H., and Anderson. 2,857,634.
- Anderson, Norman, to Sir George Godfrey & Partners (Holdings) Ltd. Shaft or like bearings. 2,864,552, 12-16-58, Cl. 230-116.
- Anderson, Norman C., to Electronics Corp. of America. Photoconductive target. 2,861,161, 11-18-58, Cl. 201-63.
- Anderson, Norman L., to Allied Chemical Corp. N,n'disubstituted - 3,7 - diamino-pulsulfodibenzothiophene-dioxides. 2,845,423, 7-29-58, Cl. 260-249.6.
- Anderson, Olof V., to Anson Inc. Insignia carrying device. 2,860,395, 11-18-58, Cl. 24-90.
- Anderson, Orin M.: *See—*
Thurmond, Jimmie V., Anderson, Ferrari, and Dean. 2,862,632.
- Anderson, Orson L., to Bell Telephone Laboratories, Inc. Treatment of glass. 2,865,139, 12-23-58, Cl. 49-89.
- Anderson, Paul E.: *See—*
Wagner, Howard A., and Anderson. 2,866,171.
- Anderson, Paul E., to Western Electric Co., Inc. Apparatus for assembling insulating washers on relay cores. 2,837,814, 6-10-58, Cl. 29-252.
- Anderson, Paul E., and H. G. Cahill, to Western Electric Co., Inc. Spoolhead coil lead threading and assembling machine. 2,820,283, 1-21-58, Cl. 29-203.
- Anderson, Paul E., and S. A. Stam, to the United States of America as represented by the Secretary of the Army. Contact latch mechanism. 2,830,496, 4-15-58, Cl. 89-1.7.
- Anderson, Paul E., and S. A. Stam, to Harvey Machine Co., Inc. Control mechanism. 2,847,020, 8-12-58, Cl. 137-36.
- Anderson, Paul E., and S. A. Stam, to Harvey Machine Co., Inc. Fluid driven power unit. 2,847,186, 8-12-58, Cl. 253-59.
- Anderson, Paul T.: *See—*
Ramsey, James B., and Anderson. 2,831,943.
- Anderson, Paul T., and J. B. Ramsey, to Westinghouse Electric Corp. Ambient-compensated thermal overload relays. 2,840,664, 6-24-58, Cl. 200-113.
- Anderson, Philip P., Jr., to Arkla Air Conditioning Corp. Air conditioning. 2,851,255, 9-9-58, Cl. 257-9.
- Anderson, Philip P., Jr., to Arkla Air Conditioning Corp. Air conditioning. 2,853,276, 9-23-58, Cl. 257-9.
- Anderson, Ralph A.: *See—*
Sperry, Albert F., and Anderson. 2,825,620.
- Anderson, Ralph A. Adjustable support. 2,863,626, 12-9-58, Cl. 248-125.
- Anderson, Ralph F.: *See—*
Anderson, Swan F. 2,825,435.
Hesseltine, Clifford W., and Anderson. 2,865,814.
Stone, Roy A., and Anderson. 2,833,583.
- Anderson, Ralph F. Capping apparatus. 2,849,847, 9-2-58, Cl. 52-310.
- Anderson, Ralph F., and M. Heifetz, to R. F. Anderson. Cup filler and capper. 2,863,271, 12-9-58, Cl. 53-276.
- Anderson, Ralph L.: *See—*
Landrum, Frank C., and Anderson. 2,856,936.
- Anderson, Richard M.: *See—*
Todd, Alexander W., Anderson, and Fleming. 2,851,828.
- Anderson, Richard W.: *See—*
Johnson, Warren C., and Anderson. 2,849,638.
- Anderson, Robert A.: *See—*
Borcher, Charles A., Anderson, and Plumley. 2,821,138.
- Anderson, Robert C. Comparative ratio indicator. 2,858,068, 10-28-58, Cl. 235-61.
- Anderson, Robert F., R. P. Flagg, and R. T. Osen, to Minneapolis-Honeywell Regulator Co. Thermoelectric generator and method of making the same. 2,843,647, 7-15-58, Cl. 136-4.
- Anderson, Robert J. Sugar cane planter. 2,840,269, 6-24-58, Cl. 221-185.
- Anderson, Robert J., to The Andersons. Corncob crusher including a toothed roll and adjustably positioned grate. 2,853,247, 9-23-58, Cl. 241-190.
- Anderson, Robert J., V. W. Gennert, and A. E. Lepley, to Thompson Products, Inc. Turbine speed control. 2,823,685, 2-18-58, Cl. 137-29.
- Anderson, Robert J., V. W. Gennert, and A. E. Lepley, to Thompson Products, Inc. Turbine control. 2,823,686, 2-18-58, Cl. 137-29.
- Anderson, Robert M., P. A. Deli, and J. D. Nelson, to General Electric Co. Flash lamp. 2,857,752, 10-28-58, Cl. 67-31.
- Anderson, Robert T. Auxiliary wheel attachment for tricycle. 2,836,427, 5-27-58, Cl. 280-7.1.
- Anderson, Robert V.: *See—*
Glueckstein, Henry J., and Anderson. 2,857,782.
- Anderson, Robert V., to General Precision Laboratory Inc. Video modulator. 2,854,635, 9-30-58, Cl. 332-60.
- Anderson, Roger W.: *See—*
Allen, Arthur L., Anderson, and Powell. 2,859,156.
- Anderson, Roy E., to General Electric Co. Method and apparatus for measuring thickness. 2,856,582, 10-14-58, Cl. 324-61.
- Anderson, Rral L. Pipe pulling machine. 2,843,358, 7-15-58, Cl. 254-30.
- Anderson, Russell M. Barbers' cloth. 2,865,023, 12-23-58, Cl. 2-50.
- Anderson, Swan F., to R. F. Anderson. Latch operated clutch with pivoted dog. 2,825,435, 3-4-58, Cl. 192-22.
- Anderson, Thomas W. Weather strip for hinged doors. 2,839,797, 6-24-58, Cl. 20-68.
- Anderson Tool & Mfg. Co.: *See—*
Anderson, Clarence M. 2,862,296.
- Anderson, Tore N., to Airtro, Inc. Microwave polarization apparatus. 2,866,972, 12-30-58, Cl. 343-755.
- Anderson, Trevor J., to The British Thomson-Houston Co. Ltd. High altitude electrical equipment. 2,833,946, 5-6-58, Cl. 310-228.
- Anderson, V. E., Mfg. Co.: *See—*
Anderson, Victor E. 2,823,772.
Anderson, Victor E. 2,836,269.
Anderson, Victor E. 2,838,146.
Anderson, Victor E. 2,840,201.
- Anderson, Victor E., to V. E. Anderson Mfg. Co. Aluminum door construction. 2,823,772, 2-18-58, Cl. 189-46.
- Anderson, Victor E., to Prentice Machine Work, Inc. Automatic patch strip feed for patching machine. 2,826,336, 3-11-58, Cl. 221-232.
- Anderson, Victor E., to V. E. Anderson Mfg. Co. Metallic door and hinge assembly. 2,836,269, 5-27-58, Cl. 189-46.
- Anderson, Victor E., to V. E. Anderson Mfg. Co. Aluminum jalousie door assembly. 2,838,146, 6-10-58, Cl. 189-46.
- Anderson, Victor E., to V. E. Anderson Mfg. Co. Door frame. 2,840,201, 6-24-58, Cl. 189-46.
- Anderson, Victor G., to Pictorial Productions, Inc. Ocular toy. 2,832,593, 4-29-58, Cl. 272-8.
- Anderson, Vyrion E., to Cedar Rapids Engineering Co. Engine reconditioning equipment. 2,834,233, 5-13-58, Cl. 77-2.
- Anderson, Vyrion E., to Cedar Rapids Engineering Co. Engine reconditioning equipment. 2,864,268, 12-16-58, Cl. 77-2.
- Anderson, Walter A., to Underwood Corp. Paper feeding means for an accounting machine. 2,827,145, 3-18-58, Cl. 197-128.
- Anderson, Walter A., to Underwood Corp. Ten key early entry and index retention mechanism. 2,827,230, 3-18-58, Cl. 235-60.
- Anderson, Walter A., to Underwood Corp. Machine stand with floating top. 2,844,342, 7-22-58, Cl. 248-13.
- Anderson, Walter A. Attachment for table saws to produce circular discs and cylinders. 2,847,044, 8-12-58, Cl. 143-171.
- Anderson, Walter A., to Underwood Corp. Control means for accounting machine. 2,861,746, 11-25-58, Cl. 235-62.
- Anderson, Walter J., to Chicago Musical Instrument Co. Electrical musical instrument. 2,819,640, 1-14-58, Cl. 84-126.
- Anderson, Walter J., to Chicago Musical Instrument Co. Electrical musical instrument. 2,823,310, 2-11-58, Cl. 250-27.
- Anderson, Walter J., to Chicago Music Instrument Co. Cascaded triode-pentode counter circuit. 2,826,688, 3-11-58, Cl. 250-27.
- Anderson, Walter J., to Chicago Musical Instrument Co. Electrical musical instrument. 2,854,879, 10-7-58, Cl. 84-124.
- Anderson, Walter J., and H. E. Holman, to Chicago Musical Instrument Co. Attack and decay system using triode-pentode tubes. 2,818,762, 1-7-58, Cl. 84-126.
- Anderson, Walter L.: *See—*
Daniels, Howard L., and Anderson. 2,860,314.
- Anderson, Warren W., and D. J. Hammerand, to Vapor Heating Corp. Electrical contactor. 2,844,684, 7-22-58, Cl. 200-93.
- Anderson, Wilbur G., Jr., to American Box Board Co. Ice cream receptacle. 2,826,351, 3-11-48, Cl. 229-39.
- Anderson, William A., to Aluminum Co. of America. Aluminum base alloy article. 2,826,518, 3-11-58, Cl. 148-32.
- Anderson, William A., to Aluminum Co. of America. Aluminum base alloy article. 2,826,519, 3-11-48, Cl. 148-32.
- Anderson, William M.: *See—*
Dixon, Frederick A., and Anderson. 2,827,290.

- Anderson, William R. Insect electrocution apparatus. 2,821,806, 2-4-58, Cl. 43-112.
- Anderson, William S., to J. E. Axeman. Liquid heater using burned fuel heating gases. 2,837,064, 6-3-58, Cl. 122-165.
- Anderson, William T., Jr., and R. W. Samer, to Engelhard Industries, Inc. Electric discharge lamp. 2,847,614, 8-12-58, Cl. 315-46.
- Anderson, Wilmer C., to Deering Milliken Research Trust. Lap roll analyzer. 2,820,297, 1-21-58, Cl. 33-148.
- Anderson, Wilmer C., to The Liquidometer Corp. Pneumatic apparatus for measuring liquid quantity in a closed tank. 2,849,881, 9-2-58, Cl. 73-290.
- Anderson, Wilmer C., and A. D. Gronner, to The Liquidometer Corp. Fluid level-measuring system. 2,853,878, 9-30-58, Cl. 73-313.
- Andersson, The: See—
- Anderson, Robert J. 2,853,247.
- Andersson, Björn E., to Atlas Copco Aktiebolag. Extensible ladder for driving raises. 2,855,188, 10-7-58, Cl. 262-8.
- Andersson, Karl N., to Aktiebolaget Bofors. Electric control system for supervising relatively movable members. 2,839,713, 6-17-58, Cl. 318-286.
- Andersson, Sten-Ake: See—
- Ross, Karl G., Johansson, Axelsson, and Andersson. 2,861,562.
- Andersson, Sven: See—
- Rosén, Karl I. J. 2,849,781.
- Andersson, Sven Å., and A. G. Magnusson, to G. Kahr. Composite floors. 2,865,058, 12-23-58, Cl. 20-7.
- Andersson, Sven G. Apparatus for shrinking knitted fabric. 2,849,783, 9-2-58, Cl. 26-18.6.
- Anderton, Thomas L.: See—
- Huston, Sanford K., and Anderton. 2,842,073.
- Anderton, Walter C. Multiple slide changer for automatic slide projector. 2,865,121, 12-23-58, Cl. 40-79.
- Andis Clipper Co.: See—
- Andis, Mathew. 2,835,970.
- Andis, Mathew. 2,860,412.
- Andis, Mathew, to Andis Clipper Co. Hair clippers having interchangeable comb plates. 2,835,970, 5-27-58, Cl. 30-200.
- Andis, Mathew, to Andis Clipper Co. Hair clippers having interchangeable comb plates. 2,860,412, 11-18-58, Cl. 30-200.
- Andon, Jerar, B. J. Mitchell, and R. E. Schwind, to General Motors Corp. Poppet valve operating mechanism. 2,851,022, 9-9-58, Cl. 123-90.
- Andonov, Christ. Mechanical pencil. 2,840,042, 6-24-58, Cl. 120-143.
- Andor, Matt J. Mounting for rotary side delivery rake. 2,866,309, 12-30-58, Cl. 56-377.
- Andrade, Anthony. Bullet extractor for cartridges. 2,828,663, 4-1-58, Cl. 86-23.
- André, Henri G., to Yardney International Corp. Electrode assembly for electric batteries. 2,851,512, 9-9-58, Cl. 136-147.
- André, Luciano A. Hosiery repair apparatus. 2,826,054, 3-11-58, Cl. 66-1.5.
- André, Noble. Package of cans. 2,828,009, 3-25-58, Cl. 206-65.
- André, Raoul A., and L. J. Nys, to International Standard Electric Corp. Matrix for detachably mounting electrical components. 2,821,691, 1-28-58, Cl. 339-150.
- Andrea Radio Corp.: See—
- Heindel, Harold J., Groschoff, and Joss. 2,837,741.
- Andreasen, Christian B., to Air-Shields, Inc. Valve device for lung ventilator. 2,847,001, 8-12-58, Cl. 128-29.
- Andreasen, Christian B., to Air-Shields, Inc. Driving apparatus for lung ventilators. 2,855,144, 10-7-58, Cl. 230-162.
- Andreasen, Holger: See—
- Hoppermann, Ole L. 2,859,421.
- Andreasen, Sigurd J.: See—
- Meyer, Owen A., and Andreasen. 2,833,224.
- Andreasen, Donald R., and I. Herman, to Chamberlain Corp. Method of applying a copper band to a metallic surface. 2,841,688, 7-1-58, Cl. 219-76.
- Andree, Fred M. Prime and storm window combination. 2,818,611, 1-7-58, Cl. 20-55.
- Andreini, Joseph C.: See—
- Weigold, Harold, Merrill, and Andreini. 2,824,336.
- André, Claes, and C. E. Broberg, to Aktiebolaget E. Fleron. Ski stabilizers for motor cycles. 2,835,499, 5-20-58, Cl. 280-8.
- Andren, Harold. Attachable supports for cans, pails and the like. 2,837,303, 6-3-58, Cl. 248-148.
- Andren, Karl H., to Artos Engineering Co. Wire feeder. 2,825,512, 3-4-58, Cl. 242-45.
- Andreopoulos, George C., and J. A. Abbott, Jr., to American Machine & Foundry Co. Closed continuous mixer. 2,851,256, 9-9-58, Cl. 259-9.
- Andres, Lloyd J., to Apco, Inc. Metering pump. 2,824,585, 2-25-58, Cl. 141-174.
- Andres, Lloyd J. Continuous multiple record player. 2,837,338, 6-3-58, Cl. 274-10.
- Andres, Lloyd J., to Fidelitone, Inc. Selective record changer. 2,839,305, 6-17-58, Cl. 274-10.
- Andres, Raymond J., and W. Sweeny, to E. I. du Pont de Nemours & Co. Copolymers of acrylonitrile with alkenyl-aromatic sulfonic acids or salts. 2,837,500, 6-3-58, Cl. 260-79.3.
- Andres, Roy K., and C. H. Backus, to Radio Corp. of America. Radio multiplex communication system. 2,840,815, 6-24-58, Cl. 343-200.
- Andresen, Hilmar A. and R. H., to Gits Bros. Mfg. Co. Air line lubricator. 2,835,267, 5-20-58, Cl. 137-110.
- Andresen, Raymond H.: See—
- Andresen, Hilmar A. and R. H. 2,835,267.
- Andress, Harry J., Jr., to Socony Mobil Oil Co., Inc. Complex alkoxy metal salts of organic acids and lubricating and fuel compositions thereof. 2,851,417, 9-9-58, Cl. 252-33.
- Andress, Harry J., Jr., to Socony Mobil Oil Co., Inc. Gasoline composition. 2,857,255, 10-21-58, Cl. 44-66.
- Andrew Corp.: See—
- Scheldorf, Marvel W. 2,852,774.
- Scheldorf, Marvel W. 2,828,486.
- Andrew, Frederick L., and E. A. Vitalis, to American Cyanamid Co. Smooth hydrophobic film of decreased cohesiveness. 2,856,317, 10-14-58, Cl. 117-138.8.
- Andrew, Herbert F., H. C. Boyd, and R. R. Davies, to Imperial Chemical Industries Ltd. Metallisable azo dyestuffs. 2,861,066, 11-18-58, Cl. 260-155.
- Andrew, Herbert F., and R. R. Davies, to Imperial Chemical Industries, Ltd. Metallisable azo dyestuffs. 2,861,067, 11-18-58, Cl. 260-155.
- Andrew, Johnnie. Guide arm for radio tower or the like. 2,844,819, 7-22-58, Cl. 343-874.
- Andrew, Thomas A., to Janco Corp. Toggle switch. 2,832,852, 4-29-58, Cl. 200-18.
- Andrews, Adam. Drop foot brace. 2,847,991, 8-19-58, Cl. 128-80.
- Andrews, Albert, deceased; K. H. Gross, administrator, to Horace B. Van Valkenburgh. Pump jack. 2,852,001, 9-16-58, Cl. 121-150.
- Andrews, Boley A., and T. L. Hanson, to The Vendo Co. Dispensing machine for refrigerated pre-mixed drinks. 2,834,190, 5-13-58, Cl. 62-7.
- Andrews, Dallas R.: See—
- Roy, Henry E., and Andrews. 2,848,556.
- Andrews, Dallas R., to Radio Corp. of America. Electric limiter circuit. 2,836,714, 5-27-58, Cl. 250-27.
- Andrews, Dallas R., to Radio Corp. of America. Phonograph pickup. 2,866,857, 12-30-58, Cl. 179-100.41.
- Andrews, David H. Automatic field plotter. 2,839,246, 6-17-58, Cl. 235-61.
- Andrews, Earl T., to Bendix-Westinghouse Automotive Air Brake Co. Fluid pressure brake mechanism. 2,850,330, 9-2-58, Cl. 303-84.
- Andrews, Edward P., to General Motors Corp. Tuning control for radio. 2,863,059, 12-2-58, Cl. 250-40.
- Andrews, Edward F., and O. Gierwiowski, to General Motors Corp. Favorite station signal seeking tuner. 2,854,569, 9-30-58, Cl. 250-20.
- Andrews, George L. Bricklaying guide. 2,855,681, 10-14-58, Cl. 33-85.
- Andrews, George S.: See—
- Haller, Millard E., and Andrews. 2,833,575.
- Andrews, John L., to General Electric Co. Drainage control means for dishwashing apparatus and the like. 2,825,350, 3-4-48, Cl. 134-186.
- Andrews, John L., to General Electric Co. Drive mechanism for food waste disposers. 2,848,171, 8-19-58, Cl. 241-35.
- Andrews, John L., to General Electric Co. Electric heating units and methods of making the same. 2,858,401, 10-28-58, Cl. 201-66.
- Andrews, John L. Electric burner switch. 2,863,971, 12-9-58, Cl. 200-167.
- Andrews, John W., and C. W. Leach, to United States Steel Corp. Method of increasing the groundline protection of wood poles treated with oil-type preservatives. 2,833,006, 5-6-58, Cl. 20-100.
- Andrews, L. V., and O. Craig, to Riley Stoker Corp. Method of controlling superheat. 2,820,438, 1-21-58, Cl. 122-479.
- Andrews, Laurence M.: See—
- Rabinow, Jacob, Andrews, and Bowling. 2,839,998.
- Andrews, Maxwell C., to International Business Machines Corp. Non-destructive sensing of magnetic cores. 2,863,133, 12-2-58, Cl. 340-174.
- Andrews, Richard A.: See—
- Alexander, Bruce, Kingsbury, and Andrews. 2,853,107.
- Andrews, Robert S. L., to Shell-Cast Alloys Ltd. Apparatus for reclaiming foundry sand. 2,821,375, 1-28-58, Cl. 263-26.
- Andrews, Thomas, to Rose, Downs & Thompson Ltd. Solvent extraction of oils from vegetable matter. 2,850,511, 9-2-58, Cl. 260-412.4.
- Andrews, William R. Friction driven steplessly variable gears. 2,860,518, 11-18-58, Cl. 74-200.
- Andreyev, Peter, to General Aniline & Film Corp. Polyamines as short stop agents for azine color developers. 2,827,373, 3-18-58, Cl. 96-36.
- Andriamme, Jules L. C. Hollow rail with three flanges. 2,855,155, 10-7-58, Cl. 238-133.
- Andriani, Nicola. Local vibrator for concrete. 2,825,538, 3-4-58, Cl. 259-1.

- Andrieu, Robert, to Telefunken G. m. b. H. Compensated sweep circuit. 2,832,003, 4-22-58, Cl. 315-27.
- Andrieux, Jean L., and E. Bonnier, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acieries Electriques d'Ugine. Electrolytic process for the manufacture of aluminum alloys. 2,829,092, 4-1-58, Cl. 204-60.
- Andriola, Edward A. Welding torch. 2,832,881, 4-29-58, Cl. 219-75.
- Androsiglio, Lucio. Alarm. 2,860,595, 11-18-58, Cl. 116-98.
- Andrus, Budd W.: *See—*
Matthews, Earnest P., Ricker, and Andrus. 2,859,128.
Raifsnider, John H. 2,853,785.
- Andrus, Burton R. Grinders for grinding cutter blades. 2,837,877, 6-10-58, Cl. 51-143.
- Andrus, Harold L., and E. S. Clark. Machine for forming a combined curb and gutter strip in a continuous operation. 2,847,916, 8-19-58, Cl. 94-46.
- Andrus, Keith C.: *See—*
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- Andrus, Orrin E., to A. O. Smith Corp. Method of making composite plates. 2,820,286, 1-21-58, Cl. 29-471.5.
- Andrus, Orrin E., to A. O. Smith Corp. Pressure vessel. 2,835,404, 5-20-58, Cl. 220-3.
- Andrus, Orrin E., to A. O. Smith Corp. Fluid expandable passage seal. 2,843,052, 7-15-58, Cl. 103-202.
- Andrus, Orrin E., to A. O. Smith Corp. Hot water storage tank. 2,852,462, 9-16-58, Cl. 254-97.
- Andrus, Paul G.: *See—*
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- Andrus, Paul G., to Haloid Xerox Inc. Pressure transfer of xerographic images. 2,843,499, 7-15-58, Cl. 117-17.5.
- Andrzejewski, Matthew S., to American Steel Foundries. Rotor brake suspension. 2,857,990, 10-28-58, Cl. 188-205.
- Anemostat Corp. of America: *See—*
Godes, Elliot. 2,837,019.
- Kurth, Franz J., Honerkamp, and Phillips. 2,825,274.
- Ang, Choh-Yi, to P. R. Mallory & Co., Inc. High-strength high-density tungsten base alloys. 2,843,921, 7-22-58, Cl. 29-182.
- Angel, Henry P. Swing saw construction with straight line motion. 2,823,710, 2-18-58, Cl. 143-46.
- Angel, Jay L. Internally fired gas burner. 2,826,248, 3-11-58, Cl. 158-99.
- Angelica, Nicholas J., and R. S. Henry. Chamber cleaning tool. 2,824,322, 2-25-58, Cl. 15-104.09.
- Angell, Donald S., A. B. Tilseth, and G. O. Alexander, to Kaiser Aluminum & Chemical Corp. Article handling apparatus. 2,848,124, 8-19-58, Cl. 214-91.
- Angell, Elvin D., to E. L. Quirin. Multiple vending device. 2,853,172, 9-23-58, Cl. 194-2.
- Angell, Ernest A. Sweeping apparatus. 2,834,034, 5-13-58, Cl. 15-79.
- Angenieux, Pierre, to "Etablissements Pierre Angenieux" (Societe a Responsabilite Limitee). Automatic abrasive liquid distributing device for optical lens polishing machines. 2,819,569, 1-14-58, Cl. 51-263.
- Angenieux, Pierre. Variable focal-length objectives. 2,847,907, 8-19-58, Cl. 88-57.
- Anger, Earl M., to The Duraloy Co. High temperature resistant alloys. 2,857,266, 10-21-58, Cl. 75-124.
- Anger, Ernest G., to Square D Co. Motor control circuits. 2,855,555, 10-7-58, Cl. 318-397.
- Anger, Ernest G., R. C. Mierendorf, and C. W. Porter, to Square D Co. Welder control. 2,848,604, 8-19-58, Cl. 250-27.
- Angerman, Albert H., to United States of America, Atomic Energy Commission. Process using potassium lanthanum sulfate for forming a carrier precipitate for plutonium values. 2,857,241, 10-21-58, Cl. 23-14.5.
- Angier, Roswell P., to the United States of America as represented by the United States Atomic Energy Commission. Method of preparing sintered zirconium metal from its hydrides. 2,823,116, 2-11-58, Cl. 75-213.
- Angle, Belford C.: *See—*
Morrell, George A., Jr., Angle, and Palo. 2,856,465.
- Anglers' Mfg. Corp.: *See—*
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- Angliker, Emil: *See—*
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- Anglo-Iranian Oil Co. Ltd.: *See—*
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- Angona, Frank A., to Socony Mobil Oil Co., Inc. Seismic data producing system. 2,834,422, 5-13-58, Cl. 181-5.
- Angst, Walter, to Kollsman Instrument Corp. Aircraft instrument-dual drum scale. 2,851,002, 9-9-58, Cl. 116-129.
- Angstadt, Clyde E. H. Door check. 2,849,748, 9-2-58, Cl. 16-85.
- Anheuser-Busch, Inc.: *See—*
Buehler, Henry J. 2,837,540.
Campbell, Carol L., and Mason. 2,822,303.
Schwaiger, Frank H. 2,823,125.
- Anholt, Harry M. Supreme rings. 2,825,486, 3-4-58, Cl. 220-97.
- Anislie, Thomas D., to Phillips-Jones Corp. Method of making collars. 2,845,688, 8-5-58, Cl. 28-72.
- Anjeskey, Alphonse F., and H. A. Cotesworth, to The Cleveland Crane & Engineering Co. Insulated coupled trolley conduit. 2,835,752, 5-20-58, Cl. 191-23.
- Anke, Rudolph, to Textile Machine Works. Means for forming dropped loops in fabric blanks. 2,844,951, 7-29-58, Cl. 66-89.
- Anker, Charles A., to General Mills, Inc. Mannan type gums. 2,834,774, 5-13-58, Cl. 260-209.
- Anker-Werke Aktiengesellschaft: *See—*
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- Ankerman, Paul W.: *See—*
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- Anliker, Rudolf: *See—*
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- Annabe, Weldon G.: *See—*
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- Annabe, Weldon G., to The Pure Oil Co. Manufacture of special naphthas. 2,858,268, 10-28-58, Cl. 208-136.
- Annabe, Weldon G., C. T. O'Malley, and J. W. Walsh, to The Pure Oil Co. High sealing-strength wax compositions. 2,846,375, 8-5-58, Cl. 196-149.
- Annat, Robert B.: *See—*
Senkowski, Alexander, Watson, and Annat. 2,858,171.
- Annen, James E., to Sutherland Paper Co. Machine for applying covers to dishes. 2,826,026, 3-11-58, Cl. 53-351.
- Annen, James E., to Sutherland Paper Co. Device for applying covers to receptacles. 2,830,419, 4-15-58, Cl. 53-344.
- Anner, Georg: *See—*
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- Wertstein, Albert, Anner, Ehmann, Billeter, and Meystre. 2,854,465.
- Annerhed, Karl B., to Sandvikens Jernverks Aktiebolag. Means for cooling or heating of materials. 2,844,359, 7-22-58, Cl. 257-23.
- Anness, Charles F., Jr.: *See—*
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- Annesser, Richard J., to The Dow Chemical Co. Sealing orifice for steam tubes and the like. 2,865,112, 12-23-58, Cl. 34-242.
- Annbald, Emilio. Folding structure for framing tents and the like. 2,865,387, 12-23-58, Cl. 135-4.
- Annich, Milton E., and R. B. McCune, to American Brake Shoe Co. Metering systems. 2,854,631, 9-30-58, Cl. 324-107.
- Annicq, Joseph. Pressure vessel locking mechanism. 2,834,504, 5-13-58, Cl. 220-46.
- Annis, Lawrence C. Pneumatic cotton harvester unit. 2,836,951, 6-3-58, Cl. 56-30.
- Anop, Ivan. Automatic brake adjustment device. 2,856,037, 10-14-58, Cl. 188-196.
- Ansald, S. A., Societa per Azioni: *See—*
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- Anscher, Bernard, to United States of America, Army. Apparatus for guiding extrusions. 2,865,502, 12-23-58, Cl. 207-16.
- Anselm, Hans, A. Kofler, and J. Smidt, to Consortium für Elektrochemische Industrie G. m. b. H. Producing methanol and acetic acid from saponification mixtures of methylacetate. 2,866,820, 12-30-58, Cl. 260-541.
- Anselmini, Ludwig, and M. P. Kenney, to Foster Wheeler Corp. Apparatus for molding extensions to tubing. 2,855,643, 10-14-58, Cl. 22-116.
- Anselmo, Roy P., and H. G. Kohr, to Western Electric Co., Inc. Device for installing helical springs. 2,837,813, 6-10-58, Cl. 29-227.
- Ansite, William K., to Johnston Testers, Inc. Well testing tool. 2,854,082, 9-30-58, Cl. 166-226.
- Ansley, Ulric F. Apparatus for removing water from organic liquids and fuels. 2,844,254, 7-22-58, Cl. 210-114.
- Anson, Donald: *See—*
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- Anson Inc.: *See—*
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Anderson, Carl A. 2,824,591.
Anderson, Olof V. 2,860,395.
- Anson, Mortimer L., and M. Pader, to Lever Brothers Co. Protein food products and method of making same. 2,830,902, 4-15-58, Cl. 99-14.
- Anson, Mortimer L., and M. Pader, to Lever Brothers Co. Method of making protein food product. 2,833,651, 5-6-58, Cl. 99-14.
- Anspach, Irl W.: *See—*
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- Anspen, Harry D., to General Aniline & Film Corp. Preparation of α,β -dichloropropionic acid esters. 2,820,816, 1-21-58, Cl. 260-487.
- Anspen, Harry D., and F. E. Pschorr, to General Aniline & Film Corp. Production of polymeric α -chloroacrylate sheets. 2,848,753, 8-26-58, Cl. 18-58.
- Anstalt Europäische Handelsgesellschaft: *See—*
Hagelin, Boris C. W. 2,851,794.
- Anstalt Mercedes: *See—*
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- Anstett, Edgar P., to Pownail Co. Nailing machine. 2,822,544, 2-11-58, Cl. 1-46.
- Anstett, James: *See—*
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- Ansul Chemical Co.: *See—*
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Zellner, Robert J. 2,851,461.

- Antal, John A. Quick disconnect fastener means having circumferentially movable thread segments. 2,828,662, 4-1-58, Cl. 85-32.
- Antalek, John J., and R. W. Saville, to Radio Industries, Inc. Variable inductance device. 2,838,738, 6-10-58, Cl. 336-136.
- Antalis, Stanley J., to General Electric Co. Transformer core construction. 2,850,708, 9-2-58, Cl. 336-165.
- Anthes, John A.: *See—*
Porteus, John H., and Anthes. 2,861,792.
- Anthony, Erik W., to Beckman Instruments, Inc. Electromagnetically controlled friction transmission. 2,861,459, 11-25-58, Cl. 74-210.
- Anthony, Benjamin F.: *See—*
Charman, Walter M., and Anthony. 2,833,008.
- Anthony, Charles, Jr., to Specialties Development Corp. Fire extinguishing apparatus. 2,819,764, 1-14-58, Cl. 169-31.
- Anthony, Charles, Jr., to Specialties Development Corp. Carbon dioxide composition. 2,820,761, 1-21-58, Cl. 252-8.
- Anthony Co.: *See—*
Fields, John W. 2,846,267.
Park, Glenn S. 2,832,650.
- Anthony, Herman R. C., and H. G. Friang, to The Electric Storage Battery Co. Multicell battery. 2,826,681, 3-11-58, Cl. 240-10.61.
- Anthony, James C. Injector pressing comb. 2,854,987, 10-7-58, Cl. 132-150.
- Anthony, Joseph. Electromotors. 2,833,943, 5-6-58, Cl. 310-32.
- Anthony, Kenneth H., and E. J. Marasko, to Industrial Rayon Corp. Apparatus for cutting staple. 2,851,103, 9-9-58, Cl. 164-61.
- Anthony, William C., and J. Smuszkoewicz, to The Upjohn Co. Reduction of carbonylic radical in indolyl-3 compounds. 2,821,532, 1-28-58, Cl. 260-319.
- Antin, Joseph: *See—*
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- Antioch College: *See—*
Asakawa, George. 2,861,163.
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Vernet, Sergius, and Asakawa. 2,835,634.
- Antognini, Joe, to Stauffer Chemical Co. Treatment of iron chlorosis. 2,854,791, 10-7-58, Cl. 47-58.
- Antognini, Joe, to Stauffer Chemical Co. Treatment of iron chlorosis. 2,855,285, 10-7-58, Cl. 71-1.
- Anton, Ernst, and K. Saffien, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Dyestuffs of the anthraquinone series. 2,823,212, 2-11-58, Cl. 260-376.
- Anton, Nicholas. Radiation detector. 2,839,688, 6-17-58, Cl. 250-83.6.
- Anton, Nicholas. Power tools. 2,866,485, 12-30-58, Cl. 143-68.
- Anton, William G., and J. F. Simpson. Guide for flexible lines. 2,858,106, 10-28-58, Cl. 254-190.
- Anton Zahoransky (Kommandit Gesellschaft): *See—*
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- Antonelli, Dino, to American Machine & Foundry Co. Cigarette turning device. 2,840,220, 6-24-58, Cl. 198-32.
- Antonietti, Florentin J. B. Traveling step ladder. 2,845,208, 7-29-58, Cl. 228-15.
- Antonsen, Anker K., and M. L. Foreman, to Fairbanks, Morse & Co. Internal combustion engine. 2,861,555, 11-25-58, Cl. 123-41.86.
- Antonsen, Randolph. Process and apparatus for removing sulfur from iron. 2,859,106, 11-4-58, Cl. 75-59.
- Antonsen, Randolph, and R. D. Beattie, to Godfrey L. Cabot, Inc. Apparatus for wetting finely-divided pigments. 2,834,044, 5-13-58, Cl. 18-1.
- Antoshkiw, Thomas, to Hoffmann-La Roche Inc. Enrichment of cereal grains. 2,831,770, 4-22-58, Cl. 99-11.
- Antozak, Frank S. Self cleaning rake and handle structure. 2,836,031, 5-27-58, Cl. 56-400.2.
- Antram, Orville A. Pneumatic valve. 2,828,101, 3-25-58, Cl. 251-5.
- Antranikian, Haig V. Signalling systems. 2,855,455, 10-7-58, Cl. 178-5.4.
- Apeco, Inc.: *See—*
Andres, Lloyd J. 2,824,585.
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- Apel, Francis N.: *See—*
Bender, Howard L., Conte, and Apel. 2,858,342.
- Apellaniz, Joseph E., to Standard Oil Co. Production of blown asphalts. 2,861,940, 11-25-58, Cl. 208-5.
- Apex Electrical Mfg. Co., The: *See—*
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- Apex Machine and Tool Co., The: *See—*
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- Apgar, John N. Turntable for fifth wheel trailer couplings. 2,843,398, 7-15-58, Cl. 280-438.
- Apgar, John N. Turntable for fifth wheel trailer couplings. 2,854,253, 9-30-58, Cl. 280-438.
- Apoll, Peter J. Payroll accounting board. 2,861,819, 11-25-58, Cl. 282-29.
- Appel, Andrew L. Scarifier attachment for tractor mounted shovel loaders. 2,840,931, 7-1-58, Cl. 37-117.5.
- Appel, Gerhard H. Mandrel. 2,857,791, 10-28-58, Cl. 78-103.
- Appel, Gerhard H., and E. Tlaker, to Appel Process, Ltd. Stroke adjustment means for forming machines. 2,863,342, 12-9-48, Cl. 78-20.
- Appel, Karl, to Firma Stahlwerk Kabel, C. Pouplier, Jr. Steel alloys for making magnetic recordings. 2,819,957, 1-14-58, Cl. 75-128.
- Appel Process, Ltd.: *See—*
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- Appel, Walter D. Flexible wheel assembly. 2,850,065, 9-2-58, Cl. 152-41.
- Appeldoorn, John K.: *See—*
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- Appell, Albert A. Nailing machine. 2,845,625, 8-5-58, Cl. 1-6.
- Appell, Herbert R., to Universal Oil Products Co. Recovery of platinum from alumina base platinum catalyst. 2,830,877, 4-15-58, Cl. 23-140.
- Appell, Herbert R., to Universal Oil Products Co. Alkylation process and catalyst therefor. 2,842,605, 7-8-58, Cl. 260-683.15.
- Apple, Edward M.: *See—*
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- Applebaum, Jack J. Fastener for shoe laces or other flexible ties. 2,861,314, 11-25-58, Cl. 24-117.
- Appleby, David K. Magnetic drill chuck assembly. 2,828,131, 3-25-58, Cl. 279-16.
- Applegate, Earl: *See—*
Roth, Arthur C., Merriott, and Applegate. 2,820,238.
- Applegate, Howard T., 1/2 to E. F. Traub. Tooth cleaning and gum massaging instrument. 2,819,482, 1-14-58, Cl. 15-110.
- Applegate, Marvin C., to P. S. Allen. Light system for automatic photographic apparatus. 2,832,275, 4-29-58, Cl. 95-82.
- Applegate, Marvin C., to P. S. Allen. Film strip feeding and holding device. 2,852,993, 9-23-58, Cl. 95-14.
- Applegate, Morris H., to Herbert Alexander & Co. Ltd. Pestle-and-mortar grinders. 2,856,135, 10-14-58, Cl. 241-199.
- Applegate, Vernon C., and J. H. Howell, to the United States of America as represented by the Secretary of the Interior. Method for controlling sea lampreys (*petromyzon marinus*). 2,821,499, 1-28-58, Cl. 167-30.
- Applegath, Fred, and K. A. Franz, to Monsanto Chemical Co. Stabilization of unsaturated nitriles. 2,847,452, 8-12-58, Cl. 260-465.9.
- Applegath, Fred, and R. A. Franz, to Monsanto Chemical Co. Preparation of azoles. 2,857,392, 10-21-58, Cl. 260-304.
- Applegath, Fred, M. D. Barnes, and R. A. Franz, to Monsanto Chemical Co. Preparation of ureas. 2,857,430, 10-21-58, Cl. 260-553.
- Appleman, Wilbur R., to The Reliance Electric and Engineering Co. Electric motor. 2,839,712, 6-17-58, Cl. 318-211.
- Appleton, Arthur I. Drainable enclosure for explosion-proof electrical systems. 2,835,722, 5-20-58, Cl. 174-50.
- Appleton, Arthur I. Fitting having compound coupling means for use with mineral insulated sheathed cable. 2,856,451, 10-14-58, Cl. 174-77.
- Appleton, Arthur I. Fruit reamer and strainer. 2,858,861, 11-4-58, Cl. 146-3.
- Appleton, Arthur I., N. A. Tornblom, and C. H. Lindell, to Appleton Electric Co. Switchgear mounting. 2,847,497, 8-12-48, Cl. 174-52.
- Appleton, Arthur I., and N. A., and N. A. Tornblom, to Appleton Electric Co. Sealing means for mineral insulated cable fittings. 2,856,452, 10-14-58, Cl. 174-77.
- Appleton Electric Co.: *See—*
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- Appleton, Fred E.: *See—*
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- Appleton, Norton A.: *See—*
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- Appliance Mfg. Co., Inc.: *See—*
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- Applications Biologiques: *See—*
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- Applied Research Corp.: *See—*
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- Applied Science Corp. of Princeton: *See—*
Brinster, John F., and Donath. 2,843,840.
Brinster, John F., Hill, and Donath. 2,853,235.
- Applin, Richard H., R. E. Langworthy, and W. D. Mathews, to Kay Lab. Voltage regulator with non-linear networks in control circuit. 2,866,151, 12-23-58, Cl. 323-22.
- Apps, David C., to General Motors Corp. Tire thump measuring apparatus. 2,820,361, 1-21-58, Cl. 73-67.
- Apra Precipitator Corp.: *See—*
Hodson, Peter. 2,835,337.
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- April, Lois. Match book slip covers. 2,839,184, 6-17-58, Cl. 206-29.
- Apso Products, Inc.: *See—*
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- Apstein, Maurice, and A. O. Morse, to the United States of America as represented by the Secretary of the Army. Shielded initiator. 2,821,139, 1-28-58, Cl. 102-70.2.
- Apstein, Maurice, R. E. Bowles, D. G. Mitchell, and L. P. Rongus, to United States of America, Army. Arming of rifle grenades. 2,846,949, 8-12-58, Cl. 102-65.2.
- Aquatic Inc.: *See—*
- Bird, Paul G. 2,825,363.
- Bird, Paul G. 2,833,309.
- Gugeler, Frederick D. 2,845,119.
- Vore, Gordon C. 2,857,964.
- Whitlock, Robert A., Jr. 2,857,929.
- Aquila, John. Box forming machine. 2,829,569, 4-8-58, Cl. 93-51.
- Aquillon, Charles A., and S. E. Davis, to Ark-Les Switch Corp. Socket connector. 2,834,951, 5-13-58, Cl. 339-217.
- Ara, Abidin, to George P. Pilling & Son Co. Trepheine for corneal grafting. 2,838,050, 6-10-58, Cl. 128-310.
- Arabian, Karekin G., and N. E. Duncan, to Shell Development Co. Gloss stable paraffin wax compositions. 2,848,385, 8-19-58, Cl. 196-139.
- Arai, Takeji, to O-M Spinning Machine Mfg. Co. Ltd. Device in a spinning frame to wind up a yarn end on the neck of a spindle. 2,857,114, 10-21-58, Cl. 242-26.1.
- Araldsen, Peder O. G., to Sarpsborg Elektriske Fabrikker, Sefa A/S. Electric bed heater. 2,838,642, 6-10-58, Cl. 219-19.
- Arams, Frank R., to Radio Corp. of America. Radar systems. 2,827,627, 3-18-58, Cl. 343-5.
- Arant, Perry, to Clayton Mfg. Co. Automatic fuel valve control means. 2,846,146, 8-5-58, Cl. 236-20.
- Arbeit, Pierre, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain Chauny & Cirey. Apparatus and method for making glass. 2,859,261, 11-4-58, Cl. 13-6.
- Arberman, Jerome: *See—*
- Abrams, Bernard W., and Arberman. 2,861,254.
- Arbetman, Norman. Louvers. 2,862,439, 12-2-58, Cl. 98-121.
- Arbiter, Nathaniel. Air flotation of silica bearing oxidized copper ore. 2,829,770, 4-8-58, Cl. 209-166.
- Arborth, Åke, to Aktiebolaget Svenska Flaktfabriken. Filter for cleansing of a dust-contaminated gaseous medium. 2,864,598, 12-16-58, Cl. 261-80.
- Arborite Co. Ltd., The: *See—*
- Hunt, Ernest G. 2,861,372.
- Arbuckle, Robert M., and J. R. Hamilton, to General Motors Corp. Grinding machine and method. 2,823,492, 2-18-58, Cl. 51-32.
- Arcabosso, Domenico. Self-operated interior baster for food. 2,821,904, 2-4-58, Cl. 99-346.
- Arcadia Metal Products, Inc.: *See—*
- Bunker, William E. 2,857,633.
- Arcamonte, Humbert. Awning type window structure. 2,841,833, 7-8-58, Cl. 20-42.
- Arcand, Anna. Lift carriers for hospital patients. 2,848,723, 8-26-58, Cl. 5-85.
- Arce, Lee, and W. K. and M. C. Vogel, to Lee-Mart Mfg. Co. Apparatus for controllably applying semifluid and pasty materials. 2,820,672, 1-21-58, Cl. 299-86.
- Arceneaux, James G. Sugar cane planter. 2,841,103, 7-1-58, Cl. 111-5.
- Arceo, Louis. Relish dish. 2,837,218, 6-3-58, Cl. 211-129.
- Archambault, James E., and N. Malz. Indicator. 2,851,802, 9-16-58, Cl. 40-70.
- Archbold, Ralph L., to White Sewing Machine Corp. Drive mechanism for spin-drier type washing machine. 2,826,083, 3-11-58, Cl. 74-70.
- Archdeacon, Gerald D.: *See—*
- Koons, Clarence J., and Archdeacon. 2,820,661.
- Archer-Daniels-Midland Co.: *See—*
- Herbruggen, Heinrich J. B. 2,839,799.
- Hinrichs, Hans G. 2,839,798.
- Myers, Otto J., and Olson. 2,828,214.
- Archer, Edward M., to Brown Co. Making felt containing cork granules. 2,858,210, 10-28-58, Cl. 92-3.
- Archer, George W. Log choker guide. 2,850,315, 9-2-58, Cl. 294-55.
- Archer, Hugh M. Spiral winding process and apparatus therefor. 2,823,154, 2-11-58, Cl. 154-2.26.
- Archer, Irving M., to Campbell Taggart Research Corp. Mechanism for carrying articles through a treating zone with a variable delivery and discharge rate. 2,838,163, 6-10-58, Cl. 198-85.
- Archer, Irving M., to Campbell Taggart Research Corp. Machine for panning dough in the making of bread and the like. 2,843,983, 7-22-58, Cl. 53-74.
- Archer, Jean F. Rope sling. 2,838,336, 6-10-58, Cl. 294-78.
- Archer, Lee A., J. E. Bartnicki, J. R. Tinsman, and G. H. Feustel, to The Pyle-National Co. Multi-contact duplicate engaging connector. 2,824,290, 2-18-58, Cl. 339-49.
- Archer, Sydney, to Sterling Drug Inc. 1-Trihalomethyl-3-methylcyclohexanols. 2,822,407, 2-4-58, Cl. 260-631.
- Archer, Sydney, to Sterling Drug Inc. Tertiary-amino-substituted 1,5-iminocycloalkanes and preparation thereof. 2,836,598, 5-27-58, Cl. 260-292.
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- Archer, Wesley H., to Toms River-Cincinnati Chemical Corp. Vacuum filters and safety devices therefor. 2,824,355, 3-4-58, Cl. 137-114.
- Archer Works Engineering Co. Ltd.: *See—*
- Nelson, Austin. 2,845,653.
- Archibald, Ian W., to James Hardie & Coy. Pty. Ltd. Binding agent for extrudable brake lining material. 2,853,460, 9-23-58, Cl. 260-29.3.
- Arcturus Mfg. Co., Inc.: *See—*
- Rork, Elwood C. 2,835,960.
- Ardell, Edgar, K. B. Holstebro, and M. S. Wozniak, to Emhart Mfg. Co. Shipping case setting-up and positioning apparatus. 2,851,837, 9-16-58, Cl. 53-186.
- Ardell, Edgar, and M. S. Wozniak, to Emhart Mfg. Co. Packing machines for cans or the like. 2,857,721, 10-28-58, Cl. 53-26.
- Arden, Benjamin, to Turco Products Inc. Process for removal of carbonaceous deposits. 2,843,509, 7-15-58, Cl. 134-39.
- Arden, George. Handbag cover. 2,845,974, 8-5-58, Cl. 150-28.
- Arden, Thomas V., F. H. Burstall, G. R. Davies, R. P. Linstead, and R. A. Wells, to United States of America, Atomic Energy Commission. Production of metals and their compounds. 2,860,956, 11-18-58, Cl. 23-309.
- Ardis, Alan E.: *See—*
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- Arditi, Maurice, to International Telephone and Telegraph Corp. Radio frequency transducer. 2,825,875, 3-4-58, Cl. 333-34.
- Arditi, Maurice, to International Telephone and Telegraph Corp. Traveling wave electron discharge devices. 2,833,962, 5-6-58, Cl. 315-39.
- Arditi, Maurice, to International Telephone and Telegraph Corp. Wide band waveguide circuitry. 2,854,645, 9-30-58, Cl. 333-97.
- Arditi, Maurice, to International Telephone and Telegraph Corp. Microwave filters. 2,859,417, 11-4-58, Cl. 333-73.
- Arditi, Maurice, to International Telephone and Telegraph Corp. Traveling wave electron discharge devices. 2,863,093, 12-2-58, Cl. 315-39.3.
- Arditi, Maurice, G. A. Deschamps, and J. Elefant, to International Telephone and Telegraph Corp. Microwave filters. 2,819,452, 1-7-58, Cl. 333-73.
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- Arditi, Maurice, and J. Elefant, to International Telephone and Telegraph Corp. Microwave transmission line. 2,833,995, 5-6-58, Cl. 333-97.
- Ardito, Victor. Receptacle and spout therefor. 2,859,901, 11-11-58, Cl. 222-482.
- Ardeley, William G., to George Kent Ltd. Rotary liquid meter. 2,842,963, 7-15-58, Cl. 73-231.
- Ardey, Otis R. Meat grinder having plural cutting means. 2,841,197, 7-1-58, Cl. 146-182.
- Arena, Lawrence. Toy flash camera. 2,853,832, 9-30-58, Cl. 46-228.
- Arenberg, David L. Ultrasonic delay line. 2,823,355, 2-11-58, Cl. 333-30.
- Arenberg, David L. Means for determining crystal orientation and purity. 2,851,884, 9-16-58, Cl. 73-432.
- Arenberg, David L., and R. M. Ashby. Multiple mode prism delay line. 2,826,744, 3-11-58, Cl. 333-30.
- Arenco Aktiebolag: *See—*
- Bergman, Lars E. 2,854,538.
- Danielsson, Paul. 2,846,716.
- Gadler, Gustav A. B. 2,849,191.
- Granstedt, Karl E. 2,840,084.
- Granstedt, Karl E. 2,854,009.
- Arend, Wolfgang: *See—*
- Pommer, Horst, and Arend. 2,831,884.
- Trieschmann, Hans G., Reuter, and Arend. 2,831,018.
- Arens, Albert H.: *See—*
- Proctor, Ronald R., and Arens. 2,819,092.
- Sayre, Allyn T., Jr., Reark, Arens, and Wangelin. 2,842,958.
- Arens Controls, Inc.: *See—*
- Brook, Walter L. 2,861,466.
- Gwin, Robert C., Jr. 2,862,401.
- Norton, Calhoun. 2,856,790.
- Turtle, Rupert C. 2,826,084.
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- Arenson, Edward B. Control for multiple outlet fluid discharge system. 2,858,850, 11-4-58, Cl. 137-625.11.
- Arentoft, Hildegard: *See—*
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- Arentzen, Einar M., to Lee-Norse Co. Drive wheel friction assembly. 2,855,062, 10-7-58, Cl. 180-44.
- Arey, Ralph G., to Metals & Controls Corp. Thermostatic devices. 2,856,490, 10-14-58, Cl. 200-138.

- Argabrite, George A., to Pacific Transducer Corp. Radiation dosimeter. 2,852,695, 9-16-58, Cl. 250-83.3.
- Argenta, Henry J., and J. L. Johnston, to Ford Motor Co. Method of producing an anti-galling surface upon a titanium article. 2,838,430, 6-10-58, Cl. 148-6.11.
- Argentieri, Peter A., to Connor Engineering Corp. Noise reduction means for air outlet devices. 2,820,406, 1-21-58, Cl. 98-40.
- Argento, Henry F., and D. B. Haagensen, to Raytheon Mfg. Co. Microwave cookers. 2,820,127, 1-14-58, Cl. 219-10.55.
- Argo, Malcolm M., Jr. Dual conduit valve and fitting. 2,831,503, 4-22-58, Cl. 137-625.19.
- Argus Chemical Corp.: *See*—
- Hecker, Arthur C., and Leistner. 2,860,115.
- Argus Chemical Laboratory, Inc.: *See*—
- Hecker, Arthur C. 2,837,490.
- Argus, William, to W. Ratner. Valve device. 2,833,301, 5-6-58, Cl. 137-329.1.
- Argyll, Marion H. Protective garment. 2,839,057, 6-17-58, Cl. 128-288.
- Arialis, Peter: *See*—
- Furgal, Henry P., Kampschmidt, and Aerialis. 2,831,774.
- Aries Laboratories, Inc.: *See*—
- Erich, Frederick R. 2,848,433.
- Aries, Robert S. Preparation of nicotinic acid esters. 2,861,077, 11-18-58, Cl. 260-295.5.
- Arietti, Joseph. Combustion cycle turbine engine. 2,827,024, 3-18-58, Cl. 123-15.
- Arisman, Mervin B.: *See*—
- Di Girolamo, Joseph, and Arisman. 2,836,691.
- Arisman, Mervin B., and A. M. Daily, to Chicago Telephone Supply Corp. Combined switch and variable resistor combination. 2,855,490, 10-7-58, Cl. 201-55.
- Arisman, Mervin B., W. C. Fieldbinder, and W. A. Barden, to Chicago Telephone Supply Corp. Tandem concentric variable resistance device. 2,866,055, 12-23-58, Cl. 201-55.
- Aristocrat Leather Products, Inc.: *See*—
- Markus, George, and Siegel. 2,859,152.
- Siegel, Martin. 2,850,609.
- Arkell, Norman G.: *See*—
- Hibbitt, Alec E. W., and Arkell. 2,829,344.
- Arkell and Smiths: *See*—
- Carnes, Sheldon Y., and Searle. 2,838,225.
- Arkin, Victor: *See*—
- Gladstone, Nathan H., and Arkin. 2,833,038.
- Arkis, Jerome W.: *See*—
- Weitkamp, Alfred W., Arkis, and Flint. 2,830,039.
- Arkla Air Conditioning Corp.: *See*—
- Anderson, Philip P., Jr. 2,851,255.
- Anderson, Philip P., Jr. 2,853,276.
- Berry, Norton E. 2,822,673.
- Sherwood, Thomas K. 2,833,370.
- Stubblefield, Edward M. 2,834,360.
- Whitlow, Eugene P. 2,823,015.
- Ark-Les Switch Corp.: *See*—
- Aquillon, Charles A., and Davis. 2,834,951.
- Batcheller, Hugh W. 2,840,794.
- Arkless, George F., to C. A. Parsons & Co. Ltd. Assembly of blades for turbines and the like. 2,857,134, 10-21-58, Cl. 253-77.
- Arko, Robert E., to Teletype Corp. Variable clearance rack and pinion device. 2,859,628, 11-11-58, Cl. 74-33.
- Arkus, Henry, and L. Gerold, to Hazeltine Research, Inc. Control system. 2,832,073, 4-22-58, Cl. 343-11.
- Arlin, Max M. Material flow control system. 2,828,873, 4-1-58, Cl. 214-16.
- Arlitt, William H., Jr. Reinforcing means for an article of luggage. 2,828,844, 4-1-58, Cl. 190-28.
- Arlitt, William H., Jr. Luggage construction. 2,854,105, 9-30-58, Cl. 190-54.
- Armacost, Wilbur H., to Combustion Engineering, Inc. Method of welding. 2,835,965, 5-27-58, Cl. 29-470.5.
- Armecost, Wilbur H., to Combustion Engineering, Inc. Boiler. 2,856,906, 10-21-58, Cl. 122-478.
- Armament Components, Inc.: *See*—
- Aumann, Mark D. 2,838,152.
- Van Fossen, Ralph A. 2,838,154.
- Arman, Adrian N., to Pirelli-General Cable Works Ltd. Corrugated compression type electric cables. 2,866,843, 12-30-58, Cl. 174-25.
- Armand, Francis F. Fish lure holder. 2,854,783, 10-7-58, Cl. 43-57.5.
- Armbruster, John T., to American Optical Co. Projectors. 2,818,771, 1-7-58, Cl. 88-26.
- Armbruster, Ralph E., and C. W. Sherertz, to United States of America, Navy. Gun barrel detaching and retaining device. 2,858,738, 11-4-58, Cl. 89-14.1.
- Armco Steel Corp.: *See*—
- Clark, William C., Jr. 2,850,380.
- Emm, Fred A. 2,840,890.
- Foley, Matthew J., and Perrine. 2,855,518.
- Hudson, Edwin B. 2,834,593.
- Hudson, Edwin B. 2,853,288.
- Jennings, Paul A. Re. 24,431.
- La Tour, Harry, and Perry. 2,839,455.
- La Tour, Harry, and Wren. 2,859,952.
- Loveless, Donald L. 2,839,391.
- Miller, Harold R. 2,842,361.
- Armco Steel Corp.: *See*—Continued
- Riegler, Werner L., and Betcher. 2,852,406.
- Satterfield, Walter R. 2,846,324.
- Schubert, Elliot N., Du Brow, and Betcher. 2,852,354.
- Tanczyn, Harry. 2,854,330.
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- Waxweiler, James H. 2,820,708.
- Waxweiler, James H. 2,851,384.
- Wiley, Allen D., and Bowman. 2,819,379.
- Wiley, Allen D., and Russell. 2,843,179.
- Armenante, Jerry V., and F. A. Russo. Traction or anti-skid device for motor vehicles. 2,837,133, 6-3-58, Cl. 152-218.
- Armenia, Giuseppe: *See*—
- Poidomani, Catherine, and Armenia. 2,862,611.
- Armentrout, Arthur L. Material for recovering lost circulation in wells. 2,836,555, 5-27-58, Cl. 252-8.5.
- Armentrout, Arthur L. Lost circulation recovering material. 2,856,354, 10-14-58, Cl. 252-8.5.
- Armentrout, Everett C.: *See*—
- Sharpe, Verlos G., and Armentrout. 2,835,113.
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- Armington, George E., to General Motors Corp. Power steering apparatus for sharp turning. 2,841,231, 7-1-58, Cl. 180-79.2.
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- Armistead, William H., to Corning Glass Works. Gamma-ray absorptive glass. 2,856,303, 10-14-58, Cl. 106-53.
- Armitage, Frank, and L. G. Trace, to The Sherwin-Williams Co. Thermo-setting compositions of styrene and cinnamic acid ester of epoxide resin. 2,846,410, 8-5-58, Cl. 260-23.
- Armitage, John H. Auxiliary cargo vehicle for trucking vehicles. 2,820,559, 1-21-58, Cl. 214-515.
- Armitage, Joseph B., T. A. Wetzel, G. G. Baumbach, and F. Zankl, to Kearney & Trecker Corp. Dual transmission and control mechanism. 2,843,024, 7-15-58, Cl. 90-13.5.
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- Abramitis, Walter W. 2,841,521.
- Barrett, John P., and Segebrecht. 2,822,295.
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- Bunding, Irby M. 2,843,524.
- Clemens, Harry J. 2,862,880.
- Davis, Charles J., Jr. 2,863,521.
- Du Brow, Paul L., and Smith. 2,840,600.
- Fischer, Elias. 2,843,471.
- Furgal, Henry P., Kampschmidt, and Aerialis. 2,831,774.
- Gordon, Roy C., Jr. 2,820,804.
- Gordon, Roy C., and Harrington. 2,835,206.
- Hagen, Robert F., and Kornblum. 2,830,909.
- Kaiser, Emil, and Gunther. 2,842,586.
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- Marsh, Byron E., Du Brow, Betcher, Smith, and Cizek. 2,851,344.
- Marsh, Byron E., Du Brow, Betcher, Smith, and Cizek. 2,851,345.
- Mitz, Milton A. 2,828,302.
- Newall, John G., and Sickle. 2,858,881.
- Rice, Leemon D., and Posegate. 2,842,443.
- Riegler, Werner L., and Dybalski. 2,850,369.
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- Veis, Arthur, and Cohen. 2,838,363.
- Zeigler, Albert H. 2,825,094.
- Zeigler, Albert H., and Goetz. 2,850,769.
- Armour, David, Jr.: *See*—
- Armour, David, Sr., and D. Armour, Jr. 2,837,678.
- Armour, David, Sr., deceased, and D. Armour, Jr., executor. Bricklayer's spacing level. 2,837,678, 10-28-58, Cl. 33-207.
- Armour Research Foundation of Illinois Institute of Technology: *See*—
- Atlas, Leon M. 2,823,134.
- Bredz, Nikolajs, and Rostoker. 2,854,332.
- Camras, Marvin. 2,840,380.
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- Camras, Marvin. 2,857,164.
- Rechter, Harold L., and Eisenberg. 2,848,349.
- Schossberger, Frederic V. 2,857,242.
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- Wiegand, David E. 2,828,368.
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- Wiegand, David E. 2,855,464.
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- McCreery, Edward P., and Arms. 2,849,004.
- Armstrong, Abbott E., Jr., 1/2 to B. J. Golden. Knock-down shelter. 2,848,757, 8-26-58, Cl. 20-2.

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- Armstrong, Adna A.: *See*—
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- Armstrong, Alma P., and J. B. Cameron, to The Fairey Aviation Co. Ltd. Method of foaming a phenol-formaldehyde resin using diazonium salts as blowing agents. 2,828,271, 3-25-58, Cl. 260-2.5.
- Armstrong, Bob J.: *See*—
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- Armstrong, C. Elliott: *See*—
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- Armstrong Cork Co.: *See*—
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- Armstrong, Daniel A., to Kiekhaefer Corp. Manual oiling system for engine-driven tools. 2,852,096, 9-16-58, Cl. 184-15.
- Armstrong, Daniel A., and L. J. Ford, to Kiekhaefer Corp. Air intake silencer. 2,839,042, 6-17-58, Cl. 123-198.
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- Armstrong, Donald M. Glass replacement tool. 2,825,127, 3-4-58, Cl. 29-259.
- Armstrong, Edward T., to The Goodyear Tire & Rubber Co. Brake disc. 2,835,355, 5-20-58, Cl. 188-218.
- Armstrong, Edward T., to The Goodyear Tire & Rubber Co. Heat absorbing brake means. 2,837,180, 6-3-58, Cl. 188-218.
- Armstrong, Edward T., to The Goodyear Tire & Rubber Co. Apparatus for actuating friction brakes. 2,844,227, 7-22-58, Cl. 188-151.
- Armstrong, Edward T., to The Goodyear Tire & Rubber Co. Permeable brake. 2,844,230, 7-22-58, Cl. 188-264.
- Armstrong, Edward T., and F. H. Highley, to The Goodyear Tire & Rubber Co. Brake construction having minimized tendency to vibrate. 2,835,351, 5-20-58, Cl. 188-73.
- Armstrong, Edwin H.: *See*—
Bose, John H. 2,835,803.
- Armstrong, Eleanor G.: *See*—
Lorimer, William. 2,858,026.
- Armstrong, Esther M.: *See*—
Bose, John H. 2,835,803.
- Armstrong, Godfrey P., and A. F. Millidge, to The Distillers Co. Ltd. Production of acetic acid. 2,825,740, 3-4-58, Cl. 260-533.
- Armstrong, Gordon Co., Inc., The: *See*—
Dorsak, John W., and Van Denberg. 2,820,477.
Dorsak, John W., and Van Denberg. 2,840,417.
- Armstrong, Jack W.: *See*—
Dawson, Thomas P., and Armstrong. 2,847,469.
- Armstrong, Jack W., D. M. Preiss, and J. A. Edgar, to Shell Development Co. Process for the preparation of greases gelled with polymer coated clays. 2,829,100, 4-1-58, Cl. 252-28.
- Armstrong, Jack W., H. A. Woods, and C. E. Francis, to Shell Development Co. Air filter lubricants. 2,837,170, 6-3-58, Cl. 183-51.
- Armstrong, Jack W., and H. A. Woods, to Shell Development Co. Extreme high temperature grease compositions. 2,848,417, 8-19-58, Cl. 252-42.1.
- Armstrong, James E., and L. E. Van Zile, to St. Joe Paper Co. Box lid attachment clip. 2,822,973, 2-11-58, Cl. 229-47.
- Armstrong, James F., to ACF Industries, Inc. Fuel injection system. 2,846,994, 8-12-58, Cl. 123-179.
- Armstrong, Jay D. Motor manifold exhaust. 2,849,859, 9-2-58, Cl. 60-32.
- Armstrong, John B.: *See*—
Chittum, Joseph F., and Armstrong. 2,856,495.
- Armstrong, Lee B., Jr.: *See*—
Eisenberg, Irwin W., Dibble, Armstrong, Love, and Rhodes. 2,863,325.
- Armstrong, Loren K., to General Dynamics Corp. Supervisory signal. 2,827,517, 3-18-58, Cl. 179-27.
- Armstrong, Loren K., to General Dynamics Corp. Conference circuit. 2,831,065, 4-15-58, Cl. 179-18.
- Armstrong, Lorne D., and M. J. Bentivegna, to Radio Corp. of America. Methods of surface alloying with aluminum-containing solder. 2,833,678, 5-6-58, Cl. 148-1.5.
- Armstrong, Lorne D., and P. Kuznetsov, to Radio Corp. of America. Pulse method of etching semiconductor junction devices. 2,850,444, 9-2-58, Cl. 204-143.
- Armstrong Machine Works: *See*—
Armstrong, Adam E. 2,823,465.
- Armstrong, Raymond E. Animated figure game. 2,821,398, 1-28-58, Cl. 273-127.
- Armstrong, Robert T.: *See*—
Keight, Albert W., and Armstrong. 2,838,792.
- Armstrong Siddeley Motors Ltd.: *See*—
Rainbow, Horace S. 2,841,954.
Rainbow, Horace S., and Kahn. 2,833,514.
Stokes, Morris A., and Papworth. 2,841,958.
Thomas, Albert, and Marlow. 2,838,227.
Thomas, Albert, and Rainbow. 2,832,565.
- Armstrong, Thomas, and D. Ross. Flushing valves for cisterns. 2,849,725, 9-2-58, Cl. 4-67.
- Armstrong, Werner E., to Fairbanks, Morse & Co. Ignition timing advance mechanism. 2,832,855, 4-29-58, Cl. 200-31.
- Armstrong, William W.: *See*—
Gerber, Clifford F., Armstrong, and Marmo. 2,829,085.
- Arnaiz, Burton A.: *See*—
Black, Harold G., Arnaiz, and Scheufele. 2,847,112.
- Arnao, Victor P. Portable folding cart-table. 2,841,407, 7-1-58, Cl. 280-36.
- Arnaud, Henri. Apparatus for the instantaneous heating of liquids. 2,825,035, 2-25-58, Cl. 336-220.
- Arndt, Raymond J., to International Telephone and Telegraph Corp. Negative-impedance repeater having gain controls. 2,844,669, 7-22-58, Cl. 179-175.31.
- Arneberg, Walter M. Picnic fork. 2,858,611, 11-4-58, Cl. 30-322.
- Arneeman, Arthur D., and P. O. Edwards, to Johnson Mfg. Co. Gang saw. 2,864,413, 12-16-58, Cl. 143-60.
- Arnesen, Leif: *See*—
Traino, Louis M., and Arnesen. 2,860,560.
- Arneson, Edwin L., to Federal Paper Board Co., Inc. Article carrier. 2,835,408, 5-20-58, Cl. 220-113.
- Arneson, Edwin L., to Federal Paper Board Co., Inc. Set-up machine. 2,850,954, 9-9-58, Cl. 93-51.
- Arneson, Lawrence E.: *See*—
Ferguson, John L., Beilharz, and Arneson. 2,834,264.
- Arneson, Lawrence E., to Federal Paper Board Co., Inc. Can packaging apparatus. 2,860,461, 11-18-58, Cl. 53-56.
- Arnett, Alfred E. Towel and/or wash cloth holder. 2,839,202, 6-17-58, Cl. 211-106.
- Arnett, Leslie, to United Coffee Corp. Beverage brewing and dispensing apparatus. 2,830,528, 4-15-58, Cl. 99-283.
- Arnett, Leslie, and W. G. Freise, to Square Mfg. Co. Beverage dispensing apparatus. 2,835,410, 5-20-58, Cl. 222-129.1.
- Arnett, Leslie, and W. G. Freise, to Square Mfg. Co. Beverage dispensing apparatus. 2,840,274, 6-24-58, Cl. 222-135.
- Arni, Johann, to Anstalt Merces. Devices driven by a shaft at a variable speed and adapted to supply impulses uniformly spaced in time. 2,838,945, 6-17-58, Cl. 74-111.
- Arnold, Charles E., and F. H. Stites, to Sylvania Electric Products Inc. Voltage regulator for pulse forming network. 2,832,928, 4-29-58, Cl. 323-38.
- Arnold, Charles F.: *See*—
Owen, Webster J., and Arnold. 2,837,288.
- Arnold, David C.: *See*—
Hedgcock, Wendell T., and Arnold. 2,833,980.
- Arnold, Donovan E.: *See*—
Fabbri Michael J., and Arnold. 2,857,749.
- Arnold, Francis T., S. S. Brewster, Jr., C. B. Collins, and G. B. Crouse, to Peerless Photo Products, Inc. Flow-type copying camera. 2,837,966, 6-10-58, Cl. 88-24.
- Arnold, Fred M. Adjustable sprinkler with support means. 2,819,115, 1-7-58, Cl. 299-73.
- Arnold, Garland, to Eastern Rotorcraft Corp. Structural post-attachment mechanism. 2,836,444, 5-27-58, Cl. 287-20.5.
- Arnold, Garland, to Eastern Rotorcraft Corp. Strap securing device. 2,852,827, 9-23-58, Cl. 24-68.
- Arnold, George B.: *See*—
Pevere, Ernest F., and Arnold. 2,821,561.
- Arnold, George B., and H. V. Hess, to The Texas Co. Method for treating carbon monoxide hydrogenation product with basic material. 2,830,068, 4-8-58, Cl. 260-450.
- Arnold, Gerald D. Agricultural dehydrating system. 2,822,153, 2-4-58, Cl. 259-89.
- Arnold, Harold G., to Bauer Mfg. Co. Metal ladder. 2,855,134, 10-7-58, Cl. 228-56.
- Arnold, Hartmut, to Rand Goetze Corp. Flange type piston ring. 2,844,423, 7-22-58, Cl. 309-44.

- Arnold, Herbert, E. Kùhas, and N. Brock. Derivatives of alpha-N-(beta-dialkylamino alkyl)-amino-phenyl acetic acid esters. 2,857,395, 10-21-58, Cl. 260-310.
- Arnold, Herrick R., F. S. Fawcett, and W. W. Gilbert, to E. I. du Pont de Nemours and Co. Preparation of normally solid, high molecular weight, hydrocarbon polymers with reduced phosphomolybdic catalysts. 2,824,704, 3-4-58, Cl. 260-2.
- Arnold, Herrick R., F. S. Fawcett, and B. W. Howk, to E. I. du Pont de Nemours and Co. Hydrogenation of carbon monoxide to normally solid, high molecular weight, hydrocarbon polymers with reduced metal phosphomolybdate catalysts. 2,825,750, 3-4-58, Cl. 260-2.
- Arnold, Hoffman & Co., Inc.: See—
- Conbere, John P., and Reed. 2,824,861.
- Arnold, Israel I. Stretchable footwear construction. 2,845,723, 8-5-58, Cl. 36-9.
- Arnold, James S., to United States of America, Air Force. Ultrasonic apparatus for the nondestructive evaluation of structural bonds. 2,851,876, 9-16-58, Cl. 73-67.1.
- Arnold, John H. Control of heating value of fuel gas. 2,865,724, 12-23-58, Cl. 48-196.
- Arnold, John H., to Hydrocarbon Research, Inc. Apparatus for partial combustion of gasiform hydrocarbons. 2,840,149, 6-24-58, Cl. 158-99.
- Arnold, K., & Co.: See—
- Bortfeldt, Jürgen. 2,837,864.
- Arnold, Melvin R., and L. A. Bryan, to Flexonics Corp. Charging compound for thermostats. 2,846,395, 8-5-58, Cl. 252-67.
- Arnold, Melvin R., L. A. Bryan, and C. S. Miner, Jr. to Flexonics Corp. Charging fluid for thermostats. 2,846,396, 8-5-58, Cl. 252-67.
- Arnold, Peter, to Hanson-Van Winkle-Munning Co. Transfer mechanism. 2,826,292, 3-11-58, Cl. 198-177.
- Arnold, Robert C.: See—
- D'Ouville, Edmund L., and Arnold. 2,842,503.
- Arnold, Robert G., C. L. Kehr, and J. J. Verbanc, to E. I. du Pont de Nemours and Co. Process of curing polyalkyleneether polyurethane polymers containing ethylenically unsaturated side chains. 2,846,416, 8-5-58, Cl. 260-77.5.
- Arnold, Ted A., to W. H. Mead. Shot blasting chambers, storage chambers and the like. 2,839,338, 6-17-58, Cl. 302-36.
- Arnold, Walter W., and F. Heuser, to The Wiesner-Rapp Co., Inc. Quick opening doors for pressure vessels. 2,852,155, 9-16-58, Cl. 220-40.
- Arnold, Wilbur R., to Sinclair Oil & Gas Co. Method of treating brine disposal wells and composition therefor. 2,833,711, 5-6-58, Cl. 252-8.55.
- Arnold, William C.: See—
- Porter, Allan W. H., Arnold, and Robertson. 2,822,604.
- Arnot, Alfred E. R., to E. Kaye and J. R. Sharp. Vehicle battery replacer. 2,823,621, 2-18-58, Cl. 104-34.
- Arnot, Alfred E. R., to E. Kaye and J. R. Sharp. Clutch transmission mechanisms. 2,835,361, 5-20-58, Cl. 192-3.5.
- Arnot, Alfred E. R., to J. R. Sharp and E. Kaye. Mast and other load lifting trucks. 2,828,879, 4-1-58, Cl. 214-670.
- Arnot, Alfred E. R., to E. Kaye, and J. R. Sharp. Industrial trucks. 2,855,071, 10-7-58, Cl. 187-9.
- Arnot, Alfred E. R., to E. Kaye, and J. R. Sharp. Goods lifting trucks. 2,855,119, 10-7-58, Cl. 214-672.
- Arnot, Alfred E. R., to J. R. Sharp and E. Kaye. Trucks for transporting goods. 2,865,648, 12-23-58, Cl. 280-62.
- Arnot, Alfred E. R., and A. H. van Hooydonk, to J. R. Sharp and E. Kaye. Metering devices for hydraulic circuits. 2,843,141, 7-15-58, Cl. 137-115.
- Arnott, Edward G. F., and H. F. Ivey, to Westinghouse Electric Corp. Cathode-ray device. 2,863,084, 12-2-58, Cl. 315-1.
- Arnoux Corp.: See—
- Linhart, Theo F., Jr., Fish, and Hixson. 2,851,574.
- Arntz, Robert L.: See—
- Epstein, Philip L., and Arntz. 2,858,457.
- Aro Equipment Corp., The: See—
- Altman, Howard W. 2,823,822.
- De Groff, William B. 2,843,092.
- De Groff, William B. 2,860,531.
- Gabriel, Charles P. 2,823,687.
- Gorrell, Donald W., and Knapp. 2,823,934.
- Hinkle, Oliver E. 2,819,616.
- Johnson, Leonard L. 2,842,995.
- Keckler, John W., and Wilkening. 2,834,343.
- Knapp, Elwood F. 2,856,147.
- Parke, William N. 2,865,236.
- Stine, Robert E. 2,842,994.
- Zwayer, Robert E. 2,846,984.
- Zwayer, Robert E. 2,823,775.
- Aron, Mitchell, and C. F. Miller, to Westinghouse Electric Corp. Electron discharge device. 2,840,736, 6-24-58, Cl. 313-6.
- Aron, Werner L. Portable gas meter prover. 2,854,845, 10-7-58, Cl. 73-3.
- Aronberg, Lester. Dye stick and process of making it. 2,835,604, 5-20-58, Cl. 106-243.
- Aronberg, Lester. Soldering flux. 2,840,499, 6-24-58, Cl. 148-23.
- Aroonco Meter Products Corp.: See—
- Karal, Hans. 2,866,443.
- Aronofsky, Julius S., to Socony Mobil Oil Co., Inc. Electrolytic analogue. 2,824,689, 2-25-58, Cl. 235-61.
- Aronovsky, Samuel I., and E. C. Lathrop, to United States of America, Agriculture. Modified mechano-chemical pulping. 2,835,574, 5-20-58, Cl. 92-6.
- Aron-Samuel, Jan M. D.: See—
- Chabrier, Pierre, and Desjoberg. 2,863,868.
- Aronson, Albert I., to Radio Corp. of America. Stabilized transistor signal amplifier circuit. 2,847,519, 8-12-58, Cl. 179-171.
- Aronson, George L. Game apparatus. 2,863,666, 12-9-58, Cl. 273-108.
- Aronson, Theodore F.: See—
- Halahan, John, Aronson, and Lyon. 2,834,596.
- Halahan, John, Aronson, and Lyon. 2,840,969.
- Halahan, John, Aronson, and Lyon. 2,849,099.
- Halahan, John, Aronson, and Lyon. 2,849,232.
- Halahan, John, Aronson, and Lyon. 2,861,803.
- Lyon, Floyd A., and Aronson. 2,863,244.
- Aronson, Theodore F., and F. A. Lyon. Sheet feeding mechanism. 2,859,964, 11-11-58, Cl. 271-29.
- Aronstein, Robert. Optical device for therapeutic and other purposes. 2,820,918, 1-21-58, Cl. 313-108.
- Aroyan, Harry J., to California Research Corp. Separation of isomeric phthalic acids. 2,820,819, 1-21-58, Cl. 260-525.
- Arp, Ewald A., to Tobin-Arp Mfg. Co. Hydraulic pump. 2,850,981, 9-9-58, Cl. 103-49.
- Arpaia, Michael A. Fuel carbureting system. 2,864,597, 12-16-58, Cl. 261-47.
- Arpin, Leon G. Gun supporting sling. 2,828,058, 3-25-58, Cl. 224-1.
- Arps, Bruno F., and C. O. Schmahl, to Arps Corp. Tractor scraper blade adjustment assemblage. 2,822,628, 2-11-58, Cl. 37-159.
- Arps Corp.: See—
- Arps, Bruno F., and Schmahl. 2,822,628.
- Arrandale, Roy S., and R. G. Dreyfuss, to Thatcher Glass Mfg. Co., Inc. Organopolysiloxane coating composition and method for coating glass therewith. 2,827,440, 3-18-58, Cl. 260-29.2.
- Arrasmith, Grant H., to American Brake Shoe Co. Brake shoe retainer key. 2,858,914, 11-4-58, Cl. 188-243.
- Arrasmith, William C. Adjustable balanced doublet antenna with impedance matching means. 2,861,267, 11-18-58, Cl. 343-822.
- Arrow-Hart & Hegeman Electric Co., The: See—
- Schleicher, Harold E. 2,859,302.
- Arrow Safety Device Co.: See—
- Middleton, Paul F. 2,829,215.
- Arrow Tools, Inc.: See—
- Veres, Edward W. 2,850,323.
- Arrowhead Products, Inc.: See—
- De Pew, Thomas N., and Heise. 2,828,932.
- De Pew, Thomas N., and Heise. 2,828,933.
- Arrowhead Steel Buildings, Inc.: See—
- Josephs, Arthur C. 2,858,916.
- Arrowsmith, Jessie M. and R. K. Device for correcting quiz papers and work books in school classrooms. 2,835,989, 5-27-58, Cl. 35-48.
- Arrowsmith, Robert K.: See—
- Arrowsmith, Jessie M. and R. K. 2,835,989.
- Arsenault, Eugene W., and J. F. Nottelmann, to General Electric Co. Brush holder and rigging assembly. 2,862,123, 11-25-58, Cl. 310-241.
- Art Cap Co., Inc.: See—
- Krieger, Maurice H. 2,848,720.
- Art Metal Construction Co.: See—
- Robertson, John W. 2,847,776.
- Vernon, Dixon S. 2,848,751.
- Art-Craft Optical Co.: See—
- Bennett, Raymond H. 2,831,393.
- Artafact Venetian Blind Mfg. Co.: See—
- Smythe, Edwin T. 2,862,551.
- Arterbury, Bryant P., and G. M. Clark, 33 $\frac{1}{3}$ to R. L. Arterbury. Safety joint with shear pin release means. 2,839,315, 6-17-58, Cl. 285-3.
- Arterbury, Bryant P., and C. L. Rawe, 33 $\frac{1}{3}$ to R. L. Arterbury. Safety joint with detent latch means disengageable without rotation. 2,843,399, 7-15-58, Cl. 285-3.
- Arterbury, Bryant P., and G. M. Clark, 33 $\frac{1}{3}$ to R. L. Arterbury. Tool for controlling fluid circulation in well bores. 2,847,073, 8-12-58, Cl. 166-147.
- Arterbury, Roy L.: See—
- Arterbury, Bryant P., and Clark. 2,839,315.
- Arterbury, Bryant P., and Clark. 2,847,073.
- Arterbury, Bryant P., and Rawe. 2,843,399.
- Arters, Albert A.: See—
- Grummitt, Oliver J., and Arters. 2,842,451.
- Arth, Glen E., G. I. Poos, and L. H. Sarett, to Merck & Co., Inc. Dodecahydrophenanthrene compounds and methods of preparing the same. 2,842,557, 7-8-58, Cl. 260-340.9.
- Arth, Glen E., G. I. Poos, and L. H. Sarett, to Merck & Co. Δ^8 -11,16,20-triketopregnene 3-ketals and process. 2,864,818, 12-16-58, Cl. 260-239.55.
- Arth, Glen E., G. I. Poos, and L. H. Sarett, to Merck & Co. Δ^5 , Δ^8 -11,20-diketopregnene-16-(organic sulfonoxo)-pregnadiene-3-ketals and process. 2,864,819, 12-16-58, Cl. 260-239.55.
- Arthur, George R.: See—
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- Arthur, John L. Pulley construction. 2,852,949, 9-23-58, Cl. 74-230.3.
- Arthur, Richard P., to International Telephone and Telegraph Corp. Electromagnetic counting device and contact bank. 2,844,686, 7-22-58, Cl. 200-104.
- Arthur, Ronald H., to Royal McBee Corp. Modular block punch selector assembly. 2,837,162, 6-3-58, Cl. 164-111.
- Arthur, Ronald H., and D. G. Hebert, to Royal McBee Corp. Printed circuit switch constructions. 2,853,565, 9-23-58, Cl. 200-16.
- Arthur, William H., to Western Printing and Lithographing Co. Water color picture. 2,857,698, 10-28-58, Cl. 41-26.
- Arthurs, William L. Crop protector. 2,832,178, 4-29-58, Cl. 47-29.
- Artino, Anthony. Mixing device. 2,840,358, 6-24-58, Cl. 259-130.
- Artos Engineering Co.: See—
- Andren, Karl H. 2,825,512.
- Gudmestad, Ragnar. 2,826,235.
- Artsay, Nicholas C., to Foster Wheeler Corp. Vapor generators. 2,864,344, 12-16-58, Cl. 122-494.
- Artzt, Maurice, to the United States of America as represented by the Secretary of the Army. Multiplex facsimile system. 2,831,056, 4-15-58, Cl. 178-7.1.
- Artzt, Maurice, to Radio Corp. of America. Voltage and waveform regulator. 2,839,719, 6-17-58, Cl. 323-45.
- Arundale, Erving: See—
- Kittleson, Allen R., Arundale, Jones, and Fenske. Re. 24,485.
- Thorn, John P., Guyer, and Arundale. 2,861,959.
- Arundale, Erving, and J. Versteeg, to Esso Research and Engineering Co. Process for producing high quality white petroleum oil with sulfuric acid followed by sulfuric acid and formaldehyde. 2,849,375, 8-26-58, Cl. 196-40.
- Arundale, Erving, W. R. F. Guyer, and J. P. Thorn, to Esso Research and Engineering Co. Impregnation procedure for manufacturing hydroforming catalysts. 2,852,474, 9-16-58, Cl. 252-466.
- Arundel, Coulthard & Co. Ltd.: See—
- Ridgway, Frank. 2,838,904.
- Arutunoff, Armais, to Reda Pump Co. Motor protector and cooling system for submergible pumping assembly. 2,854,595, 9-30-58, Cl. 310-87.
- Arvanetakis, Kiryako, and C. W. Radcliff, to Pipeline X-Ray Service. Roll film holder for radiographic work. 2,847,580, 8-12-58, Cl. 250-66.
- Arvay, John, Jr. Ultra-high frequency television antenna. 2,836,819, 5-27-58, Cl. 343-802.
- Arve, Harold R., and J. Barker. Grinder attachment for vehicles. 2,823,495, 2-18-58, Cl. 51-166.
- Arvey Corp.: See—
- Decker, Charles A., and Eder. 2,824,395.
- Johnson, Arnold E. 2,860,439.
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- Vernet, Sergius, and Asakawa. 2,835,634.
- Asakawa, George, to Antioch College. Heating element. 2,861,163, 11-18-58, Cl. 201-72.
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- Thomas, Robert L. 2,836,337.
- Asano, Kosuke: See—
- Watanabe, Kolchi, and Asano. 2,822,939.
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- Asbeck, Hans J., and L. J. Jordan, to The Sherwin-Williams Co. Coated building blocks and method of producing same. 2,861,011, 11-18-58, Cl. 117-72.
- Asbury, Charles T. Cutting device. 2,850,862, 9-9-58, Cl. 56-295.
- Asbury, Charles T. Loop tension cutter. 2,851,028, 9-9-58, Cl. 125-5.
- Asbury, George F., Sr.: See—
- Kohn, Earl J., and Asbury. 2,830,867.
- Ascani, Albert W. Counter stacker. 2,822,079, 2-4-58, Cl. 198-224.
- Aschacker, Martin, to West Canadian Collieries Ltd. Apparatus for drilling large holes between galleries. 2,837,324, 6-3-58, Cl. 262-7.
- Aschauer, George R., to Twin Disc Clutch Co. Multiple disc clutch with releasing and cooling means. 2,827,142, 3-18-58, Cl. 192-69.
- Aschauer, George R., to Twin Disc Clutch Co. Marine gear drive. 2,851,895, 9-16-58, Cl. 74-361.
- Ascherl, Alfons, F. Buttner, and E. Enk, to Wacker-Chemie G. m. b. H. Method for separating water-soluble alcohols and esters. 2,865,955, 12-23-58, Cl. 260-499.
- Aschermann, Wilfried, to North American Philips Co., Inc. Non-radiating frequency converter for a radio receiver. 2,823,305, 2-11-58, Cl. 250-20.
- Ascoli, Enzo, G. Cereghetti, and C. Tschurr, to Paillard S. A. Accounting apparatus for application to typewriters or the like. 2,818,960, 1-7-58, Cl. 197-128.
- Aseptic-Thermo Indicator Co.: See—
- Huyck, Willard M., and Romito. 2,826,073.
- Romito, Vincent A. 2,850,393.
- Ash, Alvin G.: See—
- Rasmussen, William B. 2,864,538.
- Ash, Denis J., and R. A. Davis, to The British Tabulating Machine Co. Ltd. Record card controlled printing mechanisms. 2,837,023, 6-3-58, Cl. 101-93.
- Ashauer, Karl, M. Kalversberg, and H. Dorpmund, to Volkswagenwerk G. m. b. H. Synchronizer. 2,864,476, 12-16-58, Cl. 192-53.
- Ashaway Line & Twine Mfg. Co.: See—
- Crandall, Julian T. 2,861,417.
- Ashbrook, Clifford L., to H. T. Chamberlain, trustee. Thin-wall pipe coupling with pressure actuated locking gasket. 2,837,353, 6-3-58, Cl. 285-106.
- Ashburn, Evelyn L.: See—
- Dilworth, John P., Puryear, and Ashburn. 2,822,331.
- Ashburn, Harry V.: See—
- Dilworth, John P., Puryear, and Ashburn. 2,822,331.
- Ashby, Bruce A.: See—
- Solomon, Myer M., and Ashby. 2,854,424.
- Ashby, Bruce A., E. C. Britton, and L. H. Horsley, to The Dow Chemical Co. (1-piperaziny) alkyldithiocarbamic acids. 2,844,580, 7-22-58, Cl. 260-268.
- Ashby, Bruce A., E. C. Britton, and L. H. Horsley, to The Dow Chemical Co. Morpholinoalkyldithiocarbamic acids. 2,857,379, 10-21-58, Cl. 260-247.1.
- Ashby, Clarence E., to E. I. du Pont de Nemours and Co. Purification of organic peroxides. 2,858,326, 10-28-58, Cl. 260-453.
- Ashby, Ralph E. Poultry waterer valve holder. 2,825,303, 3-4-58, Cl. 119-81.
- Ashby, Robert H.: See—
- Gresham, William C., and Ashby. 2,842,339.
- Ashby, Robert M.: See—
- Arenberg, David L., and Ashby. 2,826,744.
- Ashby, Robert M. Scanning receiver which ignores image signal and locks on desired signal. 2,852,669, 9-16-58, Cl. 250-20.
- Ashby, Robert M., A. F. Fairbanks, and W. M. Cady, to North American Aviation, Inc. Magnetic recording head. 2,838,614, 6-10-58, Cl. 179-100.2.
- Ashcraft, Clarence S. Air-cooled heat deflector for picture projector arc lamp. 2,820,394, 1-21-58, Cl. 88-24.
- Ashenden, Harry B., to Allis-Chalmers Mfg. Co. Circuit breaker antipumping control system responsive to accumulator pressure. 2,832,011, 4-22-58, Cl. 317-54.
- Ashenden, Richard C., Jr. Coffee urn. 2,851,942, 9-16-58, Cl. 99-290.
- Ashford, Leonard F., to Specialty Engineering Co. Truck body for cased and palletized goods. 2,866,663, 12-30-58, Cl. 296-24.
- Ashkenaz, David M., to American Home Products Corp. Plastic injection syringe. 2,826,195, 3-11-58, Cl. 128-218.
- Ashkenaz, David M., to American Home Products Corp. Cartridge-needle unit. 2,828,742, 4-1-58, Cl. 128-218.
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- Ashkin, Arthur, to Bell Telephone Laboratories, Inc. Electrostatic focusing of electron beams. 2,843,793, 7-15-58, Cl. 315-3.5.
- Ashkin, William C. Shoulder preparation of teeth. 2,828,544, 4-1-58, Cl. 32-58.
- Ashley, Carlyle M., to Carrier Corp. Air conditioning system including compensating mechanism for the effects of solar radiation. 2,836,364, 5-27-58, Cl. 236-1.
- Ashley, James W.: See—
- Long, Everett and Ashley. 2,852,457.
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- Ashley, John W., and J. F. Leahy, to United Shoe Machinery Corp. Heel attaching apparatus. 2,832,095, 4-29-58, Cl. 18-30.
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- Ashley, Kenneth D., and M. W. Michael, to American Cyanamid Co. Separation and recovery of mercury. 2,846,305, 8-5-58, Cl. 75-121.
- Ashley, Kenneth D., and G. J. Bruni, to American Cyanamid Co. Process of preparing alumina sols from aluminum pellets. 2,859,183, 11-4-58, Cl. 252-313.
- Ashley, Kenneth D., and W. E. Sanborn, to American Cyanamid Co. Process of manufacture of silica alumina catalyst. 2,859,184, 11-4-58, Cl. 252-453.
- Ashley, Kenneth D., and M. W. Michael, to American Cyanamid Co. Recovery of platinum from platinum aluminum catalyst. 2,863,760, 12-9-58, Cl. 75-108.
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- Ashley, Lawrence F., and J. J. Neiman. Flying saucer toy. 2,826,860, 3-18-58, Cl. 46-10.

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- Ashley, Robert W., to United States of America, Atomic Energy Commission. Hydrogen isotope targets. 2,847,331, 8-12-58, Cl. 117-220.
- Ashley, Tom H., and G. Gee, to James North & Sons Limited. Industrial protective clothing. 2,849,786, 9-2-58, Cl. 28-80.
- Ashley, Warren C., S. O. Fiedler, and J. Bjorksten, to Bjorksten Research Laboratories, Inc. Mastic-backed metal wool scouring pad. 2,845,650, 8-5-58, Cl. 15-209.
- Ashlin, Curtis G.: *See*—
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- Ashlock, George W., Co.: *See*—
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- Ashlock, George W., Jr., to George W. Ashlock Co. Pitted olive slicer. 2,828,788, 4-1-58, Cl. 146-98.
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- Ashton, Albert A., to Youngstown Sheet and Tube Co. Hydraulic couplings with means providing for misalignment of input and output shafts. 2,864,240, 12-16-58, Cl. 60-54.
- Ashton, Philip E., and A. W. Schnick, to Cuno Engineering Corp. Circuit breaker lighter. 2,848,590, 8-19-58, Cl. 219-32.
- Ashton, Robert, to Massey-Harris-Ferguson, Inc. Operator's cab and grain tank arrangement for harvesters. 2,834,633, 5-13-58, Cl. 296-28.
- Ashton, Robert, to Massey-Ferguson Inc. Fanning mill for combines. 2,849,118, 8-26-58, Cl. 209-318.
- Ashton, Stewart B., and W. L. Roy, to H. B. Neal. Awning. 2,824,341, 2-25-58, Cl. 20-57.5.
- Ashton, William E.: *See*—
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- Ashton, William H.: *See*—
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- Ashwill, Richard E., to Houdry Process Corp. Disengagement of gases from fluent solid particles. 2,857,327, 10-21-58, Cl. 208-168.
- Ashwood, Peter F., to Power Jets (Research and Development) Ltd. Gas inlet structure for combustion chambers. 2,826,039, 3-11-58, Cl. 60-39.65.
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- Ashworth, Harry E., to Westinghouse Air Brake Co. Magnetic hold-down devices. 2,836,774, 5-27-58, Cl. 317-171.
- Ashworth, William J., to Mechanical Patents, Inc. Drier. 2,834,122, 5-13-58, Cl. 34-163.
- Ashworth, Winthrop F., to United-Carr Fastener Corp. Fastening device. 2,819,506, 1-14-58, Cl. 24-218.
- Ashworth, Winthrop F., to United-Carr Fastener Corp. Post office fastener. 2,840,409, 6-24-58, Cl. 292-317.
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- Aslesen, William C. Food warming device. 2,818,794, 1-7-58, Cl. 99-341.
- Asmus, Richard W.: *See*—
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- Aspeek, Reginald J. Rotary impact hand tool. 2,833,173, 5-6-58, Cl. 81-52.3.
- Aspelin, Leslie L., to Thompson Products, Inc. Apparatus for delivering liquid from an aircraft fuel cell under all flight conditions. 2,829,805, 4-8-58, Cl. 222-333.
- Aspelin, Leslie L., to Thompson Products, Inc. Lubricating and cooling arrangement for a bearing assembly. 2,853,948, 9-30-58, Cl. 103-87.
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- Aspenes, Donald D. Container closure with safety type fastener. 2,831,595, 4-22-58, Cl. 215-9.
- Asperger, Paul. Geometrical instrument. 2,824,377, 2-25-58, Cl. 33-158.
- Aspergren, Brooke D.: *See*—
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- Asquith, William, Ltd.: *See*—
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- Asselin, John D., and R. M. Henrikson, to Whirlpool Corp. Method of coating fibrous hardboard panels and resultant article. 2,858,236, 10-28-58, Cl. 117-68.
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- Assmann, Otto, to Dorst-Keramikmaschinen-Bau. Ceramic press. 2,844,858, 7-29-58, Cl. 25-93.
- Associated Portland Cement Manufacturers Ltd., The: *See*—
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- Associated Seed Growers, Inc.: *See*—
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- Astatic Corp., The: *See*—
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- Astley, Benjamin P., to B. F. Perkins & Sons, Inc. Hydraulic rupture testing machine. 2,826,063, 3-11-58, Cl. 73-102.
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- Aston, Horace, to Salter, George & Co. Ltd. Spring balances. 2,821,376, 1-28-58, Cl. 265-68.
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- Astorga, Angel A. Stepped wall construction. 2,851,875, 9-16-58, Cl. 72-30.
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- Atamian, Zaven, to Hughes Aircraft Co. Electrical contact brush biasing arrangement. 2,848,633, 8-19-58, Cl. 310-245.
- Atchison, Charles T. Waterproof cigarette case and lighter. 2,836,288, 5-27-58, Cl. 206-41.4.
- Atchison, Leonard W., to General Electric Co. Heating and cooling arrangement using a heat pump. 2,847,834, 8-19-58, Cl. 62-263.
- Atchison, Leonard W., and E. A. Zuercher, Jr., to General Electric Co. Electric switch and thermostat control. 2,840,667, 6-24-58, Cl. 200-122.
- Atchley, Raymond D., and D. G. O'Brien, to Midwestern Instruments. Servo valve assembly. 2,865,340, 12-23-58, Cl. 121-41.
- Ateliers de Constructions Electriques de Charleroi: *See*—
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- Ateliers de la Motobecane, Societe Anonyme Francaise: *See*—
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- Ateliers des Charmilles S. A.: *See*—
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- Atherholt, George L., Sr. Expandable ring chuck. 2,853,306, 9-23-58, Cl. 279-4.
- Atherton, Albert H., and H. E. Holman, to Electric & Musical Industries Ltd. Manufacture of grids for electron discharge devices. 2,845,691, 8-5-58, Cl. 29-25.17.
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- Athey Products Corp.: *See*—
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- Athey, Skipwith W., and W. S. Carter, Jr., to General Precision Laboratory Inc. Artificial stereophonic sound system. 2,838,608, 6-10-58, Cl. 179-1.
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- Atkeson, Florian V., to Pittsburgh Plate Glass Co. Improvement in fabricating bent laminated assemblies. 2,827,739, 3-23-58, Cl. 49-84.
- Atkin, Rupert L., to Kelsey-Hayes Co. Tire rim. 2,826,456, 3-11-58, Cl. 301-11.
- Atkin, Rupert L., to Kelsey-Hayes Co. Tubeless tire rim and valve stem assembly. 2,853,015, 10-7-58, Cl. 152-427.
- Atkins, Carl E., to Tung-Sol Electric Inc. Light responsive circuit. 2,830,192, 4-8-58, Cl. 250-214.

- Atkins, Carl E., to Tung-Sol Electric Inc. Control circuit. 2,842,721, 7-8-58, Cl. 317-130.
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- Atkins, Horace W. Lever actuated, electric switch adapters. 2,848,585, 8-19-58, Cl. 200-172.
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- Atkins, Leland T.: See—
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- Atkins, Leroy M., to United States of America, Air Force. Explosive time delay switch. 2,835,758, 5-20-58, Cl. 200-61.08.
- Atkins & Pearce Mfg. Co., The: See—
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- Atkins, Samuel L. Cigarette. 2,833,289, 5-6-58, Cl. 131-9.
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- Atkinson, James D., Jr., to The Buckeye Cellulose Corp. Protein compositions. 2,848,342, 8-19-58, Cl. 106-154.
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- Atkinson, Ralph B., and S. G. Ellis; said Ellis assor. to said Atkinson. Method and apparatus of producing variable area magnetic records. 2,822,427, 2-4-58, Cl. 179-100.2.
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- Atkinson, Robert P., to General Motors Corp. Centrifugal compressor. 2,819,012, 1-7-58, Cl. 230-119.
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- Atkinson, Truman L. Shoe rack. 2,845,182, 7-29-58, Cl. 211-37.
- Atkinson, Wallace E., to Long Mfg. Co., Inc. Drawbolt and lock assembly. 2,819,601, 1-14-58, Cl. 70-73.
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- Atkinson, William A. Mobile handling rack for differential gear unit. 2,840,345, 6-24-58, Cl. 254-2.
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- Atlantic Machine Tool Works, Inc.: See—
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- Atlas-Boxmakers, Inc.: See—
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- Atlas Chain & Mfg. Co.: See—
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- Atlas, David. Radar contour mapping device. 2,859,437, 11-4-58, Cl. 343-11.
- Atlas, Leon M., to Armour Research Foundation of Illinois Institute of Technology. Densifying magnesia. 2,823,134, 2-11-58, Cl. 106-58.
- Atlas Mfg. & Sales Corp., The: See—
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- Atlee, Zed J., to Dunlee Corp. X-ray tube cathode. 2,836,747, 5-27-58, Cl. 313-57.
- Atlee, Zed J., to Dunlee Corp. Electron discharge device. 2,836,748, 5-27-58, Cl. 313-58.
- Atlee, Zed J., to Dunlee Corp. 360° X-ray generator. 2,836,749, 5-27-58, Cl. 313-59.
- Atlee, Zed J., to Dunlee Corp. X-ray generator target construction. 2,836,757, 5-27-58, Cl. 313-330.
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- Ator, Joe T., to General Controls Co. Flame responsive device using plugged compensatory tube. 2,840,145, 6-24-58, Cl. 158-28.
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- Attenburg, Walter P.: See—
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- Atterton, David V., to Foundry Services Ltd. Method of treating alloys. 2,850,443, 9-2-58, Cl. 204-71.
- Atti, Eros, to Westinghouse Electric Corp. Machine for coating the interior of cathode ray tube bulbs. 2,821,160, 1-28-58, Cl. 118-11.
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- Attwood, James W. Pipe or tubing support or hanger. 2,863,625, 12-9-58, Cl. 248-62.
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- Attwood, John G., C. C. Smith, and J. N. Covert, to Union Special Machine Co. Sewing machine lubrication systems. 2,863,412, 12-9-58, Cl. 112-256.
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- Atwood, Harold B., and R. B. Wilson, to The Quaker Oats Co. Method and apparatus for continuously detecting and correcting lightweight packages. 2,818,888, 1-7-58, Cl. 141-1.
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- Atwood, Seth B.: See—
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- Atwood Vacuum Machine Co.: See—
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- Aubrey, Joseph H.: See—
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- Aubuchon, William F., to Scovill Mfg. Co. Holders for slide fasteners. 2,838,831, 6-17-58, Cl. 29-284.
- Auburn Machine and Tool Co., Inc.: See—
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- Auchincloss, Reginald. Ureide of thiamine and method of preparation thereof. 2,828,310, 3-25-58, Cl. 260-256.6.
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- Audemar, Pierre, to Societe Alsacienne de Constructions Mecaniques. Shaft seal. 2,844,418, 7-22-58, Cl. 308-36.3.
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- Auer, John H., Jr., and H. C. Kendall, to General Railway Signal Co. Speed measuring system. 2,859,435, 11-4-58, Cl. 343-8.
- Auer, Josef, to Huttenwerk Oberhausen Akt. Blowing nozzle for the refining of metals. 2,836,411, 5-27-58, Cl. 266-34.
- Auer, Laszlo, to J. R. Geigy S. A. Oil-in-water emulsion textile printing extender pastes. 2,825,707, 3-4-58, Cl. 260-15.
- Auer, Laszlo, to J. R. Geigy S. A. Process in making oil-in-water resin emulsion pigment printing colors. 2,825,708, 3-4-58, Cl. 260-22.
- Auerbach, Abraham E., to Leon Fine & Associates. Electromagnetic typewriter. 2,860,757, 11-18-58, Cl. 197-84.
- Auerbach, Albert A.: See—
- Eckert, John P., Jr., and Auerbach, 2,854,574.
- Auerbach, Isaac L., to Burroughs Corp. Variable matrix for performing arithmetic and logical functions. 2,844,812, 7-22-58, Cl. 340-174.
- Auerbach, Morris E., to Sterling Drug Inc. Aqueous riboflavin compositions. 2,837,461, 6-3-58, Cl. 167-81.
- Aufrecht, Gustave. Combined spectacle frame and nasal clamp. 2,843,115, 7-15-58, Cl. 128-76.
- Augenstein, Karl C., to Speidel Corp. Terminal connector for expansion bracelets. 2,826,900, 3-18-58, Cl. 63-5.
- Auger, Alas E. Mail signal means for rural mailboxes. 2,843,316, 7-15-58, Cl. 232-34.
- Auger, George. Hydraulic steering mechanism. 2,855,755, 10-14-58, Cl. 60-54.5.
- Auger, Raymond N. Control apparatus. 2,834,843, 5-13-58, Cl. 200-17.
- Augsbach, Clarence E.: See—
- Rochester, Lester L., 2,851,008.
- Augsburger, Clyde, to National Fireproofing Corp. Portable drilling machines. 2,833,518, 5-6-58, Cl. 255-51.
- Augsburger, Herbert M., to Owens-Illinois Glass Co. Electrode mounting apparatus for furnaces. 2,865,972, 12-23-58, Cl. 13-17.
- August, Pablo. Two-stroke cycle internal combustion engine. 2,826,894, 3-18-58, Cl. 60-14.
- August, Pablo. Accessory device for use in internal combustion engines. 2,833,261, 5-6-58, Cl. 123-122.
- August, Pablo. Fuel-gasifying device for gasoline engines. 2,833,262, 5-6-58, Cl. 123-133.
- August, William, to The Birtcher Corp. Gas-blanketed electro-surgical device. 2,828,747, 4-1-58, Cl. 128-303.14.
- August, William, to The Birtcher Corp. Gas blanketed electro-surgical device. 2,828,748, 4-1-58, Cl. 128-303.14.
- Augustin, Irmgard B. Sun goggles. 2,857,598, 10-28-58, Cl. 2-14.
- Augustin, Johann, to International Standard Electric Corp. Automatic attachment switch-over device, in particular for teleprinters. 2,865,983, 12-23-58, Cl. 178-4.1.
- Augustin, Johann W., to C. Lorenz, Akt. Pageprinter. 2,864,482, 12-16-58, Cl. 197-49.
- Aull, Henry B., and A. S. Cross. Flux composition. 2,829,078, 4-1-58, Cl. 148-24.
- Aull, Watson P. Shoe box having shoe withdrawing means. 2,855,096, 10-7-58, Cl. 206-7.
- Aulman, Dean H., $\frac{1}{2}$ to H. E. Aulman. Apparatus and method for excluding air bubbles from submerged well pump. 2,818,817, 1-7-58, Cl. 103-203.
- Aulman, Harry E.: See—
- Aulman, Dean H., 2,818,817.
- Ault, Bromwell, and E. W. Worthington. Printing press ink motion enclosures. 2,854,924, 10-7-58, Cl. 101-350.
- Ault, Cyrus F., to Allen B. Du Mont Laboratories, Inc. Clipping and current limiting circuit. 2,823,275, 2-11-58, Cl. 250-27.
- Ault, Cyrus F., to General Electric Co. Pulse processing system. 2,866,091, 12-23-58, Cl. 250-27.
- Ault, Frederick G., to George Salter & Co. Ltd. Means for applying coolant during grinding operations. 2,863,265, 12-9-58, Cl. 51-267.
- Ault, Hyman J. Drapery carrier. 2,848,734, 8-26-58, Cl. 16-87.4.
- Ault, Hyman J., and F. Wilcox, said Wilcox to said Ault. Drapery carrier. 2,848,735, 8-26-58, Cl. 16-93.
- Ault, Isaac L., to Socony Mobil Oil Co., Inc. Well packer. 2,823,754, 2-18-58, Cl. 166-120.
- Ault, Isaac L., to Socony Mobil Oil Co., Inc. Well flow device. 2,839,144, 6-17-58, Cl. 166-148.
- Ault, Isaac L., to Socony Mobil Oil Co., Inc. Flexible hose support crane. 2,861,532, 11-25-58, Cl. 114-0.5.
- Ault, Neil N.: See—
- Ueltz, Herbert F. G., and Ault, 2,860,999.
- Ault, Waldo C., A. Eisner, and J. T. Scanlan, to United States of America as represented by the Secretary of Agriculture. Production of lanolin alcohols. 2,824,143, 2-18-58, Cl. 260-638.
- Aumann, Mark D., to Armament Components, Inc. Circular flexible chute. 2,838,152, 6-10-58, Cl. 193-16.
- Aumick, Kenneth D.: See—
- Gleasant, Hollis K., and Aumick, 2,854,857.
- Aumuller, Walter: See—
- Ehrhart, Gustav, Ruschig, Stein, Aumuller, and Ther, 2,850,497.
- Aurell, Carl-Georg P., to Telefonaktiebolaget L M Ericsson. Device for demodulating duration modulated pulses. 2,866,894, 12-30-58, Cl. 250-27.
- Aurell, Walter. Process of making cake containing protopetin. 2,865,757, 12-23-58, Cl. 99-92.
- Aurora Equipment Co.: See—
- Sitler, Richard W., 2,824,775.
- Sitler, Richard W., 2,837,393.
- Sitler, Richard W., 2,857,229.
- Aurora Plastics Corp.: See—
- Shikes, Abraham, 2,826,811.
- Ausman, Milton A.: See—
- Davis, Vincent C., and Ausman, 2,846,590.
- Austen, Alan E. W., and D. B. Wedmore, to C. A. V. Ltd. Means for testing paper or other filters. 2,833,140, 5-6-58, Cl. 73-38.
- Austenal, Inc.: See—
- Broom, Robert F., 2,858,599.
- Erdle, Paul H., and Feagin, 2,859,088.
- Auster Aircraft Ltd.: See—
- Payne, Peter R., 2,863,514.
- Auster, Martin. Tray for gas tank cap. 2,839,201, 6-17-58, Cl. 211-86.
- Austgen, Kenneth J., and J. E. Candlin, Jr., to Pullman-Standard Car Mfg. Co. Multiple berth arrangement. 2,844,109, 7-22-58, Cl. 105-321.
- Austin, Bascom O., to Westinghouse Electric Corp. Control and protection of electric power systems. 2,821,666, 1-28-58, Cl. 317-13.
- Austin, Bascom O., to Westinghouse Electric Corp. Time delay relay means. 2,821,668, 1-28-58, Cl. 317-49.
- Austin, Bascom O., and A. A. Lighty, to Westinghouse Electric Corp. Generator control and protective system. 2,821,667, 1-28-58, Cl. 317-13.
- Austin, Benjamin L., to Christensen Diamond Products Co. Rotary drill bit. 2,838,284, 6-10-58, Cl. 255-61.
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- Austin, Benjamin L., to Baker Oil Tools, Inc. Apparatus for bridging and cementing well casing. 2,845,130, 7-29-58, Cl. 166-187.
- Austin, Charles C., to Sutherland Paper Co. Device for applying covers of flexible material to paper cups and like receptacles. 2,836,948, 6-3-58, Cl. 53-319.
- Austin, Charles D. Stereoscopic viewer and card holder. 2,821,884, 2-4-58, Cl. 88-29.
- Austin Co., The: See—
- Wittenmyer, Richard F., 2,835,976.
- Austin Fence Co., Inc.: See—
- Austin, Raymond E., 2,827,295.
- Austin, Harry W., to Mine Safety Appliances Co. Mask for breathing apparatus. 2,835,250, 5-20-58, Cl. 128-141.
- Austin, Harry W., to Mine Safety Appliances Co. Protective headgear and headgear lining. 2,853,708, 9-30-58, Cl. 2-3.
- Austin, Harry W., to Mine Safety Appliances Co. Protective headgear. 2,855,604, 10-14-58, Cl. 2-3.
- Austin, Harry W., R. R. Hornickel, and D. E. Sietam, to Mine Safety Appliances Co. Noise protective device. 2,844,820, 7-29-58, Cl. 2-6.
- Austin, Hoy, and Co. Ltd.: See—
- Proctor, Sidney E., 2,865,621.
- Austin, John A., and E. Pruitt, to Producers Cotton Oil Co. of Arizona. Bale press. 2,822,750, 2-11-58, Cl. 100-220.
- Austin, John F.: See—
- Baker, Chester L., and Austin, 2,844,436.
- Austin-Lee, Inc.: See—
- Hardesty, Frederick L., 2,830,116.
- Austin, Leonard E., J. H. Ettinger, and A. K. Brown, Jr., to Bendix Aviation Corp. Switch operating mechanism. 2,846,144, 8-5-58, Cl. 235-98.
- Austin, Leonard E., A. K. Brown, Jr., and J. H. Ettinger, to Bendix Aviation Corp. Conveyor dispatching machine. 2,849,101, 8-26-58, Cl. 198-38.
- Austin, Lewis M., to Owens-Illinois Glass Co. Glass rod and tube cutting mechanism. 2,839,871, 6-24-58, Cl. 49-48.
- Austin Motor Co. Ltd., The: See—
- Momtchiloff, Ivan N., 2,844,132.
- Stanfield, James R., 2,822,859.
- Weaving, John H., 2,834,330.
- Austin, Oliver K., to Phillips Petroleum Co. Process and apparatus for the production of carbon black. 2,852,346, 9-16-58, Cl. 23-209.6.
- Austin, Paul R., to E. I. du Pont de Nemours and Co. Water soluble copolymers of vinyl acetate and allyl sulfonic acid salts and process for producing same. 2,834,759, 5-13-58, Cl. 260-79.3.
- Austin, Raymond E., to Austin Fence Co., Inc. Portable backstop. 2,827,295, 3-18-58, Cl. 273-26.
- Austin, Thomas D.: See—
- Price, Charles S., 2,826,022.
- Austin, William E., Jr., to Ingersoll-Rand Co. Power recovery system. 2,850,361, 9-2-58, Cl. 23-260.
- Australian Paper Manufacturers Ltd.: See—
- Norman, Noel E., and Madder, 2,853,133.
- Williams, David J., 2,844,068.
- Auten, Lloyd D., to Hartman Electrical Mfg. Co. Alternating current relay. 2,833,883, 5-6-58, Cl. 200-91.
- Auten, Robert W., to Rohm & Haas Co. Condensation product of isophthalic dihydrazide, formaldehyde and butanol. 2,865,890, 12-23-58, Cl. 260-72.5.

- Auto Arc-Weld Mfg. Co.: *See*—
Cornell, Elliott C., Jr. 2,819,384.
- Auto Research Corp.: *See*—
Thomas, Thomas R. 2,856,024.
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- Auto Specialties Mfg. Co.: *See*—
Rloods, Millard A. 2,835,541.
- Auto Transmissions Ltd.: *See*—
De Normanville, Edgar J. 2,851,907.
- Auto-Klean Strainers Ltd.: *See*—
English, Leonard W. 2,855,106.
- Autokraft Box Corp.: *See*—
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- Automatic Canteen Co. of America: *See*—
Perpignani, Marino, and Werner. 2,837,244.
Thompson, Ernest H. 2,836,327.
- Automatic Coin Wrapping Machine Corp.: *See*—
Schoenewolf, Friederich W. 2,841,934.
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- Automatic Designing Corp.: *See*—
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- Automatic Draft and Stove Co., Inc.: *See*—
Harding, George W. 2,864,358.
- Automatic Druckmaschinenfabrik Dr. W. Hinniger & Sohne: *See*—
Kaufmann, Kurt. 2,841,081.
- Automatic Fire Alarm Co.: *See*—
Cassell, Joseph L. 2,842,758.
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Snailegan, Marvin L. 2,866,536.
- Automatic Shifters, Inc.: *See*—
Ingres, Jeannot G. 2,841,027.
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- Automatic Steel Products, Inc.: *See*—
Killian, Robert J. 2,827,225.
Sproul, Nolte V. 2,852,117.
- Wickwire, Arthur M., Williams, and Killian. 2,826,804.
- Automatic Switch Co.: *See*—
Hurlburt, Wilbur F., Jr. 2,839,929.
- Automatic Telephone & Electric Co. Ltd.: *See*—
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Allum, Robin D., and Helsby. 2,840,641.
Brightman, Barrie. 2,836,765.
Davison, Alan, and Threadgold. 2,850,718.
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Galvin, John L. 2,851,536.
Grabau, Joachim J. A., and Saraga. 2,820,950.
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MacGeorge, William D. 2,850,686.
MacGeorge, William D. 2,855,587.
- Automotive Products Co. Ltd.: *See*—
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- Automotive Rubber Co., Inc.: *See*—
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- Auto-Test, Inc.: *See*—
Hickok, Robert D., Jr., Davies, and Yenni. 2,834,941.
- Auto-Vac Co.: *See*—
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- Autrey, Morris E. Spark intensifying device. 2,841,629, 7-1-58, Cl. 123-148.
- Autry, Wilford A., and R. W. Eichorn, to Lenox Industries, Inc. Blower damper mounting. 2,834,535, 5-13-58, Cl. 230-114.
- Auwärter, Max, and O. Winkler, to A. Vogt. Apparatus for high vacuum pumps. 2,826,353, 3-11-58, Cl. 230-2.
- Au Werter, Jay P. Apparatus for controlling fluid flow over parallel paths. 2,832,367, 4-29-58, Cl. 137-112.
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Lemoine, André A. E. 2,864,580.
- Auzin, John M. Combination valve and plug. 2,841,166, 7-1-58, Cl. 137-223.
- Avakian, Souren: *See*—
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- Avanzati, Carlos A. Novel jack clutch for use in machine-tools and tools. 2,860,750, 11-18-58, Cl. 192-44.
- Avard, Paul. Machine for slitting the bark of logs. 2,831,514, 4-22-58, Cl. 144-136.
- Avard, Paul. Means for spreading seeded top soil. 2,848,281, 8-19-58, Cl. 302-55.
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Boyle, Homer G. 2,854,622.
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Bruck, George, Lamplot, and Harter. 2,832,035.
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Bussard, Emmerly J. H., and Nathan. 2,843,828.
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Clemens, John F. 2,845,600.
Dunkelman, Arnold. 2,827,774.
Hill, George B. 2,827,754.
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- Avedikian, Souren Z. Manufacture of chlorine dioxide. 2,834,649, 5-13-58, Cl. 23-152.
- Avedikian, Souren Z. Manufacture of chlorine dioxide from an alkali metal chlorate and an alkali metal nitrite. 2,866,682, 12-30-58, Cl. 23-152.
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- Aveni, Joseph C. Artificial arm. 2,834,024, 5-13-58, Cl. 3-12.
- Avera, Fitzhugh L., to Best Foods, Inc. Nut products. 2,860,053, 11-11-58, Cl. 99-126.
- Avera, Fitzhugh L., to The Best Foods, Inc. Process of manufacturing coated nuts. 2,859,121, 11-4-58, Cl. 99-126.
- Avera, William W., to The Bahnson Co. Apparatus for catching broken ends on textile machines. 2,819,579, 1-14-58, Cl. 57-34.5.
- Averill, Charles C., to Union Steel Products Co. Materials handling container. 2,844,278, 7-22-58, Cl. 220-97.
- Averin, Walter. B-X cutter. 2,856,685, 10-21-58, Cl. 30-91.
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- Aversten, Karl J., to Svenska Aktiebolaget Gasaccumulator. Metal stud provided with an open recess for a flux at an end thereof. 2,823,297, 2-11-58, Cl. 219-99.
- Aversten, Karl J., to Svenska Aktiebolaget Gasaccumulator. Soldering pin and the like with two or more soldering sets. 2,848,594, 8-19-58, Cl. 219-99.
- Aversten, Karl J., to Svenska Aktiebolaget Gasaccumulator. Portable welder. 2,866,076, 12-23-58, Cl. 219-98.
- Avery, Burton A., and F. H. Keast, to Orenda Engines Ltd. Shroud assembly for gas turbine engines. 2,853,854, 9-30-58, Cl. 60-39.66.
- Avery-Hardoll Ltd.: *See*—
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- Avery, Harold T.: *See*—
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- Avery, Henry L., to General Motors Corp. Machine tool. 2,827,687, 3-25-58, Cl. 29-95.1.
- Avery, Julian M., to Ethyl Corp. Resolution of alkali metal amalgams. 2,833,644, 5-6-58, Cl. 75-66.
- Avery, Phillip H., to Kalamazoo Vegetable Parchment Co. Moistureproof heat sealable wrapping sheet. 2,822,287, 2-4-58, Cl. 117-14.
- Avery, Robert W., to Burroughs Corp. Amplifier system using saturable magnetic elements. Re. 24,494, 6-24-58, Cl. 340-174.
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- Aviamac Ltd.: *See*—
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- Aviators Clothing Co., Inc.: *See*—
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- Avila, Abelardo G., to Capital Products Corp. Article distributing mechanism. 2,829,752, 4-8-58, Cl. 193-39.
- Avins, Jack, to Radio Corp. of America. Sawtooth current wave generator. 2,844,739, 7-22-58, Cl. 307-58.5.
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- Avon Products, Inc.: *See*—
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- Avro Aircraft Ltd.: *See*—
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- Awedissjan, Michran K. Vibration generator. 2,861,458, 11-25-58, Cl. 74-87.
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- Awot, Adolph W., B. M. Gordon, and M. A. Meyer, to Laboratory For Electronics, Inc. Analog-to-digital converter. 2,866,183, 12-23-58, Cl. 340-347.
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- Axelrod, Herman: *See*—
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- Axelrod, Jacob, to Mid-States Aluminum Products Co. Window frame. 2,842,236, 7-8-58, Cl. 189-75.
- Axelson, John A. Aircraft control system. 2,846,165, 8-5-58, Cl. 244-90.
- Axelsson, Sten S.: *See*—
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- Axeman, James E.: *See*—
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 Aycock, Benjamin F., and E. M. Hankins, to Rohm & Haas Co. Acrylamide derivatives, their polymers and methods of producing them. 2,831,833, 4-22-58, Cl. 269-77.5.
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 Ayer, Robert W., P. H. Stafford and D. W. Jones, to Kenyon Instrument Co., Inc. Fluid pressure regulating valve. 2,827,911, 3-25-58, Cl. 137-81.
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 Ayers, George W., and W. J. Sandner, to The Pure Oil Co. Production of odorless naphthas using antioxidants. 2,851,506, 9-9-58, Cl. 260-683.48.
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 Ayers, Richard A. Heating vessel. 2,837,081, 6-3-58, Cl. 126-261.
 Aylesworth, Robert D., to Emery Industries, Inc. Detergent for hard water. 2,861,955, 11-25-58, Cl. 252-117.
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 Brister, Paul M., and Singleton. 2,840,051.
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 Diehl, Erie K., Hage, and Matty. 2,863,354.
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 Durham, Edwin. 2,860,612.
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 Eberle, Fritz T. 2,824,795.
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 Eberle, Fritz T., and Corey. 2,822,265.
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 Ely, Frederic G., Rogers, and Romer. 2,819,150.
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 Gram, Arthur J., Jr. 2,845,906.
 Hardgrove, Ralph M. 2,820,614.
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 Heller, Lewis W. 2,851,018.
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- Babiarz, Raymond S.: *See*—
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- Babicky, Raymond C. Microphone pickup for pianos. 2,856,805, 10-21-58, Cl. 84—104.
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- Bacca, Charles R. Motor vehicle spare wheel locking assembly. 2,831,622, 4-22-58, Cl. 224—42.24.
- Bacca, Charles R. Spring tensioned radially compressible and longitudinally extensible sectional clamp sleeve. 2,862,229, 12-2-58, Cl. 16—140.
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- Baccus, Eddy L., and J. W. McRoskey, to Wen-Mac Corp. Toy engine starter with replaceable pull cord. 2,846,993, 8-12-58, Cl. 123—179.
- Bach, Edward M.: *See*—
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- Bach, Friedrich: *See*—
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- Bach, Frederick L., Jr., H. J. Brabander, and S. Kushner, to American Cyanamid Co. Substituted alkylenedipiperazines. 2,837,522, 6-3-58, Cl. 260—268.
- Bach, Hans W. Process for improving the aroma and stabilizing unground roasted coffee beans. 2,855,313, 10-7-58, Cl. 99—152.
- Bach, Harold E.: *See*—
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- Bach, Johann. Prosthesis joints. 2,853,712, 9-30-58, Cl. 3—27.
- Bach, John W.: *See*—
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- Bach, Jose C., to Sociedad Regular Colectiva J. y L. Cervello. Powder devices. 2,840,277, 6-24-58, Cl. 222—193.
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- Bacher, Gottlob: *See*—
 Mittag, Hermann, and Bacher. 2,835,916.
- Bacher, Hans E., and R. R. La Marre, to Aeroquip Corp. Fitting for reinforced hose with seal maintaining means. 2,833,567, 5-6-58, Cl. 235—95.
- Bachi, Robert W., to Controls Co. of America. Electric switch. 2,838,622, 6-10-58, Cl. 200—6.
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- Bachle, Carl F., to Continental Aviation & Engineering Corp. Vehicle engine and transmission. 2,854,085, 9-30-58, Cl. 180—66.

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- Bachill, Herman, and H. S. Shapiro, to Chicago Specialty Mfg. Co. Device for use in clamping and cutting tubing. 2,848,785, 8-26-58, Cl. 29-67.
- Bachill, Herman, and H. S. Shapiro, to Chicago Specialty Mfg. Co. Aerators. 2,849,217, 8-26-58, Cl. 261-76.
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- Bachman, Rudolph, to Sterling Precision Instrument Corp. Electromagnetic clutch. 2,859,845, 11-11-58, Cl. 192-18.
- Bachman, Rudolph E., to Sterling Precision Corp. Precision coupling device. 2,861,437, 11-25-58, Cl. 69-15.
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- Bachmann, Gunnar, deceased; G. Bachmann, administrator. Photographic fishing apparatus. 2,864,195, 12-16-58, Cl. 43-4.
- Bachmann, John F., to Bendix Aviation Corp. Phase detector. 2,856,522, 10-14-58, Cl. 250-27.
- Bachmann, Oskar. Device for fusing electrodes into tubes. 2,838,878, 6-17-58, Cl. 49-7.
- Bachmann Uxbridge Worsted Corp.: See—
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- Bachmann, Walter H. Dial indicator mechanism. 2,834,115, 5-13-58, Cl. 33-172.
- Bachtel, Howard J., to The Dow Chemical Co. Inhibited methyl chloroform. 2,838,458, 6-10-58, Cl. 252-171.
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- Back, Frank G. Varifocal viewfinders. 2,859,654, 11-11-58, Cl. 88-15.
- Back, James. Line marker. 2,835,219, 5-20-58, Cl. 116-63.
- Back, Raymond R., to Hivac Ltd. Cold cathode gaseous discharge tubes. 2,826,711, 3-11-58, Cl. 313-197.
- Back, Willard A.: See—
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- Backer, Joachim, and H. D. Koppel, to Aero Zipp Fasteners Ltd. Slider for a sliding clasp fastener. 2,839,807, 6-24-58, Cl. 24-205.15.
- Backer, Leon C. Cable type straight hole device. 2,864,585, 12-16-58, Cl. 255-28.
- Backhouse, Headley T.: See—
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- Backhouse, Headley T. Lock mechanism. 2,831,337, 4-22-58, Cl. 70-150.
- Backhouse, Headley T. Locks. 2,838,925, 6-17-58, Cl. 70-150.
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- Backklert, Bror, B. Lanne, and S. Wallin, to Aktiebolaget Svenska Flaktfabriken. Web-guiding apparatus. 2,864,176, 12-16-58, Cl. 34-122.
- Bäcklin, Folke, B. L. Forsen, and P. Å. Löwnertz, to Yardney International Corp. Multi-cell electric batteries. 2,840,624, 6-24-58, Cl. 136-30.
- Backman, Kenneth E. H., and G. R. Madland, to Motorola, Inc. Power supply. 2,830,200, 4-8-58, Cl. 307-150.
- Backofen, Elmer R., and J. H. Newhouse, to Clark Equipment Co. Latch adjustment for fork tines of industrial lift trucks. 2,847,138, 8-12-58, Cl. 214-730.
- Backstrom, Henry O. Air blower for a grain windrower. 2,820,335, 1-21-58, Cl. 56-192.
- Backström, Sven H.: See—
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- Backus, Charles H. Guide means for boat trailers. 2,827,304, 3-18-58, Cl. 280-143.
- Backus, Clyde H.: See—
Andres, Roy K., and Backus. 2,840,815.
- Backus, John G., to United States of America, Atomic Energy Commission. Ion producing mechanism. 2,848,620, 8-19-58, Cl. 250-41.9.
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- Bacon, Conrad G., to United States of America, Atomic Energy Commission. Isotope separators. 2,849,616, 8-26-58, Cl. 250-41.9.
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- Bader, William, to Wesson Multicut Co. Tool holder. 2,825,959, 3-11-58, Cl. 29-96.
- Bader, William and R. W. Berry, Jr., to Wesson Tool Co. Broach blade holder. 2,831,241, 4-22-58, Cl. 29-95.1.
- Badertscher, Dana K., and M. S. Bald, to American Motors Corp. Ventilating system for an internal combustion engine. 2,829,629, 4-8-58, Cl. 123-119.
- Badger, Algernon S., to Esso Research and Engineering Co. Low pressure blowout preventer. 2,841,422, 7-1-58, Cl. 286-16.5.
- Badger, Algernon S., to Jersey Production Research Co. Pipe sealing device. 2,856,004, 10-14-58, Cl. 166-136.
- Badger, Algernon S., and R. R. Crookston, to Esso Research and Engineering Co. Threaded pipe coupling with bushing. 2,825,584, 3-4-58, Cl. 285-95.
- Badger, Algernon S., and J. Beson, to Jersey Production Research Co. Thread sealing compound. 2,856,301, 10-14-58, Cl. 106-33.
- Badger, Everett H., Jr.: See—
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- Badger, Everett H., Jr., to Parker-Hannifin Corp. Apparatus for emptying tanks. 2,860,652, 11-18-58, Cl. 137-98.
- Badger, John P.: See—
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- Badger Meter Mfg. Co.: See—
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- Badgley, Cecil F. Hydraulic adjusting device. 2,828,170, 3-25-58, Cl. 309-26.
- Badgley, Gerald J. Light trap. 2,844,991, 7-29-58, Cl. 88-17.
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- Bahr, Gustave F., to The Bead Chain Mfg. Co. Fishing tackle connection. 2,849,776, 9-2-58, Cl. 24-236.
- Bahr, Gustave F., to The Bead Chain Mfg. Co. Apparatus for stretching bead chains. 2,856,752, 10-21-58, Cl. 59-2.
- Bahr, Gustave F., to The Bead Chain Mfg. Co. Insulating means and extension for ball-type chains. 2,857,454, 10-21-58, Cl. 174-138.
- Bähr, Johannes, deceased; E. E. Baehr, E. M. E. A. Kroh, nee Baehr, W. F. E. R. K. Baehr, E. J. Bernhard, nee Baehr, A. M. Veltan, nee Baehr, and E. L. Baehr, heirs. Apparatus for manufacture of sulphur. 2,835,559, 5-20-58, Cl. 23-288.
- Baier, John F.: *See*—
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- Baier, John F., to Arthur G. McKee & Co. Charge distributing means for rotatable drums. 2,822,076, 2-4-58, Cl. 198-42.
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- Bailer, Albert T. Safety for bolt action firearms. 2,819,551, 1-14-58, Cl. 42-70.
- Bailar, Charles O. Paper baler. 2,839,990, 6-24-58, Cl. 100-1.
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- Bailes, Richard H.: *See*—
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- Bailes, Richard H., and D. A. Ellis, to United States of America, Atomic Energy Commission. Catalytic promotion of the adsorption of vanadium on an anionic exchange resin. 2,849,279, 8-26-58, Cl. 23-145.
- Bailes, Richard H., and R. S. Long, to United States of America, Atomic Energy Commission. Solvent extraction process for the recovery of metals from phosphoric acid. 2,859,092, 11-4-58, Cl. 23-145.
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- Bailey, Alfred H., and J. C. Blaine, to Libbey-Owens-Ford Glass Co. Flow spout construction. 2,838,880, 6-17-58, Cl. 49-55.
- Bailey, Alonzo W. Waterstop for expansion joints. 2,865,267, 12-23-58, Cl. 94-18.
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- Bailey, Bradford E., to Esso Research and Engineering Co. Method and apparatus for heating hydrocarbon fluids. 2,848,383, 8-19-58, Cl. 196-110.
- Bailey, Bruce L., and L. H. Juel, to Great Lakes Carbon Corp. Joint for carbon electrodes. 2,862,748, 12-2-58, Cl. 287-127.
- Bailey, Charles S., to General Motors Corp. Automobile radiator thermostat. 2,837,284, 6-3-58, Cl. 236-34.
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- Bailey, Donald L., and R. M. Pike, to Union Carbide Corp. Copolymers of organic silicon compounds and N-vinyl pyrrolidone. 2,820,798, 1-21-58, Cl. 260-326.5.
- Bailey, Donald L., P. W. Shafer, and G. H. Wagner, to Union Carbide Corp. Disproportionation of chlorosilanes employing amine-type catalysts. 2,834,648, 5-13-58, Cl. 23-14.
- Bailey, Donald L., and F. M. O'Connor, to Union Carbide Corp. Siloxane-oxyalkylene block copolymers. 2,834,748, 5-13-58, Cl. 260-42.
- Bailey, Donald L., and W. T. Black, to Union Carbide Corp. (Cyclohexen-3-yl-1)-ethylsiloxane bis (dimethylsiloxane) cyclic trimer. 2,849,473, 8-26-58, Cl. 260-448.2.
- Bailey, Donald L., and R. M. Pike, to Union Carbide Corp. Polysiloxane compound. 2,851,472, 9-9-58, Cl. 260-448.2.
- Bailey, Donald L., and F. M. O'Connor, to Union Carbide Corp. Polysiloxane compound. 2,853,503, 9-23-58, Cl. 260-448.2.
- Bailey, Edward E., to Lamp Presscaps Ltd. Apparatus for delivering articles with a predetermined orientation. 2,863,552, 12-9-58, Cl. 198-33.
- Bailey, Edwin M., Jr., to United States of America, Navy. Boresighting error detector. 2,840,810, 6-24-58, Cl. 343-17.7.
- Bailey, Emmett C.: *See*—
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- Bailey, Ervin G., and R. M. Hardgrove, to The Babcock & Wilcox Co. Apparatus for the thermal conversion of liquid and gaseous hydrocarbons. 2,856,271, 10-14-58, Cl. 23-284.
- Bailey, Francis T., to Westinghouse Electric Corp. Electric motor control system. 2,825,016, 2-25-58, Cl. 318-6.
- Bailey, Fred D., to Cluett Peabody & Co., Inc. Button sewing apparatus. 2,826,159, 3-11-58, Cl. 112-115.
- Bailey, Fred H.: *See*—
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- Bailey, George A., and R. F. Hirschmann, to Merck & Co., Inc. 17a,21-oxides of 1,4-pregnadiene compounds. 2,865,915, 12-23-58, Cl. 260-239.55.
- Bailey, George H. Stilt for artisans. 2,832,079, 4-29-58, Cl. 3-4.
- Bailey, Glenn O. Lift boom for industrial trucks. 2,832,489, 4-29-58, Cl. 214-620.
- Bailey, Harold G., and P. Rekettye, to The Sun Rubber Co. Machine for rotational casting. 2,834,986, 5-20-58, Cl. 18-26.
- Bailey, Jack C., to Goodman Mfg. Co. Cusp breaker means for boring type mining machine. 2,829,876, 4-8-58, Cl. 262-7.
- Bailey, James S., to The Rauland Corp. Screening dispenser for cathode-ray tube manufacturing apparatus. 2,845,099, 7-29-58, Cl. 141-91.
- Bailey, John R., 1/2 to L. A. Shock. Bench saw lathe attachment. 2,818,896, 1-7-58, Cl. 144-205.
- Bailey, Joseph, to Eastman Kodak Co. Photographic filter and anti-halation layers. 2,843,486, 7-15-58, Cl. 96-84.
- Bailey, Joseph A., to Barber-Colman Co. Cam actuated switch. 2,862,083, 11-25-58, Cl. 200-166.
- Bailey, Joseph H. Engine valve operating cam. 2,858,818, 11-4-58, Cl. 123-90.
- Bailey, Keith A.: *See*—
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- Bailey-Kelleher Co.: *See*—
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- Bailey, Lewis. Device for grading papers. 2,841,890, 7-8-58, Cl. 35-48.
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- Bailey, Philip S., to Esso Research and Engineering Co. Ozonization of phenanthrenes and products obtained thereby. 2,851,465, 9-9-58, Cl. 260-340.3.
- Bailey, Ray: *See*—
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- Bailey, Richard J., to Cardox Corp. Electrically insulated pipe coupling with confined pressure-sealing means. 2,837,351, 6-3-58, Cl. 285-52.
- Bailey, Robert G., to Scovill Mfg. Co. Adapter for hose coupling attaching machine. 2,822,852, 2-11-58, Cl. 153-1.
- Bailey, Roy, and G. Liebmann, to Sunvic Controls Ltd. Analogue computing apparatus. 2,846,141, 8-5-58, Cl. 235-61.
- Bailey, Virgil J.: *See*—
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- Bailey, Vrans. Power mower grass catcher. 2,851,844, 9-16-58, Cl. 56-202.
- Bailey, Walter C. Furniture leg attachment construction. 2,845,316, 7-29-58, Cl. 311-77.
- Bailey, William F., to Hazeltine Research, Inc. Color-television projection system. 2,819,333, 1-7-58, Cl. 178-5.4.
- Bailey, William F., and R. P. Burr, to Hazeltine Research, Inc. Optical structure for color-image reproducing apparatus of the projection type. 2,845,480, 7-29-58, Cl. 178-5.4.
- Bailey, William J., to J. and E. Hall, Ltd. Lift control systems. 2,847,090, 8-12-58, Cl. 187-29.
- Bailey, William R.: *See*—
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- Bailey, William R., to Gar Wood Industries. Method of feeding webs of glass fiber. 2,830,926, 4-15-58, Cl. 154-128.
- Baillargeon, Laurier: *See*—
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- Baillie, Wallace E., to National Malleable and Steel Castings Co. Railway journal box. 2,828,167, 3-25-58, Cl. 308-55.
- Baillif, Ernest A., and A. D. Corn, to Whirlpool Corp. Ice cube ejector mechanism. 2,839,899, 6-24-58, Cl. 62-108.5.
- Baillif, Ernest A., and D. R. Cobb, to Whirlpool Corp. Ice cube ejector mechanisms. 2,849,869, 9-2-58, Cl. 62-365.
- Bailly, Florent H.: *See*—
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- Bain, Charles K. Rock drilling machine. 2,823,899, 2-18-58, Cl. 255-51.
- Bain, Joseph P., A. B. Booth, and E. A. Klein, to The Glidden Co. Preparation of terpene alcohols. 2,827,499, 3-18-58, Cl. 260-631.5.
- Bain, Joseph P., and W. Y. Gary, to The Glidden Co. Preparation of unsaturated 3-keto compounds of the *p*-methane series. 2,831,028, 4-15-58, Cl. 260-587.
- Bain, Joseph P., W. Y. Gary, and A. B. Booth, to The Glidden Co. Preparation of verbenyl ethers. 2,834,814, 5-13-58, Cl. 260-611.
- Bain, Joseph P., and R. L. Webb, to The Glidden Co. Preparation of methylenic compounds. 2,862,981, 12-2-58, Cl. 260-666.
- Bain, Joseph P., A. B. Booth, and E. A. Klein, to The Glidden Co. Producing and recovering terpene oxidation products. 2,863,882, 12-9-58, Cl. 260-348.5.
- Bain, Leslie C.: See—
Meyer, Gilbert, and Bain. 2,833,248.
- Bain, Lewis A., Jr., and R. A. Geshner, to Western Electric Co., Inc. Methods of making printed wiring circuits. 2,861,029, 11-18-58, Cl. 204-15.
- Bain, William R., F. W. Hoeltje, W. L. Johnson, III, and J. B. Wheatley, to General Motors Corp. Shaft seal. 2,857,182, 10-21-58, Cl. 286-11.14.
- Bainbridge, Marvin, to Maui Pineapple Co., Ltd. Can palletizing machine. 2,858,009, 10-28-58, Cl. 198-34.
- Baines, Charles H., to Harbo Mfg. Co. Temperature control system. 2,854,558, 9-30-58, Cl. 219-20.
- Baines, Leslie: See—
Barnish, Leonard S., Baines, Johnson, and Bottomley. 2,820,541.
- Bair, Clyde F. Disaster valve attachment. 2,853,089, 9-23-58, Cl. 137-39.
- Baird Associates-Atomic Instrument Co.: See—
Brouwer, Willem. 2,856,531.
- Baird Associates, Inc.: See—
Hutchinson, Paul C. 2,818,766.
Robinson, David Z., Di Mattia, McDaniel, and Collette. 2,855,522.
- Baird-Atomic, Inc.: See—
Chao, Stanley K. S., and Stoddard. 2,861,191.
Saunderson, Jason L., and Du Bois. 2,837,959.
Stoddard, Hugh F., and Williams. 2,855,520.
- Baird, Douglas O., to General Electric Co. Electric cooking appliances. 2,832,878, 4-29-58, Cl. 219-20.
- Baird, Douglas O., and L. R. Zumwalt, to United States of America, Atomic Energy Commission. Processes of recovering uranium from a calutron. 2,843,451, 7-15-58, Cl. 23-14.5.
- Baird, Douglas O., and R. G. Bielenberg, to General Telephone Laboratories, Inc. Automatic telephone systems involving toll recording facilities. 2,851,531, 9-9-58, Cl. 179-9.
- Baird, Ronald J.: See—
Lang, Louis, and Baird. 2,827,472.
- Baird, Ronald J., to The National Sugar Refining Co. Mixed poly-(cyclic acetals) and process. 2,857,374, 10-21-58, Cl. 260-209.
- Baisley, Raymond J.: See—
Keely, Clifford D. 2,829,701.
- Baisse, Jacques, and M. Delalande. New chemical compound and its method of preparation. 2,819,268, 1-7-58, Cl. 260-268.
- Bajada, Anthony. Lid closure for can containers. 2,842,295, 7-8-58, Cl. 222-485.
- Bajars, Laimonis: See—
Treybal, Robert E., Kapfer, and Bajars. 2,819,159.
- Bajema, Anne, to "N. V. Ahex." Teat cup units for use with mechanical milking machines. 2,853,971, 9-30-58, Cl. 119-14.52.
- Bakalar, David. Crystal diode. 2,832,016, 4-22-58, Cl. 317-236.
- Baker, Adolph A.: See—
Blow, Angus W., Baker, and Clark. 2,863,073.
- Baker, Albert A., and H. L. Rhoades, to Zurn Industries, Inc. Support for lavatories and the like. 2,819,473, 1-14-58, Cl. 4-170.
- Baker, Albert D., to General Motors Corp. Vehicular air conditioning system. 2,824,427, 2-25-58, Cl. 62-117.
- Baker, Alfred V., to The Dow Chemical Co. Film clarity measuring apparatus. 2,843,003, 7-15-58, Cl. 88-14.
- Baker, Allister L.: See—
Keuffel, Carl W., Hillman, and Baker. 2,843,013.
- Baker, Allister L., to Keuffel & Esser Co. Transit. 2,818,652, 1-7-58, Cl. 33-72.
- Baker, Allister L., and C. D. Hillman, to Keuffel & Esser Co. Telescope eyepiece. 2,862,417, 12-2-58, Cl. 83-33.
- Baker, Benjamin P.: See—
Leeds, Winthrop M., Baker, and Friedrich. 2,840,670.
- Baker, Bernard R.: See—
Kissman, Henry M., Joseph, and Baker. 2,833,810.
- Baker, Bernard R., J. P. Joseph, and R. E. Schaub, to American Cyanamid Co. 3-phthalimido pentosides and derivatives. 2,827,453, 3-18-58, Cl. 260-210.
- Baker, Bernard R., and R. E. Schaub, to American Cyanamid Co. Arabinofuranosyl purines. 2,830,984, 4-15-58, Cl. 260-211.5.
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- Baker, Bernard R., J. P. Joseph, and R. E. Schaub, to American Cyanamid Co. Aminodeoxyglycosidopurines. 2,852,505, 9-16-58, Cl. 260-211.5.
- Baker, Blake. Roll strip road map holder. 2,821,798, 2-4-58, Cl. 40-86.
- Baker Brothers, Inc.: See—
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- Baker, Cameron A., and R. T. McAndrew, to United States Testing Co., Inc. Coring devices. 2,821,086, 1-28-58, Cl. 73-425.2.
- Baker Castor Oil Co., The: See—
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Naughton, Frank C., and Daidone. 2,851,492.
- Baker, Charles A. Log handling apparatus. 2,857,941, 10-28-58, Cl. 143-99.
- Baker, Chester L., and J. F. Austin, to Philadelphia Quartz Co. Manufacture of finely-divided compounds of certain elements. 2,844,436, 7-22-58, Cl. 23-51.
- Baker, Cole D.: See—
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- Baker, Craig C., and L. H. Satre, to Sta-Hi Corp. Method and means for accurately positioning matrices for trimming or casting. 2,861,334, 11-25-58, Cl. 29-533.
- Baker, Cyril J. Drums and cables. 2,861,630, 11-25-58, Cl. 160-113.
- Baker, Daniel W., 2nd, to General Electric Co. Instrument sealing means. 2,832,502, 4-29-58, Cl. 220-46.
- Baker, David B. Package bagging device. 2,830,687, 4-15-58, Cl. 193-21.
- Baker, David S. Game apparatus with rotatable marble transporting discs. 2,839,303, 6-17-58, Cl. 273-134.
- Baker, David T.: See—
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- Baker, Donald J. Magnetic pickup. 2,829,210, 4-1-58, Cl. 179-100.41.
- Baker, Donn, H. T. Carter, and S. A. Kelnhofer, to Bell Telephone Laboratories, Inc. Multistation telephone intercommunicating and conference system. 2,852,612, 9-16-58, Cl. 179-18.
- Baker, Douglas A.: See—
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- Baker, Douglas H., and G. Barbieri, to Cell Ceiling Inc. Cellular diffusion panel. 2,860,237, 11-11-58, Cl. 240-78.
- Baker, Edward G.: See—
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- Baker, Floyd A., and B. C. McLeod, to Westinghouse Electric Corp. Voltage reference device. 2,828,463, 3-25-58, Cl. 323-61.
- Baker, Forrest G., to American Air Filter Co., Inc. Damper control for unit ventilator. 2,843,324, 7-15-58, Cl. 236-49.
- Baker, Forrest G., and A. F. Hubbard, to American Air Filter Co., Inc. Selective room heater and cooler. 2,828,110, 3-25-58, Cl. 257-3.
- Baker, Foy A. Children's riding device. 2,860,689, 11-18-58, Cl. 155-17.
- Baker, Frederick C. Ceiling recessed light assembly. 2,826,684, 3-11-58, Cl. 240-78.
- Baker, George O., and F. W. Truesdell, to General Electric Co. Electrical switch. 2,834,857, 5-13-58, Cl. 200-166.
- Baker, George T.: See—
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- Baker, George T., and V. E. Mann, to British Telecommunications Research Ltd. Magnetic drum type telephone metering system. 2,849,535, 8-26-58, Cl. 179-7.
- Baker, George W. Ion deflection thyatron. 2,821,648, 1-28-58, Cl. 313-196.
- Baker, George W., to United States Gypsum Co. Wall construction. 2,851,740, 9-16-58, Cl. 20-4.
- Baker, Gibbs L. Exhaust atomizing distributor. 2,835,533, 5-20-58, Cl. 299-86.
- Baker, Glenn W., to Stone Mfg. and Supply Co. Identification device for live stock. 2,821,034, 1-28-58, Cl. 40-3.
- Baker, Harold L., $\frac{1}{2}$ to O. D. Elliott, and $\frac{1}{2}$ to R. K. Treasure. Figure mold for frozen suckers. 2,819,690, 1-14-58, Cl. 107-19.
- Baker, Harold L., $\frac{1}{2}$ to O. D. Elliott. Combination bathtub and support for infants. 2,828,489, 4-1-58, Cl. 4-173.
- Baker, Harry I., to King-Seeley Corp. Electrical indicating system. 2,846,531, 8-5-58, Cl. 200-56.
- Baker, Henry W., to Pilkington Brothers Ltd. Apparatus for manufacturing toughened bent glass. 2,846,819, 8-12-58, Cl. 49-67.
- Baker, Herman: See—
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- Baker Industries, Inc.: See—
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- Baker, James G.: See—
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- Baker, James G., to the United States of America as represented by the Secretary of the Air Force. Wide angle photographic objective. 2,821,113, 1-28-58, Cl. 88-57.
- Baker, James M. Trundle hoop with bells attached. 2,861,389, 11-25-58, Cl. 46-114.

- Baker, John A.: *See*—
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- Baker, John B., to The Timken Roller Bearing Co. Bearing thrust cushioning means. 2,822,224, 2-4-58, Cl. 308—180.
- Baker, John C., to The Fairey Aviation Co. Ltd. Resistance meters. 2,821,681, 1-28-58, Cl. 324—62.
- Baker, John G. Hydrofoil system for boats. 2,856,878, 10-21-58, Cl. 114—66.5.
- Baker, John G. Hydrofoil system for boats. 2,856,879, 10-21-58, Cl. 114—66.5.
- Baker, John G. Boat with adjustable propeller shaft. 2,856,883, 10-21-58, Cl. 115—41.
- Baker, John J., and C. R. Weishuhn. Safety signaling device for motor vehicles. 2,854,650, 9-30-58, Cl. 340—106.
- Baker, John R.: *See*—
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- Baker, John R., to Baker Oil Tools, Inc. Casing scraper. 2,845,129, 7-29-58, Cl. 166—173.
- Baker, John R., and J. F. Muse, to Baker Oil Tools, Inc. Apparatus for automatically filling well bore conduit strings. 2,841,171, 7-1-58, Cl. 137—493.
- Baker, John S., to Cook Electric Co. Strand type terminal box. 2,859,390, 11-4-58, Cl. 317—69.
- Baker, Joseph W., to Monsanto Chemical Co. Method of destroying nematodes employing phosphorodithioates. 2,857,308, 10-21-58, Cl. 167—30.
- Baker, Joseph W., and G. A. Saul, to Monsanto Chemical Co. Propargyl phosphorothioates. 2,865,801, 12-23-58, Cl. 167—22.
- Baker, Leslie N.: *See*—
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- Baker, Loyal S.: *See*—
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- Baker, Max P., to General Motors Corp. Universal joint. 2,841,967, 7-8-58, Cl. 64—16.
- Baker, Max P., to General Motors Corp. Fluid seal. 2,847,837, 8-19-58, Cl. 64—32.
- Baker, Max P., to General Motors Corp. Resiliently bonded pivot joint unit. 2,852,287, 9-16-58, Cl. 287—85.
- Baker, Max P., to General Motors Corp. Oscillatory joint. 2,862,741, 12-2-58, Cl. 287—85.
- Baker, Merle S., and C. C. Franck, to Westinghouse Electric Corp. Steam turbine. 2,823,891, 2-18-58, Cl. 253—39.1.
- Baker Oil Tools, Inc.: *See*—
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- Clark, Earnest H., Jr. 2,829,719.
- Clark, Earnest H., Jr. 2,853,265.
- Clark, Earnest H., Jr., and Carter. 2,845,128.
- Comlossy, Harold, Jr. 2,829,190.
- Comstock, John C. 2,828,824.
- Conrad, Martin B. 2,822,050.
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- Kriegel, Bernard. 2,854,081.
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- Park, Robert O. 2,849,071.
- Baker, Paul E., to California Research Corp. Optical pulse height discriminator. 2,856,129, 10-14-58, Cl. 235—92.
- Baker Perkins Inc.: *See*—
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- Engels, Eugene O., and Daley. 2,835,374.
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- Holloway, William T. 2,852,125.
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- Baker Perkins Ltd.: *See*—
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- Warrington, James I. D. 2,845,880.
- Baker, Ralph C., to The Sheffield Corp. Pneumatic gauging device. 2,841,006, 7-1-58, Cl. 73—37.9.
- Baker, Ralph V., to Northrop Aircraft, Inc. Wire stripper. 2,826,871, 3-18-58, Cl. 51—71.
- Baker-Raulang Co., The: *See*—
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- Schenkelberger, Frank J. 2,822,101.
- Baker, Ray H., to General Motors Corp. Variable cam. 2,861,470, 11-25-58, Cl. 74—568.
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- Baker, Reuben C., to Baker Oil Tools, Inc. Well packer. 2,832,418, 4-29-58, Cl. 166—136.
- Baker, Reuben C., to Baker Oil Tools, Inc. Centering apparatus for well bore conduits. 2,832,421, 4-29-58, Cl. 166—213.
- Baker, Reuben C., to Baker Oil Tools, Inc. Resilient eccentric lock ring. 2,845,106, 7-29-58, Cl. 151—19.
- Baker, Reuben C., to Baker Oil Tools, Inc. Non-rotary threaded coupling. 2,849,245, 8-26-58, Cl. 285—141.
- Baker, Reuben C., to Baker Oil Tools, Inc. Well bore packer. 2,857,972, 10-28-58, Cl. 166—190.
- Baker, Reuben C. and J. R., to Baker Oil Tools, Inc. Stop devices for well conduits. 2,824,613, 2-25-58, Cl. 166—241.
- Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. Well packer and circulation joint. 2,841,224, 7-1-58, Cl. 166—134.
- Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. Subsurface well tools. 2,849,069, 8-26-58, Cl. 166—138.
- Baker, Richard E., and F. D. Covely, to United States of America, Navy. Signal display system. 2,855,589, 10-7-58, Cl. 343—7.7.
- Baker, Richard W., F. G. Ciapetta, and R. M. Dobres, to Socony Mobil Oil Co., Inc. Catalytic reforming with a high surface area catalyst. 2,849,378, 8-26-58, Cl. 196—50.
- Baker, Robert E.: *See*—
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- Baker, Robert E., to The Airetoll Mfg. Co. Tube expander with slip clutch controlled mandrel. 2,854,058, 9-30-58, Cl. 153—82.
- Baker, Robert M.: *See*—
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- Baker, Sander, and N. Stefano, said Stefano, to said Baker. Convertible bedstead. 2,854,677, 10-7-58, Cl. 5—331.
- Baker, Theodore C., to Allied Chemical & Dye Corp. Method of making glass fiber filled alkyd resins. 2,819,243, 1-7-58, Cl. 260—40.
- Baker, Willard C., to Jered Industries, Inc. Transmission. 2,821,864, 2-4-58, Cl. 74—378.
- Baker, William A., and F. R. Beaumont. Ash tray. 2,858,956, 11-4-58, Cl. 220—18.
- Baker, William E., to Standard-Thomson Corp. Control device. 2,821,605, 1-28-58, Cl. 200—140.
- Baker, William E., to Bendix Aviation Corp. Motion transmitting means. 2,842,969, 7-15-58, Cl. 74—18.
- Baker, William E., to Standard-Thomson Corp. Adjustable transducer. 2,847,033, 8-12-58, Cl. 137—788.
- Baker, William O., to Swimquip Inc. Filter. 2,854,142, 9-30-58, Cl. 210—332.
- Baker, William R., to United States of America, Atomic Energy Commission. Electrical protective device. 2,833,965, 5-6-58, Cl. 317—51.
- Bakke, Bjorn. Device for the "opening" of glass cuts. 2,853,907, 9-30-58, Cl. 81—5.1.
- Bakke, Hans A., to General Electric Co. Instrument bearing suspension. 2,823,353, 2-11-58, Cl. 324—155.
- Bakke, Hans A., and J. S. Gant, to General Electric Co. Low-cost electric instrument. 2,852,742, 9-16-58, Cl. 324—115.
- Bakke, Claif. Combined fan and canopy. 2,855,837, 10-14-58, Cl. 98—1.
- Bakker, Johannes. Injectors. 2,825,290, 3-4-58, Cl. 103—263.
- Bakker, Johannes. Pre-stressed pile with recoverable reinforcement. 2,827,770, 3-25-58, Cl. 61—56.
- Bakker, Johannes. Vibrating apparatus for concrete or like material. 2,862,393, 12-2-58, Cl. 74—61.
- Bakker, Lubertus: *See*—
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- Bakker, Pier, to General Telephone Laboratories, Inc. Carrier adapter circuit. 2,842,622, 7-8-58, Cl. 179—43.
- Bakker, Pier, to General Telephone Laboratories, Inc. Traffic supervisory control circuits. 2,866,006, 12-23-58, Cl. 179—27.
- Baklini, Edward: *See*—
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- Bakura, Joseph: *See*—
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- Balaban, Philip, to Office Products, Inc. Plastic label holder with attaching means. 2,846,795, 8-12-58, Cl. 40—10.
- Balaceanu, Jean C.: *See*—
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- De Radzitzky, Pierre, and Balaceanu. 2,859,247.
- Balance Engineering Co.: *See*—
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- Balas Collet Mfg. Co., The: *See*—
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- Balass, Valentin, to Tecno Trade Anstalt. Automatic adjustment and safety device for hydraulic brakes. 2,826,275, 3-11-58, Cl. 188—152.
- Balata, Victor, and Textile Belting Co.: *See*—
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- Balaz, Charles S.: *See*—
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- Balbi, Valentino L. Refuse truck. 2,856,086, 10-14-58, Cl. 214—82.
- Balcar, Frederick R., and W. Dennis, to Air Reduction Co., Inc. Ozone concentration and dilution. 2,864,757, 12-16-58, Cl. 204—176.
- Balcar, John A. Ladder levelling means. 2,835,427, 5-20-58, Cl. 228—63.
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- Bald, Milton S.: *See*—
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- Baldacci, Aldo, to J.-J. Wiehr. Device for positioning boards at a predetermined angle. 2,824,349, 2-25-58, Cl. 24—81.

- Baldauf, Reginald B. Adjustable hinge for doors, covers and the like. 2,854,687, 10-7-58, Cl. 16—130.
- Balde, Ulysse, to Mithra A-G. Method for automatically reading markings applied to carriers. 2,866,598, 12-30-58, Cl. 235—61.11.
- Baldelli, Gaetano. Metering device for liquids or solutions. 2,833,311, 5-6-58, Cl. 138—43.
- Baldi, Alfonso L.: *See—*
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- Baldi, Alfonso L., Jr.: *See—*
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- Baldine, Joseph J. Cushion pad for one-man armored tank. 2,823,393, 2-18-58, Cl. 5—344.
- Baldoni, Andrew A.: *See—*
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- Baldrige, James D. Electric plug. 2,866,170, 12-23-58, Cl. 339—99.
- Baldwin, George D., to Truck-Lite Co., Inc. Vehicle light. 2,853,595, 9-23-58, Cl. 240—8.2.
- Baldwin, Harry. Links for slat shades. 2,836,238, 5-27-58, Cl. 160—229.
- Baldwin, John D., Jr., and A. G. Johnson, to The Weatherhead Co. Relief valve. 2,854,021, 9-30-58, Cl. 137—329.4.
- Baldwin, John H., and K. C. Cummings, to Minneapolis-Honeywell Regulator Co. Servo apparatus. 2,847,660, 8-12-58, Cl. 340—187.
- Baldwin-Lima-Hamilton Corp.: *See—*
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- Baldwin, Maynard M., to Permchem Corp. Germicidally active soap containing reaction product of silver salt and ethylenethiourea. 2,864,768, 12-16-58, Cl. 252—107.
- Baldwin, Nathaniel. Electric steam producing devices. 2,827,541, 3-18-58, Cl. 219—40.
- Baldwin, Patrick T. Ignition actuated speed governing apparatus. 2,842,109, 7-8-58, Cl. 123—102.
- Baldwin, Philip S., to Fiat Società per Azioni. Master cylinder for hydraulic brake system. 2,831,324, 4-22-58, Cl. 60—54.6.
- Baldwin, Philip S., 1/2 to Fiat Società per Azioni. Auxiliary cylinder booster. 2,848,875, 8-26-58, Cl. 60—54.5.
- Baldwin, Philip S., 1/2 to Fiat Società per Azioni. Brake wear compensating device. 2,852,919, 9-23-58, Cl. 60—54.5.
- Baldwin Piano Co., The: *See—*
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- Baldwin, Ralph M. Conduit box cover and location indicator. 2,832,494, 4-29-58, Cl. 220—3.4.
- Baldwin, Richard E., to Powers-Samas Accounting Machines Ltd. Record controlled statistical machines. 2,837,280, 6-3-58, Cl. 235—61.11.
- Baldwin, Robert P., and R. H. Eckert. Stringer radar reflective tow target. 2,823,376, 2-11-58, Cl. 343—18.
- Baldwin, William G. Level unit. 2,841,881, 7-8-58, Cl. 33—207.
- Baldwin, Willis H., and C. E. Higgins, to United States of America, Atomic Energy Commission. Uranium extraction process. 2,864,668, 12-16-58, Cl. 23—14.5.
- Bale, Alton G., Jr., to McGraw-Edison Co. Voltage regulator. 2,830,256, 4-8-58, Cl. 323—66.
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- Bale, Alton G., Jr., to McGraw Electric Co. Reversible drive mechanism. 2,857,769, 10-28-58, Cl. 74—111.
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- Balent, Ralph: *See—*
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Abbott, William E., and Balent. 2,853,446.
- Bales, Caleb W., to Sanders Associates, Inc. High frequency transmission line coupling device. 2,860,308, 11-11-58, Cl. 333—10.
- Balestra, Osvaldo. Non-oxidising heating of metal articles or blanks. 2,832,700, 4-29-58, Cl. 117—94.
- Balfour, Andrew C., Jr. Work feeding attachment and stand for portable electric power drills. 2,835,147, 5-20-58, Cl. 77—7.
- Balfour, Henry, & Co. Ltd.: *See—*
Meader, Campling W. 2,840,001.
- Balfour, Lionel M. J. Seat-supporting structures for mounting on roofs of motor cars and the like. 2,853,119, 9-23-58, Cl. 155—5.
- Balfour, Thomas: *See—*
Davidson, Samuel H., and Balfour. 2,829,958.
- Balian, Edward S., to General Electric Co. Wave guides. 2,860,311, 11-11-58, Cl. 333—98.
- Balik, Gabriel H.: *See—*
Hanset, Eugene, and Balik. 2,865,096.
- Balint, John: *See—*
Flora, Laurence H., and Balint. 2,853,113.
- Balint, John, to Prestole Corp. Sheet metal fastener. 2,835,009, 5-20-58, Cl. 24—73.
- Baljak Corp.: *See—*
Burke, Thomas F. 2,837,014.
Lefied, Frank M. 2,840,224.
Pagendam, Edward J. 2,837,013.
Pierce, Chester J., Jr., and Burke. 2,832,270.
Stenger, Richard C. 2,837,261.
- Balk, Ann H.: *See—*
Herrick, Clifford B., Jr., and Balk. 2,854,338.
- Balkauskas, Casimer G. Collapsible cage. 2,845,895, 8-5-58, Cl. 119—17.
- Balke, Claire C., and W. S. Graff, to United States of America as represented by the Secretary of the Army. Process for making a pyrophoric element. 2,819,163, 1-7-58, Cl. 75—208.
- Balke, Roy L., to General Electric Co. Assembly of stacked laminations and process for making same. 2,838,703, 6-10-58, Cl. 310—217.
- Ball, Albert L. Clip-slide depressor. 2,862,324, 12-2-58, Cl. 42—50.
- Ball, Cecil G. Coin holder folder. 2,860,774, 11-18-58, Cl. 206—84.
- Ball, Charles F., to Joy Mfg. Co. Extensible flexible shaker conveyors. 2,831,568, 4-22-58, Cl. 198—220.
- Ball, Charles F., to Joy Mfg. Co. Chuck mechanism for oil well drilling apparatus. 2,845,250, 7-29-58, Cl. 255—23.
- Ball, Gaines L., to Batson-Cook Co. Slasher creel brake. 2,822,603, 2-11-58, Cl. 28—28.
- Ball, Gaines L., to Batson-Cook Co. Apparatus for sizing yarns. 2,866,254, 12-30-58, Cl. 28—28.
- Ball, Jack: *See—*
Graves, Edward B., and Ball. 2,838,681.
- Ball, Jack, to Picker X-Ray Corp., Waite Mfg. Div. Inc. X-ray apparatus and method. 2,829,272, 4-1-58, Cl. 250—95.
- Ball, Jack, and G. G. Wilkens, to Picker X-Ray Corp. Waite Mfg. Division, Inc. Photo timing circuit. 2,821,635, 1-28-58, Cl. 250—95.
- Ball, Jeremy T.: *See—*
Ball, Thomas M., and J. T. 2,857,780.
- Ball, Jeremy T., and C. W. Mervine, to Chrysler Corp. Transmission and controls therefor. 2,849,889, 9-2-58, Cl. 74—472.
- Ball, John C., Jr., to West Virginia Pulp and Paper Co. Inhibition of corrosion of iron in acids. 2,863,780, 12-9-58, Cl. 106—14.
- Ball, John D., and C. R. Wischmeyer, to Esso Research and Engineering Co. Generation and recording of displacement dependent modulated carriers. 2,841,778, 7-1-58, Cl. 340—18.
- Ball, John H. Toy whistle attachment. 2,851,270, 9-9-58, Cl. 272—27.
- Ball, Lloyd D.: *See—*
Coward, Brooks E., Ball, and Daspit. 2,848,713.
Knowlton, Orin H., Jr., and Ball. 2,845,532.
- Ball, Lloyd D., B. E. Coward, and G. B. Crane, to Gilfillan Bros. Inc. Variable range signal generating circuit with means for computing initial velocity. 2,832,537, 4-29-58, Cl. 235—61.5.
- Ball, Richard: *See—*
Elliott, William T., Ball, and Sturgeon. 2,831,352.
- Ball, Russell M., and R. R. Buntaine, to Nuclear-Chicago Corp. Apparatus for measuring the rate of occurrence of electrical pulses. 2,828,468, 3-25-58, Cl. 324—78.
- Ball, Thomas M., to Chrysler Corp. Multiple throttle valve construction for internal combustion engines or the like. 2,854,026, 9-30-58, Cl. 137—595.
- Ball, Thomas M., to Chrysler Corp. Motor vehicle power transmission. 2,865,221, 12-23-58, Cl. 74—472.
- Ball, Thomas M., and J. T., to Chrysler Corp. Transmission kickdown control mechanism. 2,857,780, 10-28-58, Cl. 74—472.
- Ball, William M., III: *See—*
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- Ballantine, P., & Sons: *See—*
Pagdin, William G. 2,822,933.
Pagdin, William G. 2,827,178.
Pagdin, William G., Macaulay, and Bulat. 2,841,433.
Podgorski, Walter F. 2,864,217.
- Ballantine, Thomas H., Jr.: *See—*
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- Ballantyne Co.: *See—*
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- Ballantyne, David H., D. O. Davies, and D. E. Bowns, to Rolls-Royce Ltd. Pump arrangements for gas-turbine engine fuel systems. 2,855,751, 10-14-58, Cl. 60—35.6.
- Ballard, Albert E., and H. R. Brigham, to United States of America, Atomic Energy Commission. Extraction apparatus. 2,858,196, 10-28-58, Cl. 23—267.
- Ballard, Charles. Hydraulic jack operating device. 2,851,958, 9-16-58, Cl. 103—213.
- Ballard, Claude M., and C. E. Neal. Liquid dispenser. 2,827,210, 3-18-58, Cl. 222—478.
- Ballard Co., The: See—
- Grinage, Claude M. 2,859,290.
- Ballard, Henry D., Jr.: See—
- Bosmajian, George, Jr., and Ballard. 2,858,348.
- Ballard, Herman E., to Elco Mfg. Co. Pressure cylinder. 2,826,467, 3-11-58, Cl. 309—2.
- Ballard, Hyde W., to American Viscose Corp. Guide for sausage stuffing machine. 2,856,742, 10-21-58, Cl. 53—177.
- Ballard, James W., and R. W. Hessinger, to The Commonwealth Engineering Co. of Ohio. Aircraft guidance system for trainers. 2,853,801, 9-30-58, Cl. 35—12.
- Ballard, James W., and H. Brier, to The Commonwealth Engineering Co. of Ohio. Variable surge chamber and/or accumulator. 2,854,028, 9-30-58, Cl. 138—30.
- Ballard, Louis M.: See—
- Prichard, Evan S., and Ballard. 2,858,143.
- Ballard, Raymond M.: See—
- Rolandelli, George J., and Ballard. 2,862,681.
- Ballard, Seaver A.: See—
- Evans, Theodore W., and Ballard. 2,831,837.
- Wheatstone, Richard R., and Ballard. 2,840,503.
- Ballard, Walter W., and L. R. Nelson. Methods for making hose couplings. 2,852,841, 9-23-58, Cl. 29—508.
- Ballard, Wiley P.: See—
- Dickens, Samuel P., Smith, and Ballard. 2,859,170.
- Kinsella, Arthur J., Jr., Dickens, Ballard, and Smith. 2,834,429.
- Ballauer, Alb C.: See—
- Parsons, John T., Goodland, and Ballauer. 2,865,500.
- Ballauer, Alb C., to Parsons Corp. Progressively collapsible mandrel. 2,830,552, 4-15-58, Cl. 113—111.
- Ballauf, Albert, F. Münz, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of derivatives of polyethylenes of high molecular weight. 2,825,723, 3-4-58, Cl. 260—94.9.
- Balbach, Hubert, and C. H. Meyer. Liquid wax dispenser and applicator. 2,824,324, 2-25-58, Cl. 15—131.
- Balleis, Peter. Spinning top. 2,841,920, 7-8-58, Cl. 46—49.
- Ballentine, George K. Garment hangers. 2,820,274, 1-21-58, Cl. 24—236.
- Ballentine, James B.: See—
- Easley, William K., Lawson, and Ballentine. 2,857,363.
- Ballentine, James B., K. R. Lea, and W. K. Easley, to The Chemstrand Corp. Catalytic production of polyethylene terephthalate. 2,850,483, 9-2-58, Cl. 260—75.
- Ballentine, Oliver M., to United States of America, Air Force. Low temperature low viscosity hydraulic oil. 2,838,457, 6-10-58, Cl. 252—78.
- Ballentine, William L., Jr., and A. L. Fenlason, to United States Steel Corp. Apparatus for welding vertical seams. 2,866,078, 12-23-58, Cl. 219—126.
- Baller, Maurice H.: See—
- Bole, Robert K., and Baller. 2,853,563.
- Meekins, Marvin H., Baller, and Johnstone. 2,831,399.
- Ballestra, Mario. Spray drying process and apparatus. 2,842,193, 7-8-58, Cl. 159—4.
- Ballington, Bernard T., to English Steel Corp. Ltd. Holders for welding electrodes. 2,829,240, 4-1-58, Cl. 219—136.
- Ballman, Robert J., to The Herschede Hall Clock Co. Coin-operated device. 2,837,195, 6-3-58, Cl. 194—72.
- Ballman, Robert J., and W. N. Woodruff, to The Herschede Hall Clock Co. Parking meter. 2,839,174, 6-17-58, Cl. 194—54.
- Ballmer, James E., to United Aircraft Products, Inc. Hydraulic cylinder-servo controller. 2,855,902, 10-14-58, Cl. 121—41.
- Ballmer, James E., and A. M. Rockwood, to The Battelle Development Corp. Automatic transmission control system. 2,829,533, 4-8-58, Cl. 74—472.
- Ballor, Wallace T., $\frac{1}{2}$ to W. H. F. Schmieding. Fruit and vegetable press. 2,818,797, 1-7-58, Cl. 100—98.
- Ballou, B. A., & Co. Inc.: See—
- Ballou, Frederick A., Jr. 2,852,825.
- Watson, John R. 2,822,608.
- Watson, John R. 2,838,722.
- Ballou, Frederick A., Jr., to B. A. Ballou & Co. Inc. Clip. 2,825,825, 9-23-58, Cl. 24—3.
- Ballou, Richard P., to Federal Pacific Electric Co. Push button stations. 2,843,686, 7-15-58, Cl. 200—50.
- Ballou, Sidney R.: See—
- Alholm, Wayne I., Ballou, Lynn, Shanklin, and Stokes. 2,846,335.
- Ballun, Aloysius T.: See—
- Karabins, Joseph V., and Ballun. 2,861,108.
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- Molotsky, Hyman M., and Ballweber. 2,829,147.
- Balmer, Donald F.: See—
- Runge, Frank E., Lyon, and Balmer. 2,860,191.
- Balocca, Alfred E.: See—
- Canniff, Thomas L., and Balocca. 2,836,508.
- Baloga, Paul E., to California Institute Research Foundation. Primary absolute pressure measuring device. 2,852,939, 9-23-58, Cl. 73—401.
- Balon, Walter J., to E. I. du Pont de Nemours and Co. Chemical process. 2,853,518, 9-23-58, Cl. 260—551.
- Balsam, Alfred D. Combined sun shade and article carrier. 2,819,776, 1-14-58, Cl. 190—42.
- Balsiger, Harold E.: See—
- Williams, Charles W., and Balsiger. 2,857,886.
- Balsiger, Harold E., to Landis Tool Co. One-piece ring bearings. 2,823,963, 2-18-58, Cl. 308—73.
- Balsiger, Harold E., to Landis Tool Co. Axial locating device. 2,848,849, 8-26-58, Cl. 51—105.
- Balsiger, Harold E., to Landis Tool Co. Crank loader. 2,864,209, 12-16-58, Cl. 51—215.
- Balsiger, Harold E., and C. E. Tolbert, to Landis Tool Co. Dresser for multiple grinding wheels. 2,838,040, 6-10-58, Cl. 125—11.
- Balsiger, Harold E., and W. E. Hoppel, to Landis Tool Co. Piston grinders. 2,838,884, 6-17-58, Cl. 51—101.
- Balsiger, Harold E., and R. E. Price, to Landis Tool Co. Method of plunge grinding. 2,864,211, 12-16-58, Cl. 51—289.
- Baltensperger, Paul, to Aktiengesellschaft Brown, Boveri & Cie. Gas blast circuit breaker. 2,821,607, 1-28-58, Cl. 200—148.
- Balter, Joseph, to Taco Heaters, Inc. Automatic vent valve. 2,823,693, 2-18-58, Cl. 137—197.
- Balthausen, Barbara R., $\frac{1}{2}$ to J. E. Dominik. Collapsible lamp with adjustable shade. 2,853,598, 9-23-58, Cl. 240—36.
- Balthis, Joseph H.: See—
- Kamack, Harry J., and Balthis. 2,863,719.
- Baltimore Luggage Co.: See—
- Levine, Abraham. 2,819,603.
- Balton, Charles A. Boiler. 2,859,736, 11-11-58, Cl. 122—118.
- Baltus, George A., to General Electric Co. Device for cutting spaced elements. 2,838,111, 6-10-58, Cl. 164—47.
- Baltz, William. Self feeding silo. 2,861,544, 11-25-58, Cl. 119—52.
- Balutau, Jean-Michel, to Societe d'Optique et de Mecanique de Haute. Orthoscopic wide angle objective. 2,845,845, 8-5-58, Cl. 88—57.
- Bambara, John P.: See—
- Modny, Michael T., and Bambara. 2,863,458.
- Bamberger, Alfred A., and H. A. Simpson, to Sure-Spray Atomizer Corp. Atomizer with thumb-actuated piston pump. 2,853,343, 9-23-58, Cl. 299—88.
- Bame, John L.: See—
- Yust, Venard E., and Bame. 2,819,156.
- Yust, Venard E., and Bame. 2,828,195.
- Yust, Venard E., and Bame. 2,841,480.
- Yust, Venard E., and Bame. 2,843,465.
- Bampton, Robert F.: See—
- Mitchell, Reid L., Bampton, and Wadman. 2,847,411.
- Bancel, Paul A., to Ingersoll-Rand Co. Internal-combustion engine. 2,861,556, 11-25-58, Cl. 123—59.
- Bancroft Brillotex International S. A.: See—
- Boer, Arpad. 2,838,804.
- Boer, Arpad. 2,858,573.
- Boer, Arpad. 2,858,574.
- Bancroft Cap Co.: See—
- Goldman, Edward. 2,857,601.
- Weinstein, Bernard. 2,844,824.
- Bancroft, Charles. Fluid displacement machine. 2,844,040, 7-22-58, Cl. 74—52.
- Bancroft, Charles. Rotary piston engine. 2,852,007, 9-16-58, Cl. 123—11.
- Bancroft, Howard S. Fluid pressure controlling valve. 2,837,115, 6-3-58, Cl. 137—620.
- Bancroft, Joseph C. Window construction. 2,830,684, 4-15-58, Cl. 189—78.
- Bancroft, Joseph C. Window construction. 2,852,113, 9-16-58, Cl. 189—76.
- Bancroft, Joseph, & Sons Co.: See—
- Babiarz, Raymond S., and Hillary. 2,838,416.
- Guenther, Hermann, and Squier. 2,851,206.
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- Russo, Carl J., and Sinski. 2,854,729.
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- Rainard, Leo W., and Shattuck. 2,854,728.
- Bandfabrik Breitenbach A. G.: See—
- Hagenbuch, Ernst. 2,826,225.
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- Lodholm, Valdemar. 2,837,949.
- Bandli, John C., and L. W. Foster, to McCulloch Corp. Intake manifold for internal combustion engines. 2,864,349, 12-16-58, Cl. 123—52.
- Bandy, Edgar M. Holder for pouring containers. 2,843,302, 7-15-58, Cl. 224—45.
- Bandy, Kenneth L., to The McKay Machine Co. Strip cleaning and processing machine. 2,824,321, 2-25-58, Cl. 15—77.
- Bandy, Kenneth L., to The McKay Machine Co. Coil supporting head for metal strip uncoilers. 2,848,177, 8-19-58, Cl. 242—78.6.
- Bandy, Owen L.: See—
- Schneller, Rudy F., and Bandy. 2,864,378.
- Banek, Albert A. Grader blade lifting link. 2,851,904, 9-16-58, Cl. 74—583.

- Banek, Albert A. Grader blade support. 2,852,958, 9-23-58, Cl. 74-582.
- Banerian, Gordon, to Aerojet-General Corp. Turbo-pump. 2,836,123, 5-27-58, Cl. 103-87.
- Banes, Fred W.: *See*—
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- Banes, Fred W., and W. P. Fitzgerald, to Esso Research and Engineering Co. Lubricating oil compositions. 2,838,456, 6-10-58, Cl. 252-50.
- Banes, Fred W., J. F. Nelson, and R. F. Leary, to Esso Research and Engineering Co. Preparation of olefinic-aromatic feeds for solvent extraction. 2,849,512, 8-26-58, Cl. 260-674.
- Banes, Fred W., A. H. Gleason, and J. F. Nelson, to Esso Research and Engineering Co. Process for preparing a thermosetting resin from a sodium polymerized butadiene polymer. 2,862,905, 12-2-58, Cl. 260-455.
- Banford, William H., and M. M. Manes, to E. I. du Pont de Nemours and Co. Production of tetrahydrofuran. 2,846,449, 8-5-58, Cl. 260-346.1.
- Bang, Mogens W., to Allen B. Du Mont Laboratories, Inc. Cathode ray tube positioning device. 2,819,458, 1-7-58, Cl. 340-368.
- Bangs, Ralph C., to Coro, Inc. Ear wire. 2,842,825, 7-15-58, Cl. 24-252.
- Bangs, Ralph C., and E. S. Donle, to Coro, Inc. Combination brooch and earring with cover means for the brooch pin. 2,863,306, 12-9-58, Cl. 63-1.
- Banigan, Thomas F., to E. I. du Pont de Nemours and Co. Process of sizing films with polyvinyl-acetate and starch composition. 2,824,023, 2-18-58, Cl. 117-65.
- Banigan, Thomas F., Jr., to Tidewater Oil Co. Bis[2-(1-methoxyisopropoxyisopropoxy) ethyl] ether. 2,853,530, 9-23-58, Cl. 260-615.
- Bank, Oscar W., and D. R. E. Stromback, to Burroughs Corp. Remote function control system. 2,836,355, 5-27-58, Cl. 235-60.47.
- Bank, Albert M. Upholstery edgings. 2,855,027, 10-7-58, Cl. 155-184.
- Bank, Albert M., and A. J. Katz, to Super Sagless Spring Co. Pull out beds. 2,829,382, 4-8-58, Cl. 5-13.
- Bank, Albert M., and A. J. Katz, to Super Sagless Spring Co. Reclining furniture. 2,838,093, 6-10-58, Cl. 155-106.
- Bank, Albert M., and A. J. Katz, to Super Sagless Spring Co. Pull-out beds. 2,844,827, 7-29-58, Cl. 5-13.
- Bank, Albert M., and A. J. Katz, to Super Sagless Spring Corp. Spring units for upholstery foundations. 2,848,038, 8-19-58, Cl. 155-179.
- Bank, Albert M., and A. J. Katz, to Super Sagless Spring Co. Reclining chairs. 2,853,120, 9-23-58, Cl. 155-106.
- Bank Building & Equipment Corp. of America: *See*—
Sarmiento, Wenceslao. 2,823,970.
- Bank of America National Trust and Savings Assn., The: *See*—
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- Bank, Morton L. Bell crank actuated pivoted sweep arm bender. 2,863,490, 12-9-58, Cl. 153-45.
- Bank, Thor G., to Allis-Chalmers Mfg. Co. Cover interlock assembly. 2,849,556, 8-26-58, Cl. 200-50.
- Bank, Thor G., to Allis-Chalmers Mfg. Co. Shading coil and guide bearing. 2,858,486, 10-28-58, Cl. 317-180.
- Bankauf, William F., to Hewitt-Robins Inc. Passenger conveyor. 2,850,149, 9-2-58, Cl. 198-181.
- Banker, John J., to The Babcock & Wilcox Co. Vapor generating and superheating unit. 2,834,325, 5-13-58, Cl. 122-478.
- Banker, John J., to The Babcock & Wilcox Co. Cantilever superheater tube support. 2,834,327, 5-13-58, Cl. 122-510.
- Banker, John J., to The Babcock & Wilcox Co. Tube supporting provisions for a vapor generating unit. 2,859,737, 11-11-58, Cl. 122-510.
- Banker, Oscar H.: *See*—
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- Banker, Oscar H., to New Products Corp. System for emptying a plurality of tanks and shuttle valve therefor. 2,821,972, 2-4-58, Cl. 123-127.
- Banker, Oscar H., to New Products Corp. Hydraulic clutch construction. 2,823,777, 2-18-58, Cl. 192-85.
- Banker, Oscar H., to New Products Corp. Gear pump with externally adjustable shroud. 2,824,524, 2-25-58, Cl. 103-126.
- Banker, Oscar H., to New Products Corp. Double pedal arrangement for automotive vehicle brakes. 2,842,239, 7-8-58, Cl. 192-3.
- Banker, Oscar H., to New Products Corp. Closed center valve with ball check valves. 2,851,012, 9-9-58, Cl. 121-46.5.
- Banker, Oscar H., to New Products Corp. Power piston with control valve. 2,858,804, 11-4-58, Cl. 121-45.
- Banker, Oscar H., to New Products Corp. Flow divider valve with relief valve and variable orifice. 2,859,762, 11-11-58, Cl. 137-101.
- Banker, Oscar H., to New Products Corp. Power steering valve. 2,860,605, 11-18-58, Cl. 121-46.5.
- Bankers Box Co.: *See*—
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- Bankert, Ralph A., and W. S. Ropp, to Hercules Powder Co. Vulcanizable rubber composition and process. 2,822,353, 2-4-58, Cl. 260-82.1.
- Banks, Frank O. Device for separating crude oil from water. 2,838,178, 6-10-58, Cl. 210-170.
- Banko, George. Punch and die. Re. 24,439, 3-4-58, Cl. 164-118.
- Banko, George. Auxiliary compound angle grinder for surface grinding machines. 2,821,815, 2-4-58, Cl. 51-34.
- Banks, George B., to English Electric Valve Co. Ltd. Signal storage discharge tubes. 2,862,140, 11-25-58, Cl. 315-12.
- Banks, Joseph T. Rotating roll box for cotton gins. 2,838,803, 6-17-58, Cl. 19-55.
- Banks, Reginald M., and R. C. Bell, to American Cyanamid Co. Plating surgical needles. 2,865,375, 12-23-58, Cl. 128-339.
- Banks, Robert L.: *See*—
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- Banks, Robert L., to Phillips Petroleum Co. Start-up of a polymerization process. 2,860,127, 11-11-58, Cl. 260-94.9.
- Banks, Sydney E., to Morgan Fairest Ltd. Labelling machines. 2,862,638, 12-2-58, Cl. 216-54.
- Banks, Theodore K.: *See*—
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- Banks, Waldo H., and H. N. Thibault, to Draper Corp. Automatic bobbin replenishing loom. 2,845,957, 8-5-58, Cl. 615-247.
- Banks, William B., and J. A. Connors, to Shell Development Co. Metering separator. 2,831,350, 4-22-58, Cl. 73-200.
- Banks, William L., Jr. Cargo hoisting apparatus. 2,830,710, 4-15-58, Cl. 212-3.
- Bankston, James M. Tunnel forming apparatus. 2,823,898, 2-18-58, Cl. 255-20.
- Banner, Robert G., to Diamond Alkali Co. Method of reacting alkali metal chromates with hydrogen. 2,854,313, 9-30-58, Cl. 23-56.
- Banning, Thomas A., Jr.: *See*—
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- Banning, Thomas A., Jr. Measuring and recording various well drilling operations. 2,856,692, 10-21-58, Cl. 33-134.
- Bannister, Harold V., to Schield Bantam Co. Crawler tumbler and track shoe. 2,854,294, 9-30-58, Cl. 305-10.
- Bannister, Leonard C., W. J. B. Chater, and J. A. Charles, to The British Oxygen Co. Ltd. Process for reducing the metalloid content of iron. 2,819,160, 1-7-58, Cl. 75-52.
- Bannon, Thomas C.: *See*—
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Spencer, Lloyd. 2,833,215.
- Bannow, Rudolph F., to Bridgeport Machines, Inc. Slide locking mechanism. 2,831,237, 4-22-58, Cl. 29-1.
- Banta, Howard W., and H. R. Grant, to Aerojet-General Corp. Method of making metal joint. 2,852,843, 9-23-58, Cl. 29-517.
- Banta, Larry W. Safety belt system for vehicles. 2,823,046, 2-11-58, Cl. 280-150.
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- Bany, Herman: *See*—
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- Baptist, James N.: *See*—
Canterino, Peter J., and Baptist. 2,831,839.
- Bar, Solo. Differential metering mechanism with preselection. 2,849,553, 8-26-58, Cl. 200-47.
- Barabas, John J., and S. C. Willis, to Castro Convertible Corp. Sofa bed. 2,851,698, 9-16-58, Cl. 5-13.
- Baracate, Stephen. Infants' nursing device. 2,827,191, 3-18-58, Cl. 215-11.
- Barach, Irving L. Collapsible containers. 2,863,457, 12-9-58, Cl. 128-295.
- Barackett, Albert J., to International Telephone and Telegraph Corp. Montage amplifier. 2,825,755, 3-4-58, Cl. 178-7.1.
- Barackett, Albert J., and S. A. De Mars, to International Telephone and Telegraph Corp. Light energy to video signal transducing system. 2,829,199, 4-1-58, Cl. 178-7.7.
- Baral, Leon L.: *See*—
Veltman, Preston L., Baral, and Richardson. 2,844,523.
- Baranauckas, Charles F., and W. E. Ashton, to Hooker Electrochemical Co. 1,1,1,2,3-pentachloro-4,4,4-trifluorobutene-2. 2,830,098, 4-8-58, Cl. 260-653.
- Baranauckas, Charles F., and W. E. Ashton, to Hooker Chemical Corp. Preparation of 2,2,3-trichloroheptafluorobutane. 2,862,036, 11-25-58, Cl. 262-653.7.
- Baranauckas, Charles F., and W. E. Ashton, to Hooker Chemical Corp. α,β -dichloro- β,β -trifluorocrotonic acid and derivatives thereof. 2,863,906, 12-9-58, Cl. 260-465.7.
- Baranowski, Frank, Jr.: *See*—
Freeman, John D., and Baranowski. 2,829,663.
- Barany, Robert. Double curvature brake shoe. 2,818,944, 1-7-58, Cl. 188-250.
- Baratossy, Jeno: *See*—
Svingor, Jeno, and Baratossy. 2,854,957.
- Barbara, Jack L. Filter unit for pipes. 2,843,133, 7-15-58, Cl. 131-207.
- Barbareschi, Carlo. Evaporators-condensers. 2,822,039, 2-4-58, Cl. 159-11.
- Barbeau, Raymond A., to International Business Machines Corp. Automatic error deletion for paper tape. 2,846,007, 8-5-58, Cl. 164-113.

- Barbeau, Raymond A., to International Business Machines Corp. Typewriter controlled tape punch. 2,852,076, 9-16-58, Cl. 164—113.
- Barbeau, Raymond A., and P. M. Young, to International Business Machines Corp. Memory line device. 2,846,009, 8-5-58, Cl. 164—115.
- Barbeau, Raymond J. M. Spring roller-type exerciser. 2,821,394, 1-28-58, Cl. 272—83.
- Barber, Alfred W., to J. T. Potter. Pulse packing system for magnetic recording of binary coded information. 2,853,357, 9-23-58, Cl. 346—74.
- Barber, Clyde. Heater for tool handles. 2,833,271, 5-6-58, Cl. 126—208.
- Barber-Colman Co.: *See*—
- Bailey, Joseph A. 2,862,083.
 - Carlson, Carl H. 2,846,773.
 - Carlson, Milton R. 2,860,298.
 - Drake, Russell P. 2,843,915.
 - Hallden, Howard C. 2,854,113.
 - Kennedy, Walter W. 2,821,898.
 - Kennedy, Walter W. 2,822,741.
 - Mahan, William F. 2,864,153.
 - Schaeve, Donald K. 2,859,402.
 - Sidell, Philip A. 2,848,676.
 - Stibitz, George R. 2,842,977.
 - Sweger, Russell P. 2,828,373.
 - Welker, Oscar L. 2,851,613.
- Barber, Everett M., to The Texas Co. Inertia supercharging of internal combustion engine operating at high speed and with high rate of air swirl. 2,832,324, 4-29-58, Cl. 123—32.
- Barber, Everett M., and C. W. Davis, to The Texas Co. Internal combustion engine. 2,864,347, 12-16-58, Cl. 123—32.
- Barber-Greene Co.: *See*—
- Barber, Harry A., and Garbe. 2,846,786.
 - Evans, Charles E. 2,859,544.
 - Evans, Charles E. 2,859,601.
 - McDonald, Dan. 2,860,070.
- Barber, Harry A., and E. M. Garbe, to Barber-Greene Co. Mobile ditching machine. 2,846,786, 8-12-58, Cl. 37—86.
- Barber, Harry J.: *See*—
- Slack, Ronald, Pain, and Barber. 2,827,457.
- Barber, Harry J., R. F. Collins, and M. Davis, to May & Baker Ltd. Amines. 2,830,008, 4-8-58, Cl. 167—65.
- Barber, Harry J., R. F. Collins, and M. Davis, to May & Baker Ltd. Certain N-(aminophenoxy pentyl)sulfonamide or saccharine compounds and higher homologues. 2,855,401, 10-7-58, Cl. 260—301.
- Barber Machinery Ltd.: *See*—
- Brennan, Edward H. 2,852,150.
- Barber, Robert L., to Cameron Iron Works, Inc. Flexible seal-supporting flange for wellhead couplings. 2,856,206, 10-14-58, Cl. 285—144.
- Barberis, Fortunato F., to General Motors Corp. Injector igniter plug. 2,831,322, 4-22-58, Cl. 60—39.82.
- Barberis, Fortunato F., to General Motors Corp. Injector igniter plug. 2,835,110, 5-20-58, Cl. 60—39.82.
- Barbier, Marcel, to Compagnie Generale de Telegraphie Sans Fil. Photo-conductive electron discharge tube. 2,863,087, 12-2-58, Cl. 315—11.
- Barbier, Marcel, to Compagnie Generale de Telegraphie Sans Fil. Electron signal storage tubes. 2,863,088, 12-2-58, Cl. 315—12.
- Barbier, Marcel, to Compagnie Generale de Telegraphie Sans Fil. Electron memory tube. 2,863,089, 12-2-58, Cl. 315—12.
- Barbieri, Guido: *See*—
- Baker, Douglas H., and Barbieri. 2,860,237.
- Barbin, Clovis R. Novelty chest and reference cards. 2,828,564, 4-1-58, Cl. 40—122.
- Barbknecht, Fred W., and C. E. Patton, to International Harvester Co. Cotton picking spindle assembly. 2,856,744, 10-21-58, Cl. 56—50.
- Barbour, James W. Forms for making a concrete step support. 2,833,020, 5-6-58, Cl. 25—118.
- Barbour, Robert J. and W. E. Fastener. 2,827,322, 3-18-58, Cl. 292—104.
- Barbour, Warren E.: *See*—
- Barbour, Robert J. and W. E. 2,827,322.
- Barbulesco, Daniel J., to General Motors Corp. Refrigerating evaporative apparatus. 2,856,759, 10-21-58, Cl. 62—211.
- Barclay, Harry A.: *See*—
- Slusser, Marion L., McLean, and Barclay. 2,821,680.
- Barclay, Harry A., to Socony Mobil Oil Co., Inc. Case for well logging tools. 2,857,451, 10-21-58, Cl. 174—52.
- Barclay, Paul: *See*—
- Shaw, Bernard, Salo, and Barclay. 2,862,335.
- Barcus, Edward L., to General Motors Corp. Direction signal switch mechanism. 2,848,573, 8-19-58, Cl. 200—61.34.
- Bard, Elmer H., to Geerpes Wringer Inc. Cart with adjustable handle. 2,840,384, 6-24-58, Cl. 280—47.37.
- Bard, Francis N.: *See*—
- Brietenstein, Victor W. 2,864,630.
 - Moore, Frank M. 2,836,439.
- Barden Corp., The: *See*—
- Mims, Bruce L. 2,821,023.
- Barden, Raymond E. Silos. 2,827,669, 3-25-58, Cl. 20—1.4.
- Barden, Wayne A.: *See*—
- Arisman, Mervin B., Fieldbinder, and Barden. 2,866,055.
- Barden, Wayne A., and D. A. Pierce, to Chicago Telephone Supply Corp. Electric switch. 2,836,667, 5-27-58, Cl. 200—16.
- Barden, Wayne A., and S. W. Galloway, to Chicago Telephone Supply Corp. Push-pull switch and variable resistor combination. 2,836,686, 5-27-58, Cl. 200—153.
- Barden, Wayne A., and D. A. Pierce, to Chicago Telephone Supply Corp. Combination snap action push-pull switch and variable resistor. 2,844,676, 7-22-58, Cl. 200—67.
- Bardet, George V., to M. J. B. Co. Conveyor for drying and cooling apparatus. 2,865,109, 12-23-58, Cl. 34—66.
- Barditch, Irving F., to Aircraft Armaments, Inc. Signal generators. 2,831,108, 4-15-58, Cl. 250—27.
- Bardonnet, Claude, and R. Commarmot, to Societe des Usines Chimiques Rhone-Poulenc. Apparatus and method for measuring density. 2,860,516, 11-18-58, Cl. 73—439.
- Bardsley, Norman, and O. H. Nichols, to Sutcliffe, Speakman & Co. Ltd. Mechanical stacker. 2,828,871, 4-1-58, Cl. 214—6.
- Bare, Conrad B.: *See*—
- Hixson, Arthur N., and Bare. 2,829,963.
- Barecki, Chester J., and O. J. Nelson, to American Seating Co. Adjustable headrest. 2,828,810, 4-1-58, Cl. 155—177.
- Barecki, Chester J., and B. W. Henrikson, to American Seating Co. Vehicle chair. 2,845,111, 7-29-58, Cl. 155—53.
- Barefoot, Carlton K., to National Industries, Inc. Tire retreading apparatus. 2,855,629, 10-14-58, Cl. 18—18.
- Barefoot, Samuel H., and N. B. Wingard. Material spreader. 2,819,827, 1-14-58, Cl. 222—286.
- Barel, Cornelis, to Rudolf Blik. Electrische Apparaten en Metaalwarenfabriek N. V. Methods of manufacture of electric motors, and in motors made thereby. 2,822,487, 2-4-58, Cl. 310—258.
- Barényi, Béla: *See*—
- Wilfert, Karl, and Barényi. 2,819,925.
- Barényi, Béla, to Daimler-Benz Aktiengesellschaft. Seating arrangement for automobiles. 2,231,724, 4-22-58, Cl. 296—64.
- Barényi, Béla, to Daimler-Benz Aktiengesellschaft. Wheel suspension in motor vehicles by means of leaf springs. 2,819,768, 1-14-58, Cl. 180—55.
- Barényi, Béla. Frame for motor vehicles. 2,837,347, 6-3-58, Cl. 280—106.
- Barényi, Béla. Partition walls defining the passenger compartment of motor vehicles. 2,860,912, 11-18-58, Cl. 296—28.
- Barényi, Béla, and W. K. H. F. Grämkow, to Daimler-Benz Akt. Combined seating and steering arrangement for vehicles. 2,839,312, 6-17-58, Cl. 280—87.
- Barfield, Morris L.: *See*—
- High, Roy F., and Barfield. 2,859,483.
- Barfuss, Frank: *See*—
- Stoll, Arthur, Angliker, Barfuss, and Kussmaul. 2,860,086.
- Bargellini, Pier L., to Radio Corp. of America. Semiconductor angle modulator circuit. 2,822,523, 2-4-58, Cl. 332—16.
- Bargen, David W., to Collins Radio Co. Multiple synchro heading selector system. 2,852,724, 9-16-58, Cl. 318—19.
- Bargen, William J. Stabilizing guides for tables. 2,831,290, 4-22-58, Cl. 45—137.
- Bargen, William J. Combination cantilever desk top and book box support. 2,831,744, 4-22-58, Cl. 312—255.
- Barger, John A. Animal ear tag. 2,818,665, 1-7-58, Cl. 40—3.
- Barger, John F. Remotely controlled switch for reversing direct current motors. 2,830,148, 4-8-58, Cl. 200—87.
- Bargmann, Harold H., to Sperry-Rand Corp. Ford Instrument Co. Division. Mechanical secant multiplier. 2,858,980, 11-4-58, Cl. 235—61.
- Barhorst, Arthur G. Dog leash. 2,821,169, 1-28-58, Cl. 119—114.
- Barieau, Robert E., to California Research Corp. Method of determining characteristics of hydrogen-containing substances. 2,833,929, 5-6-58, Cl. 250—43.5.
- Barina, Edward J. Terminal board for junction or outlet box. 2,863,935, 12-9-58, Cl. 174—59.
- Baring, John A., to Minneapolis-Honeywell Regulator Co. Force rebalancing servosystem. 2,862,162, 11-25-58, Cl. 318—21.
- Barish, Thomas: *See*—
- Champion, Wendell G., and Barish. 2,843,691.
 - Lear, William P., and Barish. 2,865,205.
- Barish, Thomas, J. D. Moeller, R. C. Treseder, and C. B. Wright, to General Motors Corp. Propeller mechanism. 2,855,055, 10-7-58, Cl. 170—135.57.
- Barium and Chemicals, Inc.: *See*—
- Bundy, Willard S. 2,854,314.
- Bark, Andrew, to Raytheon Mfg. Co. Intelligence transmission. 2,865,018, 12-16-58, Cl. 340—167.
- Barkas, Walter H., and A. B. C. Anderson. Remote impedance indicators. 2,864,056, 12-9-58, Cl. 324—57.
- Barkdoll, Howard W. Automatic mail box signal. 2,838,230, 6-10-58, Cl. 232—35.
- Barkeley, Harry D. Exhaust gas muffler and oxidizer. 2,829,730, 4-8-58, Cl. 183—6.
- Barkeley, James T., to Barkeley Mfg. Co. Exhaust gas muffler and oxidizer. 2,831,548, 4-22-58, Cl. 181—43.

- Barkeley Mfg. Co.: *See*—
 Barkeley, James T. 2,831,548.
 Clayton, William. 2,829,731.
- Barker, Charles, and H. G. Gentry, to Mead-Atlanta Paper Co. Method and means for initially flexing foldable paper-board carton handle portions and the like. 2,850,953, 9-9-58, Cl. 93-36.
- Barker, Clifford L., to Walker, Croweller & Co., Ltd. Fluid mixing devices. 2,827,238, 3-18-58, Cl. 236-12.
- Barker, Dickinson B.: *See*—
 Martin, Thomas B. 2,827,270.
- Barker, Edward D., to Aviators Clothing Co., Inc. Inflatable tent. 2,819,724, 1-14-58, Cl. 135-1.
- Barker Equipment Co.: *See*—
 Bruce, Robert A. 2,856,093.
 Bruce, Robert A. 2,860,808.
- Barker, George E., to Atlas Powder Co. Pressure transmitting fluids. 2,841,560, 7-1-58, Cl. 252-78.
- Barker, Guy, Jr. Table extendable in height and size. 2,836,282, 8-5-58, Cl. 311-39.
- Barker, Jack H. and J. B. Vending machines. 2,854,305, 9-30-58, Cl. 312-97.1.
- Barker, James: *See*—
 Arve, Harold R., and Barker. 2,823,495.
- Barker, Joe B.: *See*—
 Barker, Jack H. and J. B. 2,854,305.
- Barker, John J., 1/2 to I. C. Kleinschmidt. Portable scraper. 2,853,820, 9-30-58, Cl. 41-1.
- Barker, John L., and B. J. Midlock, to Eastern Industries, Inc. Casing assembly for portable radar apparatus. 2,855,257, 10-7-58, Cl. 312-7.
- Barker, Layman J., to Buck Tool Co. Tool bar for turret lathe. 2,825,122, 3-4-58, Cl. 29-98.
- Barker, Luther P., Jr. Suspension device for helmets. 2,822,546, 2-11-58, Cl. 2-3.
- Barker, Noble G. Ellipsograph. 2,831,251, 4-22-58, Cl. 33-30.
- Barker, Norval G., and R. Nordgren, to General Mills, Inc. Binder additive for making ore pellets. 2,833,642, 5-6-58, Cl. 75-3.
- Barker, Norval G., and R. W. H. Chang, to General Mills, Inc. L-arginine-L-glutamate. 2,851,482, 9-9-58, Cl. 260-501.
- Barker, Orrin W., R. E. Saving, and L. D. Libby, to Kearney & Trecker Corp. Rotary head milling attachment. 2,835,172, 5-20-58, Cl. 90-15.
- Barker Poultry Equipment Co.: *See*—
 Smith, Donald P. 2,855,647.
- Barker, Ray C. Excess breather oil recovery system. 2,849,994, 9-2-58, Cl. 123-41.86.
- Barker, Robert S.: *See*—
 Kinstler, Robert C. Barker, and Brunnstrom. 2,840,564.
 Saffer, Alfred, and Barker. 2,825,737.
 Saffer, Alfred, and Barker. 2,833,778.
 Saffer, Alfred, and Barker. 2,833,816.
- Barker, Wilbur V.: *See*—
 Renzoni, Louis S., and Barker. 2,839,461.
- Barker, William A., to United Shoe Machinery Corp. Leveling machines. 2,855,616, 10-14-58, Cl. 12-34.5.
- Barker and Williamson, Inc.: *See*—
 Sabaroff, Samuel. 2,844,801.
- Barkley, Charles J., to United States Steel Corp. Metallic skewback for furnace roofs. 2,822,768, 2-11-58, Cl. 110-99.
- Barkley, Lloyd B., to Monsanto Chemical Co. Method of carboxylating phenols. 2,824,892, 2-25-58, Cl. 260-521.
- Barkley, Lloyd B., to Monsanto Chemical Co. 3-formyl-3-methyl-6-(β -carboxyethyl)-7-keto- $\Delta^2,5^{10}$ octahydronaphthalene ester. 2,839,567, 6-17-58, Cl. 260-468.
- Barkley, Wiley Z. Transplanting machine. 2,859,718, 11-11-58, Cl. 111-7.
- Barkoff, Leonard E., and H. Walther, to Bell Telephone Laboratories, Inc. Counterbalance assembly. 2,843,808, 7-15-58, Cl. 317-187.
- Barkow, William H., to Radio Corp. of America. Deflection yoke for multi-beam cathode ray tube. 2,824,267, 2-18-58, Cl. 317-200.
- Barkow, William H., to Radio Corp. of America. Electromagnetic deflection apparatus. 2,837,674, 6-3-58, Cl. 313-70.
- Barkow, William H., and J. K. Kratz, to Radio Corp. of America. Cathode ray tube adjunct. 2,834,901, 5-13-58, Cl. 313-76.
- Barkules, Andrew P., to Ada Metal Products, Inc. Knock-down furniture. 2,828,175, 3-25-58, Cl. 311-110.
- Barland, Lauri C., W. R. Shaffer, and J. R. Wald, Jr., to Wald Industries, Inc. Gear. 2,824,458, 2-25-58, Cl. 74-243.
- Barley, Leo D., to Harris-Intertype Corp. Hydraulic cutting machine. 2,825,404, 3-4-58, Cl. 164-54.
- Barley, Thomas, J. H. Elliot, and R. P. Kinsey, to Imperial Chemical Industries Ltd. Apparatus for continuously determining small amounts of one gas in another. 2,829,032, 4-1-58, Cl. 23-254.
- Barlow, Edward H., to Seovill Mfg. Co. Self-closing anti-knock valve. 2,865,595, 12-23-58, Cl. 251-118.
- Barlow, Niles L., and W. J. Winch, Jr., to Radio Corp. of America. Modulating tone and bias supply. 2,855,505, 10-7-58, Cl. 250-8.
- Barlow, Niles L., and K. L. Neumann, to Radio Corp. of America. Dual frequency resonant circuits. 2,855,508, 10-7-58, Cl. 250-17.
- Barlow, Sidney D., and A. V. de Molin. Valve construction. 2,826,218, 3-11-58, Cl. 137-614.11.
- Barlow, Sidney D., P. S. Sussman, and A. V. de Molin. Fluid applicator having relatively adjustable valve and spreader elements. 2,837,756, 6-10-58, Cl. 15-139.
- Barlow, William H., to Seovill Mfg. Co. Split bolt connectors. 2,830,353, 4-15-58, Cl. 24-125.
- Barmasse, Edmund E.: *See*—
 Desmond, Charles F., and Barmasse. 2,839,124.
- Barmer, Maschinenfabrik Akt.: *See*—
 Kubler, Herman O. G., and Bochmann. 2,836,377.
 Lenk, Walter. 2,859,001.
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- Barnard, Charles W. Electric shaver with oscillating head. 2,830,364, 4-15-58, Cl. 30-43.
- Barnard, Kenneth H., and J. N. Growney, to American Cyanamid Co. Textile finishing process. 2,819,179, 1-7-58, Cl. 117-10.
- Barnard, Kent R., to Pan American Petroleum Corp. Vacuum distillation of crude C₃ alcohols. 2,833,701, 5-6-58, Cl. 202-52.
- Barnard, Ralph W. Dispensing unit. 2,858,050, 10-28-58, Cl. 222-88.
- Barnard, Robert D., and R. H. Meyer, to The Dow Chemical Co. Production of phenols from aromatic carboxylic acids. 2,852,567, 9-16-58, Cl. 260-621.
- Barnard, Roy M., D. S. Girling, and N. C. W. Judd, to International Standard Electric Corp. Manufacture of electrical capacitors. 2,861,321, 11-25-58, Cl. 29-25.42.
- Barnard, Walter C.: *See*—
 Moore, Robert E., Giddings, and Barnard. 2,861,434.
- Barney, Herbert A., to Owens-Illinois Glass Co. Pour-out fittings. 2,854,163, 9-30-58, Cl. 215-31.
- Barnes, Almon J. and M. Stirrer. 2,836,402, 5-27-58, Cl. 259-144.
- Barnes, Cecil D., to B & E Mfg. Co., Inc. Contact-wheel-belt-grinder. 2,841,927, 7-8-58, Cl. 51-141.
- Barnes, Chester F.: *See*—
 Barnes, Samuel A. 2,850,273.
- Barnes, David K., to Pan American Petroleum Corp. Production of alcohols by hydrolysis of alkyl bromides. 2,819,319, 1-7-58, Cl. 260-640.
- Barnes Drill Co.: *See*—
 Johnson, Albert M. 2,819,566.
 Johnson, Albert M. 2,829,470.
 Saunders, George A. 2,823,498.
- Barnes, Edward D. Display rack. 2,859,880, 11-11-58, Cl. 211-106.
- Barnes, Edwin W., and A. L. Hardy, to General Electric Co. Slipping clutch. 2,818,712, 1-7-58, Cl. 64-29.
- Barnes Engineering Co.: *See*—
 Frothingham, Donald M. 2,852,764.
- Barnes, Frank L. Cylindrical rolling corn crib. 2,818,658, 1-7-58, Cl. 34-126.
- Barnes-Hind Laboratories, Inc.: *See*—
 Hind, Harry W., and Szekely. 2,861,572.
- Barnes, Hix W. Tent shelter. 2,859,756, 11-11-58, Cl. 135-5.
- Barnes, Homer C., Jr., and G. P. Dahm, to Union Carbide Corp. Mixture for treating cast iron. 2,834,668, 5-13-58, Cl. 75-58.
- Barnes, James F., and E. F. Rebholz, to Foil Process Corp. Collapsible container structure. 2,823,847, 2-18-58, Cl. 229-31.
- Barnes, James F., E. F. Rebholz, and H. I. Silversher, to Foil Process Corporation. Directionally-oriented tearing metal foil sheet material. 2,830,001, 4-8-58, Cl. 154-50.
- Barnes, James F., and E. F. Rebholz, to Foil Process Corp. Disposable pressure cooker package of frozen food. 2,844,475, 7-22-58, Cl. 99-192.
- Barnes, James F., and E. F. Rebholz, to Foil Process Corp. Packaging and cooking container. 2,858,970, 11-4-58, Cl. 229-55.
- Barnes, James F., and E. F. Rebholz, to Foil Process Corp. Food package. 2,865,768, 12-23-58, Cl. 99-171.
- Barnes, Julius C.: *See*—
 Kenney, William D., and Barnes. 2,857,724.
- Barnes, Kenneth H., to Wheelabrator Corp. Centrifugal blasting wheel and blades for use in same. 2,819,562, 1-14-58, Cl. 51-9.
- Barnes, Marcus E. Device for catching rivet heads. 2,836,322, 5-27-58, Cl. 220-1.
- Barnes, Marion D.: *See*—
 Applegath, Fred, Barnes, and Franz. 2,857,430.
- Barnes, Marion D., and W. F. Donahoo, to Monsanto Chemical Co. Process for the production of melamine. 2,826,579, 3-11-58, Cl. 260-249.7.
- Barnes, Marshall F.: *See*—
 Whittall, Joseph A., and Barnes. 2,861,816.
- Barnes, Millicent: *See*—
 Barnes, Almon J. and M. 2,836,402.
- Barnes, Robert E., to P. R. Mallory & Co., Inc. Voltage regulating vibrator. 2,820,910, 1-21-58, Cl. 307-150.
- Barnes, Robert J.: *See*—
 Martin, Thomas B. 2,827,270.
- Barnes, Samuel A., 1/2 to D. Carr and 1/2 to C. F. Barnes. Rotary kiln type metallurgical furnace. 2,850,273, 9-2-58, Cl. 263-33.
- Barnes, Victor H., to Microport, Inc. Ink cartridge assembly for ball-point pens. 2,829,623, 4-8-58, Cl. 120-42.4.

- Barnes, W. F. and John, Co.: See—
 Abrams, Victor R., 2,824,344.
 Carlson, Carl R., and Bonzi, 2,818,873.
 Laxo, Ed. and Werge, 2,855,738.
 Smith, Clarence J., 2,838,651.
 Smith, Clarence J., 2,864,933.
- Barnes, William A.: See—
 Barnes, William B. and W. A., 2,833,154.
 Barnes, William A., to Utica Drop Forge & Tool Corp. Compression sheet tool, 2,820,380, 1-21-58, Cl. 78-82.
 Barnes, William A., to Utica Drop Forge & Tool Corp. Utility plier tool, 2,822,711, 2-11-58, Cl. 78-82.
 Barnes, William A., to Utica Drop Forge & Tool Corp. Four way compression plier, 2,829,547, 4-8-58, Cl. 78-82.
 Barnes, William A., Locking mechanism for adjustable jaw wrench, 2,859,650, 11-11-58, Cl. 81-165.
 Barnes, William A., to Kelsey-Hayes Co. Ratchet powered tool, 2,861,488, 11-25-58, Cl. 81-15.
 Barnes, William A., to Kelsey-Hayes Co. Pivot lever retainer for ratchet powered device, 2,861,489, 11-25-58, Cl. 81-15.
 Barnes, William A., to Kelsey-Hayes Co. Apparatus for butt welding, 2,863,344, 12-9-58, Cl. 78-82.
 Barnes, William A., and W. J. Rozmus, to Utica Drop Forge & Tool Corp. Retraction and rotation transmission for hand tools, 2,826,920, 3-18-58, Cl. 74-22.
 Barnes, William B. and W. A., Torque amplifier unit, 2,833,154, 5-6-58, Cl. 74-388.
 Barnes, William E., to Sun Oil Co. Pipe caliper device, 2,839,837, 6-24-58, Cl. 33-178.
 Barnes, William M., to The Coca-Cola Co. Device to maintain a constant liquid level in a container, 2,865,534, 12-23-58, Cl. 222-60.
 Barnes, William P., Heel guard for sling pump, 2,842,769, 7-15-58, Cl. 2-22.
 Barnes, William P., Jr., to United States of America, Army. Fluid vibrator, 2,850,893, 9-9-58, Cl. 73-71.6.
 Barnett, Charles H., to The Foundry Equipment Co. Control for vertical oven conveyors, 2,822,914, 2-11-58, Cl. 198-158.
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 Barnett, Harry E., Portable combination container and dispenser, 2,824,667, 2-25-58, Cl. 221-266.
 Barnett, Harry E., Pocket chronometer and pill container, 2,853,182, 9-23-58, Cl. 206-38.
 Barnett, John S., to Photographic Analysis, Inc. Mechanical memory, 2,852,727, 9-16-58, Cl. 318-467.
 Barnett, Jose M., to S. A. Filtox. Cigarette holders, 2,849,006, 8-26-58, Cl. 131-187.
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 Barnhardt, Harris L., to Olkon Research Corp. Multi-function repeat key for calculating machine, 2,821,341, 1-28-58, Cl. 235-60.
 Barnhart, George E., Latch for an automatically releasable cover for a cooking utensil, 2,843,410, 7-15-58, Cl. 292-254.
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 Barnhart, William S., to Minnesota Mining and Mfg. Co. Halogenated olefin polymers plasticized with a telomer containing perfluorochlorolefin monomer units and method of preparing same, 2,820,772, 1-21-58, Cl. 260-33.8.
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 Barnhart, William S., and R. H. Wade, to Minnesota Mining and Mfg. Co. Isolation of telomer acids, 2,831,004, 4-15-58, Cl. 260-408.
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 Baron, Howard C., Magnetic mixers, 2,837,320, 6-3-58, Cl. 259-108.
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 Barr, Francis A., to Sylvania Electric Products Inc. Synthetic mica product, 2,859,794, 11-11-58, Cl. 154-2.6.
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 Jahngig, Charles E., Barr, and Brown, 2,852,439.
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 Barr, Harry F., and A. E. Kolbe, to General Motors Corp. Engine structure, 2,853,062, 9-23-58, Cl. 123-41.74.
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- Barrer, Richard M., and W. E. Addison, to Union Carbide Corp. Disproportionation of nitric oxide using crystalline zeolites as catalysts. 2,853,365, 9-23-58, Cl. 23-157.
- Barret, William M., to Engineering Research Corp. Transmitting and receiving apparatus and method for electromagnetic prospecting. Re. 24,489, 6-17-58, Cl. 324-6.
- Barret, William M., and C. H. Clement, to The Engineering Research Corp. Coupling device for ground antennas. 2,860,340, 11-11-58, Cl. 343-822.
- Barreteau, Felix L., to Schlumberger Well Surveying Corp. Bore hole apparatus. 2,855,685, 10-14-58, Cl. 33-169.
- Barrett, Arthur L., to Joy Mfg. Co. Mining machine bit tip patterns. 2,832,579, 4-29-58, Cl. 262-28.
- Barrett, Arthur L., to Joy Mfg. Co. Rotary cutting, core breaking and conveying means. 2,836,408, 5-27-58, Cl. 262-9.
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- Barrett, Arthur M., to The Barrett Bindery Co. Portable display binder. 2,841,416, 7-1-58, Cl. 281-33.
- Barrett Bindery Co., The: See—
- Barrett, Arthur M. 2,841,416.
- Barrett, Charles F., Jr. Reversible disc plow. 2,834,274, 5-13-58, Cl. 97-32.
- Barrett, David M.: See—
- Basfin, Edgar J., and Barrett. 2,834,890.
- Barrett, Elliott F., to Baugh and Sons Co. Granular adsorbent for sugar refining. 2,831,818, 4-22-58, Cl. 252-424.
- Barrett, Gerald A., and R. A. Patterson, to Canadian General Electric Co. Ltd. Blade type cartridge fuse. 2,864,916, 12-16-58, Cl. 200-132.
- Barrett, Gerald R., to Monsanto Chemical Co. Continuous polymerization processes and resulting products. 2,838,475, 6-10-58, Cl. 260-78.5.
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- Barrett, Harry B. Brake drum gauges. 2,822,621, 2-11-58, Cl. 33-165.
- Barrett, Harry B. Brake shoe grinders. 2,822,650, 2-11-58, Cl. 51-241.
- Barrett, Hillard E., and E. A. Gallo, to Curtiss-Wright Corp. Spherical contact bearing. 2,818,737, 1-7-58, Cl. 74-96.
- Barrett, James L., and R. G. Parse, to Pennsylvania Drilling Co. Testbore. 2,833,120, 5-6-58, Cl. 61-73.
- Barrett, John F. Baby dressing table. 2,819,142, 1-7-58, Cl. 312-309.
- Barrett, John P., and E. W. Segebrecht, to Armour and Co. Rodent repellent cordage impregnated with dodecyl alcohol. 2,822,295, 2-4-58, Cl. 117-138.5.
- Barrett, John P., and E. W. Segebrecht, to Armour and Co. Rodent repellent material containing dodecylamine acetate. 2,822,296, 2-4-58, Cl. 117-138.5.
- Barrett, Walter A., to Fort Wayne Dairy Equipment Co. Can filler. 2,849,034, 8-26-58, Cl. 141-270.
- Barrett, Walter W. H. Coupling for the transmission of rotary motion. 2,823,546, 2-18-58, Cl. 74-8.
- Barrett, Wayne T., to W. R. Grace & Co. Method of preparing an alumina-silica-platinum-fluorine reforming catalyst. 2,852,472, 9-16-58, Cl. 252-442.
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- Barrett, William H., to Minnesota and Ontario Paper Co. Roller apparatus for coating paper. 2,830,555, 4-15-58, Cl. 118-7.
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- Barroero, Louis F. Refrigerated freezer cabinets having heated door frames and doors therefor. 2,858,408, 10-28-58, Cl. 219-19.
- Barron, Curtis L. Method of forming a liquid conveying duct. 2,843,913, 7-22-58, Cl. 25-155.
- Barron, Fred E., and S. F. Lybarger, to E. A. Myers & Sons, Inc. Transistorized amplifier circuits. 2,845,497, 7-29-58, Cl. 179-171.
- Barron, James R., Jr. Change mechanism for combined slide and film strip projector. 2,856,812, 10-21-58, Cl. 88-28.
- Barron, John T.: See—
- Whiteman, Irvin R., and Barron. 2,841,092.
- Barron, Joseph M., to Texaco Development Corp. Production of hydrocarbons from subsurface reservoirs. 2,856,000, 10-14-58, Cl. 166-9.
- Barrons, Keith C., and J. D. Eastman, to The Dow Chemical Co. Pre-emergence herbicide control with dinitrophenols. 2,833,639, 5-6-58, Cl. 71-2.4.
- Barrow, Seymour I., to United Merchants and Manufacturers, Inc. Fabric display device. 2,857,696, 10-28-58, Cl. 40-11.
- Barrowman, Arthur H., to the United States of America as represented by the Secretary of the Navy. Torpedo suspension band. 2,826,119, 3-11-58, Cl. 89-1.5.
- Barrows, Howard E., and W. P. Luther, to John Oster Mfg. Co. Machine for juicing, slicing and shredding food materials. 2,844,176, 7-22-58, Cl. 146-3.
- Barry, Alfreda F.: See—
- Barry, John A. 2,835,339.
- Barry, Austin W., and R. P. Schake, to Daystrom, Inc. Instrument magnetic system. 2,848,662, 8-19-58, Cl. 317-166.
- Barry Controls Inc.: See—
- Markowski, Edwin P. 2,828,934.
- Barry, David A. Rollaway screen. 2,845,117, 7-29-58, Cl. 160-269.
- Barry, Howard. Removable furniture leg. 2,823,392, 2-18-58, Cl. 5-210.
- Barry, Howard. Detachable bed legs. 2,828,490, 4-1-58, Cl. 5-310.
- Barry, James J., to Connors Bros. Ltd. Machine for treating vegetables and fruits. 2,834,282, 5-13-58, Cl. 100-98.
- Barry, John A., deceased; A. F. Barry, administratrix, to V. Reiman. Automatic damper for downflow furnaces. 2,835,339, 5-20-58, Cl. 183-32.
- Barry, John K., to South Chester Corp. Securing devices. 2,833,005, 5-6-58, Cl. 20-92.
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- Barry, John K., and M. R. Tuozzo, to South Chester Corp. Door or panel fastener. 2,860,904, 11-18-58, Cl. 292-256.
- Barry, Joseph F., and N. C. Seelye, to Bell Telephone Laboratories, Inc. Method of shaping semiconductive bodies. 2,827,427, 3-18-58, Cl. 204-143.
- Barry, Lee, Laboratories, Inc.: See—
- Lipari, Michael. 2,851,036.
- Barry, Martin J., and T. S. Williams, to The M. W. Kellogg Co. Regeneration of cuprous ammonium salt material. 2,824,886, 2-25-58, Cl. 260-438.
- Barry, Martin J., and T. S. Williams, to The M. W. Kellogg Co. Production of nitrogen and hydrogen for ammonia synthesis. 2,829,113, 4-1-58, Cl. 252-376.
- Barry, Vincent C., to Lasdon Foundation, Inc. Thiosemicarbazone compounds. 2,837,509, 6-3-58, Cl. 260-209.
- Barry-Wehmiller Machinery Co.: See—
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- Wehmiller, Frederick W., and Nekola. 2,822,912.
- Barry, William R., to J. W. Mecon. High pressure reciprocating pump. 2,842,060, 7-8-58, Cl. 103-4.
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- Gundel, John A., and Barsha. 2,849,756.
- Barshay, Bernard, to The Daven Co. Precision resistor network. 2,844,785, 7-22-58, Cl. 323-74.
- Barski, Julius J., to The Lathrop-Paulson Co. Extensible conveyor. 2,826,290, 3-11-58, Cl. 198-139.
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- Barsky, George, to Carbogen Corp. System for producing cyanohydrins. 2,826,601, 3-11-58, Cl. 260-465.6.
- Barsky, George, to E. F. Drew & Co., Inc. Continuous method of treating glyceride oils. 2,840,585, 6-24-58, Cl. 260-410.7.
- Barsroom, Alex W.: See—
- Coberly, Charles W., and Barsroom. 2,849,970.
- Barsotti, Armando. Window with slidable lower and upper sashes. 2,846,733, 8-12-58, Cl. 20-50.
- Barstad, Gotfred E. B., to Fersvarets Forskningsinstitut Akershus Festning. Radioactive radiation indicator. 2,842,674, 7-8-58, Cl. 250-83.6.
- Bart Laboratories Co., Inc.: See—
- Carr, Dodd S. 2,842,487.
- Bart, Roger, and W. B. Williams, to International Minerals & Chemical Corp. Animal feed material. 2,843,492, 7-15-58, Cl. 99-6.
- Barta, Anthony J., A. J. Simmons, C. T. Hunter, and R. T. Johnson, to Plymouth Industrial Products, Inc. Pipe-in-socket coupling for slotted end conduits. 2,825,587, 3-4-58, Cl. 285-284.
- Bartelink, Everhard H. B., to the United States of America as represented by the Secretary of the Navy. Command radar. 2,822,537, 2-4-58, Cl. 343-11.
- Bartelink, Everhard H. B., to General Precision Laboratory Inc. Subscriber television system. 2,833,850, 5-6-58, Cl. 178-5.1.
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- Bartels, Albert H., 1/2 to L. T. Schmit, Heat saving device for furnaces. 2,856,992, 10-21-58, Cl. 158-28.
- Bartels, Bernhard E.: See—
- Dymon, Joseph J., and Bartels. 2,852,448.
- Rocard, Yves A., and Bartels. 2,858,398.

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- Bartels, Henning G. Device for increasing the pressure or the speed of a fluid flowing within a pipeline. 2,824,520, 2-25-58, Cl. 103-87.
- Bartels, Heinrich, and H. Fritsch, to International Standard Electric Corp. Process for connecting a tantalum electrode pin to an electrode body. 2,819,961, 1-14-58, Cl. 75-208.
- Bartels, Heinrich A., to International Standard Electric Corp. Method of making dry contact rectifiers, particularly selenium rectifiers. 2,819,436, 1-7-58, Cl. 317-241.
- Bartelt, Donald E.: *See*—
- Bartelt, Harold L. 2,822,934.
- Bartelt Engineering Co.: *See*—
- Johnson, Kenneth R. 2,852,389.
- Negoro, Kl. 2,826,881.
- Bartelt, Harold L.: *See*—
- Morgan, Tracy B., Jr. 2,821,337.
- Bartelt, Harold L., 45% to D. E. Bartelt. Dispensing device. 2,822,934, 2-11-58, Cl. 214-17.
- Bartelt, John E., and M. E. Femmer, to International Business Machines Corp. Magnetic record input-output device for calculators. 2,850,234, 9-2-58, Cl. 235-61.
- Bartenfeld, Wilford G. Universal unloading unit for bulk cargo vessels. 2,827,180, 3-18-58, Cl. 214-15.
- Bartenfeld, Wilford G. Universal self-unloading unit for bulk cargo vessels. 2,827,181, 3-18-58, Cl. 214-15.
- Barth, Edwin J. Non-brittle, non-lustrous, oxidation resistant asphalt. 2,836,507, 5-27-58, Cl. 106-232.
- Barth Engineering and Mfg. Co., Inc.: *See*—
- Bengissom, Bertil S., and Hart. 2,825,784.
- Barth, Eugene W.: *See*—
- Shields, James R., Barth, and Fitzsimmons. 2,830,467.
- Barth, Robert L., to D. M. Curran. Brakes for internal alignment clamps. 2,823,634, 2-18-58, Cl. 113-103.
- Barth, Walter: *See*—
- Seifert, Richard, and Barth. 2,831,433.
- Bartha, Erich, and F. Jung, to Klockner-Humboldt-Deutz Aktiengesellschaft. Internal combustion engine installation. 2,821,841, 2-4-58, Cl. 60-97.
- Barthe, Paulette. Announcing method and apparatus. 2,837,606, 6-3-58, Cl. 179-100.1.
- Barthel, August, and A. Häuser, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Electrical resistance thermometer of low heat capacity. 2,866,060, 12-23-58, Cl. 201-63.
- Barthel, Eric, Jr., to E. I. du Pont de Nemours and Co. Arylene diisocyanate-fatty acid triglyceridepolyol cellular materials and process of producing same. 2,833,730, 5-6-58, Cl. 260-25.
- Barthel, Karl: *See*—
- Buttnar, Artur, Barthel, and Jung. 2,848,226.
- Barthel, Roy W., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,831,089, 4-15-58, Cl. 200-138.
- Barthel, William F. Dimethylbenzyl chrysanthemumates as insecticides. 2,857,309, 10-21-58, Cl. 167-30.
- Barthelemy, Max, to Societe Parisienne d'Expansion Chimique S. P. E. C. I. A. Automatic bottle filling machine. 2,860,464, 11-18-58, Cl. 53-115.
- Bartholome, Ernst, to Badische Anilin- & Soda-Fabrik Akt. Production of fuel gases. 2,863,748, 12-9-58, Cl. 48-197.
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- Bartholome, Herbert: *See*—
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- Gall, John F., and Barth-Wehrenalp. 2,838,372.
- Barth-Wehrenalp, Gerhard, to Pennsalt Chemicals Corp. Purification of titanium tetrachloride. 2,819,148, 1-7-58, Cl. 23-87.
- Bartik, William J., to Sperry Rand Corp. Electrical circuit having two or more stable states. 2,854,656, 9-30-58, Cl. 340-174.
- Bartilotta, William P. Photographic printing device. 2,834,273, 5-13-58, Cl. 95-77.
- Bartlett, C. O., and Snow Co., The: *See*—
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- Bartlett, Charley H., 1/4 to D. J. Melton. Sun visor attachment for vehicles. 2,829,919, 4-8-58, Cl. 296-97.
- Bartlett, Edward E. Mold for the manufacture of lamp chimneys. 2,849,838, 9-2-58, Cl. 49-72.
- Bartlett, Francis J. W., to F. J. W. Bartlett and W. W. Prager. Method of preparing vinyl resin granules and covering containing same. 2,835,620, 5-20-58, Cl. 154-49.
- Bartlett, Jeffrey H.: *See*—
- Brugmann, William H., Jr., Bartlett, Morway, and Knoth. 2,854,408.
- Mikeska, Louis A., Bartlett, Thompson, and Morway. 2,819,211.
- Bartlett, Jeffrey H., and P. V. Smith, Jr., to Esso Research and Engineering Co. Resin compositions containing ester of polyhydric alcohols as plasticizers for the resin. 2,842,514, 7-8-58, Cl. 260-31.6.
- Bartlett, Kenneth M., to Thompson Products, Inc. Hollow vane with internal vibration dampener. 2,862,686, 12-2-58, Cl. 253-77.
- Bartlett, Kenneth M., and P. P. Turner, to Thompson Products, Inc. Multiple coated molybdenum base article. 2,854,739, 10-7-58, Cl. 29-198.
- Bartlett, Marjorie: *See*—
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- Bartlett, Mark. Wiper rubber protector. 2,835,327, 5-20-58, Cl. 166-75.
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- Bartlett, Robert C.: *See*—
- Russell, Theodore B., and Bartlett. 2,841,358.
- Bartlett, Theo A., to General Motors Corp. Voltmeter. 2,849,679, 8-26-58, Cl. 324-131.
- Barlow, Emmett A., to General Motors Corp. Fusible washer with means to protect threads from molten metal. 2,835,158, 5-20-58, Cl. 85-50.
- Bartmann & Bixer, Inc.: *See*—
- Robbins, Lionel. 2,862,549.
- Bartness, Ulysses S.: *See*—
- Smith, Hyrum P., and Bartness. 2,851,705.
- Bartnicki, Joseph E.: *See*—
- Archer, Lee A., Bartnicki, Tinsman, and Feustel. 2,824,290.
- Bartoli, John A.: *See*—
- Bartoli, Julius J., and J. A. 2,836,502.
- Bartoli, Julius J. and J. A. Tile grout. 2,836,502, 5-27-58, Cl. 106-98.
- Bartoll, Aicart, Eduardo. Demountable siphon heads. 2,830,745, 4-15-58, Cl. 222-394.
- Bartolomeo, Frank. Smoking device. 2,860,638, 11-18-58, Cl. 128-301.
- Bartolomeo, Frank A., and H. D. Ledbetter, and J. M. McDuff, to The Dow Chemical Co. Purification of polymerized olefins prepared with catalytic metal compounds. 2,827,445, 3-18-58, Cl. 260-94.9.
- Barton, Alfred M.: *See*—
- Gaver, Kenneth M., Barton, and Eisenbraun. 2,828,336.
- Gaver, Kenneth M., Barton, and Eisenbraun. 2,831,889.
- Barton, David W., to Chrysler Corp. Air atomizing nozzle. 2,854,285, 9-30-58, Cl. 299-120.
- Barton, Dean M., to Beckman Instruments, Inc. Potentiometer. 2,863,972, 12-9-58, Cl. 201-48.
- Barton, Douglas R., and J. C. Curtis, to Joy Mfg. Co. Mobile rock drill rig. 2,845,251, 7-29-58, Cl. 255-51.
- Barton, Harvey: *See*—
- Bilker, Stanley, and Barton. 2,835,169.
- Barton, Hugh M., Jr., to Phillips Petroleum Co. Radiation source. 2,825,852, 3-4-58, Cl. 315-104.
- Barton, James, to F. B. Stevens, Inc. Lift arm assembly. 2,860,099, 11-11-58, Cl. 204-213.
- Barton, John P., to United States Steel Corp. Bloom manipulator. 2,860,764, 11-18-58, Cl. 198-33.
- Barton, Larry J., to The Clorox Co. Method for restoring whiteness to yellowed nylon fabrics. 2,830,868, 4-15-58, Cl. 8-108.
- Barton, Loy E., to Radio Corp. of America. Semi-conductor automatic gain control system. 2,841,702, 7-1-58, Cl. 250-20.
- Barton, Loy E., to Radio Corp. of America. Detector circuit in which increasing rectified signal causes decreasing collector current. 2,866,892, 12-30-58, Cl. 250-20.
- Barton, Ralph D., to Whirlpool Corp. Ice making apparatus. 2,844,008, 7-22-58, Cl. 62-135.
- Barton, Raymond W.: *See*—
- Hassler, Weddie H., and Barton. 2,862,496.
- Barton, Robert W.: *See*—
- Kise, Mearl A., Barton, and Ingwall. 2,862,784.
- Bartoo, George O.: *See*—
- Howard, Sheldon J., and Bartoo. 2,860,363.
- Bartram, Kaethe, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of pyridazone derivatives. 2,824,873, 2-25-58, Cl. 260-247.5.
- Bartram, Ronald, to The General Electric Co. Ltd. Ore reclaiming machines. 2,864,514, 12-16-58, Cl. 214-10.
- Bartu, Franz, and A. Slesacek, to Maerz Industrie-Ofenbau A. G. Reverberatory furnace. 2,864,602, 12-16-58, Cl. 263-46.
- Bartusch, Alexander P.: *See*—
- Seaver, George A., Christophersen, and Bartusch. 2,864,149.
- Bartz, Gunther: *See*—
- Weissenberg, Gustav, and Bartz. 2,824,987.
- Bartz, Melvin C., to Bendix Aviation Corp. Fuel supply system. 2,864,354, 12-16-58, Cl. 123-119.
- Baruch, Joseph. Portable floors. 2,822,585, 2-11-58, Cl. 20-6.
- Baruch, Sydney N. Method of aromatizing coffee. 2,845,351, 7-29-58, Cl. 99-71.
- Baruch, Sydney N. Garment supporters. 2,845,679, 8-5-58, Cl. 24-246.
- Barusch, Edward J. Reverse cycle valve. 2,828,767, 4-1-58, Cl. 137-625.29.
- Barusch, Maurice R.: *See*—
- Lindstrom, Eddie G., and Barusch. 2,839,372.
- Lindstrom, Eddie G., and Barusch. 2,862,945.
- Sigworth, Harrison W., Lindstrom, and Barusch. 2,839,371.

- Barusch, Maurice R., and E. G. Lindstrom, to California Research Corp. Preparation of iron cyclopentadienides. 2,834,796, 5-13-58, Cl. 260-139.
- Barusch, Maurice R., and E. G. Lindstrom, to California Research Corp. Gasoline composition. 2,839,373, 6-17-58, Cl. 44-66.
- Barvaeus, Alvar E. A. Self-adjusting back support. 2,843,195, 7-15-58, Cl. 155-182.
- Barwasser, Josef, U. Esch, W. Schwartz, and H. Rausch, to Metallgesellschaft Aktiengesellschaft. Process for the treatment of lead ores. 2,823,990, 2-18-58, Cl. 75-77.
- Barwell, Harry T.: *See*—
- Gensinger, Stephen J., and Barwell. 2,830,829.
- Bärwinkel, Paul. Chucks with jointly and severally adjustable jaws. 2,822,179, 2-4-58, Cl. 279-112.
- Barworth, Inc.: *See*—
- Swatsworth, John C. 2,860,660.
- Bary, Nina: *See*—
- Bary, Woldemar A. 2,837,101.
- Bary, Woldemar A., to N. Bary. Inflatable structure. 2,837,101, 6-3-58, Cl. 135-1.
- Barzelay, Martin E. Spray drying process. 2,835,597, 5-20-58, Cl. 99-203.
- Bar-Zim Toy Mfg. Co., Inc.: *See*—
- Sire, Edouard M. 2,842,896.
- Basala, Andrew J., Jr. Paint roller scraper. 2,825,916, 3-11-58, Cl. 15-236.
- Basart, Johan C. M.: *See*—
- Kroger, Ferdinand A., Basart, van den Boomgaard, Vink, Bloem, and De Nobel. 2,849,343.
- Basch, Edgar D. Check wire pay-out stake. 2,841,104, 7-1-58, Cl. 111-49.
- Basch, Heinz P., to The Distillers Co. Ltd. Solution of α -chloro-acrylonitrile polymers in nitromethane solvent mixture and method of making. 2,834,743, 5-13-58, Cl. 260-29,6.
- Bascher, François P. M. Stringed musical instruments. 2,837,953, 6-10-58, Cl. 84-275.
- Baschnonga, Karl. Hanger and stretcher for clothes. 2,829,811, 4-8-58, Cl. 223-95.
- Bascle, Joseph A., Jr. Pressure carburetors. 2,828,116, 3-25-58, Cl. 261-44.
- Basdekis, Costas H.: *See*—
- Sutton, Ernest A., and Basdekis. 2,842,511.
- Base Inc.: *See*—
- Mueller, Robert W. 2,836,640.
- Basel, Donald R.: *See*—
- Else, Harry D., Basel, and Braun. 2,862,119.
- Baselt, Walter H., to American Steel Foundries. Railway brake linkage safety support. 2,838,143, 6-10-58, Cl. 188-210.
- Baselt, Walter H., to American Steel Foundries. Railway brake. 2,866,523, 12-30-58, Cl. 188-56.
- Basford, Kenneth A., to Rolls-Royce Ltd. Hydraulic speed responsive circuits. 2,824,423, 2-25-58, Cl. 60-52.
- Basford, Kenneth A., to Rolls-Royce Ltd. Mechanisms for producing hydraulic pressure signals. 2,862,358, 12-2-58, Cl. 60-39,29.
- Basham, Raymond B., to Westronics, Inc. Servomotor positioning device. 2,846,641, 8-5-58, Cl. 323-66.
- Bashaw, Gerald R. Simplified bearing insert. 2,866,668, 12-30-58, Cl. 308-56.
- Bashour, Joseph T.: *See*—
- Haimsohn, Jerome N., Bashour, and Rabatin. 2,859,249.
- Bashover, Albert: *See*—
- Prupis, Robert I., and Bashover. 2,823,388.
- Bashover, Albert, to Margon Corp. Mechanical memory device. 2,855,723, 10-14-58, Cl. 46-244.
- Bashover, Albert, to Margon Corp. Toy eye. 2,856,730, 10-21-58, Cl. 46-169.
- Bashuk, Peter. Electrical steam sprayer. 2,835,781, 5-20-58, Cl. 219-39.
- Basic Inc.: *See*—
- Boyle, Albert J., and Zlatkis. 2,835,700.
- Pearson, Edward P., and Hughew. 2,846,326.
- Weinig, Arthur J., and McIntosh. 2,831,574.
- Basic Methods, Inc.: *See*—
- Mueller, John J. 2,827,184.
- Basic Products Corp.: *See*—
- Hjermstad, Hans U. 2,862,170.
- Sola, Joseph G. 2,858,479.
- Basic Research Corp.: *See*—
- Toulmin, Harry A., Jr. 2,864,879.
- Basilevsky, Alexis G., to North American Solvay, Inc. Specific gravity measuring instrument. 2,821,857, 2-4-58, Cl. 73-438.
- Baskerville, Edward A. Unit sheet dispenser for currency holders. 2,827,199, 3-18-58, Cl. 221-34.
- Baskin, Arnold M. Inflatable catheter. 2,854,983, 10-7-58, Cl. 128-349.
- Baskind, Leonard: *See*—
- Braverman, Philip D. 2,854,745.
- Basnett, Thomas N.: *See*—
- Brown, Kenneth S., and Basnett. 2,861,211.
- Baso Inc.: *See*—
- Bydalek, Floyd J., Dietz, Hilgert, and Matthews. 2,844,685.
- Bydalek, Floyd J., and Matthews. 2,833,508.
- De Leon, Paul A. 2,821,564.
- Dietz, Gerald E., and Hilgert. 2,822,984.
- Guelson, Stanley. 2,850,030.
- Baso Inc.: *See*—Continued
- Hajny, Charles E. 2,857,103.
- Hilgert, Adolph J. 2,844,768.
- Hilgert, Adolph J. 2,859,931.
- Holmes, Gifford I. 2,821,206.
- Kile, Stephen L., and R. B. Matthews. 2,845,228.
- Leins, Oscar J. 2,844,201.
- Matthews, Russell B. 2,832,364.
- Matthews, Russell B. 2,848,167.
- Matthews, Russell B. 2,848,168.
- Matthews, Russell B. 2,856,946.
- Matthews, Russell B. 2,862,665.
- Meusy, Eugene E. 2,850,031.
- Mihm, Herman A. 2,834,367.
- Thornbery, John H. 2,823,741.
- Thornbery, John H. 2,840,095.
- Thornbery, John H., and Matthews. 2,849,663.
- Witzel, Ernst. 2,848,188.
- Bason, Merrill M., A. M. Ames, and M. S. Nehls, to C. F. Braun & Co. Catalytic reactor. 2,835,560, 5-20-58, Cl. Bass, Helen L., to Amalgamated Bass Prince Inventions, Inc. Smoker's wrist compact. 2,843,134, 7-15-58, Cl. 131-235.
- Bass, Lillian. Spray bathing apparatus with scrubbers. 2,826,763, 3-18-58, Cl. 4-158.
- Bassani, Luigi, to Società per Azioni Bassani. Electric chime with acoustic members giving out different tones. 2,850,724, 9-2-58, Cl. 340-392.
- Bassett, Henry W., to The W. E. Bassett Co. Combined tool. 2,824,368, 2-25-58, Cl. 30-161.
- Bassett, Merton O., to General Electric Co. Tracer head. 2,839,733, 6-17-57, Cl. 336-30.
- Bassett Research Corp.: *See*—
- Bassett, Rex E., Jr. 2,841,789.
- Bassett, Rex E., Jr. 2,852,423.
- Bassett, Rex E., Jr., to Bassett Research Corp. Loading coil structure. 2,841,789, 7-1-58, Cl. 343-749.
- Bassett, Rex E., Jr., to Bassett Research Corp. Shielding adhesive tape. 2,852,423, 9-16-58, Cl. 154-53,5.
- Bassett, Russell L., to Steelcase, Inc. Desk with apron. 2,853,351, 9-23-58, Cl. 312-194.
- Bassett, W. E. Co., The: *See*—
- Bassett, Henry W. 2,824,368.
- Bassett, William E., by E. L. Lyon, Jr., conservator. Combined tool. 2,832,135, 4-29-58, Cl. 30-152.
- Bassick Co.: *See*—
- Claud-Mantle, Arthur. 2,852,293.
- Bassick Co., The: *See*—
- Kramcesak, Michael Jr. 2,847,696.
- Parrott, Henry W., and Ericson. 2,863,497.
- Bassinger, Ross, and J. D. Gardner, to Bassinger Tool Co. Fluid actuated impact tool. 2,859,733, 11-11-58, Cl. 121-30.
- Bassinger Tool Co.: *See*—
- Bassinger, Ross, and Gardner. 2,859,733.
- Basso, Arthur J.: *See*—
- O'Neill, Robert C., and Basso. 2,823,162.
- O'Neill, Robert C., and Basso. 2,829,084.
- O'Neill, Robert C., and Basso. 2,850,503.
- O'Neill, Robert C., and Basso. 2,850,530.
- Bassoff, Arthur B.: *See*—
- Praeg, Walter S., and Bassoff. 2,856,824.
- Bast, Walter, W. M. Chandler, and P. F. Heuser, to Wilbert W. Haase Co. Form for molding quadrangular objects. 2,834,089, 5-13-58, Cl. 25-121.
- Bast, Walter, and W. O. Blasius, to Wilbert W. Haase Co. Cores. 2,854,725, 10-7-58, Cl. 25-128.
- Bastable, Edward H. Heel lift and method of making the same. 2,840,928, 7-1-58, Cl. 36-34.
- Bas-Taymas, Enis, to Gesellschaft zur Förderung der Forschung an der Eidg. Techn. Hochschule. Electron gun for producing an electron beam. 2,835,837, 5-20-58, Cl. 313-82.
- 23-288.
- Bastedo, Walter Jr.: *See*—
- Ryan, James V., Bastedo, Strong, and Losey. 2,835,331.
- Baster, Forest S., to The White Motor Co. Cooling system. 2,841,127, 7-1-58, Cl. 123-41,1.
- Bastian, Arthur L., to Ward Leonard Electric Co. Apparatuses and circuits for dimming gaseous discharge devices. 2,821,661, 1-28-58, Cl. 315-98.
- Bastian, Arthur L., to Curtiss-Wright Corp. Thermal time delay relay. 2,859,306, 11-4-58, Cl. 200-122.
- Bastian-Blessing Co., The: *See*—
- Billington, Evans R. 2,850,900.
- Chaiser, Richard F., and Beretish. 2,855,759.
- Klinkenberg, Otto. 2,834,374.
- McMahon, Alexander F. 2,837,367.
- Bastian, Edgar J., and D. M. Barrett, to Picker X-Ray Corp., Waite Mfg. Div. Inc. Multi-filmer. 2,834,890, 5-13-58, Cl. 250-66.
- Bastian, Raymond E., to The Firestone Tire & Rubber Co. Tire molds and method of making same. 2,848,910, 8-26-58, Cl. 76-107.
- Bastin, Edgar J.: *See*—
- Schiring, Ralph C., and Bastin. 2,835,520.
- Bastir, Robert, to Siemens-Reiniger-Werke Aktiengesellschaft. Apparatus for applying pulses to muscles and nerves for electromedical stimulation. 2,823,311, 2-11-58, Cl. 250-36.

- Bastow, Geoffrey, to Rolls-Royce Ltd. Motor vehicle suspension with rear axle anti-roll rod. 2,843,397, 7-15-58, Cl. 280-124.
- Bastow, Wendell R., to Raytheon Mfg. Co. Balanced modulators. 2,859,410, 11-4-58, Cl. 332-47.
- Bastress, Ernest K.: *See*—
De Coriolis, Ernest G., Hepburn, Turin, and Bastress. 2,852,650.
- Bastress, Ernest K., to Surface Combustion Corp. Metal article treating apparatus. 2,822,162, 2-4-58, Cl. 266-4.
- Bata Shoe Co. Inc.: *See*—
Tusa, John, and Marcanik. 2,832,974.
- Bataille, Maurice C. E.: *See*—
Aigrain, Pierre R. R., and Bataille. 2,864,901.
Van Meirlo, Stanislas, Weill, and Bataille. 2,846,513.
- Batchelar, Raymond F.: *See*—
Guinane, James P., and Batchelar. 2,862,329.
- Batchelder Engineering Co., Inc.: *See*—
Batchelder, James W. 2,825,489.
- Batchelder, George B., to Rockwell Mfg. Co. Latch mechanism. 2,854,859, 10-7-58, Cl. 74-527.
- Batchelder, James W., to Packaging feed and counting apparatus. 2,825,191, 3-4-58, Cl. 53-62.
- Batchelder, James W., to Batchelder Engineering Co., Inc. Feeding machine. 2,825,489, 3-4-58, Cl. 221-160.
- Batchelder, James W., to Economy Engineering Co. Pneumatic transfer mechanism. 2,856,099, 10-14-58, Cl. 221-211.
- Batchelder, Laurence, to Raytheon Mfg. Co. Beam-forming systems. 2,827,620, 3-18-58, Cl. 340-6.
- Batchelder, Laurence, to Raytheon Mfg. Co. Compressional wave transducers. 2,844,809, 7-22-58, Cl. 340-10.
- Batcheller, Hugh W., to Kent Mfg. Corp. Multiple electric terminal and insulating board. 2,820,211, 1-14-58, Cl. 339-198.
- Batcheller, Hugh W., to Kent Mfg. Corp. Electric connector with bifurcated member. 2,820,212, 1-14-58, Cl. 330-258.
- Batcheller, Hugh W., to Kent Mfg. Corp. Electric connector member with yielding side walls. 2,825,883, 3-4-58, Cl. 339-258.
- Batcheller, Hugh W., to Ark-Les Switch Corp. Electric junction block. 2,840,794, 6-24-58, Cl. 339-220.
- Batchelor, Clyde S., and R. E. Steck, to Raybestos-Manhattan, Inc. Sintered copper friction elements containing a mineral filler. 2,818,634, 1-7-58, Cl. 29-182.5.
- Batchelor, James D.: *See*—
Gorin, Everett, Curran, and Batchelor. 2,824,047.
- Batchelor, Joseph B., Jr., to W. R. Schum. Balanced modulator. 2,856,587, 10-14-58, Cl. 332-45.
- Batchelor, Joseph B., Jr., to Patronix Inc. Electrical coupling device. 2,864,060, 12-9-58, Cl. 333-32.
- Batchler, William H. Gate latch keeper. 2,832,627, 4-29-58, Cl. 292-341.15.
- Batdorf, Jack B., to Hercules Powder Co. Cogenetic glycol ethers of partial esters of pentaerythritol and rosin. 2,864,810, 12-16-58, Cl. 260-104.
- Batdorf, Jack B., to Hercules Powder Co. Method of reducing BOD of starch bearing effluent by addition of substituted starch to effluent. 2,865,853, 12-23-58, Cl. 210-59.
- Bateman, Alva W., to E. I. du Pont de Nemours and Co. Article of manufacture and process of making same. 2,840,881, 7-1-58, Cl. 28-79.
- Bateman, Floyd E. Level protractor tool. 2,847,765, 8-19-58, Cl. 33-215.
- Bateman, Fredrick J. T., to The British Thompson-Houston Co. Ltd. Electrical coils. 2,832,055, 4-22-58, Cl. 336-192.
- Bateman, Lee J., to Hughes Aircraft Co. Binary decoder. 2,832,070, 4-22-58, Cl. 340-347.
- Bateman, Lee J., to Hughes Aircraft Co. Voltage state to digital converter. 2,840,806, 6-24-58, Cl. 340-347.
- Bateman, Richard M., and N. E. Hollis, to The Richardson Co. Process for preparing moldable composition. 2,844,327, 7-22-58, Cl. 241-3.
- Bateman, Robert E. Fish lure. 2,821,044, 1-28-58, Cl. 43-42.16.
- Bateman, William F., and C. O. Vermillion. Running light for small boats. 2,850,621, 9-2-58, Cl. 240-7.5.
- Bateman, William H., to Wickman Ltd. Method and means for shaping and trimming helically formed grinding wheels. 2,824,556, 2-25-58, Cl. 125-11.
- Bateman, William T. Vertically swinging flexible doors. 2,827,117, 3-18-58, Cl. 160-354.
- Batenburg, Michael: *See*—
Koehler, Raymond V., and Batenburg. 2,836,076.
Koehler, Raymond V., and Batenburg. 2,845,815.
- Bates, C. J., & Son: *See*—
Bates, Wells C. 2,860,399.
Pool, Stedman C. 2,830,601.
Schneider, John N. 2,826,959.
- Bates, Charles E., to General Motors Co. Storage battery. 2,831,910, 4-22-58, Cl. 136-39.
- Bates, Daniel W.: *See*—
Vinsonhaler, Russell, Bates, and Black. 2,826,897.
- Bates, Eric B.: *See*—
Reynolds, Peter W., and Bates. 2,838,802.
- Bates, Harold: *See*—
Fisher, James W., and Bates. 2,856,401.
- Bates, Homer J., to Koehring Co. Diaphragm press. 2,854,940, 10-7-58, Cl. 113-44.
- Bates Mfg. Co.: *See*—
Mills, George L. 2,845,094.
Thomas, William B. 2,829,072.
- Bates, Samuel E. Brake shoe spring tool. 2,839,820, 6-24-58, Cl. 29-227.
- Bates, Verne R., to Wright Sales Co., Inc. Head rail assembly for Venetian blinds. 2,864,441, 12-16-58, Cl. 160-173.
- Bates, Wells C., to C. J. Bates & Son. Design forming device. 2,860,399, 11-18-58, Cl. 28-15.
- Batey, Thomas E. Rug frame. 2,832,171, 4-29-58, Cl. 45-24.
- Bath, Cyril Co., The.: *See*—
Bath, Cyril J. 2,828,531.
Curtner, Richard L. 2,849,048.
Hein, Henry W., and Fredericks. 2,857,952.
- Bath, Cyril J., to The Cyril Bath Co. Method of making a helicopter blade. 2,828,531, 4-1-58, Cl. 29-156.8.
- Bath Iron Works Corp.: *See*—
Neely, Forest H. 2,819,027.
- Bathe, William F., to Enterprise Railway Equipment Co. Latch construction for railway car hopper doors. 2,855,865, 10-14-58, Cl. 105-308.
- Bation, Edmond, and M. Grunfeld, to Societe des Usines Chimiques Rhone-Poulenc. Processes for the catalytic oxidation of acetone. 2,820,823, 1-21-58, Cl. 260-541.
- Batres, Enrique: *See*—
Rosenkranz, George, and Batres. 2,826,593.
- Batson, Arnold F., and J. J. Mestdagh, to International Harvester Co. Process of manufacturing expansible sealing rings. 2,828,238, 3-25-58, Cl. 154-81.
- Batson-Cook Co.: *See*—
Ball, Gaines L. 2,822,603.
Ball, Gaines L. 2,866,254.
- Batson, George A., and G. A. Peterman. Cover lock and centrifugal switch control therefor. 2,844,239, 7-22-58, Cl. 192-136.
- Battelle Development Corp., The.: *See*—
Ballmer, James E., and Rockwood. 2,829,533.
Carlson, Chester F. 2,830,114.
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Carlson, Chester F. 2,862,472.
Kura, John G. 2,854,715.
Miller, Paul D., and Jefferys. 2,864,732.
Mitchell, Ralph I. 2,862,589.
- Battelle Memorial Institute: *See*—
Williams, David T. 2,832,078.
- Batten, Dallas L. Aircraft track and pallet loading system and apparatus. 2,858,774, 11-4-58, Cl. 105-366.
- Batten, Frederick J. R.: *See*—
Leslie, Philip, Batten, and Smith. 2,847,992.
- Battenberg, Ernst, and H. Haas, to Zellstofffabrik Waldhof. Process for the preparation of semi-cellulose. 2,851,355, 9-9-58, Cl. 92-11.
- Battenfeld Grease & Oil Corp.: *See*—
Hosler, Wallace R. 2,855,130.
- Battersby, James E., to Scott, Masson & Co. Ltd. Sheet cutting and laying machines or apparatus. 2,843,377, 7-15-58, Cl. 271-76.
- Batley, Alfred P., deceased, by L. V. Battey, executrix, to R. W. Crabtree & Sons Ltd. Detector mechanism. 2,827,293, 3-18-58, Cl. 271-56.
- Batley, Everett M., to Infilco Inc. Filter. 2,834,473, 5-13-58, Cl. 210-333.
- Batley, Lillian V.: *See*—
Battey, Alfred P. 2,827,293.
- Battista, Orlando A., and G. G. Whytlaw, to American Viscose Corp. Wrapper for wound filamentary packages. 2,862,614, 12-2-58, Cl. 206-64.
- Battista, Orlando A., and G. G. Whytlaw, to American Viscose Corp. Shrinkable wrappers for annular thread packages. 2,862,615, 12-2-58, Cl. 206-64.
- Battiste, Donald A. Process of preparing an in-can baked canned cake product. 2,845,356, 7-29-58, Cl. 99-172.
- Battiste, Donald A. Method of preparing an in-can baked rye bread and the resultant product. 2,858,220, 10-28-58, Cl. 99-90.
- Batkie, Willi, to F. Ritter & Sohn. Lemon slice squeezer. 2,829,588, 4-8-58, Cl. 100-234.
- Battle, Jack L., to Esso Research and Engineering Co. Protecting well casing. 2,832,414, 4-29-58, Cl. 166-1.
- Battle Creek Packaging Machines, Inc.: *See*—
Willbrandt, Franklin M. 2,860,847.
- Batton, Richard H. Rotary disc type electrically driven lawn trimmer or edger. 2,833,101, 5-6-58, Cl. 56-25.4.
- Batts, Carl T. Adjustable solenoid casings and clamps therefor. 2,832,495, 4-29-58, Cl. 220-3.7.
- Batts, Harvey J.: *See*—
Peterson, Lester C., and Batts. 2,825,882.
- Batts, John H., to John Thomas Batts, Inc. Garment holder with high friction surface. 2,866,583, 12-30-58, Cl. 223-88.
- Batts, John Thomas, Inc.: *See*—
Batts, John H. 2,866,583.
- Batts, Willard E. Game device. 2,863,667, 12-9-58, Cl. 273-125.
- Battstone, Daniel: *See*—
Chase, John A., Pilas, Wolke, and Battstone. 2,842,832.
- Batutis, Edward F., and S. L. Walters, to United States of America. Apparatus for removing dissolved impurities from liquid alkali metals. 2,866,702, 12-30-58, Cl. 75-66.

- Batzdorff, Alfred, to Rohm & Haas Co. Chalkboard having curved writing surface. 2,838,853, 6-17-58, Cl. 35-63.
- Bau, Robert G. Eye make-up kit. 2,829,655, 4-8-58, Cl. 132-85.
- Bauder, Josef, W. Bohne, and R. Stabenau, to Siemens & Halske Aktiengesellschaft. Drive control for type-bars of teleprinter machines or the like. 2,825,440, 3-4-58, Cl. 197-17.
- Bauder, Ulrich, and M. Hornsteiner, to Firma Fr. Hesser, Maschinenfabrik-Akt. Apparatus for manufacturing heat-sealed flat bags and for pulling such bags over mandrels of square section. 2,834,899, 10-7-58, Cl. 93-8.
- Baudry, René A., to Westinghouse Electric Corp. Locking-keys for turbine-generator retaining rings. 2,836,445, 5-27-58, Cl. 287-52.
- Baudry, René A., and P. R. Heller, to Westinghouse Electric Corp. Conductor-ventilated generators. 2,828,428, 3-25-58, Cl. 310-64.
- Bauer, Albert W., and E. Csendes, to E. I. du Pont de Nemours and Co. Metallized disazo dyes. 2,842,536, 7-8-58, Cl. 260-148.
- Bauer, Alfons. Device for indicating and recording the distance and speed of travel of motor vehicles. 2,864,603, 12-16-58, Cl. 264-1.
- Bauer, Alfred F., and C. Pack, to National Lead Co. Mold for the casting of non-ferrous alloys. 2,843,897, 7-22-58, Cl. 22-129.
- Bauer, Anton, to North American Philips Co., Inc. Magnetic motor. 2,861,204, 11-18-58, Cl. 310-46.
- Bauer, Arthur G. Locking device for outlet box. 2,824,167, 2-18-58, Cl. 174-63.
- Bauer, Arthur W. Disc brake. 2,866,525, 12-30-58, Cl. 188-72.
- Bauer Bros. Co., The: See—
Eberhardt, Lee E., and Woodruff. 2,864,562.
Woodruff, Maurice D. 2,822,089.
- Bauer, Donald A. Air conditioning device with reheat means. 2,844,946, 7-29-58, Cl. 62-173.
- Bauer, Donald J. Support bracket for cover board. 2,829,580, 4-8-58, Cl. 97-211.
- Bauer, Donald J. Attachment for milking machine. 2,853,051, 9-23-58, Cl. 119-1445.
- Bauer, Eduard, to The Cincinnati Milling Machine Co. Gauging device. 2,850,805, 9-9-58, Cl. 33-147.
- Bauer, Eugen, G. m. b. H.: See—
Reinsch, Herbert. 2,828,647.
- Bauer, Eugene C., Jr., to Poor & Co. Tractor rail and grouser plate assembly. 2,823,080, 2-11-58, Cl. 305-10.
- Bauer, Eugene C., Jr., to Poor & Co. Tread unit tractor rails. 2,823,082, 2-11-58, Cl. 305-10.
- Bauer, Franz, to B. Naimer. Arresting mechanisms for use with switches. 2,831,368, 4-22-58, Cl. 74-527.
- Bauer, Franz, to Jean Gachot. Device for the moulding of plastic materials. 2,851,725, 9-16-58, Cl. 18-5.
- Bauer, Franz, and H. Naimer; said Bauer assor. to said Naimer. Electromechanical control device. 2,846,634, 8-5-58, Cl. 318-467.
- Bauer, Frederick W.: See—
Payne, Hugh F., and Bauer. 2,845,907.
- Bauer, Friedrich: See—
Jenson, Heinrich, Lowe, and Bauer. 2,851,495.
- Bauer, George, L. B. De Long, G. E. Suderow, and R. N. Showalter, to De Long Corp. Method of operating marine structures. 2,861,430, 11-25-58, Cl. 61-465.
- Bauer, George C. Combination vaporizing lamp and night light. 2,824,208, 2-18-58, Cl. 219-45.
- Bauer, George W.: See—
Busch, Lee S., Bauer, and Moorhead. 2,864,697.
- Bauer, Gerald F. Well adapter. 2,859,823, 11-11-58, Cl. 166-88.
- Bauer, Gregory A.: See—
Braaten, Willard C., Debus, and Bauer. 2,858,329.
- Bauer, Hans, J. Heckmaier, and H. Reinecke, to Wacker-Chemie G. m. b. H. After treatment of a polyvinyl chloride polymerizate containing hydrophilic colloid. 2,835,643, 5-20-58, Cl. 260-45.5.
- Bauer, Heinz, H. Eul, and H. Günther. Push-in type lamp holder. 2,835,878, 5-20-58, Cl. 339-72.
- Bauer, Howard G.: See—
Osborne, Fred H., and Bauer. 2,844,983.
Osborne, Fred H., and Bauer. 2,846,916.
- Bauer, Joseph. Router door latch and strike plate templet set. 2,832,154, 4-29-58, Cl. 33-197.
- Bauer, Karl. Rotary, wobble plate type pump or motor. 2,862,456, 12-2-58, Cl. 103-162.
- Bauer, Kurt: See—
Urbanek, Ernst, and Bauer. 2,858,585.
- Bauer, Leo H. Moisture testing apparatus for lumber dry kiln. 2,821,682, 1-28-58, Cl. 324-65.
- Bauer Mfg. Co.: See—
Arnold, Harold G. 2,855,134.
- Bauer, Matthew F. Double sealed compression fitting. 2,850,303, 9-2-58, Cl. 285-341.
- Bauer, Paul C.: See—
Allison, Byron L., and Bauer. 2,857,766.
- Bauer, Ralph F., and K. M. McLellan, to Industrial Rayon Corp. Method and apparatus for incorporating coloring matter in spinning solutions. 2,837,102, 6-3-58, Cl. 137-7.
- Bauer, Robert: See—
Baermann, Max. 2,858,021.
- Bauer, Robert D.: See—
Gilmore, Forrest E., and Bauer. 2,849,886.
- Bauer, Robert E.: See—
Mancuso, Joseph P., and Maffett. 2,860,549.
- Bauer, Rudolf E. Dry battery assembly. 2,836,642, 5-27-58, Cl. 136-90.
- Bauer, Russell E. Lock valve. 2,837,106, 6-3-58, Cl. 137-106.
- Bauer, Wilhelm. Method of blocking the ways of dams in mines. 2,835,330, 5-20-58, Cl. 169-1.
- Bauer, Wilhelm. Installation for spraying foam materials. 2,860,856, 11-18-58, Cl. 259-4.
- Bauer, William E., to Minneapolis-Honeywell Regulator Co. Liquid level responsive apparatus. 2,834,217, 5-13-58, Cl. 74-18.
- Bauer, William H., to G. & W. H. Corson, Inc. Method of making ceramic product and moldable mix therefor. 2,833,659, 5-6-58, Cl. 106-71.
- Bauerle, Kurt. Dry shaver with reciprocating circular bevelled blades. 2,837,819, 6-10-58, Cl. 30-42.
- Bauerlein, Carl C., to The Dole Valve Co. Concentrate dispenser. 2,823,833, 2-18-58, Cl. 222-129.2.
- Bauerlein, Carl C., and J. C. Janquart, to The Dole Valve Co. Fluid metering device. 2,864,536, 12-16-58, Cl. 222-54.
- Bauernfeind, Jacob C., and R. H. Bunnell, to Hoffmann-La Roche Inc. Water dispersible carotenoid compositions and process of making the same. 2,861,891, 11-25-58, Cl. 99-148.
- Bauersfeld, Walther and H. Sonnenberger, to C. Zeiss. Projection stage for automatic rectification instruments. 2,831,392, 4-22-58, Cl. 88-24.
- Baugh and Sons Co.: See—
Barrett, Elliott P. 2,831,818.
- Baughman, James L., and V. N. Garrett. Brake pedal actuated auxiliary decelerator for internal combustion engines. 2,862,587, 12-2-58, Cl. 192-3.
- Baughman, Richard A.: See—
West, Donald J., and Baughman. 2,860,078.
West, Donald J., and Baughman. 2,860,079.
- Baukema, Richard: See—
Kiebler, Myron W., Jr., Baukema, and Zier. 2,820,711.
- Baule, Werner G., to Borg-Warner Corp. Braking system. 2,846,901, 8-12-58, Cl. 74-732.
- Baum, Alvan, to Fruit Industries Research Foundation. Carton loader. 2,827,082, 3-18-58, Cl. 141-154.
- Baum, David. Method for positioning a sewing machine needle. 2,857,868, 10-28-58, Cl. 112-227.
- Baum, Kurt. Briquetting of coke by direct heating. 2,825,679, 3-4-58, Cl. 202-26.
- Baum, Leo: See—
Roger, Albert J., and Baum. 2,856,923.
- Baum, Richard V., to Goodyear Aircraft Corp. Electrical simulator for mechanical lost-motion and the like. 2,844,311, 7-22-58, Cl. 235-61.
- Baum, Russell Ernest, Inc.: See—
Olson, Edwin. 2,847,209.
- Bauman, Clarence A., and S. Bruns. Electric fence support. 2,850,561, 9-2-58, Cl. 174-161.
- Bauman, Edward, to Motorola, Inc. Frequency selective system. 2,834,879, 5-13-58, Cl. 250-27.
- Bauman, Fritz: See—
Bien, Hans-Samuel, and Bauman. 2,846,434.
- Bauman, Hubert F., to American Machine & Foundry Co. Deferred action battery. 2,824,164, 2-18-58, Cl. 136-90.
- Bauman, Richard G., and H. P. Brown, to The B. F. Goodrich Co. Insoluble, acid and alkali-resistant carboxylic polymers. 2,858,281, 10-28-58, Cl. 260-2.2.
- Bauman, William C., H. H. Roth, and H. B. Smith, to The Dow Chemical Co. Preparation of water-soluble sulfonation products of polymeric ar-vinyltoluenes. 2,821,522, 1-28-58, Cl. 260-79.3.
- Bauman, William C., and H. H. Roth, to The Dow Chemical Co. Production of water-soluble aromatic resin sulfonates by sulfonating with SO₃ in liquid SO₂. 2,835,655, 5-20-58, Cl. 260-78.5.
- Baumann, Billy F., to Royal Jet, Inc. Liquid container, and joints incorporated therein. 2,829,793, 4-8-58, Cl. 220-5.
- Baumann, Billy F., to Royal Jet, Inc. Method and apparatus for sealingly joining fuel tank sections, and fuel tanks formed thereby. 2,832,503, 4-29-58, Cl. 220-80.
- Baumann, Ernst. Transportable domestic sudatorium. 2,846,692, 8-12-58, Cl. 4-160.
- Baumann, Ernst. Transportable home sudatorium. 2,858,547, 11-4-58, Cl. 4-160.
- Baumann, Frank J., and J. M. Bloomfield, to Industrial Rayon Corp. Stop motion. 2,837,291, 6-3-58, Cl. 242-37.
- Baumann, Friedrich: See—
Neunzig, Heinrich, Baumann, and Helling. 2,847,286.
- Baumann, Fritz: See—
Bienert, Berthold, and Baumann. 2,863,875.
Bienert, Berthold, Baumann, and Groll. 2,843,599.
Bienert, Berthold, Baumann, and Vollmann. 2,824,109.
- Baumann, Fritz, to Farbenfabriken Bayer Akt. Process for the production of 4-amino-5'-bromoanthraquinone-2,1-(N)-1',2'-(N)-benzene-acridone. 2,836,596, 5-27-58, Cl. 260-277.
- Baumann, Hans, to Badische Anilin- & Soda-Fabrik Akt. Polyazo dyestuffs. 2,835,660, 5-20-58, Cl. 260-144.
- Baumann, Manfred, to A. G. Bauwerk. Machine for assembling mosaic parquet blocks. 2,828,794, 4-1-58, Cl. 154-1.6.

- Baumann, Martin A.: *See—*
Wahli, Werner, and Baumann. 2,866,630.
- Baumann, Robert C., to United States of America, Navy. Satellite structure. 2,835,548, 5-20-58, Cl. 312-352.
- Baumbach, Gerhard G.: *See—*
Armitage, Joseph B., Wetzel, Baumbach, and Zankl. 2,843,024.
- Baumbach, Harlan L., W. Enkelmann, and L. Wargo, to Unicorn Engineering Corp. Processing machine for sensitized paper and the like. 2,861,508, 11-25-58, Cl. 95-94.
- Baumberger, Fritz: *See—*
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- Baumchen, Joseph. Hanger for bubble lights. 2,842,879, 7-15-58, Cl. 40-106.21.
- Baume, Frank J. Vehicle parking building. 2,824,654, 2-25-58, Cl. 214-16.1.
- Baumeister, Heard K., to International Business Machines Corp. Axial and radial thrust bearing. 2,854,298, 9-30-58, Cl. 308-172.
- Baumeister, Heard K., to International Business Machines Corp. Recording support devices. 2,862,781, 12-2-58, Cl. 346-74.
- Baumer, Nelson G., J. Harper, and G. D. Hiatt, to Eastman Kodak Co. Plasticizers for cellulose. 2,819,979, 1-14-58, Cl. 106-186.
- Baumer, Paul: *See—*
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- Baumgardner, William C., to the United States of America as represented by the Secretary of the Army. Folding chair. 2,824,600, 2-25-58, Cl. 155-147.
- Baumgart, Herbert P. Display sign mounting for telescoping cart. 2,845,729, 8-5-58, Cl. 40-10.
- Baumgarten, Werner, and R. F. Johnson, to Merck & Co., Inc. Pancreatic desoxyribonuclease penicillin composition and process of preparation. 2,834,710, 5-13-58, Cl. 167-65.
- Baumgarten, Wilhelm A., and R. F. Little, to American Enka Corp. Starting wheel for twister. 2,855,748, 10-14-58, Cl. 57-34.
- Baumgartner, Hans, and G. Bohnenblust, to Schweizerische Lokomotiv- und Maschinenfabrik. Piezoelectric pressure indicator. 2,846,496, 8-5-58, Cl. 174-50.56.
- Baumgartner, Herman J., and C. M. Gable, to Shell Development Co. Resolution of mixtures of hydrogen iodide, water and iodine. 2,833,700, 5-6-58, Cl. 202-40.
- Baumgartner, John J. Carburetor. 2,827,890, 3-25-58, Cl. 123-119.
- Baumgartner, Josef, to Enger-Kress Co. Billfolds. 2,851,077, 9-9-58, Cl. 150-38.
- Baumgartner, Marshall G. Container for liquid soap, detergents, and the like. 2,832,517, 4-29-58, Cl. 222-545.
- Baumgartner, William H., to Burroughs Corp. Fault indicator device for power supply system. 2,839,743, 6-17-58, Cl. 340-253.
- Baumgartner, William H., and R. C. Weise, to Burroughs Corp. Protective circuit. 2,839,709, 6-17-58, Cl. 317-9.
- Baumheckel, William M. Speed change warning system. 2,824,921, 2-25-58, Cl. 200-86.5.
- Baumlein, Wilhelm H. G., to Schoeller & Hoesch. Recording paper for spark recorders. 2,833,677, 5-6-58, Cl. 117-217.
- Baumstark, Leopold. Poultry cage having an automatic egg counting mechanism. 2,827,875, 3-25-58, Cl. 119-48.
- Baunach, August J.: *See—*
Frank, Arthur O., and Baunach. 2,847,845.
- Baur, Carl, and C. Otzen, to Firma Agfa Camera-Werk Aktiengesellschaft. Telephoto objective. 2,819,651, 1-14-58, Cl. 88-57.
- Baur, Carl, and C. Otzen, to Firma Agfa Camera-Werk Aktiengesellschaft. Telephoto objective. 2,819,652, 1-14-58, Cl. 88-57.
- Baur, Carl, and C. Otzen, to Agfa Camera-Werk Aktiengesellschaft. Telephoto lens. 2,824,492, 2-25-58, Cl. 88-57.
- Baur, Franz W., to Firma Contraves A. G. Support structure for sensitive instruments. 2,825,517, 3-4-58, Cl. 248-158.
- Baur, John W.: *See—*
Rice, James H., and Baur. 2,827,919.
- Baur, John W., to Binks Mfg. Co. Spray guns. 2,827,330, 3-18-58, Cl. 299-87.
- Baur, Kenneth R., and D. G. C. Hare, to United States of America, Navy. Dual pinch roll assembly. 2,858,130, 10-28-58, Cl. 271-2.3.
- Baur, Otto: *See—*
Seifert, Richard, and Baur. 2,838,038.
- Bausch & Lomb Optical Co.: *See—*
Foster, Leon V. 2,818,765.
- Gay, Fred G., Jr., and Parker. 2,840,821.
- Gruner, Heinz E. R., and Schwarzbach. 2,866,382.
- Hayes, John D., and Hudson. 2,818,776.
- Hudson, Lena M., and Hayes. 2,818,777.
- McCulloch, Donald J. 2,866,539.
- Stegeman, Raymond F. E. 2,832,261.
- Stegeman, Raymond F. E. 2,841,051.
- Stegeman, Raymond F. E. 2,850,151.
- Turner, Arthur F., and Truby. 2,858,240.
- Bauscher, John A., Jr., B. J. Kelly, and J. W. Stewart, to United States Steel Corp. Low-alloy high-strength steel. 2,845,345, 7-29-58, Cl. 75-126.
- Bautz, John: *See—*
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- Bauwerk, A. G.: *See—*
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- Baver, Clyde B., to The Babcock & Wilcox Co. Fluid heating apparatus. 2,832,571, 4-29-58, Cl. 257-241.
- Bavin, George D.: *See—*
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- Bavley, Abraham, M. Harfenist, and W. M. McLamore, to Chas. Pfizer & Co., Inc. Process of inducing hypnosis by unsaturated tertiary carbinols. 2,824,041, 2-18-58, Cl. 167-52.
- Bavley, Abraham, and D. P. Cameron, to Chas. Pfizer & Co., Inc. Pesticides. 2,865,802, 12-23-58, Cl. 167-22.
- Bavley, Abraham, and D. P. Cameron, to Chas. Pfizer & Co., Inc. Pesticides. 2,865,804, 12-23-58, Cl. 167-30.
- Bavley, Abraham, W. M. McLamore, and M. Harfenist, to Chas. Pfizer & Co., Inc. Tertiary vinyl ethynyl carbinols and process of preparation. 2,865,967, 12-23-58, Cl. 260-632.
- Baxa, James F., to Wheeling Steel Corp. Method of forming a boiler head or the like. 2,859,510, 11-11-58, Cl. 29-157.4.
- Baxendale, Ralph W., to Eastman Kodak Co. Alkalies for single powder photographic developers. 2,843,484, 7-15-58, Cl. 96-66.
- Baxendale, Ralph W., to Eastman Kodak Co. Alkali hydroxides for use in single-powder photographic developers. 2,846,308, 8-5-58, Cl. 96-66.
- Baxendell, Thomas E. Lifting and transporting apparatus. 2,823,010, 2-11-58, Cl. 254-2.
- Baxter, Alexander S.: *See—*
Alexander, Paul, Baxter, and Boston. 2,822,301.
- Alexander, Paul, Baxter, and Boston. 2,860,075.
- Baxter, Don, Inc.: *See—*
Gossett, Fred C., and Hamilton. 2,856,929.
- Smith, Richard C. 2,844,351.
- Baxter, Donald L., to Reliable Electric Co. Power contact protector. 2,852,714, 9-16-58, Cl. 313-243.
- Baxter, Gene F., and D. V. Redfern, to American-Marietta Co. Adhesive, Resin and Chemical Division. Preparation of intercondensation product of monohydric phenol-furfural resin and formaldehyde, and utilization thereof in the production of plywood. 2,861,977, 11-25-58, Cl. 260-56.
- Baxter, George C., to Hopkins Mfg. Corp. Pumping apparatus for boats. 2,834,312, 5-13-58, Cl. 114-185.
- Baxter, Homer D., Jr. Device for locking a rotatable element in different positions of rotation thereof. 2,825,426, 3-4-58, Cl. 188-69.
- Baxter, Joseph, Jr., to The Black-Clawson Co. Paper machinery. 2,830,503, 4-15-58, Cl. 92-66.
- Baxter, Joseph, Jr., to The Black-Clawson Co. Moveable table and suction box structure for Fourdrinier machine. 2,833,184, 5-6-58, Cl. 92-44.
- Baxter, Joseph, Jr., to The Black-Clawson Co. Paper machinery. 2,837,977, 6-10-58, Cl. 92-27.
- Baxter Laboratories, Inc.: *See—*
Broman, Cyrus R. 2,825,333.
- Gewecke, Theodore H. 2,862,495.
- Gewecke, Theodore H. 2,863,453.
- Gewecke, Theodore H., Broman, and Kompelien. 2,855,131.
- Neset, Maurice M., and Gewecke. 2,825,521.
- Treptow, Charles W. 2,855,173.
- Woods, Marion C., and Steigman. 2,858,320.
- Baxter, Meriwether L., Jr., to The Gleason Works. Method and machine for making curved tooth gears. 2,839,873, 6-24-58, Cl. 51-33.
- Baxter, Meriwether L., Jr., and L. O. Carlsen, to The Gleason Works. Generator for cylindrical and tapered gears and method of generation. 2,824,498, 2-25-58, Cl. 90-3.
- Baxter, Robert A.: *See—*
Smith, William A., Mattson, Meyer, and Baxter. 2,846,068.
- Baxter, Thomas R., to Continental Can Co., Inc. Method of producing glass surfaced low pressure laminates. 2,837,457, 6-3-58, Cl. 154-95.
- Baxter, Thomas R. Single-use disposable vaginal syringe. 2,850,015, 9-2-58, Cl. 128-227.
- Baxter, Warren N., to E. I. du Pont de Nemours and Co. Phenylalkene hydrocarbon polymers. 2,842,531, 7-8-58, Cl. 260-93.5.
- Baxter, Warren N., to E. I. du Pont de Nemours and Co. Chlorination of polypropylene. 2,849,431, 8-26-58, Cl. 260-93.7.
- Baxter, Warren N., I. M. Robinson, and L. H. Rombach, to E. I. du Pont de Nemours and Co. Novel hydrocarbon polymers. 2,850,488, 9-2-58, Cl. 260-88.1.
- Bay, Kenneth K.: *See—*
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- Bayard, Jere: *See—*
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- Bayer, A. J., Co.: *See—*
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- Bayer, Carl: *See—*
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- Bayer, Frank C., to Thompson Products, Inc. Self-centering piston. 2,833,602, 5-6-58, Cl. 309-5.
- Bayer, Frank C., to Thompson Products, Inc. Combined metering valve and flow distributor. 2,845,939, 8-5-58, Cl. 137-118.

- Bayer, Frank C., to Thompson Products, Inc. Throttle valve assembly. 2,848,186, 8-19-58, Cl. 251-58.
- Bayer, Oldrich: *See*—
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- Bayer, Otto: *See*—
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Bünge, Wilhelm, and Bayer. 2,855,421.
Holtzschmidt, Hans, Bayer, Nischk, and Müller. 2,862,972.
Kleiner, Helmut, Bayer, and Wilms. 2,846,406.
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Müller, Karl E., and Bayer. 2,830,978.
Müller, Karl E., Bayer, and Petersen. 2,861,972.
Nischk, Günther, Müller, and Bayer. 2,824,821.
Seibert, Heinrich, Bünge, and Bayer. 2,853,397.
Wilms, Hugo, Bayer, Bünge, and Bruns. 2,839,478.
- Bayha, Jack E., to Emerson Radio and Phonograph Corp. Variable capacitors. 2,855,550, 10-7-58, Cl. 317-249.
- Bayha, Jack E., and F. J. Burger, to Emerson Radio and Phonograph Corp. Means for testing electronic circuit components. 2,844,250, 7-22-58, Cl. 209-81.
- Bayko, Steve. Automobile steering wheel. 2,818,749, 1-7-58, Cl. 74-552.
- Baylerian, Marguerite S.: *See*—
Irish, Glenn E., and Baylerian. 2,866,811.
- Bayless, Charles R., to Gulf Oil Corp. Interface locator. 2,843,823, 7-15-58, Cl. 324-30.
- Bayless, Charles R., deceased (by D. M. B. Bayless, executrix), J. W. Daughtrey, and M. L. Robertson, to Gulf Oil Corp. Liquid storage. 2,860,655, 11-18-58, Cl. 137-122.
- Bayless, Daisey M. B.: *See*—
Bayless, Charles R., Daughtrey, and Robertson. 2,860,655.
- Bayless, James W., to Capitol Records, Inc. Record and method of making the same. 2,839,306, 6-17-58, Cl. 274-42.
- Bayley, Charles A. D. Subaqueous structures for supporting a working platform above water. 2,862,738, 12-2-58, Cl. 287-58.
- Bayley, George R., to General Motors Corp. Control mechanism. 2,865,220, 12-23-58, Cl. 74-471.
- Baylon, Charles A. Wall-mounted information display panel structure. 2,825,152, 3-4-58, Cl. 35-63.
- Bayon, Patrice M. Adjustable crossing piece for flexible bands. 2,835,010, 5-20-58, Cl. 24-74.
- Bay West Paper Co.: *See*—
Engel, John B., and Plettner. 2,839,345.
- Bayze, Thomas F. Air crash signal device. 2,831,967, 4-22-58, Cl. 250-17.
- Bazalgette, Guy. Manufacture of storage battery plates. 2,835,719, 5-20-58, Cl. 136-27.
- Bazter, Joseph, J., and S. A. Staeger, to the Black-Clawson Co. Variable speed power transmission for paper machinery. 2,835,144, 5-20-58, Cl. 74-67.5.
- Bazzell, Charly S. Trench tunnel. 2,866,320, 12-30-58, Cl. 61-41.
- Bazzurri, Louis A. Pocket insert. 2,839,758, 6-24-58, Cl. 2-279.
- Beace Products Corp.: *See*—
Frick, Harold L. 2,822,629.
Frick, Harold L. 2,832,159.
- Beach, Clarence E. Traffic signal controllers. 2,820,955, 1-21-58, Cl. 340-35.
- Beach, David E.: *See*—
Lareau, Norman N., and Beach. 2,838,984.
- Beach, Earl F., to Westinghouse Electric Corp. Circuit interrupting device. 2,866,044, 12-23-58, Cl. 200-146.
- Beach, Earle J., and J. T. Kunz, to Schulmerich Electronics, Inc. Instruments. 2,841,044, 7-1-58, Cl. 84-423.
- Beach Engineering, Inc.: *See*—
Holm, Albert E. 2,833,141.
- Beach, Eric P., and G. Lockley, to Vickers-Armstrongs (Engineers) Ltd. Three-roll mill and mechanism for adjusting the intermediate roll. 2,854,196, 9-30-58, Cl. 214-111.
- Beach, Eugene H. Shock proof switch for clock delay mechanism. 2,826,991, 3-18-58, Cl. 102-16.
- Beach, Frederick H., and W. E. Albert, Jr. Device for recovering fuses. 2,834,293, 5-13-58, Cl. 102-89.
- Beach, Horace J., W. C. Goins, Jr., and W. F. Rogers, to Gulf Oil Corp. Thinning agent for drilling fluid. 2,845,389, 7-29-58, Cl. 252-8.5.
- Beach, James B.: *See*—
Alberti, Nicholas, and Beach. 2,826,379.
- Beach, James B., to Lockheed Aircraft Corp. Bearing retainer. 2,829,930, 4-8-58, Cl. 308-4.
- Beach, John G., to the United States of America as represented by the United States Atomic Energy Commission. Process of coating metals with bismuth or bismuth-base alloys. 2,821,505, 1-28-58, Cl. 204-37.
- Beach, John M.: *See*—
Bradbury, James W. 2,825,552.
- Beach, Justice H., to The Hoover Co. Steam irons. 2,832,160, 4-29-58, Cl. 38-77.
- Beach, Leland K., and R. Drogin, to Esso Research and Engineering Co. Synthesis of organic phosphorus compounds. 2,863,900, 12-9-58, Cl. 260-461.
- Beach, Lennox F., to Sperry Rand Corp. Combination electric motor and gyroscopic structures. 2,857,534, 10-21-58, Cl. 310-74.
- Beach, Robert E.: *See*—
Evans, Thomas, Cleveland, and Beach. 2,839,980.
- Beach, Robin, and N. S. Hare. Cotton picking unit with electrostatically charged spindles. 2,837,886, 6-10-58, Cl. 56-42.
- Beach, Theodore L., Jr. Mirror. 2,851,926, 9-16-58, Cl. 88-98.
- Beach, Theodore L., Jr. Corn popping apparatus. 2,851,940, 9-16-58, Cl. 99-238.
- Beach, Theodore L., Jr. Vending building structure. 2,862,252, 12-2-58, Cl. 20-1.6.
- Beach, William H., to The Bridgeport Metal Goods Mfg. Co. Double lens system for securing either spot or flood effects. 2,848,601, 8-19-58, Cl. 240-106.1.
- Beach, William I., to North American Aviation, Inc. Post-forming process. 2,854,373, 9-30-58, Cl. 154-110.
- Beacham, Harry H., and D. F. Herman, to National Lead Co. Titanium and zirconium organic compounds. 2,824,115, 2-18-58, Cl. 260-429.5.
- Beacham, Harry H., and K. M. Merz, to National Lead Co. Titanium ester complexes. 2,850,512, 9-2-58, Cl. 260-429.5.
- Beacham, Robert C., to Cutter Laboratories. Segregation chamber for transfusion sets. 2,844,147, 7-22-58, Cl. 128-214.
- Beacham, Robert C., W. F. Butler, and W. H. Corcoran, to Cutter Laboratories. Flexible container with integral flow control. 2,853,069, 9-23-58, Cl. 128-214.
- Beachler, Edward D., to Beloit Iron Works. Guide palm oscillating device. 2,819,655, 1-14-58, Cl. 92-45.
- Beachler, Edward D., to Beloit Iron Works. Dryer felt arrangement. 2,823,466, 2-18-58, Cl. 34-117.
- Beachler, Edward D., to Beloit Iron Works. Paper marking machine drive and control means therefor. 2,847,912, 8-19-58, Cl. 92-38.
- Beachler, Edward D., to Beloit Iron Works. Cylinder paper machine assembly. 2,856,825, 10-21-58, Cl. 92-43.
- Beachley, Robert W., to Lektro-Thermal Corp. Splice for electrical wiring. 2,862,041, 11-25-58, Cl. 174-84.
- Beachy, John M.: *See*—
Self, James M. 2,858,133.
- Beacom, Robert: *See*—
Drissner, Alfred E., and Beacom. 2,859,042.
- Beacon Production Equipment Corp.: *See*—
Fenton, Frank W., and Bock. 2,858,043.
- Bead Chain Mfg. Co., The: *See*—
Bahr, Gustave F. 2,849,776.
Bahr, Gustave F. 2,856,752.
Bahr, Gustave F. 2,857,454.
- Beadell, Donald A., to General Aniline & Film Corp. Making addition polymers and copolymers with phosphorus compound emulsifier. 2,853,471, 9-23-58, Cl. 260-63.
- Beadle, Nellie M. Hem gage. 2,855,674, 10-14-58, Cl. 33-2.
- Beadie, Robert H., to Fairbanks, Morse & Co. Fuel regulating means for gas engines. 2,863,436, 12-9-58, Cl. 123-120.
- Beagan, Frank J., Jr.: *See*—
Lovelock, John F., and Beagan. 2,861,848.
- Beakley, John W., and W. W. Dean. Method and apparatus for sterilizer tests and control. 2,854,384, 9-30-58, Cl. 195-54.
- Beal, Frederick D., to American Radiator & Standard Sanitary Corp. Mechanism controller. 2,855,795, 10-14-58, Cl. 74-483.
- Beal, Harold J.: *See*—
Purcell, Joseph A., and Beal. 2,845,546.
- Beal, Philip F.: *See*—
Hogg, John A., Beal, and Lincoln. 2,844,604.
- Beal, Philip F., to The Upjohn Co. Steroid production. 2,842,542, 7-8-58, Cl. 260-239.55.
- Beal, Philip F., J. A. Hogg, and R. W. Jackson, to The Upjohn Co. 6-fluoro steroids and process. 2,838,502, 6-10-58, Cl. 260-239.55.
- Beal, Philip F., III: *See*—
Hogg, John A., Beal, Nathan, and Lincoln. 2,862,010.
Hogg, John A., Beal, Nathan, and Lincoln. 2,862,011.
- Beal, Philip F., III, to The Upjohn Co. 2-methylene 3-keto Δ^4 steroidal compounds and process to make the same. 2,847,430, 8-12-58, Cl. 260-397.45.
- Beal, Reginald V., and L. H. Bishop, to The Associated Portland Cement Manufacturers Ltd. Manufacture of Portland cement, lime and the like. 2,863,654, 12-9-58, Cl. 263-32.
- Beal, Robert C.: *See*—
Rogers, Ernest W., and Beal. 2,863,498.
- Beale, Evelyn S. L., to Alan Muntz & Co. Ltd. Radial flow exhaust turbines for use with diesel engines. 2,851,245, 9-9-58, Cl. 253-40.
- Beale, Evelyn S. L., and B. C. Lovatt, to Alan Muntz & Co. Ltd. Free-piston gas-generators. 2,830,565, 4-15-58, Cl. 123-46.
- Beale, Frederic S.: *See*—
Halvorsen, Robert L., and Beale. 2,862,056.
- Beale, Julian R. A., to North American Philips Co., Inc. Semi-conductor diode. 2,849,664, 8-26-58, Cl. 317-234.
- Beall, Charles R., to West Point Mfg. Co. Filling feeler for quill change motion. 2,829,678, 4-8-58, Cl. 139-273.
- Beall, Desmond, and G. A. Grant, to American Home Products Corp. Urinary estrogen compositions and methods for preparing them. 2,834,712, 5-13-58, Cl. 167-74.5.

- Beall, Richard W., Jr. Self venting dispensing spout. 2,841,313, 7-1-58, Cl. 222-479.
- Beam Chemical Co.: *See—*
- Becker, Marion A. 2,821,988.
- Beam, Ralph M., to General Motors Corp. Apparatus for bonding strip material. 2,827,809, 3-25-58, Cl. 78-97.
- Beaman, Norman V., to The J. H. Day Co., Inc. Sanitary stuffing box. 2,837,356, 6-3-58, Cl. 286-7.
- Beaman Plastics: *See—*
- Lee, Ramon C. 2,824,350.
- Beaman, Ralph G., to E. I. du Pont de Nemours and Co. Shaped articles containing a blend of a high melting condensation polymer and a polymer of bis(2-chloroethyl) vinylphosphonate. 2,854,434, 9-30-58, Cl. 260-45.4.
- Bean, Arthur L., to The Fellows Gear Shaper Co. Gear measuring instrument. 2,821,025, 1-28-58, Cl. 33-179.5.
- Bean, Claude T.: *See—*
- Robitschek, Paul, and Bean. 2,863,794.
- Robitschek, Paul, and Bean. 2,863,795.
- Robitschek, Paul, and Bean. 2,863,848.
- Bean, Morris, & Co.: *See—*
- Bean, Morris M. 2,846,726.
- Bean, Morris M. 2,847,195.
- Bean, Morris M. and X. L. 2,839,802.
- Bean, Xarifa L. 2,836,867.
- Bean, Xarifa L. 2,858,589.
- Wagner, Paul W. 2,846,742.
- Bean, Morris M., to Morris Bean and Co. Method and apparatus for mixing. 2,846,726, 8-12-58, Cl. 18-47.5.
- Bean, Morris M., to Morris Bean and Co. Apparatus for mixing. 2,847,195, 8-12-58, Cl. 259-5.
- Bean, Morris M. and X. L., to Morris Bean & Co. Method of casting metal. 2,839,802, 6-24-58, Cl. 22-209.
- Bean, Theodore S. Ballast tamper. 2,821,935, 2-4-58, Cl. 104-12.
- Bean, Xarifa L.: *See—*
- Bean, Morris M. and X. L. 2,839,802.
- Bean, Xarifa L., to Bean, Morris, & Co. Process of making mold. 2,836,867, 6-3-58, Cl. 22-193.
- Bean, Xarifa L., to Morris Bean & Co. Ductile iron castings and methods of making same. 2,858,589, 11-4-58, Cl. 22-216.5.
- Bear Archery Co.: *See—*
- Bear, Fred B. 2,836,165.
- Bear, Fred B. 2,836,166.
- Folberth, William M. 2,844,136.
- Henkel, Edward J. 2,829,894.
- Bear, Clarence. Tow truck. 2,820,524, 1-21-58, Cl. 180-52.
- Bear, Fred B., to Bear Archery Co. Archery bow. 2,836,165, 5-27-58, Cl. 124-23.
- Bear, Fred B., to Bear Archery Co. Archery bow. 2,836,166, 5-27-58, Cl. 124-23.
- Bear, Herman G., J. L. Kummer, and J. D. Zartman, to Essex Wire Corp. Thermostatic switch calibrating device. 2,859,608, 11-11-58, Cl. 73-1.
- Bear, James H. Dishwashing machines. 2,824,648, 2-25-58, Cl. 210-238.
- Bear, Joe. Retractable wheel assembly for boats. 2,863,159, 12-9-58, Cl. 9-1.
- Bear Mfg. Co.: *See—*
- MacMillan, Charles W. 2,830,789.
- MacMillan, Charles W. 2,853,790.
- Bear Brand Hosiery Co.: *See—*
- Buckreus, John C. 2,825,215.
- Beard, Arthur D.: *See—*
- Nettleton, David L., Booth, and Beard. 2,853,698.
- Beard, Arthur D., to Radio Corp. of America. Magnetic recording. 2,844,434, 7-22-58, Cl. 346-74.
- Beard, Douglas A.: *See—*
- Klepp, George F., and Beard. 2,834,906.
- Beard, Edward S. Tubular fabric spreading and propelling means. 2,826,802, 3-18-58, Cl. 26-55.
- Bearden, William G., and G. C. Howard, to Pan American Petroleum Corp. Water shut-off method. 2,842,206, 7-8-58, Cl. 166-33.
- Bearden, William G., G. C. Howard, and R. B. Evans III, to Pan American Petroleum Corp. Emulsion cement. 2,842,449, 7-8-58, Cl. 106-90.
- Beardsley, Melville W. Supersonic compressor. 2,853,227, 9-23-58, Cl. 230-114.
- Beardwood, Joseph T., III, C. T. McCoy, and D. E. Sunstein, to Philco Corp. Signal mixer system. 2,828,411, 3-25-58, Cl. 250-20.
- Beare, Charles H., to General Motors Corp. Molding apparatus and method. 2,845,657, 8-5-58, Cl. 18-36.
- Beare, Charles H., to General Motors Corp. Method of molding. 2,864,130, 12-16-58, Cl. 18-59.
- Bearhalter, John A. Releasable thread cutting tool holder with reversible clutch means for opposite hand thread cutting. 2,858,553, 11-4-58, Cl. 10-129.
- Bearing, Van W., to Minneapolis-Honeywell Regulator Co. Method of preparing semi-conductor devices. 2,861,017, 11-18-58, Cl. 148-1.5.
- Bearwood, Herbert E.: *See—*
- MacDougall, Charles B., and Bearwood. 2,855,504.
- Beasley, Max M. Glove finishing machine. 2,838,216, 6-10-58, Cl. 223-57.
- Beasley, Max M. Backing fabric feed means for tufting machine and method. 2,840,019, 6-24-58, Cl. 112-79.
- Beasley, Max M., to Cobble Brothers Machinery Co. Backing fabric feed means for tufting machines. 2,857,867, 10-28-58, Cl. 112-211.
- Beasley, William A. Detachable container and latching hook arrangement for self-loading vehicles. 2,824,658, 2-25-58, Cl. 214-302.
- Beasley, William A., to Ernest Holmes Co. Hydraulic packer body. 2,826,318, 3-11-58, Cl. 214-83.3.
- Beasley, William A., E. W. Holmes, Jr., and H. W. Jones. Detachable bucket arrangement for self-loading vehicles. 2,824,657, 2-25-58, Cl. 214-302.
- Beasley, William A., and H. W. Jones. Self-loading cargo vehicles. 2,828,032, 3-25-58, Cl. 214-302.
- Beati, Enrico: *See—*
- Natta, Giulio, and Beati. 2,843,633.
- Beattie, Horace S., to International Business Machines Corp. Printer with shifting printing means. 2,826,139, 3-11-58, Cl. 101-93.
- Beattie, Robert D.: *See—*
- Antonsen, Randolph, and Beattie. 2,834,044.
- Beattie, Robert D., L. P. Michel, and C. A. Stokes, to G. L. Cabot, Inc. Process for producing silicon tetrachloride. 2,843,458, 7-15-58, Cl. 23-205.
- Beatty, David E. Scaffold brace fastening means. 2,847,259, 8-12-58, Cl. 304-40.
- Beatty, Donald C. Sound amplifying apparatus for telephone and like circuits. 2,826,636, 3-11-58, Cl. 179-1.
- Beatty, Guy M. Pipe coupling with socketed inflatable sealing member. 2,822,192, 2-4-58, Cl. 285-97.
- Beatty, Harry J., Jr.: *See—*
- Bullard, Robert L., and Beatty. 2,841,762.
- Beatty, John W. Dispensing apparatus. 2,832,507, 4-29-58, Cl. 221-112.
- Beatty, Ben J., to United States of America, Atomic Energy Commission. Device for controlling insertion of rod. 2,855,899, 10-14-58, Cl. 121-40.
- Beaty, Clarence B., to Harrison Cropsaver Co. Eccentric device for pick-up reel. 2,823,511, 2-18-58, Cl. 56-226.
- Beau, Raymond, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. Stabilizing sulphuric anhydride. 2,856,266, 10-14-58, Cl. 23-174.
- Beaubien, Stewart J., T. E. Reamer, and P. H. Williams, to Shell Development Co. Metal working lubricant. 2,825,693, 3-4-58, Cl. 252-32.5.
- Beaubien, William H., and J. P. Foulds, to General Electric Co. Lighting unit. 2,852,758, 9-16-58, Cl. 340-74.
- Beauchamp, Robert O., Jr., and T. P. Johnston, to Tennessee Corp. Manganous dimethyldithiocarbamate stabilized with zinc dimethyldithiocarbamate. 2,861,091, 11-18-58, Cl. 260-429.
- Beauchamp, Wilfred A., to The Youngstown Steel Door Co. Box cars and doors therefor. 2,834,067, 5-13-58, Cl. 20-23.
- Beauchamp, Wilfred A., to The Youngstown Steel Door Co. Door locks. 2,866,634, 12-30-58, Cl. 268-44.
- Beauchair, John P. Distributor for ignition system. 2,854,534, 9-30-58, Cl. 200-30.
- Beaudouin, Paul A.: *See—*
- Dussumier de Fonbrune, Pierre H., and Beaudouin. 2,826,040.
- Beaudry, John R., to Charles, Inc. Hair barrette. 2,818,871, 1-7-58, Cl. 132-48.
- Beaufait, Loren J., Jr., to United States of America, Atomic Energy Commission. Oxidative method of separating plutonium from neptunium. 2,838,366, 6-10-58, Cl. 23-14.5.
- Beaufait, Loren J., Jr., F. R. Stevenson, and G. K. Rollefson, to United States of America, Atomic Energy Commission. Plutonium separation method. 2,860,949, 11-18-58, Cl. 23-14.5.
- Beaufort, John M., to United States of America, Army. Hydraulic track tensioning device. 2,843,431, 7-15-58, Cl. 305-9.
- Beaufort, John M., and J. A. Stixrood. Vehicle suspension lock. 2,859,045, 11-4-58, Cl. 280-6.
- Beaufoy, Raymond, and G. T. Baker, to British Telecommunications Research Ltd. Electrical signalling systems. 2,854,655, 9-30-58, Cl. 340-174.
- Beaujard, Louis, V. Husarek, and A. Vasset, to Institut de Recherches de la Siderurgie. Arrangement for recording the results of the supersonic examination of metal parts. 2,836,059, 5-27-58, Cl. 73-67.8.
- Beaulieu, Delton C., to Kimberly-Clark Corp. Sheet feeding mechanism. 2,819,079, 1-7-58, Cl. 271-76.
- Beaulieu, Delton C., to Kimberly-Clark Corp. Revolving lay-boy piler. 2,849,236, 8-26-58, Cl. 271-88.
- Beaulieu, Raymond J. Spoon wiping attachment for a plate or the like. 2,823,406, 2-18-58, Cl. 15-245.
- Beauloye, Alfred F., H. Beauloye, Jr., and M. Beauloye. Engine cylinder block and head gasket surface grinding apparatus. 2,833,089, 5-6-58, Cl. 51-56.
- Beauloye, Henry, Jr.: *See—*
- Beauloye, Alfred F., H. Beauloye, Jr., and M. Beauloye. 2,833,089.
- Beauloye, Max: *See—*
- Beauloye, Alfred F., H. Beauloye, Jr., and M. Beauloye. 2,833,089.
- Baumont, Albert E., A. Brand III, and A. J. Wysoczanski, to the United States of America as represented by the Secretary of the Army. Electronic belt link hardness inspection machine. 2,822,088, 2-4-58, Cl. 209-81.

- Beaumont Birch Co.: *See*—
Addison, Edward C. 2,851,240.
Hampton, John H. 2,822,915.
- Beaumont, Firman R.: *See*—
Baker, William A., and Beaumont. 2,858,956.
- Beaumont, James O., to Hughes Aircraft Co. Electronic high speed multiplexing system. 2,850,725, 9-2-58, Cl. 340-346.
- Beauregard, Frank M.: *See*—
Boldt, Frank J., and Beauregard. 2,835,359.
- Beauregard, Rene J.: *See*—
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- Beautiful Bryans, Inc.: *See*—
Cobert, Arthur J. 2,844,016.
Cobert, Arthur J. 2,853,863.
Cobert, Arthur J. 2,853,867.
- Beauty Products, Ltd.: *See*—
Propst, Robert L. 2,827,952.
Propst, Robert L. 2,846,737.
Propst, Robert L. 2,848,231.
- Beauvais, Rene G., D. L. Neill, and C. M. Ackerman, to Jackson & Church Co. Apparatus for positioning a vehicle. 2,855,165, 10-7-58, Cl. 244-63.
- Beaver, David J., to Monsanto Chemical Co. Compounding chloroalkylidene bisphenols. 2,830,033, 4-8-58, Cl. 260-45.9.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. Pyrrolidine compounds. 2,829,146, 4-1-58, Cl. 260-326.3.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. Method of preserving a rubber with an α,α' -bis (hydroxy phenyl)-2,6-xylenol and resulting compositions. 2,841,627, 7-1-58, Cl. 260-810.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. Antiseptic detergent composition. 2,846,398, 8-5-58, Cl. 252-106.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. Bactericidal N-(2-3 dichloroalkyl)-3-(halophenyl) ureas. 2,846,399, 8-5-58, Cl. 252-107.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. Bactericidal n(halophenyl)n'(allyl)n'(alkoxyphenyl) ureas. 2,846,473, 8-5-58, Cl. 260-553.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. N-(Dihydroquinolinyl) carboxanilides. 2,857,387, 10-21-58, Cl. 260-287.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. Halophenyl 3,4-dichlorocarbanilates. 2,858,328, 10-28-58, Cl. 260-471.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. Thienyl ureas. 2,865,929, 12-23-58, Cl. 260-332.2.
- Beaver, Howard O., Jr., to The Carpenter Steel Co. Ingot mold. 2,829,410, 4-8-58, Cl. 22-139.
- Beaver, Howard O., Jr., to The Carpenter Steel Co. Method of alloying gaseous materials with metals. 2,865,736, 12-23-58, Cl. 75-59.
- Beaver Saw Chain Corp.: *See*—
Siverson, Harry E. 2,854,041.
- Beaver, William L., to Varian Associates. Traveling wave electron discharge device. 2,834,909, 5-13-58, Cl. 315-3.6.
- Beavers, Hazel G., to Gadget-Of-The-Month Club, Inc. Device for stuffing and roasting fowl and meat. 2,850,962, 9-9-58, Cl. 99-426.
- Beavon, David K., to The Texas Co. Hatch closure assembly having filling and venting means. 2,832,378, 4-29-58, Cl. 141-287.
- Beavon, David K., to The Texas Co. Treatment of residual asphaltic oils with light hydrocarbons. 2,847,353, 8-12-58, Cl. 196-14.11.
- Beavon, David K., to The Texas Co. Alkylation with effluent refrigeration and flashed vapor absorption. 2,865,971, 12-23-58, Cl. 260-683.62.
- Bebb, Robert L.: *See*—
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- Beber, Adolph J.: *See*—
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- Beber, Oral L., K. M. Watson, and B. B. Woertz, to The Pure Oil Co. Apparatus for low velocity fluidization. 2,856,273, 10-14-58, Cl. 23-288.
- Bebinger, Charles N., to Joy Mfg. Co. Swivel coupling. 2,860,765, 11-18-58, Cl. 198-95.
- Bebinger, Jack E., to General Electric Co. Splash guard for food waste disposer. 2,834,554, 5-13-58, Cl. 241-100.5.
- Bebout, John W.: *See*—
Jagiell, Zigmund J. 2,836,468.
- Beccio, Giuseppe, to Olivetti, Ing. C., & C. S. p. A. Type carrier actuating mechanism for typewriting machines. 2,861,668, 11-25-58, Cl. 197-16.
- Becco Chemical Division, Food Machinery and Chemical Corp.: *See*—
Feldmann, Paul. 2,820,690.
- Bechard, Conrad E., to General Electric Co. Electric lamp manufacture. 2,832,883, 4-29-58, Cl. 219-117.
- Bechaud, Leslie J., Jr., and P. Malozemoff, to Tsumeb Corp. Ltd. Process for recovery of germanium sulfide. 2,865,712, 12-23-58, Cl. 23-134.
- Bechberger, Paul F., and D. F. Hastings, to Bendix Aviation Corp. Pressure indicating system. 2,834,953, 5-13-58, Cl. 340-236.
- Becher, Ernest F.: *See*—
De Vries, Nicholas, and Becher. 2,857,955.
- Becher, James J.: *See*—
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Holzer, Frederick J. 2,852,200.
- Becher, Paul, to Colgate-Palmolive Co. Method for purifying synthetic organic detergents. 2,863,887, 12-9-58, Cl. 260-400.
- Bechik, Michael. Garment hanger. 2,861,725, 11-25-58, Cl. 223-91.
- Bechllars, Franz: *See*—
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- Bechle, Rudolph P.: *See*—
Potdevin, Adolph, and Bechle. 2,837,267.
Potdevin, Adolph, and Bechle. 2,837,268.
- Becht, Richard J.: *See*—
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- Becht, Richard J., and J. H. Heidorn, to General Motors Corp. Refrigerating apparatus. 2,844,305, 7-22-58, Cl. 230-206.
- Bechtel, Alfred R., Jr., to Ashworth Bros. Inc. Heavy duty flat wire conveyor belt. 2,862,609, 12-2-58, Cl. 198-193.
- Bechtler, Walter A., to Metallbau A. G. Slatted roller blind with swivelling slats. 2,853,130, 9-23-58, Cl. 160-133.
- Bechtold, James H., and J. P. Webb, to Westinghouse Electric Corp. Applying protective metal coatings on molybdenum. 2,861,327, 11-25-58, Cl. 29-198.
- Bechtold, Karl. Compression and expansion machines for gaseous bodies. 2,839,240, 6-17-58, Cl. 230-140.
- Bechtold, Max F., to E. I. du Pont de Nemours and Co. Aqueous dispersions of polymers and shaped articles therefrom. 2,846,727, 8-12-58, Cl. 18-57.
- Bechtold, Max F., to E. I. du Pont de Nemours and Co. Process for the production of porous open-cell structure polymer films. 2,848,752, 8-26-58, Cl. 18-57.
- Bechtold, Max F., to E. I. du Pont de Nemours and Co. Powder metallurgy compositions of molybdenum, iron and silicon, shaped objects thereof, and their preparation. 2,866,259, 12-30-58, Cl. 29-182.5.
- Bechtold, Max F., and R. N. MacDonald, to E. I. du Pont de Nemours and Co. Dispersion polymerization of formaldehyde in the presence of an organic synthetic polymer. 2,844,561, 7-22-58, Cl. 260-45.5.
- Beck, Alfred E., Jr.: *See*—
Saarivirta, Matti J., and Beck. 2,842,438.
- Beck, Arnold H. W.: *See*—
Hough, George H., Beck, Jackson, and Fraser. 2,856,554.
- Beck, Arnold H. W., to International Standard Electric Corp. Electron discharge devices. 2,829,299, 4-1-58, Cl. 315-3.5.
- Beck, Arnold H. W., A. B. Cutting, and J. W. F. Rayner, to International Standard Electric Corp. Grids for electric discharge devices. 2,825,839, 3-4-58, Cl. 313-348.
- Beck, Arnold H. W., T. M. Jackson, and J. Lytollis, to International Standard Electric Corp. Electric discharge tubes. 2,843,782, 7-15-58, Cl. 313-189.
- Beck, Arnold H. W., and A. B. Cutting, to International Standard Electric Corp. Electron velocity modulation tubes. 2,857,549, 10-21-58, Cl. 315-5.47.
- Beck, Arthur C., and J. L. Storr-Best, to International Standard Electric Corp. Radio transmitting installations. 2,840,696, 6-24-58, Cl. 250-17.
- Beck, Cecil I.: *See*—
Shumaker, Lawrence E., and Beck. 2,842,874.
- Beck, Charles E., to General Electric Co. Lamp basing apparatus. 2,845,107, 7-29-58, Cl. 153-1.
- Beck, Curt B.: *See*—
Dobbin, Rollins E., and Beck. 2,830,879.
- Beck, Cyrus. Hydraulic springs. 2,861,794, 11-25-58, Cl. 267-2.
- Beck, David C., to The Liberty Folder Co. Paper feeding machine. 2,848,219, 8-19-58, Cl. 270-68.
- Beck, Douglas J., to Kestral Corp. Inflatable figure toy. 2,838,872, 6-17-58, Cl. 46-87.
- Beck, Earl J., Jr., and K. N. Tinklepaugh. Temperature control for internal combustion engine. 2,844,129, 7-22-58, Cl. 123-41.21.
- Beck, Edward F. W., and O. Ackermann, to Westinghouse Electric Corp. Lightning arrester. 2,858,476, 10-28-58, Cl. 315-36.
- Beck, Edwin C., and L. M. Davis, to Sealed Power Corp. Compressible two-way piston ring expander. 2,855,254, 10-7-58, Cl. 309-40.
- Beck, Edwin H., to Manufactures Supplies Co. Work table for skiving machines. 2,822,681, 2-11-58, Cl. 69-9.5.
- Beck, George, Jr., and K. E. Pacifier. 2,834,350, 5-13-58, Cl. 128-360.
- Beck, Gustaf C. F. Adjustable height gauge and jack. 2,819,529, 1-14-58, Cl. 33-164.
- Beck, Harold C.: *See*—
Rees, Lancelot H., and Beck. 2,850,246.
- Beck, Harold S. Ladle nozzle construction. 2,863,189, 12-9-58, Cl. 22-85.
- Beck, Henry C., and R. N. Pim, to Sun Oil Co. Decolorization of waxes. 2,863,820, 12-9-58, Cl. 208-26.
- Beck, Howard G., to The General Tire and Rubber Co. Resilient cushion. 2,821,244, 1-28-58, Cl. 155-179.
- Beck, John J., to Tele-Dynamics Inc. Commutating devices. 2,825,768, 3-4-58, Cl. 200-24.
- Beck, John T. Contacts for electrical circuits and methods for making same. 2,823,286, 2-11-58, Cl. 200-166.

- Beck, John W., to North American Aviation, Inc. Transistor demodulator and modulator. 2,827,611, 3-18-58, Cl. 332-52.
- Beck, Julius S., to J. E. Hill. Suspension drilling device and jar. 2,819,878, 1-14-58, Cl. 255-28.
- Beck, Julius S., to J. E. Hill. Suspension drilling device and jar. 2,819,879, 1-14-58, Cl. 255-28.
- Beck, Katie E.: See—
- Beck, George, Jr., and Beck. 2,834,350.
- Beck, Kenneth H., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,832,946, 4-29-58, Cl. 340-213.
- Beck, Kenneth H., to Minneapolis-Honeywell Regulator Co. Electrical control apparatus. 2,864,985, 12-16-58, Cl. 318-207.
- Beck, Le Roy F., to Vascology-Ramet Corp. Cutting unit for a lathe, planer or similar metal working machine. 2,854,734, 10-7-58, Cl. 29-96.
- Beck, Melvin L. Fishing rod holder and tender. 2,851,812, 9-16-58, Cl. 43-15.
- Beck, Merrill G., and R. E. Tuttle, to Lord Mfg. Co. Mounting with extended skirt for snubbing. 2,828,095, 3-25-58, Cl. 248-9.
- Beck, Raymond. Housing for animal traps. 2,836,006, 5-27-58, Cl. 43-96.
- Beck, Robert M.: See—
- Hagen, Glenn E., Williams, Philbrick, Beck, and Russell. 2,850,232.
- Beck, Robert M., to Northrop Aircraft, Inc. Automatic coding system for a digital differential analyzer. 2,852,187, 9-16-58, Cl. 235-61.
- Beck, Robert W., to Jersey Production Research Co. Down-hole sample chamber. 2,856,005, 10-14-58, Cl. 166-162.
- Beck, Theodore A., to American Radiator & Standard Sanitary Corp. Induction heating method and apparatus. 2,823,289, 2-11-58, Cl. 219-10.41.
- Beck, Theodore R., to E. I. du Pont de Nemours and Co. Process for the manufacture of organic isocyanates. 2,822,373, 2-4-58, Cl. 260-453.
- Beck, Veris C. Egg washing apparatus. 2,858,554, 11-4-58, Cl. 15-3.13.
- Beck, Walter, to Montgomery Elevator Co. Elevator. 2,835,345, 5-20-58, Cl. 187-17.
- Beck, Walter, to Montgomery Elevator Co. Magnetic leveling unit for elevators. 2,843,697, 7-15-58, Cl. 200-87.
- Beck, Warren R.: See—
- Eubank, William R., and Beck. 2,863,782.
- Beck, Warren R., and N. W. Taylor, to Minnesota Mining & Mfg. Co. High-index glass elements. 2,842,446, 7-8-58, Cl. 106-47.
- Beck, Warren R., and N. W. Taylor, to Minnesota Mining & Mfg. Co. High-index glass elements. 2,853,393, 9-23-58, Cl. 106-47.
- Beckadolph, Richard, and W. Nielas, to Continental Gummi-Werke Akt. Method of centrifugally casting vehicle tires. 2,860,379, 11-18-58, Cl. 18-58.3.
- Beckberger, La Vern H., to Sinclair Refining Co. Reforming in multiple stages employing a platinum-type metal catalyst. 2,861,942, 11-25-58, Cl. 208-65.
- Beckberger, La Vern H., to Sinclair Refining Co. Reforming and isomerization process, with dehydrogenation of unconverted light paraffins. 2,862,872, 12-2-58, Cl. 208-65.
- Becker, Alfred, to Ciba Pharmaceutical Products, Inc. Separation of mixtures of deserpine and reserpine by nitrosation. 2,841,587, 7-1-58, Cl. 260-287.
- Becker, Alfred. Step ladder slip-on platform. 2,840,291, 6-24-58, Cl. 228-30.
- Becker, Aloysius, to P. Benninghofen and F. B. Diesback. Carbon paper cross-feed for autographic registers. 2,827,310, 3-18-58, Cl. 282-20.
- Becker, Arno, to W. Muller. Apparatus for winding and unwinding flexible members of textile machines and the like. 2,846,161, 8-5-58, Cl. 242-75.47.
- Becker, Carl H., and R. J. Stahl, to Tectron, Inc. Computer for machine tool control. 2,852,189, 9-16-58, Cl. 235-61.
- Becker, Daniel B. Artificial hand. 2,853,711, 9-30-58, Cl. 3-12.6.
- Becker, Daniel B. Artificial fingers and hand mechanism. 2,859,450, 11-11-58, Cl. 3-12.7.
- Becker, Earl M., to Mine Safety Appliances Co. Ear plug. 2,850,012, 9-2-58, Cl. 128-152.
- Becker, Elliott D.: See—
- Zimmerman, Robert F., and Becker. 2,827,386.
- Becker, Floyd K., to Bell Telephone Laboratories, Inc. Monoaural-binaural transmission of sound. 2,819,342, 1-7-58, Cl. 179-1.
- Becker, Francis N., and C. D. Miller, to The American MonoRail Co. Traveling pneumatic cleaner for spinning frames. 2,251,716, 9-16-58, Cl. 15-312.
- Becker, Frank E.: See—
- Jacoby, Joseph F., Becker, and Rosenberg. 2,846,560.
- Becker, Fred, to Underwood Corp. Form handling means for business machines. 2,827,146, 3-18-58, Cl. 197-136.
- Becker, George D., to Allis-Chalmers Mfg. Co. Vibrating ball mill with greater amplitude of vibration at feed end. 2,819,849, 1-14-58, Cl. 241-175.
- Becker, Gustav: See—
- Zimmermann, Ehrenfried, and Becker. 2,847,122.
- Becker, Heinz E.: See—
- Wehrheim, Werner, Becker, and Kronacher. 2,855,277.
- Becker, Heinz H.: See—
- Wallace, Burgess P., Romney, and Becker. 2,863,781.
- Becker, Helmut: See—
- Malfeld, Otto, Becker, Mandler, Koch, and Martin. 2,853,920.
- Becker, Henry E. Swivel hasp. 2,855,237, 10-7-58, Cl. 292-285.
- Becker, Howard I., Jr., to General Electric Co. Method and apparatus for testing magnets. 2,860,778, 11-18-58, Cl. 209-72.
- Becker, Hugo G., and C. W. Streed, to Socony Mobil Oil Co., Inc. Method for controlling gelation time. 2,834,739, 5-13-58, Cl. 252-448.
- Becker, Joseph, to Koppers Co., Inc. Coking retort oven with graduated liner wall. 2,839,453, 6-17-58, Cl. 202-323.
- Becker, Joseph A., and R. G. Brandes, to Bell Telephone Laboratories, Inc. Gas valve for high vacuum system. 2,827,257, 3-18-58, Cl. 251-9.
- Becker, Karl H., to Philco Corp. Washing machine. 2,821,848, 2-4-58, Cl. 68-17.
- Becker, Lloyd J., to Akron Brass Mfg. Co., Inc. Fire fighting apparatus. 2,834,416, 5-13-58, Cl. 169-25.
- Becker, Marion A., to Beam Chemical Co. Can washer. 2,821,988, 2-4-58, Cl. 134-144.
- Becker, Otto A. Filing systems. 2,839,203, 6-17-58, Cl. 211-184.
- Becker, Perry A., to Owens-Illinois Glass Co. Apparatus for applying a bead to glass tumblers. 2,836,145, 5-27-58, Cl. 118-218.
- Becker, Philip D., to United-Carr Fastener Corp. Cylindrical nut with spring arm retainer. 2,825,379, 3-4-58, Cl. 151-41.75.
- Becker, Philip D., to United-Carr Fastener Corp. Fastening device. 2,831,715, 4-22-58, Cl. 287-1.
- Becker, Philip D., to United-Carr Fastener Corp. Fastening device. 2,846,744, 8-12-58, Cl. 24-108.
- Becker, Philip D., to United-Carr Fastener Corp. Fastening device. 2,847,745, 8-19-58, Cl. 24-108.
- Becker, Philip D., to United-Carr Fastener Corp. Support. 2,857,616, 10-28-58, Cl. 16-42.
- Becker, Philip D., and H. S. Johnsen, to United-Carr Fastener Corp. Threaded insert with prongs extending from an end flange. 2,818,901, 1-7-58, Cl. 151-41.73.
- Becker, Philip J., Jr., $\frac{1}{2}$ to C. D. Wycoff. Coin dispenser. 2,850,024, 9-2-58, Cl. 133-6.
- Becker, Robert E., to Logansport Machine Co., Inc. Self-locking drawbar assembly. 2,821,405, 1-28-58, Cl. 279-119.
- Becker, Robert E., to Logansport Machine Co., Inc. Jaw chuck assembly. 2,830,823, 4-15-58, Cl. 279-110.
- Becker, Robert E., to Logansport Machine Co. Hydraulic relief valve. 2,861,585, 11-25-58, Cl. 137-115.
- Becker, Rodger F. Crankpin refinishing device. 2,818,685, 1-7-58, Cl. 51-5.
- Becker, Rudolf: See—
- Herbert, Wilhelm, Kohrt, Becker, and Danulat. 2,863,527.
- Becker, Rudolf, to Gesellschaft für Linde's Eismaschinen Akt. Process for obtaining a gas fraction which is highly rich in carbon monoxide from a carbon monoxide containing gas mixture. 2,844,944, 7-29-58, Cl. 62-25.
- Becker, Rudolf, and W. Hartmann, to Gesellschaft für Linde's Eismaschinen Akt. Process for the partial liquefaction of gas mixture by means of pressure and intense cooling. 2,838,918, 6-17-58, Cl. 62-175.5.
- Becker, Theodore J.: See—
- Ruddy, Arlo W., and Becker. 2,837,525.
- Becker, Victor I. Brassieres. 2,835,265, 5-20-58, Cl. 128-484.
- Becker, Victor I. Brassieres. 2,842,137, 7-8-58, Cl. 128-460.
- Becker, Wilhelm: See—
- Schnell, Hermann, and Becker. 2,851,734.
- Becker, Wilhelm, G. Krüll, and O. Noe, to Untertage-Maschinenbau G. m. b. H. Steel link belts. 2,864,487, 12-16-58, Cl. 198-196.
- Beckers, Jozef M. H.: See—
- Bosman, Michiel, and Beckers. 2,833,411.
- Beckett, John C.: See—
- Hicks, William W., and Beckett. 2,825,102.
- Beckett, Reginald W. Fluid fuel burner. 2,843,198, 7-15-58, Cl. 158-76.
- Beckham, Joe W., and R. C. Yeoman, to Texas Foundries, Inc. Clamping band for pipe joints. 2,821,768, 2-4-58, Cl. 24-276.
- Beckham, Leland J., and H. L. Heckel, to Allied Chemical & Dye Corp. Process for the recovery of isobutanol from alcoholic mixtures. 2,831,801, 4-22-58, Cl. 202-42.
- Beckham, William J. Percussion type rock bit. 2,819,041, 1-7-58, Cl. 255-4.4.
- Becking, Donald H.: See—
- Brown, Henry, Becking, and Tomaszewski. 2,841,602.
- Becking, Donald H., and H. Brown, to The Udylyte Research Corp. Electrodeposition of nickel. 2,852,449, 9-16-58, Cl. 204-40.
- Beckling, Augustus G. T., P. Blom, and P. Boxman, to North American Phillips Co., Inc. Transistor amplifier with gain control. 2,864,903, 12-16-58, Cl. 179-171.
- Beckman, Carl, and D. A. Starr, Jr., to Burroughs Corp. Automatic headlight dimming system. 2,850,673, 9-2-58, Cl. 315-83.

- Beckman, George, and J. Robert, to Globe Siding Products Co. Metallic surfaced insulating structural materials for siding and roofing. 2,856,647, 10-21-58, Cl. 20-5.
- Beckman Instruments, Inc.: *See—*
- Ahrendt, Merrill E. 2,858,735.
- Anthorn, Erik W. 2,861,459.
- Barton, Dean M. 2,863,972.
- Chisholm, Hamilton C. 2,843,320.
- Donner, Walter. 2,847,574.
- Donner, Walter, and Tipotsch. 2,829,260.
- Houdyshell, Harry H., and Griffith. 2,860,455.
- Kimes, Richard E. 2,851,220.
- Pickels, Edward G. 2,834,247.
- Pickels, Edward G., and Pearson. 2,834,248.
- Pickels, Edward G., Scofield, and Williams. 2,834,729.
- Beckman, William R.: *See—*
- Crooks, Charles E., and Beckman. 2,837,743.
- Beckmann, Charles O.: *See—*
- Klein, Howard C., Beckmann, and Schaaf. 2,819,310.
- Beckmann, Paul, and K. Rothstein, to J. A. Henckles Zwillingswerk Akt. Scissors. 2,856,687, 10-21-58, Cl. 30-266.
- Beckner, Marshall H., to Tri-State Engineering Co. Container for use with fork lift trucks. 2,826,329, 3-11-58, Cl. 220-69.
- Beckner, Marshall H., to Tri-State Engineering Co. Conveyor guard. 2,842,251, 7-8-58, Cl. 198-1.
- Beckner, Marshall H., to Wire-Tex Corp. Storage racks. 2,850,172, 9-2-58, Cl. 211-148.
- Beckner, Martin M.: *See—*
- Myers, Chester G., Kuhlman, and Beckner. 2,843,306.
- Beckstrom, Carl V.: *See—*
- Matthews, Charles W., and Beckstrom. 2,831,415.
- Beckwell, George, to The Cal-Dak Co. Collapsible bed rail. 2,859,454, 11-11-58, Cl. 5-331.
- Beckwith-Arden Inc.: *See—*
- Emerson, Cherry L., Jr. 2,840,492.
- Beckwith, John R., to Raytheon Mfg. Co. Heater power supplies. 2,831,151, 4-15-58, Cl. 315-96.
- Beckwith, Sterling, to Constock Liquid Methane Corp. Insulating tank for cold boiling liquids. 2,859,985, 11-11-58, Cl. 220-65.
- Beckwith, Thomas G.: *See—*
- Buck, Nelson L., and Beckwith. 2,819,713.
- Becton, Dickinson and Co.: *See—*
- Adams, John Q. 2,834,346.
- Adams, John Q. 2,847,995.
- Hein, George N., Jr. 2,823,677.
- Hein, George N., Jr. 2,826,297.
- Hein, George N., Jr. 2,842,128.
- Hein, George N., Jr. 2,855,929.
- Hein, George N., Jr. 2,866,458.
- Krug, Albert E. 2,833,281.
- May, Edwin A., and Maltais. 2,835,377.
- Stephany, Fred E. 2,842,125.
- Szmukler, Constantin, and Vintraud. 2,864,365.
- Bede, James A. Fuel injection. 2,858,811, 11-4-58, Cl. 123-32.
- Bedell, Elmer E., to The Western Union Telegraph Co. Facsimile stylus holder. 2,829,942, 4-8-58, Cl. 346-139.
- Bedell, Elmer E., to The Western Union Telegraph Co. Facsimile stylus belt and stylus holder. 2,853,358, 9-23-58, Cl. 346-139.
- Bedford, Alda B.: *See—*
- Sziklai, George C., and Bedford. 2,852,608.
- Bedford, Alda V., to Radio Corp. of America. Color television. 2,840,634, 6-24-58, Cl. 178-5.4.
- Bedford, Alda V. Color television signal generating apparatus. 2,858,362, 10-28-58, Cl. 178-5.4.
- Bedford, Burnice D., to General Electric Co. Series capacitor saturable transformer circuit protective system. 2,863,111, 12-2-58, Cl. 321-48.
- Bedford Gear and Machine Products, Inc.: *See—*
- Etechell, Howard L. 2,849,797.
- Bedford, Gorman L. Paint applying device. 2,824,328, 2-25-58, Cl. 15-230.
- Bedford, Robert H. Homogenization of fish products. 2,851,356, 9-9-58, Cl. 99-7.
- Bedford, Robert H. Animal feed emulsion and process. 2,851,357, 9-9-58, Cl. 99-7.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Fastening device. 2,839,805, 6-24-58, Cl. 24-84.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Method of forming a sheet metal lock nut. 2,846,701, 8-12-58, Cl. 10-86.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Fastening device. 2,863,556, 12-9-58, Cl. 206-65.
- Bedinghaus, William H. Perforating device. 2,836,243, 5-27-58, Cl. 23-65.
- Bednarski, Thaddeus E.: *See—*
- Madl, Alfred W., and Bednarski. 2,865,141.
- Bee, Carl R., to American Flange & Mfg. Co., Inc. Retractable rigid spouts and mountings therefor. 2,840,280, 6-24-58, Cl. 222-478.
- Beebe, Douglas N. Self-retracting dog leash assembly. 2,833,250, 5-6-58, Cl. 119-109.
- Beebe, Gerald T., to United States Steel Corp. Grating. 2,834,267, 5-13-58, Cl. 94-30.
- Beebe, Henry C., J. W. Neff, and W. L. Clymer, to Binney & Smith Inc. Crayon carton and sharpener. 2,857,881, 10-28-58, Cl. 120-1.
- Beebe, Herbert R.: *See—*
- Cohn, David, and Beebe. 2,820,326.
- Beebe, Herbert R., to Toy Ideas, Inc. Crying dolls. 2,827,734, 3-25-58, Cl. 46-135.
- Beebe, Joseph L. Egg washing and carrying basket. 2,832,500, 4-29-58, Cl. 220-19.
- Beebe, Lucius M., and C. M. Clegg, Jr. Newspaper vending rack. 2,833,418, 5-6-58, Cl. 211-55.
- Beebe, Robert L., to Soo Valley Co. Fly casting line with tapered cellular waterproof plastic coating. 2,862,282, 12-2-58, Cl. 28-80.
- Beebee, Lawrence, to Deeco, Inc. Combined clamping and punching apparatus. 2,844,204, 7-22-58, Cl. 164-90.
- Beeber, Allan R. A., and R. M. Gold, to Keuffel & Esser Co. Blue print paper. 2,852,377, 9-16-58, Cl. 96-75.
- Beech, Austin S., to Foundry Equipment Ltd. Foundry moulding machines. 2,835,939, 5-27-58, Cl. 22-29.
- Beech, Austin S., to Foundry Equipment Ltd. Mould conveyors. 2,855,092, 10-7-58, Cl. 198-181.
- Beecher, Eugene L. Apparatus for making projectiles. 2,821,099, 1-28-58, Cl. 80-23.
- Beecher, Eugene L. Syringe filling device. 2,861,570, 11-25-58, Cl. 128-215.
- Beecher, Robert W. Theatrical spot light gel holder. 2,833,915, 5-6-58, Cl. 240-3.1.
- Beecher, William B. Puncturing tool. 2,825,964, 3-11-58, Cl. 30-6.1.
- Beecher, William B. Puncturing tool. 2,825,966, 3-11-58, Cl. 30-16.
- Beede, Arnold H., to Electrolux Corp. Dual purpose suction cleaning tool. 2,827,654, 3-25-58, Cl. 15-373.
- Beede, Arnold H., and A. P. Cawl, to Electrolux Corp. Mechanism for rendering a vacuum cleaner inoperative if no bag is in place. 2,860,724, 11-18-58, Cl. 183-37.
- Beek, Joseph A., Jr., P. R. Gilson, and P. R. Westlake, to Burroughs Corp. Magnetizable record reading system. 2,835,882, 5-20-58, Cl. 340-174.
- Beekly, Roy A.: *See—*
- Phelps, Rollin R., and Beekly. 2,829,535.
- Beeler, Wilma. Carrying case for oxygen equipment. 2,838,085, 6-10-58, Cl. 150-52.
- Beer, Albert C.: *See—*
- Rossi, Bruno, Sack, Beer, and Boehmer. 2,861,186.
- Beer, Donald C. Snap-action electric switches. 2,854,536, 9-30-58, Cl. 200-67.
- Beer, Hans: *See—*
- Weber, Alexander. 2,827,656.
- Beerli, Karl, to Spindel, Motoren- und Maschinenfabrik A. G. Holding device. 2,835,517, 5-20-58, Cl. 287-52.
- Beerman, Eugene: *See—*
- Berman, Eugene, and Eisenberg. 2,836,457.
- Beers, George L., to Radio Corp. of America. Color television systems. 2,820,844, 1-21-58, Cl. 178-5.2.
- Beers, Yardley, to United States of America as represented by the Secretary of the Navy. Rectangular transmission line absorption cell. 2,824,280, 2-18-58, Cl. 324-58.5.
- Beerwald, Alexander: *See—*
- Knopf, Herbert, Beerwald, and Brinkmann. 2,831,008.
- Beesch, Otto, to Robert Bosch G. m. b. H. Insulator bushing and electrode for spark plugs. 2,835,726, 5-20-58, Cl. 313-136.
- Beese, Norman C., to Westinghouse Electric Corp. Infrared image pick-up and converter device. 2,838,678, 6-10-58, Cl. 250-83.3.
- Beesley, John H.: *See—*
- Scowcroft, John, and Beesley. 2,863,952.
- Beesley, John H., to The General Electric Co. Ltd. Electrical counting or distributing circuits. 2,851,636, 9-9-58, Cl. 315-84.5.
- Beesley, John H., to The General Electric Co. Ltd. Electrical gas discharge tube circuit. 2,866,132, 12-23-58, Cl. 315-84.5.
- Beeson, Clement T.: *See—*
- Murdock, Forrest L., Sr., Boggs, and Beeson. 2,860,082.
- Beeson, Eric J. G., to General Electric Co. Photographic light unit. 2,825,000, 2-25-58, Cl. 315-60.
- Beets, Muus G. J., and W. Meerburg, to N. V. Polak & Schwarz's Essenciefabrieken. Process of preparing keto acids. 2,820,805, 1-21-58, Cl. 260-413.
- Beets, Muus G. J., and E. A. Drukker, to N. V. Polak & Schwarz's Essenciefabrieken. Process of preparing 2-phenylethanol-1. 2,823,238, 2-11-58, Cl. 260-618.
- Beets, Muus G. J., and E. A. Drukker, to N. V. Polak & Schwarz's Essenciefabrieken. Process for the preparation of ω -bromostyrene and 4-methyl- ω -bromostyrene. 2,824,144, 2-18-58, Cl. 260-651.
- Beeuwkes, Reinier, Jr., J. P. McDonough, and E. N. Hegge. Projectile for firearms. 2,820,412, 1-21-58, Cl. 102-93.
- Beffa, Fabio: *See—*
- Schetty, Guido, Ackermann, and Beffa. 2,829,140.
- Beger, Richard E. Spinning reel. 2,852,205, 9-16-58, Cl. 242-84.21.
- Begg, Eugene L.: *See—*
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- Beggs, Donald: *See—*
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- Lavoo, Norman T., Dehn, and Beggs. 2,847,518.
- Beggs, James E., to General Electric Co. Dispenser cathodes and methods of making them. 2,830,218, 4-8-58, Cl. 313-346.

- Beggs, James E., to the United States of America as represented by the Secretary of the Navy. High-frequency electron discharge device having adjustably spaced electrodes. 2,831,139, 4-15-58, Cl. 313-148.
- Beggs, James E., to General Electric Co. Metallic bond. 2,857,663, 10-28-58, Cl. 29-473.1.
- Beggs, James E., and H. F. Webster, to General Electric Co. Thermionic cathode and direct current heater assembly. 2,847,604, 8-12-58, Cl. 313-337.
- Beglin, Sylvio J., to K-W Mfg., Inc. Safety jackknife apparatus. 2,822,188, 2-4-58, Cl. 280-432.
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- Begley, John W., and R. R. Goins, to Phillips Petroleum Co. Process and apparatus for conversion of hydrocarbons. 2,866,836, 12-30-58, Cl. 260-683.
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- Begs Oil Tool Rentals, Inc.: See—
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- Beham, Harold L., to General Motors Corp. High strength investment casting mold. 2,851,752, 9-16-58, Cl. 22-193.
- Behae, Roy J. Easily removable fishhook. 2,823,486, 2-18-58, Cl. 43-43.16.
- Behlau, Adolph J. Can opener. 2,861,337, 11-25-58, Cl. 30-22.
- Behlke, Versel A.: See—
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- Behmeier, John W. Savings coin holder. 2,835,438, 5-20-58, Cl. 232-5.
- Behnke, Arnold F., to Kay-Brunner Steel Products, Inc. Bushings for oscillating joints. 2,819,105, 1-7-58, Cl. 287-85.
- Behnke, George W., and R. G. Westcott, to Simplicity Engineering Co. Vibratory parts washer and degreaser. 2,818,874, 1-7-58, Cl. 134-133.
- Behnke, Karlheinz: See—
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- Behr, Siegfried. Lady's hair ornament. 2,849,007, 8-26-58, Cl. 132-046.
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- Behrens, Heinz. Granular material drying apparatus. 2,840,923, 7-1-58, Cl. 34-164.
- Behrens, Otto K., and P. W. Ensminger, to Eli Lilly and Co. Pertussis vaccine preparation. 2,837,460, 6-3-58, Cl. 167-78.
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- Gish, Lyman C., and Beibers. 2,851,158.
- Beidler, Edward A.: See—
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- Beidler, Sheppard. Dual channel headset. 2,846,521, 8-5-58, Cl. 179-156.
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- Beihl, Clarence A. Pan handling device. 2,840,413, 6-24-58, Cl. 291-31.
- Beijer, Oscar F., and S.-A. Nordegren, to Vibro-Plus Corp. Rotary vibrator. 2,844,041, 7-22-58, Cl. 74-87.
- Beijersbergen, Jacobus P., to North American Philips Co., Inc. Piezo-electric quartz crystal plate. 2,837,667, 6-3-58, Cl. 310-9.6.
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- Belden, Byron B. Pre-pressing die control apparatus. 2,831,212, 4-22-58, Cl. 18-16.7.
- Belden, Charles W., and H. C. Northrop, to Ajax Flexible Coupling Co. Inc. Gear type couplings. 2,823,527, 2-18-58, Cl. 64-9.
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 Bell, William A., Jr., L. O. Love, and W. K. Prater, to the United States of America as represented by the United States Atomic Energy Commission. Ion source. 2,821,662, 1-28-58, Cl. 315—111.
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- Bellmann, Emma E.: *See*—
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- Bello, Pablo D. Dispensing hopper with improved valve. 2,841,312, 7-1-58, Cl. 222-181.
- Bellomo, Andrea, and J. B. C. Du Mont. Universal joints. 2,846,858, 8-12-58, Cl. 64-21.
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- Bellott, Franklin R., and F. O. Manzke, to The Rauland Corp. Electron-discharge device processing apparatus. 2,859,324, 11-4-58, Cl. 219-19.
- Bels, Basil A., to the United States of America as represented by the Secretary of the Navy. Permutation switch. 2,831,072, 4-15-58, Cl. 200-5.
- Belshaw, Thomas E. Dough dispenser. 2,825,494, 3-4-58, Cl. 222-440.
- Belshaw, Thomas E. Dough former. 2,828,700, 4-1-58, Cl. 107-14.
- Belsky, Jerome, to Talco Engineering Co., Inc. Cartridge actuated brakes. 2,860,736, 11-18-58, Cl. 188-106.
- Belsky, Robert C. and T. B., and G. B. Klarfeld, to Ready, Inc. Disposable pad for a mop. 2,853,730, 9-30-58, Cl. 15-209.
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- Belt, Salem F., to Monsanto Chemical Co. Cyanoethylation process. 2,860,946, 11-18-58, Cl. 8-120.
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- Belz, Lloyd H., L. A. Cook, and L. V. W. Eastwood, to Kaiser Aluminum & Chemical Corp. Method of welding apparatus and electrode. 2,852,659, 9-16-58, Cl. 219-74.
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- Bemis, Alan C., W. E. Buck, and E. B. Dane, Jr., to the United States of America as represented by the Secretary of War. Optical system for heat-homing bomb. 2,826,703, 3-11-58, Cl. 250-83.
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- Bemish, George R. Finned tube radiator supporting structure. 2,835,478, 5-20-58, Cl. 257-113.
- Bemski, George, to Bell Telephone Laboratories, Inc. Method of improving the minority carrier lifetime in a single crystal silicon body. 2,827,436, 3-18-58, Cl. 252-62.3.
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- Benander, George B. Vehicle-mounted shoe scraper. 2,857,173, 10-21-58, Cl. 280-164.
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- Bender, Alfred, and A. de la Lastra, to Universal Transistor Products Corp. Transistorized rate meter. 2,838,680, 6-10-58, Cl. 250-83.6.
- Bender, Emil A. Connecting means for structural elements. 2,820,657, 1-21-58, Cl. 287-103.
- Bender, Emil A. Connecting means for structural elements. 2,820,658, 1-21-58, Cl. 287-103.
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- Bender, Howard L., A. G. Farnham, and J. W. Guyer, to Union Carbide Corp. Addition products of polyglycidyl ethers of phenolic resins and polythiols. 2,849,416, 8-26-58, Cl. 260-43.
- Bender, Howard L., L. B. Conte, Jr., and F. N. Apel, to Union Carbide Corp. Preparation of bis-phenols. 2,858,342, 10-28-58, Cl. 260-619.
- Bender, Julian R. Pipe rack and storage box. 2,821,448, 1-28-58, Cl. 312-31.
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- Bender, Lloyd F., to National Cooperatives, Inc. Milk pail cover and pulsator assembly. 2,818,833, 1-7-58, Cl. 119-14.6.
- Bender, Lloyd F. Dairy equipment cleaner. 2,829,657, 4-8-58, Cl. 134-56.
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- Benedek, Melba L.: *See*—
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- Benedict, Bruce C., to Phillips Petroleum Co. Solvent extraction of lubricating oils with phenol. 2,857,326, 10-21-58, Cl. 208-323.
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- Benedict, Donald B., II, M. Rife, and R. A. Walther, to Union Carbide Corp. Process for making terpolymers of vinyl chloride, vinyl acetate and vinyl alcohol. 2,852,499, 9-16-58, Cl. 260-87.1.
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- Benger Laboratories Ltd.: *See*—
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- Bengefield, Alfred H. Time teaching device. 2,853,804, 9-30-58, Cl. 35-39.
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- Benham, Harold L., to General Motors Corp. Refractory mold having high permeability, composition for making and method of making same. 2,861,308, 11-25-58, Cl. 22-193.
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- Benink, Christiaan J. M., and H. Wenz, to G. M. Pfaff, A.-G. Stitch adjusting device for sewing machines. 2,844,114, 7-22-58, Cl. 112-210.
- Benink, Christiaan J. M., and H. Bungert, to G. M. Pfaff A.-G. Automatic shifting mechanism for sewing machines adapted for embroidery work. 2,854,935, 10-7-58, Cl. 112-158.
- Benink, Christiaan J. M., and R. Dobner, to G. M. Pfaff, A. G. Thread cutting device for single thread chain stitch sewing machine. 2,858,786, 11-4-58, Cl. 112-252.
- Benis, Isak. Auto locking antenna. 2,846,681, 8-5-58, Cl. 343-889.
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- Benjamin, Harry, to The Harshaw Chemical Co. Rotary plug valve retaining means. 2,836,389, 5-27-58, Cl. 251-183.
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- Benjamin, Milton L., and F. E. Winnen, to Erickson Tool Co. Recessing tool. 2,847,882, 8-19-58, Cl. 77-58.
- Benjamin, Milton L., and S. S., to Erickson Tool Co. Floating tool holder. 2,848,239, 8-19-58, Cl. 279-16.
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- Benkowski, Joseph R., to Wendell Mfg. Co. Color applying tool. 2,855,897, 10-14-58, Cl. 120-44.
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- Benner, Roland G. Cementitious mixes. 2,835,602, 5-20-58, Cl. 106-76.
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- Bennett, Andrew E., to Worthington Corp. Digester control systems. 2,861,884, 11-25-58, Cl. 92-7.
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- Bennett, Dwight G. and W. J. Plankenhorn, to United States of America, Air Force. Refractory vitreous ceramic coating materials. 2,846,325, 8-5-58, Cl. 106—54.
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- Bennett, Frank K., to Gulton Industries, Inc. Device for measuring and detecting thermal energy. 2,865,202, 12-23-58, Cl. 73—355.
- Bennett, George A., to United States of America, Atomic Energy Commission. Preparation of impervious graphite by liquid phase impregnation. 2,837,412, 6-3-58, Cl. 23—209.1.
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- Bennett, James A. J., to Hiller Helicopters. Composite aircraft system, and method of flight. 2,843,337, 7-15-58, Cl. 244—2.
- Bennett, John A., and H. C. Burnett, to United States of America, Army. Torsion fatigue testing machine for wire. 2,844,958, 7-29-58, Cl. 73—91.
- Bennett, John A., and H. C. Burnett, to United States of America, Army. Torsion testing machine for wire. 2,856,769, 10-21-58, Cl. 73—99.
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- Bennett, Marshall E., to The Upjohn Co. Oral therapeutic composition and process of preparation. 2,828,242, 3-25-58, Cl. 167—51.5.
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- Bennett, Richard C. Wide board saw apparatus. 2,833,320, 5-6-58, Cl. 143—47.
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- Bennett, Rufus B., and J. M. Powers, to Esso Research and Engineering Co. Method for recovering paraxylene. 2,820,070, 1-14-58, Cl. 260—674.
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- Bennett, Vivian R., and R. E. Brown, to Bennett Respiration Products, Inc. Positive pressure breathing apparatus. 2,834,339, 5-13-58, Cl. 128—29.
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- Bennett, Walter, to Utility Trailer Mfg. Co. Door locks adapted to mutually align doors and door frames and the like. 2,861,830, 11-25-58, Cl. 292—240.
- Bennett, Wilfred P., to Radio Corp. of America. Tunable cavity resonator. 2,820,176, 1-14-58, Cl. 315—41.
- Bennett, William F. Collapsible utility hook. 2,842,822, 7-15-58, Cl. 24—73.
- Bennett, William O., Jr., W. A. Fitz Maurice, and W. W. Mutter, to Bulova Watch Co. Inc. Program timer. 2,824,198, 2-18-58, Cl. 201—48.
- Bennett, William O., Jr., F. D. Lower, and G. Ott, Jr., to Bulova Watch Co., Inc. Package for watch main-spring. 2,841,280, 7-1-58, Cl. 206—70.
- Benning, Anthony F., J. G. Burt, and E. K. Gladding, to E. I. du Pont de Nemours & Co. Polymeric polyether-polyurethanes. 2,843,568, 7-15-58, Cl. 260—77.5.
- Benning, Anthony F., and E. K. Gladding, to E. I. du Pont de Nemours & Co. Elastomeric polyurethane compositions containing side chain alkylol groups. 2,843,569, 7-15-58, Cl. 260—77.5.
- Benning, Calvin J.: *See*—
Wilson, Christopher L., and Benning. 2,863,855.
- Benning, Wilbert O. Factory assembled housing and installation thereof. 2,855,635, 10-14-58, Cl. 20—2.
- Benninghofen, Paul: *See*—
Becker, Aloysius. 2,827,310.
Waechter, Harry J. 2,836,353.
- Benoit, Rafael. Shoe lace structure. 2,839,804, 6-24-58, Cl. 24—73.
- Benoit, Robert L., W. C. Lin, and V. N. Mackiw, to Sherritt Gordon Mines Ltd. Separation of nickel from cobalt. 2,822,262, 2-4-58, Cl. 75—109.
- Benoit, Robert L., and V. N. Mackiw, to Sherritt Gordon Mines Ltd. Separating nickel from solutions containing nickel and cobalt. 2,822,264, 2-4-58, Cl. 75—119.
- Benoit, Thomas C. Fish lure. 2,833,077, 5-6-58, Cl. 43—42.06.
- Benoit a la Guillaume, Claude: *See*—
Aigrain, Pierre, and Benoit. 2,861,165.
- Benoit-Cattin, Félix, to Compagnie Generale de Construction de Fours. Revolving-grate furnace. 2,825,293, 3-4-58, Cl. 110—35.
- Benrus Watch Co., Inc.: *See*—
Lancaster, Ralph. 2,820,275.
Slater, Norman. 2,823,524.
- Bensch, Emil, to Industriewerk Schaeffler & K. G. Radial needle and axial roller bearing. 2,839,343, 6-17-58, Cl. 308—174.
- Benschöter, James C., to Fibreboard Paper Products Corp. Bale of strip material. 2,833,403, 5-6-58, Cl. 206—60.
- Bensemann, Edward H. T., to N. Z. Inventions Development Co. Ltd. Means for combination with a nailing machine in securing the lids of fruit and like cases. 2,829,373, 4-8-58, Cl. 1—134.
- Bensen, Igor B. Control mountings for helicopter rotors. 2,861,641, 11-25-58, Cl. 170—160.27.
- Bensky, Lowell S., and L. C. Hobbs, to Radio Corp. of America. Electronic comparator device. 2,845,220, 7-29-58, Cl. 235—61.
- Benson, Albin N. Continual pressure grease cup. 2,852,098, 9-16-58, Cl. 184—39.
- Benson, Carl H., to O. F. Mossberg & Sons, Inc. Slide-action firearm with hammer releasable action lock. 2,863,247, 12-9-58, Cl. 42—20.
- Benson, Charles J., E. F. Potter, C. Rose, and E. P. Schollenberger. Self-retracting hook mechanism. 2,830,841, 4-15-58, Cl. 294—93.
- Benson, Clark K., J. C. Harris, Jr., and A. A. Caridis, to Heat and Control, Inc. Food processing machine. 2,833,203, 5-6-58, Cl. 99—404.
- Benson, David G. Attachment for safety strap for automobiles. 2,833,343, 5-6-58, Cl. 155—189.
- Benson, Don O.: *See*—
Kroll, Harley E., and Benson. 2,859,581.
- Benson, Donald O., and S. V. Sommore, to Toro Mfg. Corp. of Minnesota. Combined adjusting arm and carrying handle. 2,821,258, 1-28-58, Cl. 180—19.
- Benson, George E. W. Crate assembly clip. 2,863,194, 12-9-58, Cl. 24—73.
- Benson, George O., to Chisholm-Ryder Co., Inc. Holder for attaching a reel to the cork grip of a fishing pole. 2,837,858, 6-10-58, Cl. 43—22.
- Benson, John O., to General Mills, Inc. Cereal product with striped effect and method of making same. 2,858,217, 10-28-58, Cl. 99—80.
- Benson, John O., to General Mills, Inc. Cereal product with raspberry-like appearance and method of making same. 2,858,218, 10-28-58, Cl. 99—81.
- Benson, John O., to General Mills, Inc. Cereal product with honeycomb-like appearance and method of making same. 2,858,219, 10-28-58, Cl. 99—83.
- Benson, Richard E., to E. I. du Pont de Nemours and Co. 1,2,4- and 1,3,5-trimethylenecyclohexanes and 1,3,5,7-tetramethylenecyclooctane, their preparation from allene, and polymers of 1,2,4-trimethylenecyclohexane. 2,839,510, 6-17-58, Cl. 260—82.1.
- Benson, Richard E., to E. I. du Pont de Nemours and Co. Oxy-dicyclopentadienyl compounds of transition metals of groups VI to VIII and their preparation. 2,849,470, 8-26-58, Cl. 260—439.
- Benson, Richard T., and E. J. Boysel; said Benson assor. to said Boysel. Revolving seat stroller. 2,842,374, 7-8-58, Cl. 280—47.39.
- Benson, Victor E. Bed lifting device. 2,821,722, 2-4-58, Cl. 5—328.
- Benson, Walter F. Apparatus for building patios. 2,843,912, 7-22-58, Cl. 25—118.
- Benson, Walter H.: *See*—
Wedding, Arthur N., and Benson. 2,833,087.
- Benson, Walter J., and R. S. Longwell. Apparatus for compressing pump liner packing. 2,845,313, 7-29-58, Cl. 309—3.

- Bent, Anthony J.: *See*—
Staples, Otis E., and Bent. 2,847,910.
- Bent, Robert D.: *See*—
Ogburn, Hugh B., Bent, and Masologites. 2,849,377.
- Bente, Paul F., Jr.: *See*—
Wernlund, Christian J., and Bente. 2,842,486.
- Bente, Paul F., Jr., to E. I. du Pont de Nemours & Co. Catalyst. 2,849,408, 8-26-58, Cl. 252-474.
- Bentele, Max, to C. A. Parsons & Co. Ltd. Rotary regenerative heat exchanger. 2,865,611, 12-23-58, Cl. 257-6.
- Bentivenga, Michael J.: *See*—
Armstrong, Lorne D., and Bentivenga. 2,833,678.
- Bentley, Albert D., to General Electric Co. Visual display apparatus. 2,859,385, 11-4-58, Cl. 315-169.
- Bentley, Alfred Y., to Allen B. Du Mont Laboratories, Inc. Method of producing luminescent screens for cathode ray tubes. 2,855,325, 10-7-58, Cl. 117-33.5.
- Bentley, Donald J., and R. A. Brown, to United States Steel Corp. Pushing and pulling apparatus. 2,830,788, 4-15-58, Cl. 251-31.
- Bentley, Ephraim G., to Northrop Aircraft, Inc. Pawl type incremental motor. 2,866,910, 12-30-58, Cl. 310-20.
- Bentley, Herman R., and M. K. Rausch, to Sinclair Refining Co. Process of preparing lubricating oils. 2,853,427, 9-23-58, Cl. 196-14.46.
- Benton, Charles H., Jr., and C. D. Robeson, to Eastman Kodak Co. Crystallizable complex of vitamin A aldehyde and sesamol and its method of preparation. 2,835,679, 5-20-58, Cl. 260-340.5.
- Benton, Frank V., Jr. Cuff link. 2,847,744, 8-19-58, Cl. 24-102.
- Bentsen, Arthur R., to General Electric Co. Electric fixture. 2,841,695, 7-1-58, Cl. 240-73.
- Bentz, Lloyd O.: *See*—
Albert, Harry E., and Bentz. 2,822,414.
Albert, Harry E., and Bentz. 2,822,415.
Albert, Harry E., and Bentz. 2,849,516.
Stevens, Henry P., Bentz, and Albert. 2,849,420.
- Bentz, Ronald J., and W. B. Jeffrey, to Westinghouse Air Brake Co. Combined automatic and straight-air fluid pressure brake equipment. 2,861,843, 11-25-58, Cl. 303-26.
- Bentzman, Louis, to Saxony Electronics, Inc. Portable dryer. 2,834,866, 5-13-58, Cl. 219-39.
- Benway, Robert E., to Radio Corp. of America. Combination focusing and converging lens for multiple beam tubes. 2,861,208, 11-18-58, Cl. 313-70.
- Benyak, John B., to The Osborn Mfg. Co. Rotary stock picker. 2,827,331, 3-18-58, Cl. 300-7.
- Benyak, John B., to Osborn Mfg. Co. Tufted brush construction. 2,844,835, 7-29-58, Cl. 15-179.
- Benz, August. Wheeled shovel. 2,852,872, 9-23-58, Cl. 37-130.
- Benz, August. Wheeled shovel. 2,852,873, 9-23-58, Cl. 37-130.
- Benz, Cyril C. Separation of molten sulfur from a slurry of its ore constituents. 2,835,561, 5-20-58, Cl. 23-308.
- Benz, George, and E. H. Polak, to Polak's Frutal Works, Inc. Production of poly alkyl indanes from styrene compounds. 2,851,501, 9-9-58, Cl. 260-668.
- Benz, Heinrich: *See*—
Riehl, Wilhelm, and Benz. 2,859,071.
- Benz, Jakob, to Saul & Co., as nominee of Fidelity Union Trust Co., executive Trustee under Sandoz Trust. Copperable disazo dyestuffs. 2,835,663, 5-20-58, Cl. 260-153.
- Benz, Jakob, and W. Wehrli, to Saul & Co., as nominee of Fidelity Union Trust Co., executive, trustee under Sandoz Trust. Azo dyestuffs. 2,824,093, 2-18-58, Cl. 260-146.
- Benz, Walter W., and H. Bartholome, to Klockner-Humboldt-Deutz Aktiengesellschaft. Arrangement for attenuating spring vibrations. 2,821,971, 2-4-58, Cl. 123-90.
- Benz, William G., Jr., J. S. Sohn, and R. B. Steele, to Air Reduction Co., Inc. Method and apparatus for gas shielded localized welding. 2,843,727, 7-15-58, Cl. 219-130.
- Benzel, Howard A., to Scott Aviation Corp. Filler valve. 2,822,817, 2-11-58, Cl. 137-223.
- Benzick, Alexander, to American Motors Corp. Seat construction. 2,826,135, 3-11-58, Cl. 98-2.
- Boehner, Harry L., to Pfaunder Permutit Inc. Process of operating a demineralizing installation. 2,841,550, 7-1-58, Cl. 210-26.
- Berardinelli, Frank, R. E. Davies, and B. B. White, to Celanese Corp. of America. Preparation of polyvinyl butyral. 2,860,122, 11-11-58, Cl. 260-73.
- Berberich, Helmut, to Thoma Co. G. m. b. H. Strand suction arrangement for carding engines. 2,857,627, 10-28-58, Cl. 19-107.
- Berberich, Helmut, and F. Krähschütz, to Thoma Co. Air exhausting and filtering arrangement. 2,845,139, 7-29-58, Cl. 183-37.
- Berberich, Leo J., and C. N. Works, to Westinghouse Electric Corp. Composite gaseous insulation containing highly fluorinated organic compounds for electrical apparatus. 2,849,525, 8-26-58, Cl. 174-17.
- Berberich, Willi. Mechanism for binding sheets in pack form. 2,828,778, 4-1-58, Cl. 140-92.3.
- Berberich, Willi. Mechanism for binding sheet packs. 2,828,779, 4-1-58, Cl. 140-92.7.
- Berberich, Willi. Apparatus for manufacturing helical wire. 2,843,878, 7-22-58, Cl. 18-19.
- Berberich, William D.: *See*—
Gollub, Frank, Wool, and Berberich. 2,842,459.
- Berch, William H., to General Dynamics Corp. Signaling system controlled from a subscriber station. 2,831,926, 4-22-58, Cl. 179-84.
- Berchold, Jean. Process for photoelectric reproductions and apparatus therefor. 2,866,903, 12-30-58, Cl. 250-65.
- Berchold, Max, to I-T-E Circuit Breaker Co. Non-steady flow turbine. 2,828,103, 3-25-58, Cl. 253-66.
- Berchold, Max, to I-T-E Circuit Breaker Co. Aero-dynamic wave machine super-charger for steam generators. 2,853,979, 9-30-58, Cl. 122-4.
- Berchold, Max, and E. Niedermann, to I-T-E Circuit Breaker Co. Diesel engine supercharged by the aero-dynamic wave machine. 2,853,987, 9-30-58, Cl. 127-119.
- Berck, William F., to Ralph N. Brodie Co. Shut-off valve. 2,841,359, 7-1-58, Cl. 251-25.
- Berck, William F., to Ralph N. Brodie Co. Positive displacement type fluid meter. 2,843,094, 7-15-58, Cl. 121-71.
- Bercovitz, Bernard: *See*—
Colliver, Harold E. S. 2,861,583.
Meredew, George C., Berris, and Smedley. 2,825,493.
- Bercovitz, Nathaniel, Jr., to Collins Radio Co. Photoelectric switching device for mechanical squelch. 2,840,698, 6-24-58, Cl. 250-20.
- Berdis, Albert J., to United States Steel Corp. Method and apparatus for pickling ferrous strip. 2,821,492, 1-28-58, Cl. 134-15.
- Berendt, Carl: *See*—
Demarest, Daniel D., Perkins, Karius, and Berendt. 2,839,780.
- Beretish, William H.: *See*—
Chaiser, Richard F., and Beretish. 2,855,759.
- Berezansky, John, and G. Gdvoichin, to Tab Co. Inc. Electrical safety switch. 2,843,707, 7-15-58, Cl. 200-156.
- Berezny, William. Lint remover and pressure sensitive adhesive tape dispenser. 2,854,682, 10-7-58, Cl. 15-104.
- Berg, Arthur A. Dressing attachment for surface grinders. 2,855,917, 10-14-58, Cl. 125-11.
- Berg, Carl, to Super Valu Stores, Inc. Bag filling and sealing machines. 2,852,898, 9-23-58, Cl. 53-182.
- Berg, Chester P., and W. W. Viebahn. Ice fishing apparatus. 2,841,910, 7-8-58, Cl. 43-4.
- Berg, Clyde H. O., to Union Oil Co. of California. Process and apparatus for high temperature conversions. 2,833,837, 5-6-58, Cl. 260-679.
- Berg, Clyde H. O., to Union Oil Co. of California. Apparatus and process for high temperature conversions. 2,833,838, 5-6-58, Cl. 260-679.
- Berg, Clyde H. O., to Union Oil Co. of California. Contacting process and apparatus. 2,835,629, 5-20-58, Cl. 196-28.
- Berg, Clyde H. O., to Union Oil Co. of California. Solids conveyance process and apparatus. 2,836,465, 5-27-58, Cl. 302-53.
- Berg, Clyde H. O., to Union Oil Co. of California. Combined hydrodesulfurization and reforming process and apparatus therefor. 2,844,516, 7-22-58, Cl. 196-28.
- Berg, Clyde H. O., to Union Oil Co. of California. Hydrocarbon conversion process and apparatus. 2,849,381, 8-26-58, Cl. 196-52.
- Berg, Clyde H. O., to Union Oil Co. of California. Process for hydrocarbon boiling point reduction. 2,853,438, 9-23-58, Cl. 196-52.
- Berg, Clyde H. O., to Union Oil Co. of California. High speed shaft bearing and seal assembly. 2,854,927, 10-7-58, Cl. 103-111.
- Berg, David, & Co.: *See*—
Abrams, Donald F. 2,821,901.
- Berg, Edward T. Reglet and counter-flashing. 2,822,762, 2-11-58, Cl. 108-26.
- Berg, Edward T. Reglet and counter flashing. 2,822,763, 2-11-58, Cl. 108-26.
- Berg, Edwin A. Telephone cabinet. 2,819,140, 1-7-58, Cl. 312-242.
- Berg, Ellsworth E., 1/2 to R. D. Schrier. Quick-change receiver. 2,828,519, 4-1-58, Cl. 24-123.
- Berg, Harold: *See*—
Rheeling, Victor S. 2,843,954.
Rheeling, Victor S. 2,844,388.
- Berg, Heinz, to Alfred Teves Maschinen- und Armaturenfabrik KG. Piston ring for internal combustion engines and the like. 2,846,280, 8-5-58, Cl. 309-23.
- Berg, Herbert, J. Fischer, H. Krautwald, and A. Ruhland, to Siemens & Halske, Akt. Permanent-magnet armature for polarized electromagnetic systems, in particular for polarized relays. 2,866,927, 12-30-58, Cl. 317-171.
- Berg, Kåre W., F. Balchen, and S. Aardahl. Security device for hydraulic operated vehicle brakes. 2,860,486, 11-18-58, Cl. 60-54.5.
- Berg, Knut, O. Ahlin, and H. Lindqvist, deceased (by E. Lindqvist, administrator). Heat exchanger. 2,846,197, 8-5-58, Cl. 257-245.
- Berg, Louis. Dispensers for rolled sheet material. 2,834,646, 5-13-58, Cl. 312-39.
- Berg, Manfred V. Process for manufacturing welded cast iron tubes by electrical resistance welding. 2,834,871, 5-13-58, Cl. 219-104.
- Berg, Marcus, to Nickel Cadmium Battery Corp. Battery plate and tab assembly. 2,861,115, 11-18-58, Cl. 136-28.

- Berg, Morris J. Shirt sleeve cuff. 2,855,606, 10-14-58, Cl. 2-123.
- Berg, Quentin, to A M P Inc. Method of severing pin type connectors from strips thereof. 2,839,824, 6-24-58, Cl. 29-417.
- Berg, Quentin. Electrical connector. 2,854,648, 9-30-58, Cl. 339-276.
- Berg, Richard D., to Western Electric Co., Inc. Reciprocating dies for straightening parts. 2,822,854, 2-11-58, Cl. 153-48.
- Berg, Richard D., to Western Electric Co., Inc. Burring tool. 2,848,787, 8-26-58, Cl. 29-95.
- Berg, Rudolph G.: *See—*
Buckley, Jay S., Jr., and Berg. 2,824,120.
- Berg, Wendell T.: *See—*
Thomas, John W., Asmus, and Berg. 2,834,468.
- Berg, Wendell T., to The Standard Oil Co. Spacers for holding a gasket in place and for obtaining slit width with thermal diffusion plates. 2,834,440, 5-13-58, Cl. 189-36.
- Bergan, Martin D., to The Thomas & Betts Co. Flexible liquid-tight conduit connectors. 2,821,567, 1-28-58, Cl. 174-78.
- Bergé, Georges. Self-contained breathing apparatus. 2,844,145, 7-22-58, Cl. 128-142.
- Berge, Olav, and D. G. Smith, to Moffats Ltd. Door hinge mechanism. 2,842,117, 7-8-58, Cl. 126-194.
- Berge, Olav O., to Thor Power Tool Co. Rope drum device. 2,853,273, 9-23-58, Cl. 254-147.
- Bergelson, Irving. Adjustable cloth roll arbor. 2,851,227, 9-9-58, Cl. 242-72.1.
- Bergemann, Paul: *See—*
King, Valentine J. 2,865,113.
- Bergemann, T. L.: *See—*
King, Valentine J. 2,865,113.
- Bergemann, William: *See—*
King, Valentine J. 2,865,113.
- Bergen, George R.: *See—*
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- Bergen Machine & Tool Co., Inc.: *See—*
Kovach, John E. 2,839,810.
- Bergen Pipesupport Corp.: *See—*
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- Berger, Alexander: *See—*
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- Berger Brothers Co., The: *See—*
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- Berger, Carl, to Union Carbide Corp. Apparatus for dehydrating liquids. 2,864,243, 12-16-58, Cl. 62-123.
- Berger, Carl, and L. J. Novak, to The Commonwealth Engineering Co., of Ohio. Ferrous carboxymethyl dextran. 2,862,920, 12-2-58, Cl. 260-209.
- Berger, Carl D., and E. E. Witt, to Campbell Soup Co. Process for the recovery of alpha-ketoglutaric acid. 2,841,616, 7-1-58, Cl. 260-537.
- Berger, David: *See—*
Berger, Joseph B. and D. 2,838,976.
- Berger, Donald E., to Phillips Petroleum Co. Composition control of aqueous ammonia solution by differential pressure. 2,825,630, 3-4-58, Cl. 23-193.
- Berger, Edward H. Plant protector. 2,822,644, 2-11-58, Cl. 47-32.
- Berger, France B., to General Precision Laboratory Inc. Range gated doppler radar. 2,847,666, 8-12-58, Cl. 343-8.
- Berger, France B., to General Precision Laboratory Inc. Aircraft navigation system. 2,847,855, 8-19-58, Cl. 73-178.
- Berger, France B., to General Precision Laboratory Inc. Aircraft drift angle measuring instrument. 2,857,590, 10-21-58, Cl. 343-8.
- Berger, France B., to General Precision Laboratory Inc. Microwave frequency control. 2,866,190, 12-23-58, Cl. 343-9.
- Berger, Francois C. E. M., and P. A. H. Roussel, to International Standard Electric Corp. Power line signalling system. 2,860,324, 11-11-58, Cl. 340-310.
- Berger, Harold, to General Electric Co. Light responsive system. 2,855,523, 10-7-58, Cl. 250-216.
- Berger, Harold J.: *See—*
Berger, Margaret O. and H. J. 2,857,953.
- Berger, Helmut, to Siemens-Reiniger-Werke Akt. X-ray shutter apparatus. 2,846,588, 8-5-58, Cl. 250-62.
- Berger, Henry G., F. P. Otto, and J. W. Schick, to Socony Mobil Oil Co., Inc. Phosphorus- and sulfur-containing complex metal salts of oxidized hydrocarbons and oil compositions thereof. 2,830,949, 4-15-58, Cl. 252-32.7.
- Berger, Irvin E., to Premier-Hall Mfg. Co. Pivotal-sliding door cabinet. Re. 24,498, 7-8-58, Cl. 312-325.
- Berger, Jack H., 1/2 to E. F. Reimer and A. D. Penner. Electric lamps. 2,851,623, 9-9-58, Cl. 313-51.
- Berger, Jacob: *See—*
Gottfried, Louis. 2,823,067.
- Berger, Johannes, and G. Lange, to Carl Zeiss. Photographic objective. 2,831,397, 4-22-58, Cl. 88-57.
- Berger, Joseph B. and D. Container with animated display. 2,838,976, 6-17-58, Cl. 88-18.8.
- Berger, Kornel. Spring-loaded universal joint for conduits. 2,862,730, 12-2-58, Cl. 285-164.
- Berger, Margaret O. and H. J. Auxiliary seat for strollers. 2,857,953, 10-28-58, Cl. 155-10.
- Berger, Michel C., 1/4 to E. A. Bourcart, and 1/2 to Technique et Commerce. Helicopter. 2,862,680, 12-2-58, Cl. 244-17.17.
- Berger, Paul, to Advance Transformer Co. Apparatus for igniting and operating gaseous discharge devices. 2,837,697, 6-3-58, Cl. 315-138.
- Berger, Theodore E. Selvege protector. 2,841,185, 7-1-58, Cl. 139-195.
- Berger, William H., and L. Kosover. Physical rehabilitation device. 2,819,755, 1-14-58, Cl. 155-22.
- Bergeron, Grafton L., and C. K. Bon, to The Dow Chemical Co. Process for the recovery of dissolved mercury salts from brine effluent from mercury cathode electrolytic cells. 2,860,952, 11-18-58, Cl. 23-134.
- Bergeron, Joseph C., Sr. Nut harvester. 2,822,658, 2-11-58, Cl. 56-328.
- Bergeron, Raymond H. Bale forks. 2,832,634, 4-29-58, Cl. 294-109.
- Bergeron, Raymond H. Tractor safety hitches. 2,863,372, 12-9-58, Cl. 97-47.89.
- Bergeson, Raymond L., to Minneapolis-Honeywell Regulator Co. Aircraft fuel load center of gravity control means. 2,823,880, 2-18-58, Cl. 244-135.
- Bergeson, Raymond L., to Minneapolis-Honeywell Regulator Co. Center of gravity responsive apparatus. 2,838,928, 6-17-58, Cl. 73-65.
- Bergfelt, Nils H.: *See—*
Hawthorne, Nathaniel F., and Bergfelt. 2,847,160.
Plunkett, Gilman, and Bergfelt. 2,824,695.
- Bergfors, Carl A., to International Business Machines Corp. Transistor trigger circuit with tube controlling emitter. 2,825,806, 3-4-58, Cl. 250-27.
- Bergfors, Carl A., to International Business Machines Corp. Electronic multiplying machine. 2,829,827, 4-8-58, Cl. 235-61.
- Bergh, Sven S., C. A. G. Ericsson, and B. Troberg, to Wargons Aktiebolag. Method for the production of metal powders. 2,834,666, 5-13-58, Cl. 75-0.5.
- Berghaus, Bernhard, and H. Bucek, to Elektrophysikalische Anstalt Bernhard Berghaus. Process and apparatus for carrying out reactions by the action of electrical glow discharges. 2,837,654, 6-3-58, Cl. 250-49.5.
- Berghaus, Ewald O., to Pintsch Bamag Akt. Electrolytic apparatus. 2,862,864, 12-2-58, Cl. 204-256.
- Berghoff, Robert R., to General Electric Co. Voltage stabilizing system. 2,825,024, 2-25-58, Cl. 323-61.
- Bergholt, Alice A. Broom head holder and cover. 2,820,685, 1-21-58, Cl. 312-207.
- Bergholt, Alice A. Elbow treatment device. 2,860,629, 11-18-58, Cl. 128-57.
- Bergin, James J., and A. B. Wintringham, to Ethyl Corp. Ethylation process. 2,819,281, 1-7-58, Cl. 260-437.
- Bergin, Martha J., to Sylvania Electric Products Inc. Phosphor coating suspension. 2,841,562, 7-1-58, Cl. 252-301.3.
- Berglund, Sven G.: *See—*
Karp, Edward C., and Berglund. 2,825,369.
- Bergman, Carl-Axel L., to Kemiska A B Candor. Wet tumbling in rotating barrels. 2,860,456, 11-18-58, Cl. 51-164.
- Bergman, Gustav A. Explosion percussion machines with a freely running striking piston. 2,854,962, 10-7-58, Cl. 123-7.
- Bergman, Lars E., to Arenco Aktiebolag. Means for detecting defects in cigarette assemblies. 2,854,538, 9-30-58, Cl. 200-61.41.
- Bergman, Ralph R.: *See—*
Taylor, John O., and Bergman. 2,834,132.
- Bergman, Raymond W., and W. F. Lodding, to Ethicon, Inc. Apparatus for slitting bovine intestines. 2,831,209, 4-22-58, Cl. 17-43.
- Bergman, Robert H.: *See—*
Parks, Raymond W., and Bergman. 2,827,198.
- Bergman, Robert T., to Automotive Rubber Co., Inc. Battery hold-down. 2,853,143, 9-23-58, Cl. 180-68.5.
- Bergman, Sven G. Pendulum driving device. 2,830,554, 4-15-58, Cl. 116-148.
- Bergman, William E., and W. L. Stalder, to Phillips Petroleum Co. Method of recovering heterocyclic nitrogen bases from aqueous solutions. 2,849,358, 8-26-58, Cl. 204-180.
- Bergmann, Charles, to Westinghouse Electric Corp. Instrument bearing assembly. 2,865,687, 12-23-58, Cl. 308-159.
- Bergmann, Ernst R., to Goodman Mfg. Co. Shaker conveyor loading device. 2,833,389, 5-6-58, Cl. 198-14.
- Bergmann, Ernst R., to Goodman Mfg. Co. Extensible conveyors. 2,846,054, 8-5-58, Cl. 198-232.
- Bergmann, Friedrich: *See—*
Schlecht, Leo, Oestreicher, and Bergmann. 2,851,347.
- Bergmann, Friedrich, to Badische Anilin- & Soda-Fabrik Akt. Overload releasing magnetic powder-clutch. 2,847,101, 8-12-58, Cl. 192-21.5.
- Bergmark, John C., to Derby Sealers, Inc. Tape dispenser with tape-heating means. 2,861,539, 11-25-58, Cl. 118-59.
- Bergner, Harold M. Flatiron safety stand. 2,844,343, 7-22-58, Cl. 248-117.2.
- Bergquist, Carl G., to Electrolux Corp. Dual purpose nozzle. 2,844,841, 7-29-58, Cl. 15-417.
- Bergquist, Frank H.: *See—*
Huff, Norman M., and Bergquist. 2,855,956.
Lamar, Charles C., and Bergquist. 2,855,954.
Lamar, Charles C., Huff, and Bergquist. 2,855,957.

- Bergren, Harley E.: See—
Schrage, Frederick S. 2,823,014.
- Bergsland, Charles H., R. S. Karinen, D. M. Sorensen, W. J. Jeffrey, and W. H. Neumeister, to General Mills, Inc. Component preparation machine. 2,828,592, 4-1-58, Cl. 53-74.
- Bergsland, Charles H., and R. S. Hedin, to General Mills, Inc. Remote controlled handling unit. 2,861,701, 11-25-58, Cl. 214-1.
- Bergsma, Rudolph, to King-Seeley Corp. Pinion and idler gear for ratchet assembly. 2,858,918, 11-4-58, Cl. 192-46.
- Bergstad, Ralph H., and D. D. Butler, to United States of America, Navy. Tactical training device for simulating radar displays. 2,838,848, 6-17-58, Cl. 35-10.4.
- Bergstedt, Milton A., to Johnson & Johnson. Adhesive coated metallic sheet and its method of manufacturing. 2,852,421, 9-16-58, Cl. 148-6.14.
- Bergstein, Frank D.: See—
Bergstein, Robert M. 2,851,211.
- Bergstein, Frank D., to Bergstein Packaging Trust, a trust composed of R. M. and F. D. Bergstein, trustees. Shallow wall automatic box. 2,851,209, 9-9-58, Cl. 229-32.
- Bergstein, Frank D., to Bergstein Packaging Trust. Self-forming pouring spout for containers. 2,862,649, 12-2-58, Cl. 222-531.
- Bergstein, Frank D., to The Bergstein Packaging Trust. Containers having strong end closures and methods of making them. 2,865,550, 12-23-58, Cl. 229-17.
- Bergstein Packaging Trust, The: See—
Bergstein, Frank D. 2,851,209.
Bergstein, Frank D. 2,862,649.
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Bergstein, Robert M. 2,851,211.
- Bergstein, Robert M., to The Bergstein Packaging Trust, composed of R. M. and F. D. Bergstein, trustees. Boxes having reversible handles. 2,851,211, 9-9-58, Cl. 229-52.
- Bergsteinsson, Ingolfur, to Union Oil Co. of California. Purification of xylene-ethylbenzene mixtures. 2,834,821, 5-13-58, Cl. 260-674.
- Bergstrand, Andrew P., to Strombeck-Becker Mfg. Co. Toy furniture. 2,842,780, 7-15-58, Cl. 5-29.
- Bergstrom, Carl P., to Crompton & Knowles Loom Works. Letoff for loom. 2,837,123, 6-3-58, Cl. 139-110.
- Bergstrom, Carl P., E. F. Dolbeare, and E. R. Holmes, to Crompton & Knowles Loom Works. Paper pattern indicated dobby. 2,856,964, 10-21-58, Cl. 139-68.
- Bergstrom, Eric V., to Socony Mobil Oil Co., Inc. Method and apparatus for separating granular particles from lift gas in a pneumatic lift. 2,819,124, 1-7-58, Cl. 302-59.
- Bergstrom, Eric V., to Socony Mobil Oil Co., Inc. Continuous hydrocarbon conversion process employing a compact mass lift. 2,854,405, 9-30-58, Cl. 208-175.
- Bergstrom, Frank S., to Drill Development Co. Method of making punch plate screens. 2,861,326, 11-25-58, Cl. 29-163.5.
- Bergstrom, Harold A., to Continental Can Co., Inc. Fiber drum with metal bottom end having center support. 2,819,007, 1-7-58, Cl. 229-5.5.
- Bergstrom, Ralph W., and H. D. Lindeman, to Campbell Soup Co. Poultry boning machine. 2,840,849, 7-1-58, Cl. 17-1.
- Bergstrom, Roland F., H. M. Trowbridge, and R. C. Jones, to Shell Development Co. Lubricating compositions. 2,820,010, 1-14-58, Cl. 252-33.4.
- Bergstrom, Walter C., to The Weldon Tool Co. Counter-sinking, counterboring and deburring tool. 2,829,543, 4-8-58, Cl. 77-73.5.
- Bergstrom, Walter C., to The Weldon Tool Co. Counter-sinking and counterboring tool. 2,829,544, 4-8-58, Cl. 77-73.5.
- Bergwerksgesellschaft Hibernia Aktiengesellschaft: See—
Rindtorff, Ermbrecht, and Schmitt. 2,827,493.
- Beri, Laslo. Fishing rod holder. 2,828,096, 3-25-58, Cl. 248-40.
- Beriger, Ernst: See—
Sallmann, Richard, Beriger, and Geiger. 2,853,132.
- Berisch, Erhard: See—
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- Berk, F. W., & Co. Ltd.: See—
Fletcher, Bertram G. 2,833,511.
- Berk, Martin A.: See—
Beldin, Royal L., and Berk. 2,831,566.
- Berke, Joseph D. Compound pliers. 2,827,698, 3-25-58, Cl. 32-66.
- Berkeley Chemical Corp.: See—
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Beinfest, Sidney, Adams, and Halpern. 2,837,561.
Beinfest, Sidney, Halpern, and Gister. 2,857,680.
Beinfest, Sidney, Halpern, Gister, Adams, and Zelkind. 2,857,681.
- Berkeley, Edmund C., and E. Kahan, to Berkeley Enterprises, Inc. Variable circuit construction devices and switches therefor. 2,848,568, 8-19-58, Cl. 200-11.
- Berkeley Enterprises, Inc.: See—
Berkeley, Edmund C., and Kahan. 2,848,568.
- Berkelhamer, Louis H., to D. T. Siegel. Pile resistor. 2,844,692, 7-22-58, Cl. 201-63.
- Berkelmans, Nicholas T. Stenographic machine. 2,835,368, 5-20-58, Cl. 197-9.
- Berkenhoff, Heinz, to Steatit-Magnesia Akt. Film projector. 2,838,304, 6-10-58, Cl. 271-2.3.
- Berkery, Eugene A., to Bell Telephone Laboratories, Inc. Current supply apparatus. 2,820,941, 1-21-58, Cl. 321-18.
- Berkhout, Hendricus L., to North American Philips Co., Inc. Circuit arrangement for use in television receivers. 2,854,507, 9-30-58, Cl. 178-7.5.
- Berkhout, Hendricus L., F. Kerkhof, and P. J. H. Janssen, to North American Philips Co., Inc. Contrast control-circuit in television receivers. 2,820,093, 1-14-58, Cl. 178-7.5.
- Berkley, Howard L., and F. E. Le Count, to Williston Seamless Can Co., Inc. Machines for shaping seamless metal cans and the like. 2,843,070, 7-15-58, Cl. 113-38.
- Berkley Machine Co.: See—
Winkler, Richard, and Dunnebie. 2,821,161.
Winkler, Richard, and Dunnebie. 2,856,189.
- Berkman, Herbert A., to Zim Mfg. Co. Closure remover with venting means. 2,837,946, 6-10-58, Cl. 81-3.1.
- Berkman, John W., to Research Corp. Vacuum control system. 2,863,287, 12-9-58, Cl. 60-60.
- Berko Electric Mfg. Corp.: See—
Knoll, David. 2,861,168.
- Berkoben, Charles W., to Westinghouse Air Brake Co. Air-craft brake control apparatus. 2,858,092, 10-28-58, Cl. 244-111.
- Berkowitz, Irving, to Kason Hardware Corp. Safety lock. 2,855,771, 10-14-58, Cl. 70-92.
- Berkowitz, Leonard I., to L. B. Darling Co., Inc. Control freezing of meat. 2,825,652, 3-4-58, Cl. 99-194.
- Berl, John E. Bib. 2,852,778, 9-23-58, Cl. 2-49.
- Berlenbach, Bernard E. Safety binding for a ski. 2,823,922, 2-18-58, Cl. 280-11.35.
- Berlenbach, Bernard E. Heel anchoring means for a ski boot. 2,851,278, 9-9-58, Cl. 280-11.35.
- Berlencourt, Paul. Apparatus for applying friction closures to containers. 2,842,924, 7-15-58, Cl. 53-319.
- Berlepsch, Joseph C., Jr.: See—
Crowley, Cornelius J., and Berlepsch. 2,864,617.
- Berlin Chapman Co.: See—
Bella, Edwin A. 2,846,704.
De Namur, Norman F. 2,836,832.
Walworth, Robert S., and De Namur. 2,846,738.
- Berlin, Charles E. Radio antenna. 2,863,143, 12-2-58, Cl. 343-717.
- Berlin, Charles E. Radio antenna. 2,863,147, 12-2-58, Cl. 343-787.
- Berlin, Dennis. Collapsible shopping cart. 2,835,500, 5-20-58, Cl. 280-36.
- Berlin & Jones Co., Inc.: See—
Cooke, John A. 2,860,826.
Fromm, Fred. 2,840,295.
Fromm, Fred. 2,840,296.
Fromm, Fred, and Watson. 2,858,061.
Watson, Charles S. 2,835,434.
- Berlin, Ludwig W., and P. Heimke, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. New photo-sensitizing dyestuffs containing a tetrahydroquinazoline group. 2,861,989, 11-25-58, Cl. 260-240.4.
- Berlin, Maier. Calendars. 2,839,859, 6-24-58, Cl. 40-112.
- Berlin, Milton, and L. M. Rheingold, to Templet Industries, Inc. Rule die set and method of making same. 2,850,096, 9-2-58, Cl. 164-118.
- Berliner, Abraham. Dental instrument. 2,818,647, 1-7-58, Cl. 32-50.
- Berliner, Henry A.: See—
Greene, William L., and Berliner. 2,834,868.
- Berliner, Henry A. Method of manufacturing a structural panel. 2,839,812, 6-24-58, Cl. 25-154.
- Berliner, Julius F. T. Method of processing raw wood. 2,835,292, 5-20-58, Cl. 144-309.
- Berliner Maschinenbau-Actien-Gesellschaft vormals L. Schwartzkopf: See—
Diener, Richard. 2,826,087.
- Berling, William E. Hammer mill construction. 2,858,082, 10-28-58, Cl. 241-186.
- Berlinghof, William L., Jr., to Woodmont Products, Inc. Conductive ink and article coated therewith. 2,851,380, 9-9-58, Cl. 117-212.
- Berlinsky, Anthony A., L. F. Wilkinson, R. Kee, and L. T. Wood, to United States of America, Commerce. Automatic stencil cutter. 2,854,117, 9-30-58, Cl. 197-20.
- Berlyn, Martin J., to Dominion Engineering Works Ltd. Method and apparatus for forming pulp stock into a sheet. 2,859,668, 11-11-58, Cl. 92-44.
- Berman, Eugene, and A. Eisenberg: said E. Berman, now by change of name, E. Beerman. Let-down type vehicle closure. 2,836,457, 5-27-58, Cl. 296-44.
- Berman, Irvin, to Sylvania Electric Products Inc. Fabrication of semiconductor devices. 2,859,394, 11-4-58, Cl. 317-236.
- Berman, Max G., A. Irwin, and D. W. Kershner, to Thiokol Chemical Corp. Igniter. 2,849,300, 8-26-58, Cl. 44-40.
- Berman, Sterling M. Apparatus for spraying liquids. 2,858,965, 11-4-58, Cl. 222-333.
- Birmingham, Peter D., 10% to J. W. Freeman, and 5% to R. V. Maher. Combined seal and retaining device. 2,861,712, 11-25-58, Cl. 220-55.
- Bernadyn, John, to Bendix Aviation Corp. Three phase A. C. protection relay. 2,851,640, 9-9-58, Cl. 317-9.
- Bernard, Arthur A. Torch for gas shielded metal arc welding. 2,833,913, 5-6-58, Cl. 219-130.

- Bernard, Arthur A. Method and apparatus for gas-shielded metal arc welding. 2,836,701, 5-27-58, Cl. 219-74.
- Bernard, Arthur A. and R. A. Method and apparatus for fluid flux arc welding. 2,864,934, 12-16-58, Cl. 219-74.
- Bernard, Francois R. C., to Radio Corp. of America. Television test apparatus. 2,855,515, 10-7-58, Cl. 250-36.
- Bernard, George G.: *See*—
- Lorenz, Roy H., Holbrook, and Bernard. 2,846,012.
- Bernard, George L.: *See*—
- McGibbon, Verdun R., Taylor, Bernard, and Freyberger. 2,827,430.
- Bernard, Harry M., Jr., to United States Steel Corp. Stop for double-draft piling of sheets. 2,839,295, 6-17-58, Cl. 271-86.
- Bernard, James L., Jr. Electric switches. 2,847,522, 8-12-58, Cl. 200-6.
- Bernard, Jean L. M., to Compagnie De Pont-A-Mousson. Control device for a transmission. 2,828,642, 4-1-58, Cl. 74-472.
- Bernard, John E., Jr. Oxy-acetylene hose reel. 2,823,074, 2-11-58, Cl. 299-78.
- Bernard, Louis A., and A. L. Pond. Device for sealing sewer pipe lines. 2,851,061, 9-9-58, Cl. 138-97.
- Bernard, Paul. Liquid flow device with an almost constant delivery. 2,832,203, 4-29-58, Cl. 61-18.
- Bernard, Richard A.: *See*—
- Bernard, Arthur A. and R. A. 2,864,934.
- Bernard, Robert A., to E. I. du Pont de Nemours and Co. Chemical process. 2,831,012, 4-15-58, Cl. 260-453.
- Bernardi, Luigi: *See*—
- Alberti, Carlo G., Bernardi, Larini, and Vercellone. 2,824,878.
- Alberti, Carlo G., Vercellone, Larini, and Bernardi. 2,848,494.
- Bernardinelli, Anthony J. Money holders for motor vehicles. 2,829,777, 4-8-58, Cl. 211-49.
- Bernardoni, Frank E.: *See*—
- Bernardoni, John and F. E. 2,835,360.
- Bernardoni, John, and F. E. Insulated non-heat conducting metal window frame. 2,835,360, 5-20-58, Cl. 189-75.
- Bernaer, William H.: *See*—
- Criscione, John M., and Bernauer. 2,860,170.
- Bernbaum, Lester M. Target indicating mechanism. 2,866,967, 12-30-58, Cl. 343-11.
- Berndt, Alexander J., to W. W. Stillman. Inhalation apparatus. 2,831,607, 4-22-58, Cl. 222-3.
- Berndt, Arthur A., to Electroline Co. Connector for stranded cables. 2,859,424, 11-4-58, Cl. 339-248.
- Berndt, Lyle H., and R. A. Klein, to National Dairy Products Corp. Irish moss. 2,830,903, 4-15-58, Cl. 99-25.
- Berneis, Kurt H., to Imperial Chemical Industries Ltd. Production of hydroperoxides. 2,820,832, 1-21-58, Cl. 260-610.
- Berner, Erling: *See*—
- Munters, Carl G., and Berner. 2,855,869.
- Berner, Ray. Earth boring rig for tractors. 2,859,014, 11-4-58, Cl. 255-20.
- Berney, Joseph C.: *See*—
- Chaplin, Oliver F., and Berney. 2,852,989.
- Works, William R., and Berney. 2,860,597.
- Berney, Joseph C., to Towlsaver, Inc. Control system for dispenser for strip material. 2,859,814, 11-11-58, Cl. 164-84.5.
- Bernhard, Benjamin S., to The American Hardware Corp. Door closer. 2,851,719, 9-16-58, Cl. 16-49.
- Bernhard, Elisabeth J. (nee Baehr): *See*—
- Bähr, Johannes. 2,835,559.
- Bernhardt, Alfred A.: *See*—
- Teller, W. Kedzie, and Bernhardt. 2,854,133.
- Bernhardt, Ernest C., and H. B. Whitfield, Jr., to E. I. du Pont de Nemours and Co. Method for extruding and foaming resin. 2,860,377, 11-18-48, Cl. 18-48.
- Bernhardt, Eugen, to C. Zeiss. Microscope objectives for epi-microscopes. 2,844,992, 7-29-58, Cl. 88-39.
- Bernhardt, Heinz, to VEB Carl Zeiss Jena. Microscope lenses for lower-power magnification. 2,822,728, 2-11-58, Cl. 88-57.
- Bernhauer, Konrad, and W. Friedrich, to Firma Aschaffenburger Zellstoffwerke Aktiengesellschaft. Methods and compositions for controlling animal parasites. 2,822,165, 2-11-58, Cl. 167-81.
- Bernick, Leslie M., H. M. Roelofs, and J. E. McFarland, to Inland Steel Co. Pretreatment of iron or steel base for single coat vitreous enameling. 2,862,841, 12-2-58, Cl. 148-6.
- Bernick, Leslie M., H. M. Roelofs, and J. E. McFarland, to Inland Steel Co. Pretreatment of iron or steel base for single coat vitreous enameling. 2,862,842, 12-2-58, Cl. 148-6.
- Bernier, Napoleon M., and N. Wiseblood, said Bernier assor. to California Stucco Products of New England, Inc. Paving mixture comprising vermiculite, rubber, sand and bituminous binder. 2,863,841, 12-9-58, Cl. 260-28.5.
- Berninger, Kenneth L., D. E. Royer, and W. A. Weis, to General Motors Corp. Governor valve assembly. 2,839,070, 6-17-58, Cl. 137-19.
- Berno, Harmond E., to Ford Motor Co. Motor vehicle brake construction. 2,818,941, 1-7-58, Cl. 188-78.
- Bernreuter, Herbert A., to American Gage & Machine Co. Electrical instruments with core magnet movement. 2,826,740, 3-11-58, Cl. 324-151.
- Bernstein, Allan C., $\frac{1}{2}$ to N. A. Karr and $\frac{1}{2}$ to P. H. Seaman. School to home communication system. 2,855,461, 10-7-58, Cl. 179-1.
- Bernstein, Carl, to Emulsol Chemical Corp. Sulfonation of alkyl benzenes with sulfur trioxide. 2,832,801, 4-29-58, Cl. 260-505.
- Bernstein, Gerald D.: *See*—
- Bernstein, Samuel, Finger, and Bernstein. 2,866,068.
- Bernstein, Jack: *See*—
- Yale, Harry L., and Bernstein. 2,828,314.
- Yale, Harry L., and Bernstein. 2,846,438.
- Bernstein, Jack, and H. L. Yale, to Olin Mathieson Chemical Corp. Oxadiazole derivatives. 2,832,787, 4-29-58, Cl. 260-307.
- Bernstein, Jack, and W. A. Lott, to Olin Mathieson Chemical Corp. Isonicotinic acid hydrazide derivatives. 2,838,914, 6-17-58, Cl. 260-292.
- Bernstein, Jack, and B. Stearns, to Olin Mathieson Chemical Corp. Alkylaminoalkyl 4-alkoxy-2,6-dialkylbenzoates. 2,844,621, 7-22-58, Cl. 260-473.
- Bernstein, Jack J., to Ebert Electronics Co. High frequency tuners. 2,839,676, 6-17-58, Cl. 250-20.
- Bernstein, Max: *See*—
- Hyman, Joseph, and Bernstein. 2,828,042.
- Bernstein, Russell W. Abrasive grinding wheel. 2,818,692, 1-7-58, Cl. 51-193.5.
- Bernstein, Russell W., and A. Block. Abrasive wheel. 2,818,693, 1-7-58, Cl. 51-194.
- Bernstein, Russell W., and A. Block, to Merit Products, Inc. Sectional abrasive drum. 2,821,819, 2-4-58, Cl. 51-193.5.
- Bernstein, Russell W., and A. Block, to Merit Products, Inc. Abrasive wheel and replaceable abrasive unit therefor. 2,843,980, 7-22-58, Cl. 51-193.5.
- Bernstein, Samuel, A. F. Finger, and G. D. Bernstein. Electrically heated butcher knife. 2,866,068, 12-23-58, Cl. 219-21.
- Bernstein, Samuel M. Exhaust fan housing. 2,857,836, 10-28-58, Cl. 98-43.
- Bernstein, Seymour, and R. H. Lenhard, to American Cyanamid Co. $\Delta 4,9(11)$ -pregnadienes. 2,831,002, 4-15-58, Cl. 260-397.45.
- Bernstein, Seymour, and R. H. Lenhard, to American Cyanamid Co. $9\alpha,11\beta,16\alpha,17\alpha,21$ -penta-hydroxy-4-pregnene-3,20 dione, its 16,21 diesters and process of preparing the above compounds. 2,837,545, 6-3-58, Cl. 260-397.45.
- Bernstein, Seymour, and R. Littell, to American Cyanamid Co. New steroid compounds. 2,846,454, 8-5-58, Cl. 260-397.4.
- Bernstein, Stanley, to General Electric Co. Precision limiter circuit for a radiation-type gauge. 2,861,189, 11-18-58, Cl. 250-83.3.
- Berntsen, Trygve. Installation for hydraulic lifting of sliding shutters. 2,851,759, 9-16-58, Cl. 25-131.
- Bernz, Otto, Co., Inc.: *See*—
- Miles, George N. 2,831,757.
- Miles, George N., and Olschner. 2,831,756.
- Webster, Milo E. 2,841,694.
- Webster, Milo E. 2,854,991.
- Beroza, Morton, to United States of America, Agriculture. 3,4-methylenedioxyphenyl acetals as synergists for pyrethrins. 2,832,792, 4-29-58, Cl. 260-340.5.
- Berquier, André: *See*—
- Masson, Bernard, Thibaut, and Berquier. 2,830,623.
- Berquist, Leonard G., to Clark Equipment Co. Method of and means for handling coils of wire. 2,841,300, 7-1-58, Cl. 214-620.
- Berra, James, and J. B. McGinn, to American Viscose Corp. Single beam racks. 2,828,023, 3-25-58, Cl. 211-13.
- Berremann, Dwight W., to California Institute Research Foundation. Focusing crystal for X-rays and method of manufacture. 2,853,617, 9-23-58, Cl. 250-51.
- Berridge, Charles A., to General Electric Co. Room temperature curing organopolysiloxane. 2,843,555, 7-15-58, Cl. 260-18.
- Berridge, Charles A., to General Electric Co. Spongeable polysiloxane composition and process of producing sponge therefrom. 2,857,343, 10-21-58, Cl. 260-2.5.
- Berrier, Harry H., Jr. Small animal speculum. 2,827,042, 3-18-58, Cl. 128-19.
- Berriman, Lester P.: *See*—
- Himel, Chester M., and Berriman. 2,848,488.
- Bérrizabal, José M.: *See*—
- De Sollano, Carlos S., and Bérrizabal. 2,854,339.
- Berris, Kenneth V. W.: *See*—
- Meredew, George C., Berris, and Smedley. 2,825,493.
- Berry, Carl F. Sounding toy. 2,854,789, 10-7-58, Cl. 46-193.
- Berry, Charles C., to Lees, James and Sons, Co. Carpet yarn and method of making same. 2,821,835, 2-4-58, Cl. 57-139.
- Berry, Charles M., R. W. H. Chang, N. M. Le Bard, and S. E. Miller, to General Mills, Inc. Improved process of isolating sterols. 2,866,797, 12-30-58, Cl. 260-397.25.
- Berry, Clarence R.: *See*—
- Carlson, Carl J., and Berry. 2,826,268.
- Berry, Clifford E., to Consolidated Electrodynamics Corp. End support arrangements for string galvanometer. 2,837,717, 6-3-58, Cl. 324-154.

- Berry, Clifford E., to Consolidated Electrodynamics Corp. Negative feedback amplifier in a measuring system. 2,856,468, 10-14-58, Cl. 179-171.
- Berry, Clifford E., to Consolidated Electrodynamics Corp. Linearizing arrangement for string galvanometer. 2,866,160, 12-23-58, Cl. 324-154.
- Berry, Dan E. Releasable coupling and safety sub. 2,840,168, 6-24-58, Cl. 166-219.
- Berry, Ernest V. Vertically retractable auxiliary wheels for railroad cars. 2,861,523, 11-25-58, Cl. 105-215.
- Berry, Francis G., to United States of America, Atomic Energy Commission. Photographic film developer. 2,840,471, 6-24-58, Cl. 96-66.
- Berry, Francois J. B. Apparatus for sorting solid products by density. 2,853,192, 9-23-58, Cl. 209-469.
- Berry, Frank, to Oliver Tyronne Corp. Multiple control valve for fluid pumps, motors and transmissions. 2,833,308, 5-6-58, Cl. 137-622.
- Berry, George L. Figure gauge for saw mills. 2,822,835, 2-11-58, Cl. 143-124.
- Berry, Harry W., to Flextol Engineering Co. Ltd. Fettling machines. 2,859,567, 11-11-58, Cl. 51-178.
- Berry, Inez A., and W. C. Berry. Fruit slicer. 2,852,053, 9-16-58, Cl. 146-169.
- Berry, Jack E. Light beam modulator. 2,832,884, 4-29-58, Cl. 250-7.
- Berry, John C., and W. J. Hosiery package. 2,855,097, 10-7-58, Cl. 206-46.
- Berry, John E. Instructional building blocks. 2,839,841, 6-24-58, Cl. 35-18.
- Berry, Kenneth L., to E. I. du Pont de Nemours and Co. Process for preparing fibrous and water insoluble alkali metal titanates and new fibrous crystalline alkali metal tetratitanates obtained thereby. 2,841,470, 7-1-58, Cl. 23-51.
- Berry, Kenneth O. Stretchable plastic-coated fabric and method of making the same. 2,836,509, 5-27-58, Cl. 117-7.
- Berry, Norton E., to Arkla Air Conditioning Corp. Refrigeration. 2,822,673, 2-11-58, Cl. 62-119.
- Berry, Robert W., Jr.: See—
- Bader, William, and Berry. 2,831,241.
- Berry, Thomas F.: See—
- Allen, Walter C., and Berry. 2,820,704.
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- Berry, Willard C.: See—
- Berry, Inez A., and W. C. 2,852,053.
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- Bersworth, Frederick C., to The Dow Chemical Co. Method and composition for ammoniation of soils. 2,833,640, 5-6-58, Cl. 71-27.
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- Bert, Samuel. Ice shaving machine. 2,852,201, 9-16-58, Cl. 241-92.
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- Bertell, Paul, L. C. Meade, and G. A. Weingartner, to Standard Mirror Co., Inc. Rear vision mirror mounting. 2,836,104, 5-27-58, Cl. 88-98.
- Berterottiere, René: See—
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- Berthold, George H., and R. N. Lewis, to Olin Mathieson Chemical Corp. Polymerization of caprolactam with an alkali metal alkoxide catalyst in an excess of alcohol. 2,857,364, 10-21-58, Cl. 260-78.
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- Rieben, Albert. 2,831,614.
- Berticevich, George C., to American Can Co. Machine for treating and handling flimsy material. 2,855,882, 10-14-58, Cl. 113-43.
- Bertin, David. Electric switching system. 2,857,528, 10-21-58, Cl. 307-115.
- Bertin, Jean: See—
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- Bertin, Jean H., B. J. Salmon, and F. G. Paris, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Composite ramjet-pulsejet engine. 2,834,183, 5-13-58, Cl. 60-35.6.
- Bertoglio, Tony C.: See—
- Taylor, Jesse N., and Bertoglio. 2,866,363.
- Bertorelli, Orlando L., to J. M. Huber Corp. Production of zeolitic pigments. 2,848,346, 8-19-58, Cl. 106-288.
- Bertossa, Giuseppe: See—
- Conradin, Fritz, Bertossa, and Giesen. 2,852,570.
- Bertoya, Oscar, to Renold Chains Ltd. Sliding seats. 2,827,948, 3-25-58, Cl. 155-14.
- Bertram, Albert H., to Firma Penicillin-Gesellschaft Daueberg & Co. Injection device for liquids and ampoule therefor. 2,841,143, 7-1-58, Cl. 128-216.
- Bertran, Klaus, to Telefunken G. m. b. H. Stereophonic apparatus. 2,845,491, 7-29-58, Cl. 179-1.
- Bertrand, Andre. Dry metallurgical process for extracting lead from its sulphide or oxidized ore. 2,850,375, 9-2-58, Cl. 75-77.
- Bertrand, Harry A. Safety device for passengers. 2,834,606, 5-13-58, Cl. 280-150.

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- Bertsch, Joseph F., to General Motors Corp. Fluid suspension control system. 2,862,726, 12-2-58, Cl. 280-124.
- Bertsch, Joseph F., and K. H. Hansen, to General Motors Corp. Air suspension levelling system. 2,848,249, 8-19-58, Cl. 280-124.
- Bertsche, Ralph H., to General Motors Corp. Lamp mounting. 2,824,214, 2-18-58, Cl. 240-41.
- Beryllium Corp., The: *See*—
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Morana, Simon J. 2,843,544.
- Berz, Max. Ringshaft-furnace. 2,842,350, 7-8-58, Cl. 263-29.
- Besel, Wilhelm, to W. Reimers. Metal chains. 2,853,886, 9-30-58, Cl. 74-236.
- Beseler, Charles, Co.: *See*—
Field, Philip M. 2,848,922.
- Beseler, Herman F. Tree-handling device. 2,849,125, 8-26-58, Cl. 214-3.
- Beisinger, Clarence L.: *See*—
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- Besley-Welles Corp.: *See*—
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- Beson, John: *See*—
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- Bess, Leon. Linear push-pull amplifier. 2,838,619, 6-10-58, Cl. 179-171.
- Besse, Carlyle L., to Kellogg Co. Article display and dispensing structure. 2,836,330, 5-27-58, Cl. 222-457.
- Bessen, Irwin I., to North American Philips Co. High speed counting apparatus. 2,829,266, 4-1-58, Cl. 250-83.3.
- Besser, James H. Foldable produce-gathering vehicle. 2,838,319, 6-10-58, Cl. 280-41.
- Besserer, Carl W., to United States of America, Navy. Electrical connector. 2,848,706, 8-19-58, Cl. 339-222.
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- Bessiere, Pierre E., to Etablissements Labinal. Circuit breakers. 2,833,888, 5-6-58, Cl. 200-116.
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- Bessiere, Pierre E. Fuel injection devices for multi-cylinder engines. 2,863,437, 12-9-58, Cl. 123-139.
- Bessinger, Bernice L. Bit dressing device. 2,845,825, 8-5-58, Cl. 78-5.
- Besson, Raul: *See*—
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- Best, Albert M., to Sperry Rand Corp. Blower conveyor. 2,851,310, 9-9-58, Cl. 302-50.
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- Best, Clarence A. Garden pulverizer. 2,854,912, 10-7-58, Cl. 97-61.
- Best, Cleafe A., Jr., and W. Chow, to Sparks-Withington Co. Horn circuit. 2,854,660, 9-30-58, Cl. 340-403.
- Best, David M.: *See*—
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- Best, Donald T.: *See*—
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- Best, Ethridge C., to Sanders Associates, Inc. Dual frequency antenna. 2,846,678, 8-5-58, Cl. 343-727.
- Best Foods, Inc., The: *See*—
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Gooding, Chester M., Melnick, and Vahlteich. 2,858,225.
Josefowicz, Edmund L. 2,863,546.
Morrill, Elliott, and Clark. 2,827,650.
Murray, Harry A., Sexton, and Melnick. 2,864,702.
- Best, Harry W. Masonry wall and corner guide. 2,858,613, 11-4-58, Cl. 33-85.
- Best, James A. Body supported portable desk. 2,861,854, 11-25-58, Cl. 311-17.
- Best, Philip F.: *See*—
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- Best Plastics Corp.: *See*—
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- Best, Stanley G., to United Aircraft Corp. Combined fuel and blade angle control. 2,829,722, 4-8-58, Cl. 170-135.74.
- Best, Stanley G., to United Aircraft Corp. Turbine power plant fuel control utilizing speed, temperature and compressor pressure. 2,822,666, 2-11-58, Cl. 60-39.28.
- Best, Stanley G., to United Aircraft Corp. Servo control system for a variable pitch propeller. 2,840,170, 6-24-58, Cl. 170-160.2.
- Best, Stanley G., and T. P. Farkas, to United Aircraft Corp. Starting circuit for electronic jet fuel control. 2,847,824, 8-19-58, Cl. 60-39.14.
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- Beste, Harold E., to Allen B. Du Mont Laboratories, Inc. Television system. 2,838,667, 6-10-58, Cl. 250-27.
- Bester, Monroe H., to North American Aviation, Inc. Method for resistance welding blind locations with expendable electrodes. 2,820,136, 1-14-58, Cl. 219-117.
- Besthoff, Lawrence W., to Willcox & Gibbs Sewing Machine Co. Loop spreading device. 2,865,317, 12-23-58, Cl. 112-187.
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- Bethancourt, Raoul J., to Sun Oil Co. Tubing plug. 2,857,004, 10-21-58, Cl. 166-99.
- Bethard, William F., and H. W. Halligan. Device for counting pills. 2,863,572, 12-9-58, Cl. 214-1.
- Bethco Bedding Corp.: *See*—
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- Bethke, John R., to Burroughs Corp. Multi-position switching systems. 2,827,590, 3-18-58, Cl. 315-8.6.
- Bethke, John R., to Burroughs Corp. Transfer-storage circuits. 2,835,808, 5-20-58, Cl. 250-27.
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- Bethlehem Steel Co.: *See*—
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- Bethmann, Gustav, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Quick mounting means for photographic cameras. 2,824,504, 2-25-58, Cl. 95-86.
- Bethurum, George M.: *See*—
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- Betner, Thomas E. Re-usable container with disposable cover. 2,837,236, 6-3-58, Cl. 220-54.
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- Bettcher Industries, Inc.: *See*—
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- Bettcher, Louis A., to Bettcher Industries, Inc. Boning knife. 2,827,657, 3-25-58, Cl. 17-1.
- Bettendorf Bakery Equipment Co.: *See*—
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- Better, Bernard R., and J. W. Lehde, Jr., to Scully-Jones and Co. Power operated, predetermined torque release. 2,819,635, 1-14-58, Cl. 81-52.4.
- Better, Bernard R., and H. Conn, to Scully-Jones and Co. Quick change chuck. 2,860,883, 11-18-58, Cl. 279-83.
- Better Packages Inc.: *See*—
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Krueger, Theodore H., and Sharpe. 2,849,065.
- Better, Ralph H., W. E. Bradley, and M. Rubinoff, to Philco Corp. Magnetic core information storage systems. 2,840,801, 6-24-58, Cl. 340-174.
- Betti, Adriano. Stereoscopic device in the form of a book. 2,842,027, 7-8-58, Cl. 88-30.
- Bettigole, Hyman: *See*—
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- Bettin, Gerhard: *See*—
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- Bettis, Wilbur F.: *See*—
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- Bettison, David C. Means for connecting switch circuit controller operating rods and the like to railway switches. 2,834,624, 5-13-58, Cl. 287-85.
- Bettison, David C., and F. H. Keaton. Indicating means for rail flaw detecting apparatus. 2,842,292, 7-8-58, Cl. 222-394.
- Bettison, Derek R.: *See*—
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- Bettoli, Phillip S., and E. L. Lyons, to The Ruberoid Co. Packaging of self-sealing shingles. 2,822,085, 2-4-58, Cl. 206-60.
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- Betts, Joseph L., Jr., and J. P. Thorn, to Esso Research and Engineering Co. Core molding composition. 2,861,966, 11-25-58, Cl. 260-23.7.
- Betts, Kenneth R., to General Motors Corp. Heating, ventilating and defrosting system for vehicles. 2,853,933, 9-30-58, Cl. 98-2.
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- Betz, Milton G.: *See*—
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- Betz, Milton G., to General Motors Corp. Door latch. 2,819,138, 1-7-58, Cl. 312-214.
- Betzler, Martin, to Minimax Akt. Apparatus for extinguishing fires. 2,841,227, 7-1-58, Cl. 169-1.
- Beu, Richard A.: *See*—
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- Beuerle, Joseph H. Lawn edger and trimmer. 2,832,184, 4-29-58, Cl. 56-25.4.
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- Beusker, Gerardus H., to N. V. Nederlandsche Instrumenten Compagnie "Nedinsco." Adjustable ocular mounting. 2,851,924, 9-16-58, Cl. 88-32.
- Beutel, Ralph H.: *See*—
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- Beuther, Harold, W. C. Offutt, and P. Siecke, to Gulf Research & Development Co. Petroleum pitch and process for its manufacture. 2,847,359, 8-12-58, Cl. 196-50.
- Beuther, Harold, and R. G. Goldthwait, to Gulf Research & Development Co. Method for the preparation of solid petroleum pitch. 2,850,436, 9-2-58, Cl. 196-50.
- Beuthner, Friedrich: *See*—
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- Bevan, Bernard J., to Kleinschmidt Laboratories, Inc. Tool holder. 2,821,403, 1-28-58, Cl. 279-14.
- Bevan, James I. Clamshell earth-moving machine. 2,840,254, 6-24-58, Cl. 214-147.
- Beveridge, Harold N., and A. J. Devaud, to Minneapolis-Honeywell Regulator Co. Electrostatic tape drive control systems. 2,826,408, 3-11-58, Cl. 271-2.3.
- Beveridge, Harold N., and R. P. Mork, to Minneapolis-Honeywell Regulator Co. Capstan for electrostatic tape drives. 2,859,962, 11-11-58, Cl. 271-2.3.
- Beveridge, John H. Reciprocating piston machine. 2,844,131, 7-22-58, Cl. 123-73.
- Beveridge, William: *See*—
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- Beverlin, Robert S., to The City Auto Stamping Co. Storage battery box. 2,823,843, 2-18-58, Cl. 224-49.
- Be Vier, Joseph H. Power steering apparatus. 2,854,955, 10-7-58, Cl. 121-41.
- Bevilacqua, Ernest M., to Caloric Appliance Corp. Oven door seal. 2,827,673, 3-25-58, Cl. 20-69.
- Bevins, James E., and E. J. Hazen, to Bendix Aviation Corp. Fluid flow measuring apparatus. 2,820,364, 1-21-58, Cl. 73-210.
- Bewley, Thomas, to The Distillers Co. Ltd. Process for producing unsaturated nitriles. 2,836,614, 5-27-58, Cl. 260-465.9.
- Bey, Paul P., and H. F. Hastings, to United States of America, Navy. Precision time measuring system. 2,860,305, 11-11-58, Cl. 324-68.
- Bey, Stanley I., to Chrysler Corp. Method of making a template. 2,845,379, 7-29-58, Cl. 154-110.
- Bey, William. Core making templates. 2,826,792, 3-18-58, Cl. 22-13.
- Beye, Walter O.: *See*—
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- Beyea, Frank H. Salt block holder. 2,833,247, 5-6-58, Cl. 119-51.
- Beyer, Arthur J.: *See*—
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- Beyer, Carlton E., and R. B. Dahl, to The Dow Chemical Co. Method for lubricating polystyrene granules and enhanced molding granules thereby obtained. 2,839,422, 6-17-58, Cl. 117-4.
- Beyer, Donald C.: *See*—
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- Beyer, John H. Centrifugal casting method. 2,853,755, 9-30-58, Cl. 22-200.5.
- Beyer, Kurt, to W. Hesselmann. Annular insert for boxes. 2,842,286, 7-8-58, Cl. 220-90.
- Beyer, Louis E.: *See*—
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- Beyer Peacock & Co. Ltd.: *See*—
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- Beyer, Robert T.: *See*—
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- Beyer, Thomas W., and J. E. Harvey. Universal jacking support for engines and transmissions. 2,865,585, 12-23-58, Cl. 248-3.
- Beyer, Walter O. Coil spring detent coupling with differentially tapered operating surfaces. 2,846,240, 8-5-58, Cl. 285-5.
- Beyer, Walter O. Making coupling assemblies. 2,857,666, 10-28-58, Cl. 29-541.
- Beyerstedt, Fred J.: *See*—
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- Beyerstedt, Ralph L., to The Frank G. Hough Co. Power loaders. 2,822,098, 2-4-58, Cl. 214-140.
- Beyerstedt, Ralph L., to The Frank G. Hough Co. Tractor shovel boom raising and lowering means. 2,846,097, 8-5-58, Cl. 214-140.
- Beyerstedt, Ralph L., to The Frank G. Hough Co. Power loader and bulldozer. 2,852,869, 9-23-58, Cl. 37-117.5.
- Beyerstedt, Ralph L., to The Frank G. Hough Co. Tractor shovel. 2,853,200, 9-23-58, Cl. 214-140.
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- Beyerstedt, Ralph L., and J. C. Laegeler, Jr., to The Frank G. Hough Co. Tractor loaders. 2,846,096, 8-5-58, Cl. 214-140.
- Beyette, Sanford R. Christmas tree baler. 2,856,845, 10-21-58, Cl. 100-13.
- Beyland, Robert W. Tray and applicator for phonograph record treatment. 2,841,808, 7-8-58, Cl. 15-121.3.
- Beyler, Arthur L.: *See*—
Clinton, Raymond O., and Beyler. 2,830,063.
- Beyler, Roger E., and F. Hoffman, to Merck & Co., Inc. 17 α , 21-oxido derivatives of cortisone and hydrocortisone. 2,836,593, 5-27-58, Cl. 260-239.55.
- Beyler, Roger E., and L. H. Sarett, to Merck & Co., Inc. Method for converting a 17-20, 20-21 bismethylenedioxy or a 17-20, 20-21 bis-substituted methylenedioxy steroid of the pregnane series to a 17 α , 21-dihydroxy-20-keto steroid of the pregnane series. 2,866,799, 12-30-58, Cl. 260-397.45.
- Beyner, André, to Ebauches S. A. Electric watch. 2,845,772, 8-5-58, Cl. 58-28.
- Beyner, André, to Ebauches S. A. Electric timepiece. 2,853,849, 9-30-58, Cl. 58-28.
- Beynard, Norbert R.: *See*—
Benchemoul, Norbert R. 2,855,545.
- Bhoddhiprasart, Sakuntala: *See*—
Cousins, Edwin R., Bhoddhiprasart, and Prachankadee. 2,844,613.
- Biach, John L. Bolt-tensioning and nut-seating apparatus. 2,866,370, 12-30-58, Cl. 81-54.
- Biagi, Paul E., W. H. McMordie, and H. F. Winnai, to The Budd Co. Apparatus and method for mounting and replacing hydraulic valve units. 2,838,059, 6-10-58, Cl. 137-15.
- Biagosch, Arturo J. Sunshade awning. 2,853,086, 9-23-58, Cl. 135-5.
- Bialer, Max. Jig for cutting variable resistor shafts. 2,829,425, 4-8-58, Cl. 29-67.
- Bianca, Edoardo. Mobile freight elevator. 2,840,187, 6-24-58, Cl. 187-7.
- Bianchi, Carlo. Process for making footwear with elastic material projections and the footwear obtained by the said process. 2,853,809, 9-30-58, Cl. 36-59.
- Bianchi, Costanzo, to Società r. l. A. P. I. Coupling joined by fluid-pressure-deformed packing. 2,836,436, 5-27-58, Cl. 285-113.
- Bianchi, Louis R., to Proctor & Schwartz, Inc. Shelf assembly. 2,845,187, 7-29-58, Cl. 211-136.
- Bianchi, Renato, to United States of America, Navy. Hermetically sealed triboelectric generator and impact sensing unit for a fuze. 2,853,009, 9-23-58, Cl. 102-70.2.
- Bianchi, Renato, and A. S. Will, to United States of America, Navy. Bomb fuze. 2,853,010, 9-23-58, Cl. 102-70.2.
- Bianchini, George M., to D. Dipertstein. Slotting tool. 2,826,965, 3-18-58, Cl. 90-38.
- Bianco, Emilio E. Gauge systems for checking screws and similar elements. 2,832,155, 4-29-58, Cl. 33-199.
- Bianco, Emilio E. Micrometer calipers, micrometer heads and the like. 2,856,694, 10-21-58, Cl. 33-164.
- Bianco, Henry J., to The Burch Co. Window structure having a combined lift and latch device. 2,860,745, 11-18-58, Cl. 189-72.
- Bianco Mfg. Co.: *See*—
Spetner, Norman. 2,836,229.
- Bianco, Silvan: *See*—
Mariani, Nazzareno J., and Bianco. 2,830,510.
- Bibb, John W., Jr., and E. L. Howard. Indicator for gas pumps. 2,823,276, 2-11-58, Cl. 200-30.
- Bibb, Robert L.: *See*—
Parker, Charles B., and Bibb. 2,844,412.
- Bibbins, William H.: *See*—
Christman, John M., and Bibbins. 2,865,257.
- Bibbs, John D. Safety crash pad for vehicles. 2,822,187, 2-4-58, Cl. 280-150.
- Bibby, Oliver C.: *See*—
Ganz, Henry and W., and Bibby. 2,855,161.
- Bibeau, Russell J. Fish line sinker. 2,834,143, 5-13-58, Cl. 43-44.95.
- Bible, Herbert C. Slicing machine. 2,858,864, 11-4-58, Cl. 146-78.
- Bible, Roy H., Jr.: *See*—
Hoehn, Willard M., and Bible. 2,832,805.
- Bible, Roy H., Jr., to G. D. Searle & Co. 7-alkanoyl derivatives of podocarpic acid. 2,851,485, 9-9-58, Cl. 260-514.5.
- Bible, Roy H., Jr., to G. D. Searle & Co. 1,12-dimethyl-6-hydroxy - 7 - acyl - 9 - oxo - 1,2,3,4,9,10,11,12 - octahydrophenanthrene-1-carboxylic acids and derivatives thereof. 2,854,474, 9-30-58, Cl. 260-468.5.
- Bibring, Hervé, to Office National d'Etudes et de Recherches Aéronautiques. Metal alloy and its manufacturing process. 2,841,511, 7-1-58, Cl. 148-2.
- Bibus, Hans. Chromatic mouthorgan. 2,827,818, 3-25-58, Cl. 84-377.
- Bicek, Edward J.: *See*—
Nixon, William G., Bicek, and Murray. 2,860,045.
- Bichel, Carl H. Wire gate closer. 2,823,942, 2-18-58, Cl. 292-247.

- Bicher, Leo B., Jr., to E. I. du Pont de Nemours and Co. Apparatus for extruding films. 2,821,746, 2-4-58, Cl. 18-15.
- Bichsel, Harry J., to Westinghouse Electric Corp. Arc welding apparatus. 2,866,147, 12-23-58, Cl. 321-14.
- Bichsel, Harry J., and A. J. Baeslack, to Westinghouse Electric Corp. Arc welding apparatus. 2,823,331, 2-11-58, Cl. 314-70.
- Bickford, Franklin H., to General Electric Co. Combination yoke clamp and terminal cover. 2,840,740, 6-24-58, Cl. 313-84.
- Bickford, Frederick E. Package making machine. 2,841,058, 7-1-58, Cl. 93-44.
- Bickford, John H., and J. D. Heinzmann, to Veeder-Root Inc. Electrical signaling means for counters. 2,855,149, 10-7-58, Cl. 235-92.
- Bickford, William G.: *See*—
Mack, Charles H., and Bickford. 2,865,931.
- Bickford, William J., to the United States of America as represented by the Secretary of the Navy. CW calibrator. 2,820,893, 1-21-58, Cl. 250-27.
- Bickley, Everett H. Article aligning conveyor for color sorting machine. 2,835,373, 5-20-58, Cl. 198-29.
- Bickmore, Robert W., to The Regents of the University of California. Microwave radiator. 2,838,754, 6-10-58, Cl. 343-769.
- Bickner, Clarence T. Power operated hand manipulated router. 2,852,051, 9-16-58, Cl. 144-136.
- Bidak, John, and H. E. Briesemeister, to Illinois McGraw Electric Co. Refrigerator condenser. 2,856,163, 10-14-58, Cl. 257-256.
- Bidault, Philippe G. L., to Esso Standard Societe Anonyme Francaise. Soap-thickened lubricating greases containing an alcohol-substituted amide. 2,854,410, 9-30-58, Cl. 252-42.1.
- Biddison, John M., to H. W. Moore. Insulating machine. 2,835,372, 5-20-58, Cl. 198-26.
- Biddison, John M., to H. W. Moore. Automatic transfer unit. 2,865,484, 12-23-58, Cl. 193-39.
- Biddle, James G., Co.: *See*—
Foster, William P., and Richardson. 2,831,937.
- Biddle, John W., and J. M. Davison, to Union Carbide Corp. Process for the production of powdered polymers and copolymers of ethylene. 2,831,845, 4-22-58, Cl. 260-94.9.
- Biderman, Ben, to Collins Radio Co. Trigonometric computing apparatus. 2,848,160, 8-19-58, Cl. 235-61.
- Bidle, Richard H.: *See*—
Mock, Walter W., Bidle, Corliss, and Phifer. 2,825,657.
- Bidner, John, P. M. Connor, W. H. McClure, and W. Parks, to Sharon Steel Corp. Method of economically introducing zirconium into steel. 2,840,872, 7-1-58, Cl. 22-215.
- Bidwell, Joseph B.: *See*—
Brems, John H., and Bidwell. 2,841,008.
- Biebel, Lawrence R.: *See*—
Allen, Kenneth C., and Biebel. 2,860,867.
- Bieber, Herman, and H. M. Hartzband, to Esso Research and Engineering Co. Removal of metal contaminants from heavy oils by hydrogenation followed by solvent extraction. 2,846,358, 8-5-58, Cl. 196-35.
- Bieberich, Paul. Wire drawing die blank and method of making same. 2,866,364, 12-30-58, Cl. 76-107.
- Biedermann, Friedrich, and R. Wick, to Agfa Akt. Timer. 2,835,849, 5-20-58, Cl. 315-151.
- Biedermann, Friedrich, K. Huber, and R. Wick, to AGFA Akt. Apparatus for photographic printing. 2,853,921, 9-30-58, Cl. 83-24.
- Biedermann, Walter: *See*—
Schetty, Guido, and Biedermann. 2,855,393.
- Biedess, Anthony R., to Goodman Mfg. Co. Breaker roller for boring heads. 2,823,025, 2-11-58, Cl. 262-33.
- Biedess, Anthony R., to Goodman Mfg. Co. Rotary type tunneling machine. 2,837,325, 6-3-58, Cl. 262-7.
- Biehl, John F.: *See*—
Willenborg, Walter J. 2,824,646.
- Biel, Hans, R. Kuhfuss, and W. Raschke, to H. Sickinger. Means for conveying powdery material in fine distribution, particularly for use in flash die casting. 2,825,605, 3-4-58, Cl. 302-36.
- Biel, Hans, and E. Pfaffle, to H. Sickinger. Method for trimming, cutting and cornering folded paper articles. 2,850,090, 9-2-58, Cl. 164-17.
- Biel, John H., to Lakeside Laboratories, Inc. α,β (disubstituted aminoalkyl) acetylenes. 2,830,048, 4-8-58, Cl. 260-247.5.
- Biel, John H., to Lakeside Laboratories, Inc. Acetylenic tetrahydroisoquinoline derivatives. 2,830,049, 4-8-58, Cl. 260-247.5.
- Biel, John H., to Lakeside Laboratories, Inc. Symmetrical substituted aminoalkylhydrazines and their salts. 2,836,050, 4-8-58, Cl. 260-247.5.
- Biel, John H., to Lakeside Laboratories, Inc. Ethers of N-alkyl-3-hydroxypiperidine and salts thereof. 2,831,862, 4-22-58, Cl. 260-294.7.
- Biel, John H., to Lakeside Laboratories, Inc. Di-(N-alkyl-3-piperidyl)oxy alkanes and salts thereof. 2,831,863, 4-22-58, Cl. 260-294.7.
- Biel, John H., to Lakeside Laboratories, Inc. Heterocycle aminoalcohol esters of N-substituted piperidine carboxylic acids. 2,832,785, 4-29-58, Cl. 260-294.3.
- Biel, John H., to Lakeside Laboratories, Inc. N-substituted-3-thiol piperidines and thioesters thereof. 2,834,785, 5-13-58, Cl. 260-293.4.
- Biel, John H., to Lakeside Laboratories, Inc. Mercapto derivatives of mercurated 1-pyridyl-3-allylureas. 2,848,454, 8-19-58, Cl. 260-270.
- Biel, John H., to Lakeside Laboratories, Inc. Mercuration products of 1-(2-pyrimidyl)-3-allylurea. 2,856,405, 10-14-58, Cl. 260-242.
- Biel, John H., to Lakeside Laboratories, Inc. Aminoacid esters of N-substituted hydroxyalkyl piperidines. 2,856,406, 10-14-58, Cl. 260-247.2.
- Biel, John H., to Lakeside Laboratories, Inc. Aminoacid esters of N-substituted 3 and 4-piperidinols. 2,856,407, 10-14-58, Cl. 260-247.2.
- Biel, John H., to Lakeside Laboratories, Inc. Mercuration products of 1-pyridyl-3-allylureas. 2,863,863, 12-9-58, Cl. 260-242.
- Biel, John H., and A. E. Drukker, to Lakeside Laboratories, Inc. Disubstituted aminoalkyl quinuclidinium derivatives. 2,834,779, 5-13-58, Cl. 260-247.5.
- Bielawski, Chester A., to The S. K. Wellman Co. Methods and apparatus for treating metallic and non-metallic powders. 2,838,392, 6-10-58, Cl. 75-5.
- Bielawski, Mitchell S.: *See*—
Mavity, Julian M., and Bielawski. 2,833,727.
- Bielawski, Mitchell S., to Universal Oil Products Co. Manufacture of solid phosphoric acid catalysts. 2,833,728, 5-6-58, Cl. 252-437.
- Bielek, Arthur E., to Win-Chek, Inc. Storm window handle construction. 2,865,044, 12-23-58, Cl. 16-115.
- Bielenberg, Raymond G.: *See*—
Baird, Douglas O., and Bielenberg. 2,851,531.
- Bielier, Jacques L., to National Dairy Products Corp. Container. 2,852,179, 9-16-58, Cl. 229-51.
- Bielik, Paul G.: *See*—
Gallagher, William P., Stolle, and Bielik. 2,824,181.
Gallagher, William P., Stolle, and Bielik. 2,859,511.
- Biello, Stephen J.: *See*—
Mason, Walker, and Biello. 2,824,573.
- Bielstein, Walter J., to Esso Research and Engineering Co. Method for maintaining level of drilling fluid. 2,832,566, 4-29-58, Cl. 255-1.8.
- Bielstein, Walter J., to Esso Research and Engineering Co. Rotary percussion drilling device. 2,836,395, 5-27-58, Cl. 253-3.
- Bien, Hans-Samuel, and F. Baumann, to Farbenfabriken Bayer Akt. Process for the production of grey vat dyestuffs of the benzanthrone series, and the production of olive-green vat dyestuffs therefrom. 2,846,434, 8-5-58, Cl. 260-274.
- Bienert, Berthold, F. Baumann, and H. Vollmann, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of 4-aminophthalimide-5-sulfonic acid. 2,824,109, 2-18-58, Cl. 260-326.
- Bienert, Berthold, F. Baumann, and M. Groll, to Farbenfabriken Bayer Akt. Process for the production of phthalocyanine dyestuffs. 2,843,599, 7-15-58, Cl. 260-314.5.
- Bienert, Berthold, and F. Baumann, to Farbenfabriken Bayer Akt. Process for the production of basic dyestuffs. 2,863,875, 12-9-58, Cl. 260-314.5.
- Bienfait, Henri: *See*—
Van der Willigen, Paul C., and Bienfait. 2,824,948.
- Bieniosek, Chester E., E. F. Kurzinski, and D. H. Fleming, Jr., to Union Carbide Corp. Top blowing oxygen nozzle in molten metal. 2,828,956, 4-1-58, Cl. 266-41.
- Bier, Louis W.: *See*—
Littwin, Arthur K., and D. F. 2,862,601.
- Biere, Theodore F., to The Kent Corp. Sliding door support and guide means. 2,847,266, 8-12-58, Cl. 312-227.
- Bieri, Hans, to H. A. Schlatter Aktiengesellschaft. Resistance welding machines. 2,832,882, 4-29-58, Cl. 219-89.
- Bieri, Leonard Jr.: *See*—
Craven, Herman R., Jr., and Bieri. 2,836,672.
- Bierman, Raymond C.: *See*—
Dale, Colin B., Bridenbaugh, and Bierman. 2,864,894.
- Biermann, Arnold E. Variable stroke piston engines. 2,822,791, 2-11-58, Cl. 123-48.
- Biermann, Arnold E. Fuel systems for variable stroke piston engines. 2,865,350, 12-23-58, Cl. 123-48.
- Biermann, David, to Hartzell Industries Inc. Full feathering propeller. Re. 2,453,0, 9-2-58, Cl. 170-160.21.
- Biermann, William A.: *See*—
Johnson, Roy W., and Biermann. 2,822,985.
- Biersack, Josef, to Siemens-Schuckertwerke Akt. Circuit interrupters. 2,845,510, 7-29-58, Cl. 200-144.
- Bierwith, Stanton F., and H. G. Livermore; said Bierwith assignor to Viking Forge & Steel Co. Rooter for bulldozer blades. 2,852,875, 9-23-58, Cl. 37-145.
- Biever, Barton R., to Alpha Mills Corp. Baby panty. 2,839,058, 6-17-58, Cl. 128-288.
- Biffi, Emilio. Storage battery charging plant, with generator powered by a component revolving at variable R. P. M. and in both directions. 2,826,730, 3-11-58, Cl. 320-23.
- Biganzoli, Alexandre, to Compagnie de Pont-A-Mousson. Centrifugal casting device. 2,836,864, 6-3-58, Cl. 22-65.
- Bigelow, John F., to International Telephone and Telegraph Corp. Stabilized synchronizing system. 2,838,605, 6-10-58, Cl. 178-69.5.
- Bigelow-Liptak Corp.: *See*—
Wolf, Ernest B. 2,840,017.

- Bigelow-Sanford Carpet Co., Inc.: See—
Groat, Francis P. 2,835,277.
Jamrogowicz, Harry F. 2,826,224.
Jamrogowicz, Harry F. 2,834,806.
Parlin, David D. 2,822,605.
- Biggam, Frank D., to Teletype Corp. Frequency divider circuit. 2,866,104, 12-23-58, Cl. 307—88.5.
- Biggs, Albert J., to Hazeltine Research, Inc. Color-television image-reproducing apparatus. 2,841,644, 7-1-58, Cl. 178—5.4.
- Biggs, Albert J., to Hazeltine Research, Inc. Cathode-ray-tube beam-deflection system. 2,861,209, 11-18-58, Cl. 313—76.
- Biggs, Orrick H., and S. S. Davis, to Sylvania Electric Products Inc. Heat lamp. 2,859,368, 11-4-58, Cl. 313—113.
- Biggs, Orrick H., and R. F. Reed, to Sylvania Electric Products Inc. Heat shield for incandescent lamp. 2,862,125, 11-25-58, Cl. 313—38.
- Biginelli, Oreste. Apparatus for shaping tubular parts. 2,840,884, 7-1-58, Cl. 29—1.3.
- Bigler, Joseph G.: See—
Bigler, William P. and J. G. 2,865,492.
- Bigler, William P. and J. G. Flight mounting for chain conveyor. 2,865,492, 12-23-58, Cl. 198—176.
- Biguardi Elvezio F. Telescoping garage. 2,852,814, 9-23-58, Cl. 20—1.13.
- Bigot, Bernard: See—
Moyrand, Jean, and Bigot. 2,859,105.
- Bigot, Bernard, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Crey. Manufacture of complex fertilizers. 2,861,878, 11-25-58, Cl. 71—39.
- Bihaly, Lajos, to Trubenizing Process Corp. Strip material for use in defining the fold lines of collars. 2,844,170, 7-22-58, Cl. 139—385.5.
- Bihaly, Lajos. Fused fabric assemblies. 2,864,151, 12-16-58, Cl. 28—78.
- Bikales, Norbert M., to American Cyanamid Co. Method for the cyanoethylation of cotton textile fibers. 2,857,239, 10-21-58, Cl. 8—120.
- Bikales, Norbert M., and M. L. Miller, to American Cyanamid Co. Preparation of acrylamide. 2,840,611, 6-24-58, Cl. 260—561.
- Bikales, Norbert M., and R. J. Munch, to American Cyanamid Co. Stabilization of acrylamide. 2,863,918, 12-9-58, Cl. 260—561.
- Bikerman, Jacob J., to Yardney International Corp. Electrode assembly and method of making same. 2,851,511, 9-9-58, Cl. 136—143.
- Biklen, Donald W., to Orangeburg Mfg. Co., Inc. Bituminized fiber pipe. 2,839,088, 6-17-58, Cl. 138—47.
- Bilanin, Frank, and H. E. Gronich, deceased (by C. K. Gronich, legal representative), to Allied Chemical & Dye Corp. Granulation of fusible, molecularly orientable polymers. 2,834,053, 5-13-58, Cl. 18—47.5.
- Bilbrey, Charles R. Pen or pencil holder. 2,821,197, 1-28-58, Cl. 129—1.
- Bilde, Tord E. D., to Aktiebolaget Elektrolux. Closure for laundry machine receptacle. 2,847,141, 8-12-58, Cl. 220—25.
- Bilderback, Laverne W., to ACF Industries, Inc. Fitting closure. Re. 2,843,930, 9-30-58, Cl. 220—40.
- Bilchet, Harry, to Interchemical Corp. 2,5-endomethylene- Δ^3 -tetrahydrobenzyl acrylate and polymers thereof. 2,838,479, 6-10-58, Cl. 260—86.1.
- Bilger, Walter L.: See—
Kolsky, Anton J., and Bilger. 2,839,172.
- Bilich, William P. Magazine safety razors. 2,821,780, 2-4-58, Cl. 30—40.
- Bilker, Stanley, and H. Barton, to O & S Research, Inc. Side and rear view mirror. 2,835,169, 5-20-58, Cl. 88—77.
- Bill, Charles H., and C. W. Musser, to Koontz-Wagner Electric Co., Inc. Speed responsive switch. 2,856,478, 10-14-58, Cl. 200—80.
- Bill, Clifford E., to General American Transportation Corp. Fluid joint and processed material discharge assembly for rotary processing vessels. 2,848,198, 8-19-58, Cl. 257—92.
- Bill Jack Scientific Instrument Co.: See—
Breazeale, John B., Mellwraith, and Dacus. 2,856,240.
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Dacus, Edward N. 2,856,239.
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- Bill, Theodore R. Transmission line maintenance derrick. 2,830,711, 4-15-58, Cl. 212—8.
- Bill, William, to General Electric Co. Oven rack with raisable shelf portion. 2,834,334, 5-13-58, Cl. 126—41.
- Billard, Alexandre, to Societe d'Exploitation des Matieres Hispano-Suiza. Automatic guns including a recoiling system. 2,821,118, 1-28-58, Cl. 89—137.
- Billing, Alfred G., and J. Duckworth, to British Celanese Ltd. Weaving. 2,865,407, 12-23-58, Cl. 139—188.
- Billings, Roy O. Apparatus for handling automobiles. 2,863,397, 12-9-58, Cl. 104—50.
- Bille, Heinz, H. Spohn, and H. Trieschmann, to Badische Anilin- & Soda-Fabrik Akt. Recovery of pure dimethyl terephthalate by continuous distillation. 2,862,021, 11-25-58, Cl. 260—475.
- Billen, Peter, to Schloemann Akt. Extrusion dies. 2,833,406, 5-6-58, Cl. 207—17.
- Billetdeaux, Adrian C., and R. E. Shearer, to Westinghouse Air Brake Co. Humidity protective treatment for selenium rectifier cells. 2,828,452, 3-25-58, Cl. 317—241.
- Billeter, Henry R., to Ammco Tools, Inc. Grinding device. 2,820,331, 1-21-58, Cl. 51—96.
- Billeter, Henry R., to Ammco Tools, Inc. Friction drive means. 2,830,469, 4-15-58, Cl. 74—691.
- Billeter, Henry R., to Liquid Controls Corp. Rotary positive displacement devices. 2,859,699, 11-11-58, Cl. 103—125.
- Billeter, Halton A., to Sawhill Tubular Products, Inc. Method of making fluid-tight heat exchange tubes. 2,821,772, 2-4-58, Cl. 29—157.3.
- Billeter, Halton A., to The McKay Machine Co. Tube mill housing. 2,824,947, 2-25-58, Cl. 219—63.
- Billeter, Jean-Rene: See—
Wettstein, Albert, Anner, Ehmann, Billeter, and Meystre. 2,854,465.
Wettstein, Albert, Meystre, and Billeter. 2,839,528.
- Billeter, Walter, to Akt. Brown, Boveri & Cie. Switch actuator utilizing a spring accumulator. 2,851,560, 9-9-58, Cl. 200—153.
- Billey, Leino H., to Donaldson Co., Inc. Exhaust silencer and rain trap. 2,853,148, 9-23-58, Cl. 181—53.
- Billhimer, Joseph J., Sr. Adjustable rule gauge for cabinet. 2,840,122.
- Klikunas, Richard V., and Billian. 2,851,065.
- Billian, Donald L.: See—
pulls and door handles. 2,821,027, 1-28-58, Cl. 33—189.
- Billan, Donald L., to Buckeye Iron & Brass Works. Emergency shut-off valve. 2,860,649, 11-18-58, Cl. 137—75.
- Billig, Ralph B., and M. S. Ziskin, to Kromex, Inc. Two part cake tin. 2,843,440, 7-15-58, Cl. 312—284.
- Billin, James J., to Electric & Musical Industries Ltd. Generation of synchronising pulses especially for television. 2,837,596, 6-3-58, Cl. 178—5.4.
- Billinghurst, John E. W., to Burroughs Wellcome & Co., (U. S. A.) Inc. Diquaternary compounds and the manufacture thereof. 2,851,458, 9-9-58, Cl. 260—247.5.
- Billinghurst, John E. W., to Burroughs Wellcome & Co., (U. S. A.) Inc. Diquaternary compounds and the manufacture thereof. 2,851,459, 9-9-58, Cl. 260—247.5.
- Billinghurst, Wilfred A. Fixture to support articles for application of metallic coating thereto. 2,829,621, 4-8-58, Cl. 118—503.
- Billings, Alfred H., to O. and P. Goebel, Distributors for ignition systems. 2,839,622, 6-17-58, Cl. 200—24.
- Billings, Orman B., and L. Erickman, to Johnson & Johnson. Cast forming material and method of making. 2,842,121, 7-8-58, Cl. 128—91.
- Billings, Orman B., L. Brickman, and J. J. Eberl, to Johnson & Johnson. Method for making bandage material for orthopedic casts and product thereof. 2,842,138, 7-8-58, Cl. 128—91.
- Billings, Robert K.: See—
Findings, Charles D., and Billings. 2,854,262.
- Billings, Roy O. Rollers for applying paint or the like. 2,848,730, 8-26-58, Cl. 15—230.
- Billings, Roy O. Vehicle transfer dollies. 2,851,961, 9-16-58, Cl. 105—27.
- Billingsley, Samuel R., to Stratoflex, Inc. Hose coupling with ribbed socket. 2,850,302, 9-2-58, Cl. 285—247.
- Billingsley, William F., to The B. F. Goodrich Co. Wheel, tire and trim ring assembly. 2,822,016, 2-4-58, Cl. 152—352.
- Billingsley, William F., to The B. F. Goodrich Co. Wheel, tire and trim ring assembly. 2,822,219, 2-4-58, Cl. 301—37.
- Billingsley, William F., to The B. F. Goodrich Co. Tubeless tire and rim assembly. 2,840,133, 6-24-58, Cl. 152—396.
- Billington, Evans R., to The Bastian-Blessing Co. Pressure indicator. 2,850,900, 9-9-58, Cl. 73—406.
- Billion, Jacques, to Societe Billion & Cie. Snag resistant bulky multi-ply superpolyamidic yarn. 2,846,839, 8-12-58, Cl. 57—140.
- Billion, Jacques, to Societe Billion & Cie. Superpolyamidic threads and manufacture thereof. 2,846,840, 8-12-58, Cl. 57—157.
- Billman, Louis S., to United States of America, Navy. Rear inlet annular diffuser. 2,841,952, 7-8-58, Cl. 60—35.6.
- Billson, John A., and J. B. Stevenson, to General Electric Co. Apparatus for interiorly coating lamp exhaust tubes. 2,832,309, 4-29-58, Cl. 118—56.
- Billups, James O.: See—
Pfarr, John J., and Billups. 2,833,493.
- Billyard, Ronald G.: See—
Jacobs, Ellis H., and Billyard. 2,830,830.
- Billocq, Georges A., to Forano Limitee. Aligning conveyor system. 2,863,551, 12-9-58, Cl. 198—29.
- Bilsky, Donald E. Car top rod carrier. 2,859,904, 11-11-58, Cl. 224—42.1.
- Biltz, Francis J.: See—
Vogel, Vernon H., and Biltz. 2,838,658.
- Bimkus, Bernard E.: See—
Hoven, Alfred C., Nordmark, and Bimkus. 2,843,435.
- Bina, Melvin J.: See—
Meyer, Earl A., and Bina. 2,831,648.
- Binapfl, Josef, to Farbenfabriken Bayer Akt. Process for the production of aromatic dicarboxylic acids. 2,850,527, 9-2-58, Cl. 260—524.

- Binckley, Milton J., to Southern California Gas Co. Layout apparatus for welded offsets. 2,832,153, 4-29-58, Cl. 33-180.
- Binder, Fritz, to Rodi & Wienerberger Akt.-Ges. Extensible bracelet for wrist-watches or for ornamental purposes having U-shaped link connecting springs. 2,819,585, 1-14-58, Cl. 59-79.
- Binder, George A.: *See—*
Brinkauf, Arthur R., and Binder. 2,834,925.
- Binder, George A., to Essex Wire Corp. Hermetically sealed electromagnetic relay. 2,834,924, 5-13-58, Cl. 317-165.
- Binder, Hans, to Rottweiler Kunstseidefabrik Aktiengesellschaft. Perchloric acid solution of acrylonitrile polymer and method of making same. 2,826,558, 3-11-58, Cl. 260-29.6.
- Binder, Hans, to Rottweiler Kunstseidefabrik Akt. Process for the production of the glycol ester of terephthalic acid suitable for polymerization. 2,855,432, 10-7-58, Cl. 260-475.
- Binder, Richard, to Fichtel & Sachs A. G. Automatic clutch arrangement. 2,823,778, 2-18-58, Cl. 192-103.
- Binder, Richard, to Fichtel & Sachs A. G. Arrangement of leaf springs in centrifugal friction clutches. 2,840,209, 6-24-58, Cl. 192-105.
- Binder, Richard, to Fichtel & Sachs A. G. Two stage clutch control system. 2,848,080, 8-19-58, Cl. 192-52.
- Binder, Richard, and A. Ludwig. Centrifugal friction clutch. 2,846,040, 8-5-58, Cl. 192-105.
- Bin-Dictator Co., The: *See—*
Grostick, Norman L. 2,851,553.
- Bindler, Jakob: *See—*
Model, Ernst, and Bindler. 2,861,916.
- Bindon, Douglas G., M. J. Friedman, and V. L. Newhouse, to Ferranti, Ltd. Electronic selector stages. 2,849,703, 8-26-58, Cl. 340-166.
- Binford, Benjamin L., to Magnetrol, Inc. Fluid pressure actuator. 2,824,186, 2-18-58, Cl. 200-83.
- Bing, Herbert A., to Polaroid Corp. Photographic transparency mount. 2,837,853, 6-10-58, Cl. 40-152.
- Bing, Herbert A., and J. W. Lothrop, to Polaroid Corp. Photographic transparency mount. 2,837,854, 6-10-58, Cl. 40-152.
- Bing, Herbert A., and D. R. Bishop, to Polaroid Corp. Photographic apparatus for spreading a fluid between superposed sheets. 2,845,850, 8-5-58, Cl. 95-13.
- Bing, Herbert A., V. K. Eloranta, D. S. Grey, and K. Maierhofer, to Polaroid Corp. Photographic copying apparatus. 2,866,380, 12-30-58, Cl. 88-24.
- Bingenheimer, Melvin, to Westinghouse Electric Corp. Front-operated circuit interrupters. 2,849,581, 8-26-58, Cl. 200-168.
- Bingenheimer, Melvin, to Westinghouse Electric Corp. Circuit breakers. 2,866,026, 12-23-58, Cl. 200-88.
- Bingham, George H., Jr.: *See—*
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- Bingham-Herbrand Corp., The: *See—*
Brundage, Alan D. 2,835,353.
Cox, Norman B. 2,835,140.
Powell, Burnet J. 2,851,900.
Sandberg, Ray A. 2,835,139.
- Bingham, Hiram. Portable floor. 2,832,103, 4-29-58, Cl. 20-8.
- Bingham, Hiram, Jr. Recreation enclosure. 2,823,034, 2-11-58, Cl. 273-95.
- Bingham, Neil D., and R. J. Beauregard, to Radio Corp. of America. Quick-disconnect connector. 2,864,069, 12-9-58, Cl. 339-75.
- Binghamton Metal Forms, Inc.: *See—*
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Yates, Richard C., and Owen. 2,846,749.
- Bingley, Frank J., to Philco Corp. Beam-intercepting structure for cathode ray tube. 2,842,697, 7-8-58, Cl. 313-92.
- Binkley, Arthur L., and K. C. Rock, to Minneapolis-Honeywell Regulator Co. Photographic reflector and light source. 2,846,565, 8-5-58, Cl. 240-1.3.
- Binks Mfg. Co.: *See—*
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Johansson, Ingvar O. 2,829,006.
Rice, James H., and Johnson. 2,860,599.
- Binks Mfg. Corp.: *See—*
Rice, James H., and Baur. 2,827,919.
- Binner, Christian, R., and C. B. Wilkie, to the United States of America as represented by the United States Atomic Energy Commission. Cooled neutronic reactor. 2,827,429, 3-18-58, Cl. 204-193.2.
- Binney, Edwin A.: *See—*
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- Binney & Smith Inc.: *See—*
Beebe, Henry C., Neff, and Clymer. 2,857,881.
- Binning, Robert C., and P. D. May, to The American Oil Co. Conversion of organic sulfur compounds. 2,831,031, 4-15-58, Cl. 260-609.
- Binstead, Hugh C., and H. J. Stockwell, to Allied Instrument Manufacturers Ltd. Optical apparatus for the examination of the human eye. 2,837,963, 6-10-58, Cl. 88-20.
- Binsted, Arthur T. E., and R. W. Homewood, to B. A. M. Patentees Ltd. Butter spreading machines. 2,851,003, 9-9-58, Cl. 118-13.
- Bioform Corp.: *See—*
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- Bion, Fritz: *See—*
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- Birbaum, Lester W., to La Belle Industries, Inc. Slide selector. 2,860,433, 11-18-58, Cl. 40-78.
- Birch Bros., Inc.: *See—*
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- Birch & Gattone, Inc.: *See—*
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- Birch, Vinton P., to General Motors Corp. Throttle actuating mechanism. 2,841,371, 7-1-58, Cl. 261-23.
- Birchall, James D., to John Kerr & Co. (Manchester) Ltd. Fire-fighting foams and methods of producing the same. 2,837,479, 6-3-58, Cl. 252-8.05.
- Birchard, Wayne E., to General Electric Co. Cooling system. 2,825,034, 2-25-58, Cl. 336-61.
- Birchler, Robert O., E. W. Larsen, and C. R. Rasmussen, to Western Electric Co., Inc. Adjustable tape feeding mechanism. 2,848,223, 8-19-58, Cl. 271-2.5.
- Bird, Alma L.: *See—*
Marshall, William F. 2,858,178.
- Bird Electronic Corp.: *See—*
Bird, James R., and Calderhead. 2,844,792.
Bird, James R., and Calderhead. 2,852,741.
Schelgunov, Alex. 2,849,201.
Stevens, Harold E. 2,831,163.
- Bird, Jack R.: *See—*
Gresham, Harold E., Wheeler, and Bird. 2,840,469.
- Bird, James R., and H. J. Calderhead, to Bird Electronic Corp. High frequency electrical meter cartridge. 2,844,792, 7-22-58, Cl. 324-95.
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- Bird, Joseph J., M. H. Comer, C. A. Miles, and R. C. Braxton, to Alamance Industries, Inc. Compressive stocking. 2,841,971, 7-8-58, Cl. 66-178.
- Bird, Len O., and R. R. Badley, to Western Equipment Mfg. Co. Earth-working apparatus. 2,840,935, 7-1-58, Cl. 37-145.
- Bird, Lester F., to Hanovia Chemical and Mfg. Co. Operating circuits for electrical discharge lamps. 2,825,005, 2-25-58, Cl. 315-239.
- Bird, Lester F., to Engelhard Industries, Inc. Operating circuit for compact type arc lamps. 2,858,481, 10-28-58, Cl. 315-173.
- Bird Machine Co.: *See—*
Cook, Horace F., and Nelson. 2,856,124.
Roos, John T. 2,849,122.
- Bird, Martin J., to Persons-Majestic Mfg. Co. Siren construction. 2,824,540, 2-25-58, Cl. 116-147.
- Bird, Paul G., to Aquamatic Inc. Control system for water treatment apparatus. 2,825,363, 3-4-58, Cl. 137-627.5.
- Bird, Paul G., to Aquamatic Inc. Multiple port valves. 2,833,309, 5-6-58, Cl. 137-625.46.
- Bird, Ralph C., Jr., to General Motors Corp. Induction system. 2,845,912, 8-5-58, Cl. 123-52.
- Bird, Raymond, to The British Tabulating Machine Co. Ltd. Binary adder. 2,861,741, 11-25-58, Cl. 235-61.
- Bird & Son, Inc.: *See—*
Tennant, James L., Jr. 2,848,842.
- Bird, Walter W., to Birdair Structures, Inc. Air inflated tower or like. 2,849,011, 8-26-58, Cl. 135-1.
- Bird, Whitworth F., to Collins & Aikman Corp. Method of and apparatus for making polyurethane foam coated fabrics. 2,841,205, 7-1-58, Cl. 154-37.
- Bird, Whitworth F., to Collins & Aikman Corp. Apparatus and method for producing patterned foam rubber coated fabrics. 2,865,046, 12-23-58, Cl. 18-4.
- Birdair Structures, Inc.: *See—*
Bird, Walter W. 2,849,011.
- Birdsall, Bruce E., to Carrier Corp. Damper arrangements for air conditioning units. 2,844,086, 7-22-58, Cl. 98-38.
- Birdsall, Charles K., to Hughes Aircraft Co. Electron gun. 2,831,141, 4-15-58, Cl. 315-3.
- Birdsall, Charles K., to Hughes Aircraft Co. High power traveling-wave tube. 2,851,630, 9-9-58, Cl. 315-3.5.
- Birdsall, Charles K., to Hughes Aircraft Co. Traveling wave tube of high forward wave impedance. 2,851,631, 9-9-58, Cl. 315-3.6.
- Birdsall, Charles K., and L. M. Field, to Hughes Aircraft Co. Traveling-wave tube. 2,853,642, 9-23-58, Cl. 315-3.5.
- Birdsall, Charles K., and D. A. Watkins, to Hughes Aircraft Co. Microwave tube. 2,859,374, 11-4-58, Cl. 315-3.6.
- Birdsall, Oscar M., to All Metal Products Co. Toy firearm with pivoted magazine and firing assembly. 2,847,785, 8-19-58, Cl. 42-57.
- Birdsall, Robert N., to Link-Belt Co. Mounting means for rotatable drums. 2,858,177, 10-28-58, Cl. 308-203.
- Birdsboro Steel Foundry and Machine Co.: *See—*
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Peterson, Edward C., and Calabrese. 2,820,264.
Peterson, Edward T. 2,847,887.
Peterson, Edward T. 2,852,065.
Peterson, Edward T. and E. C. 2,850,928.
- Birdseye, Clarence, to Process Evaluation and Development Corp. Semi-chemical pulping process. 2,862,813, 12-2-58, Cl. 92-6.
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- Birdwell, Benjamin F., and W. A. Schwebr. Self-locking panel. 2,863,180, 12-9-58, Cl. 20-4.
- Birdwhistell, Ralph K., R. E. Johnson, and L. L. Quill, to Olin Mathieson Chemical Corp. Method for the separation of diborane from a gaseous mixture. 2,862,575, 12-2-58 Cl. 183-115.
- Bires, Alexander C., Jr., and T. W. Slebodnik, to Westinghouse Electric Corp. Trip device for circuit breakers. 2,821,596, 1-28-58, Cl. 200-88.
- Birge, Marc C., to White-Rodgers Co. Solenoid construction. 2,856,569, 10-14-58, Cl. 317-186.
- Biribauer, Frank A., G. P. Canevari, and W. Lockett, Jr., to Esso Research and Engineering Co. Asphalt oxidation. 2,861,939, 11-25-58, Cl. 208-4.
- Biringer, Paul P., to The General Engineering Co. Ltd. Frequency multiplying transformer. 2,849,674, 8-26-58, Cl. 321-68.
- Birkel, Walter G., and R. E. Schram, to Hardware Products Corp. Apparatus for cutting rectangular openings in doors and the like. 2,819,743, 1-14-58, Cl. 143-48.
- Birkeland, Leigh F.: See—
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- Birkenmeyer, Robert D., and M. E. Speeter, to The Upjohn Co. Process for the preparation of 2-diphenylacetyl-1,3-indandione. 2,827,489, 3-18-58, Cl. 260-590.
- Birkenmeyer, Robert D., and R. V. Heinzelman, to The Upjohn Co. Tertiary aminoalcohol esters of 4-amino-2,6-dimethylbenzoic acid. 2,865,951, 12-23-58, Cl. 260-472.
- Birkigt, Louis, to Brevets Aero-Mecaniques S. A. Devices for elevating a liquid from a liquid bath. 2,824,521, 2-25-58, Cl. 103-101.
- Birkness, Harold A., and J. C. Rhodes, to Standard Oil Co. Mechanical calibration chart. 2,846,143, 8-5-58, Cl. 235-61.
- Birks, La Verne S., Jr. Curved crystal fluorescent X-ray spectrograph. 2,835,820, 5-20-58, Cl. 250-53.
- Birks, La Verne S., Jr. Flat crystal fluorescent X-ray spectrograph. 2,842,670, 7-8-58, Cl. 250-53.
- Birmingham, Alfred N.: See—
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- Birmingham, Henry P., to United States of America, Navy. Radar tracking demonstrating and training instrument. 2,841,884, 7-8-58, Cl. 35-10.4.
- Birmingham Small Arms Co. Ltd., The: See—
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Judson, Charles A., and Collins. 2,837,623.
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Perry, Claude A., and Wackrow. 2,820,313.
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- Birmingham Sound Reproducers Ltd.: See—
Guest, Lawrence V. 2,841,399.
- Birner, Max J. A., 90% to J. J. Schedel. Method for recovering nickel from ores. 2,831,751, 4-22-58, Cl. 23-61.
- Biro, Guillaume. Methods of fighting fires. 2,853,139, 9-23-58, Cl. 169-1.
- Biro, Ladislao J. Clinical thermograph. 2,830,452, 4-15-58, Cl. 73-340.
- Biro, Ladislao J. Cylinder lock. 2,857,753, 10-28-58, Cl. 70-421.
- Birr, Rudolph G., to American Linen Supply Co. Towel dispensing apparatus. 2,834,645, 5-13-58, Cl. 312-38.
- Birsh, Arthur T. Picture puzzle. 2,825,568, 3-4-58, Cl. 273-157.
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- Birtch, Fred E., and B. H. Johnson, to Michigan Tool Co. Apparatus for relieving portions of the thread flanks of double enveloping worm elements. 2,859,665, 11-11-58, Cl. 90-3.
- Birtcher Corp., The: See—
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- Birtwell, Stanley, and F. L. Rose, to Imperial Chemical Industries Ltd. Process of making fungicidal bactericidal, and detergent compositions by reacting an aromatic amine and a dicyandiamide in the presence of a nonionic solvent. 2,830,006, 4-8-58, Cl. 167-30.
- Birtwell, Stanley, W. Hepworth, and G. J. Stacey, to Imperial Chemical Industries Ltd. New triazine derivatives. 2,830,052, 4-8-58, Cl. 260-249.5.
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- Birum, Gail H.: See—
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- Birum, Gail H., to Monsanto Chemical Co. O,O-dialkyl S-arylmecapto phosphorodithioate compositions and method of destroying insects. 2,828,241, 3-25-58, Cl. 167-30.
- Birum, Gail H., to Monsanto Chemical Co. Phosphorus-sulfur compounds. 2,836,534, 5-27-58, Cl. 167-22.
- Birum, Gail H., to Monsanto Chemical Co. Phosphorus-sulfur compounds. 2,836,535, 5-27-58, Cl. 167-22.
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- Birum, Gail H., to Monsanto Chemical Co. Biological toxicant. 2,844,454, 7-22-58, Cl. 71-2.7.
- Birum, Gail H., to Monsanto Chemical Co. Dithiodimethylene diphosphonates. 2,857,304, 10-21-58, Cl. 167-22.
- Birum, Gail H., to Monsanto Chemical Co. Phosphonate esters. 2,857,305, 10-21-58, Cl. 167-22.
- Birum, Gail H., to Monsanto Chemical Co. Organic phosphorus compounds. 2,857,415, 10-21-58, Cl. 260-461.
- Birum, Gail H., to Monsanto Chemical Co. Method of destroying undesired plants. 2,861,876, 11-25-58, Cl. 71-2.6.
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- Bisceglie, Frank. Automobile parking device. 2,819,766, 1-14-58, Cl. 180-1.
- Bischel, Joseph, to Motoren-Werke Mannheim A. G. vorm. Benz Abt. Stat. Motorenbau. Internal combustion engines. 2,863,439, 12-9-58, Cl. 123-193.
- Bischoff, Alfred F.: See—
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- Bischoff, Gustav H. Toy worm. 2,853,831, 9-30-58, Cl. 46-123.
- Bish, Donald H. Rotary internal combustion engine. 2,864,348, 12-16-58, Cl. 123-44.
- Bish, Joseph: See—
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- Bishman Mfg. Co.: See—
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- Bishman, Walter A., to Bishman Mfg. Co. Valve seat puller. 2,861,329, 11-25-58, Cl. 29-213.
- Bishop, Chester A.: See—
Kahler, Harry L., Bishop, and Tanzola. 2,848,299.
- Bishop, Alva J., Jr.: See—
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- Bishop, Arthur E. Power steering gear. 2,865,215, 12-23-58, Cl. 74-388.
- Bishop, Arthur E. Variable ratio steering gear. 2,865,216, 12-23-58, Cl. 74-388.
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- Bishop and Babcock Mfg. Co., The: See—
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- Bishop, Chester K., to Robertshaw-Fulton Controls Co. Anticipatory heater circuit for thermostat controls. 2,847,536, 8-12-58, Cl. 200-122.
- Bishop David Freeman Co.: See—
Schultz, Roy M. 2,861,408.
- Bishop, Donald R.: See—
Bing, Herbert A., and Bishop. 2,845,850.
- Bishop, Donald R., to Polaroid Corp. Sheet-arresting mechanism for photographic apparatus. 2,835,177, 5-20-58, Cl. 95-31.
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- Bishop, Edwin V.: See—
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- Bishop, Everett D. Window construction. 2,839,794, 6-24-58, Cl. 20-52.2.
- Bishop, Frank S. System for substantially eliminating insect infestation in cars, bins and the like. 2,857,630, 10-28-58, Cl. 20-4.
- Bishop, George F. L., to Phillips Petroleum Co. Feedstock injector. 2,842,430, 7-8-58, Cl. 23-288.
- Bishop, H. Berkey: See—
Rippie, Charles W., and Bishop. 2,859,177.
- Bishop, Harold P., to H-P Products, Inc. Inlet valve assembly for central vacuum systems. 2,851,286, 9-9-58, Cl. 284-18.
- Bishop, Harold W.: See—
Gross, Charles J., Kimball, Farley, and Bishop. 2,821,867.
- Bishop, Hazel, Inc.: See—
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- Bishop, Howard B.: See—
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- Bishop, J., & Co., Platinum Works: See—
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- Bishop, Jerald W., to Richardson Mfg. Co. Sickie guard extension for cutter bar. 2,839,884, 6-24-58, Cl. 56-318.
- Bishop, John A.: See—
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- Bishop, John D., to Bell Telephone Laboratories, Inc. Current supply apparatus for load voltage regulation. 2,850,695, 9-2-58, Cl. 523-22.
- Bishop, Leon H.: See—
Wintrobe, Warner C., and Bishop. 2,836,772.
- Bishop, Leonard J., to Mechanical Handling Systems Inc. Conveyor system. 2,850,139, 9-2-58, Cl. 198-19.
- Bishop, Leonard J., and P. Klamp, to Mechanical Handling Systems, Inc. Work handling and testing apparatus. 2,850,141, 9-2-58, Cl. 198-21.

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- Bishop, Lewis H.: *See*—
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- Bishop, William T., and L. T. Tichenor, to Eastman Kodak Co. Apparatus for opening crimped continuous filament tow. 2,843,881, 7-22-58, Cl. 19-65.
- Bishton, Thomas W. Packer conveyor for refuse vehicles. 2,866,568, 12-30-58, Cl. 214-83.26.
- Bising, James M., to Henze Instrument and Valve Inc. Rupture disc safety valve. 2,831,492, 4-22-58, Cl. 137-69.
- Bissell, Bennieville O. Branding iron furnace. 2,822,801, 2-11-58, Cl. 126-229.
- Bissell Carpet Sweeper Co.: *See*—
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- Bissett, George P.: *See*—
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- Bisso, Robert J.: *See*—
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- Bistany, Raymond, to General Electric Co. Three-phase transformer construction. 2,835,875, 6-20-58, Cl. 336-5.
- Bisterfeld, Karl A.: *See*—
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- Bisterfeld & Stoltzing: *See*—
Osenberg, Werner. 2,826,015.
- Bistline, Raymond G., Jr., W. S. Port, A. J. Stirton, and J. K. Weil, to United States of America, Agriculture. Polymerizable esters of alpha-sulfonated fatty acids. 2,844,606, 7-22-58, Cl. 260-400.
- Bitter, Franz H., and K. A. Bisterfeld, to North American Philips Co., Inc. Cathode ray tuning indicator tube. 2,829,294, 4-1-58, Cl. 313-107.5.
- Bitterman, Marie L., and J. W. Taylor. Page corner mark for books. 2,853,043, 9-23-58, Cl. 116-119.
- Bittles, Mary J.: *See*—
Bittles, Richard S. 2,854,195.
- Bittles, Richard S., to Mary J. Bittles. Roadbed for model railroads. 2,854,195, 9-30-58, Cl. 238-10.
- Bitner, Burt J., to United States of America, Atomic Energy Commission. Directional antenna. 2,835,890, 5-20-58, Cl. 343-754.
- Bituminous Coal Research, Inc.: *See*—
Buckley, Frederick D. 2,823,627.
Kock, Paul O. 2,827,023.
Kock, Paul O. 2,853,567.
Rotzler, Paul M. 2,858,779.
Yellott, John I. 2,839,253.
Yellott, John I., and Broadley. 2,857,854.
Yellott, John I., and Broadley. 2,861,650.
- Bitzen, Martin, to Trico Products Corp. Windshield cleaner. 2,830,314, 4-15-58, Cl. 15-253.
- Bitzer, Gottlob, to Textile Machine Works. Element mounting means for straight bar knitting machines. 2,854,835, 10-7-58, Cl. 66-86.
- Bitzer, Martin: *See*—
Oisheil, John R., and Bitzer. 2,857,611.
- Bivans, Ernest W., to United States of America, Air Force. Control of stored signals. 2,855,541, 16-7-58, Cl. 315-12.
- Bivens, Maurice E., to General Electric Co. Electric timer. 2,831,111, 4-15-58, Cl. 250-27.
- Bivens, Maurice E., and W. B. Hills, to General Electric Co. Electric timer. 2,864,947, 12-16-58, Cl. 250-27.
- Bixby, Harvey M., to The Coleman Co., Inc. Cement lined tank and spud opening therefor. 2,858,959, 11-4-58, Cl. 220-64.
- Bixby, Leo A., to Rockwell Spring and Axle Co. Transmission shift lever mounting. 2,853,895, 9-30-58, Cl. 74-473.
- Bixby, William E.: *See*—
Crumrine, Herbert E., Rosenthal, and Bixby. 2,861,543.
- Bixby, William E., and R. S. Kriss, to The Haloid Co. Xerographic camera. 2,831,409, 4-22-58, Cl. 95-1.7.
- Bjalmé, Bengt G., to Reed Mfg. Co. Combined pipe holder and wrench. 2,854,216, 9-30-58, Cl. 255-35.
- Bjalmé, Bengt G., to Reed Mfg. Co. Adjustable cam operated die head. 2,855,611, 10-14-58, Cl. 10-96.
- Bjelland, John L.: *See*—
Schutt, Norman C., Bjelland, and Flynn. 2,836,917.
Schutt, Norman C., Bjelland, and Flynn. 2,857,697.
- Bjerkan, Arthur J.: *See*—
Sorensen, Knud B., Morrison, Shriver, and Bjerkan. 2,856,745.
- Bjerknes, Rainer, and E. Nygaard. Key case. 2,854,132, 9-30-58, Cl. 206-37.
- Bjerre, Peder, to Massey-Ferguson Inc. Disc bearing. 2,849,261, 8-26-58, Cl. 308-181.
- Bjork, John C. H.: *See*—
Nilsson, Nils E., Rodnert, and Bjork. 2,862,058.
- Björkell, Herbert J., and K. I. Siltala. Fertilizer spreading device attachable to a tractor. 2,854,174, 9-30-58, Cl. 222-203.
- Bjorklund, Berma. Lift strap and exerciser for recumbent persons. 2,843,858, 7-22-58, Cl. 5-317.
- Bjorklund, Gustaf E., to Aktiebolaget Dentatus. Dental drills. 2,861,341, 11-25-58, Cl. 32-48.
- Björklund, Gustaf E., and S. R. Edvardsson, to Aktiebolaget Dentatus. Dental drills. 2,845,709, 8-5-58, Cl. 32-59.
- Bjorksten, Johan: *See*—
Ashley, Warren C., Fiedler, and Bjorksten. 2,845,650.
Nachtman, John S., and Bjorksten. 2,842,440.
- Bjorksten, Johan. Water purifier. 2,848,389, 8-19-58, Cl. 202-234.
- Bjorksten Research Laboratories, Inc.: *See*—
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Gottlieb, Howard L. 2,854,354.
Katz, Irving, and Thomas. 2,864,780.
Koblitz, Frank F., and Tinoco. 2,825,672.
Lappala, Risto P. 2,859,200.
Lappala, Risto P. 2,864,492.
Meyer, Earl A., and Bina. 2,831,648.
Reese, Richard M., and Anderson. 2,842,026.
Yaeger, Luther L. 2,829,984.
- Bjornberg, Swan O., to Illinois Tool Works. Apparatus for cutting helical grooves. 2,820,386, 1-21-58, Cl. 82-20.
- Blaauw, Andrew: *See*—
Findley, George W., and Blaauw. 2,840,418.
- Blachly, Clark. Adjustable head support. 2,841,857, 7-8-58, Cl. 27-21.
- Blachly, Donald L., to John Oster Mfg. Co. Kerf guide and splitter. 2,819,742, 1-14-58, Cl. 143-43.
- Blachman, Paul A., to The Glidden Co. Non-grain-raising stain compositions and articles prepared therefrom. 2,820,712, 1-21-58, Cl. 106-34.
- Black-Clawson Co., The: *See*—
Baxter, Joseph Jr. 2,830,503.
Baxter, Joseph, Jr. 2,833,184.
Baxter, Joseph, Jr. 2,837,977.
Baxter, Joseph, Jr., and Staeger. 2,835,144.
Bower, Fred C. 2,860,839.
Bridge, Adam E., and Gibson. 2,831,788.
Corbin, Wesley S. 2,860,552.
Martindale, James H. 2,835,173.
PHELPS, Richard W. 2,828,926.
Stark, Donald L. 2,860,550.
- Black, Daniel A., to Fabricated Products Co., Inc. Work protector for drill chucks. 2,848,911, 8-26-58, Cl. 77-55.
- Black & Decker Mfg. Co., The: *See*—
Lee, Walter, and Fogle. 2,822,005.
Potter, Nathaniel D. 2,855,963.
- Black, Donald E., W. E. Collins, J. N. Wognum, and J. E. Ott, to Acme Steel Co. Textile strapping machine. 2,831,422, 4-22-58, Cl. 100-25.
- Black, George O.: *See*—
Vinsonhaler, Russell, Bates, and Black. 2,826,897.
- Black, George S., to the United States of America as represented by the Secretary of the Navy. Switch. 2,821,580, 1-28-58, Cl. 200-17.
- Black, Harold G., B. A. Arnaiz, and H. C. Scheufele, to Proctor & Schwartz, Inc. Apron conveyor. 2,847,112, 8-12-58, Cl. 198-57.
- Black, Isidore E. Windshield towel holder. 2,825,915, 3-11-58, Cl. 15-232.
- Black, James A. Silk screen stencilling machine. 2,866,405, 12-30-58, Cl. 101-126.
- Black, James B., and W. F. Shurts, to Twin Disc Clutch Co. Power transmission. 2,862,363, 12-2-58, Cl. 60-54.
- Black, James E., to Rockwell Spring and Axle Co. Multi-speed drive for vehicle. 2,858,714, 11-4-58, Cl. 74-740.
- Black, James F., to Sylvania Electric Products Inc. Variable resistor. 2,846,553, 8-5-58, Cl. 201-55.
- Black, James F., D. A. Guthrie, G. A. Weisgerber, and J. J. Heigl, to Esso Research and Engineering Co. Stabilization of petroleum distillates. 2,845,388, 7-29-58, Cl. 204-162.
- Black, James G., Jr.: *See*—
Knutsen, Wallace N., Rayburn, Black, and Schmidt. 2,821,617.
Rayburn, Charles C., Black, and Schmidt. 2,821,159.
- Black, James J., to Trailmobile, Inc. Elevating system for trailer center deck. 2,832,636, 4-29-58, Cl. 296-12.
- Black, James J., to Trailmobile, Inc. Cargo suspension structure for road vehicles. 2,833,588, 5-6-58, Cl. 296-28.
- Black, James J., to Trailmobile, Inc. Upper fifth wheel load-bearing frame structure for semi-trailers. 2,841,415, 7-1-58, Cl. 280-106.
- Black, James J., to Trailmobile Inc. Shiftable roof structure for open top vehicles. 2,843,422, 7-15-58, Cl. 296-137.
- Black, John F., and F. W. Rys, to Koppers Co., Inc. Ladle for casting metal. 2,828,516, 4-1-58, Cl. 22-83.
- Black, John M.: *See*—
Stiles, Samuel R., Warburton, and Black. 2,828,348.
- Black, John T., to The Babcock & Wilcox Co. Combination fluid fuel burner. 2,822,864, 2-11-58, Cl. 158-7.
- Black, John W., to Pemco Wheel Co. Bearing structure. 2,866,672, 12-30-58, Cl. 308-191.
- Black, Leonard. Scrub timer and brush cutter. 2,835,094, 5-20-58, Cl. 55-118.
- Black, Lloyd V., to Pittsburgh Plate Glass Co. Guide for glass bending molds. 2,840,953, 7-1-58, Cl. 49-67.
- Black, Marion B.: *See*—
Black, William A. 2,860,481.
- Black, Merrill F., to United States Steel Corp. Arc weld rail bond. 2,834,551, 5-13-58, Cl. 238-14.13.

- Black Products Co.: See—
Lau, Erwin M. 2,863,475.
- Black, Richard G., to Western Electric Co., Inc. Method of and device for determining the relative resistance of various casting resins to cracking. 2,821,082, 1-28-58, Cl. 73—150.
- Black, Robert H., C. Madsen, and E. C. Neuhaus, to Western Electric Co., Inc. Device with collapsible arbor for forming partially formed part into box-like article. 2,843,175, 7-15-58, Cl. 153—25.
- Black, Sebastian E. Automatic safety plow hitch. 2,850,107, 9-2-58, Cl. 180—14.5.
- Black, Sivals & Bryson, Inc.: See—
Laurence, Lawton L., McMinn, and Siver. 2,833,369.
Schelman, William L., and Opel. 2,825,423.
- Black, William A. deceased, by M. B. Black, executrix, to General Time Corp. Secondary clock resetting means. 2,860,481, 11-18-58, Cl. 58—34.
- Black, William H., and R. I. Neel, to General Dynamics Corp. Pilot alarm circuit for use in carrier transmission systems. 2,858,529, 10-28-58, Cl. 340—248.
- Black, William T.: See—
Bailey, Donald L., and Black. 2,849,473.
- Black, Willis E. Battery connector. 2,865,012, 12-16-58, Cl. 339—228.
- Blackadder, William, to Sunnys Toys (Distributors) Ltd. Guided projectile toy. 2,860,621, 11-18-58, Cl. 124—21.
- Blackburn, Alan B., to General Motors Corp. Permanent magnet rotor assembly. 2,831,992, 4-22-58, Cl. 310—156.
- Blackburn, Andrew R.: See—
Steele, Richard E., and Blackburn. 2,818,628.
- Blackburn, Andrew R., and R. E. Steele, to Ram Inc. Heat insulating enclosure. 2,829,608, 4-8-58, Cl. 109—33.
- Blackburn, Charles W., and H. D. Maresh, to Phillips Petroleum Co. Fluid dispensing apparatus. 2,840,272, 6-24-58, Cl. 222—76.
- Blackburn and General Aircraft Ltd.: See—
Brumby, Harold. 2,830,652.
Coupe, Noel P. 2,865,441.
Fenton, George B. 2,856,181.
- Blackburn, Reginald M.: See—
Calbert, James, and Blackburn. 2,834,995.
- Blackett, James C., and F. T. Deziel, to Minneapolis-Honeywell Regulator Co. Burner control apparatus. 2,839,132, 6-17-58, Cl. 158—124.
- Blackford, Benjamin B., and W. J. Gross, to Johnson & Johnson. Method of making plastic strip adhesive bandages. 2,862,846, 12-2-58, Cl. 154—118.
- Blackford, George M. Radiator auxiliary heat distributor. 2,846,196, 8-5-58, Cl. 257—137.
- Black Hawk Co.: See—
Nelson, Permil N. 2,834,370.
Nelson, Permil N. 2,856,043.
- Blackhawk Mfg. Co.: See—
Traupmann, Raymond J. 2,824,381.
- Blackhurst, George V. Rake with cutter blade. 2,835,102, 5-20-58, Cl. 56—400.07.
- Blackier, John: See—
Molyneux, Grevor C., McMahon, and Blackier. 2,827,777.
- Blackman, Arthur W., Jr., and G. D. Lewis, to United Aircraft Corp. Screech reduction in combustion chambers. 2,865,174, 12-23-58, Cl. 60—39.69.
- Blackman, Huey W. Pilot controlled ball cock valves. 2,819,866, 1-14-58, Cl. 251—43.
- Blackman, Odde O. Two wheel trailer dolly. 2,828,973, 4-1-58, Cl. 280—476.
- Blackman, Thomas, to Minneapolis-Moline Co. Cotton stripper unit with collapsible hood. 2,818,700, 1-7-58, Cl. 56—33.
- Blackmer, Paul W., Jr., to Norton Co. Metal bonded diamond wheels. 2,828,197, 3-25-58, Cl. 51—309.
- Blackmer Pump Co.: See—
Brunson, Virgil A. 2,821,934.
- Blackmon, James T., Sr. Artificial tree. 2,853,822, 9-30-58, Cl. 41—15.
- Blackmore, Louis: See—
Hallpike, Charles S., and Blackmore. 2,823,666.
- Blackmun, Edward V., to Aluminum Co. of America. Aluminum base alloy die casting. 2,823,995, 2-18-58, Cl. 75—148.
- Blackmun, Robert L. Toy. 2,865,636, 12-23-58, Cl. 273—97.
- Blackshaw, Joseph T., to Southern California Gas Co. Layout means for welded offsets. 2,832,152, 4-29-58, Cl. 33—180.
- Blackstone Corp.: See—
Lodge, Alvin. 2,841,260.
- Blackstone, Henry, to Servo Corp. of America. Scanning mechanism. 2,832,820, 4-29-58, Cl. 178—6.6.
- Blackstone, Henry, to United States of America, Air Force. Apparatus for producing a conical scan of automatically varying apex angle. 2,855,521, 10-7-58, Cl. 250—83.3.
- Blackstone, Henry, to Servo Corp. of America. Stereoscopic viewer. 2,856,809, 10-21-58, Cl. 88—1.
- Blackstone, Henry, to Servo Corp. of America. Video-display devices. 2,860,179, 11-11-58, Cl. 178—6.6.
- Blackstone, Henry, and J. T. Conley, to United States of America, Navy. Mechanical scan drive system. 2,858,711, 11-4-58, Cl. 74—600.
- Blackstone, Henry, and F. G. Willey, to Servo Corp. of America. Wide-angle prism scanner. 2,859,653, 11-11-58, Cl. 88—1.
- Blackwell, Basil D.: See—
Tunstall, Cuthbert M., Wright, Pollinger, and Blackwell. 2,830,357.
- Blackwood, Robert C. Scissor instrument. 2,865,099, 12-23-58, Cl. 30—134.
- Blades, Alan E.: See—
Lacey, Richard N., and Blades. 2,843,630.
- Blades, Robert E., to Precision Processing Co. Compensating tool holder. 2,833,544, 5-6-58, Cl. 279—6.
- Bladh, Elmer H., to Nutone, Inc. Transformer mounting. 2,819,331, 1-7-58, Cl. 174—52.
- Bladh, Walter E. Novelty bottle cap. 2,821,319, 1-28-58, Cl. 215—41.
- Blagden, Jack H. Pipe bending table with elevating means for the bending mechanism. 2,832,394, 4-29-58, Cl. 153—38.
- Blagg, Charles D.: See—
Shetterly, Karl P., and Blagg. 2,845,693.
- Blagg, Leon, to Esso Research and Engineering Co. Device for positioning a section of drill pipe in a drilling derrick. 2,829,783, 4-8-58, Cl. 214—2.5.
- Blagg, Leon, to Jersey Production Research Co. Valve. 2,859,771, 11-11-58, Cl. 137—512.15.
- Blaha, Albert L., T. E. Davis, and R. L. Peek, Jr., to Bell Telephone Laboratories, Inc. Cathode ray tube display. 2,831,161, 4-15-58, Cl. 324—28.
- Blaha, Donald L., and K. F. Mainland; said Mainland assor. to A. Giusefredi. Baseball batting practice device. 2,839,300, 6-17-58, Cl. 273—26.
- Blaha, Emil, to Selas Corp. of America. Pellet making. 2,847,702, 8-19-58, Cl. 18—5.
- Blaha, Emil, to Selas Corp. of America. Apparatus for converting clay particles into fused unicellular spherical bodies. 2,855,191, 10-7-58, Cl. 263—21.
- Blain, Max, to International Business Machines Corp. Record-controlled electronic calculating machine. 2,858,072, 10-28-58, Cl. 235—61.6.
- Blaine, James G. Bedding clamp. 2,826,795, 3-18-58, Cl. 24—72.5.
- Blaine, John C.: See—
Bailey, Alfred H., and Blaine. 2,838,880.
Harlow, Ernest L., Frech, and Blaine. 2,859,871.
- Blair, Arthur E.: See—
Summers, Arnold R. 2,832,615.
- Blair, Charles M., Jr.: See—
Wirtel, Arthur F., and Blair. 2,828,259.
- Blair, Edgar A., and A. Maggiolo, to The Welsbach Corp. Processes for the oxidation of sulfide compounds and products thereof. 2,846,471, 8-5-58, Cl. 260—537.
- Blair, Eteyl H., to The Dow Chemical Co. O-aryl phosphoroamidohydrazidothioates. 2,851,475, 9-9-58, Cl. 260—461.
- Blair, Eteyl H., to The Dow Chemical Co. O-aryl O-lower alkyl phosphorohydrazidothioates. 2,855,423, 10-7-58, Cl. 260—461.
- Blair, Eteyl H., to The Dow Chemical Co. O-(halophenyl) phosphorodihydrazidothioates. 2,855,424, 10-7-58, Cl. 260—461.
- Blair, Hugh T., Jr.: See—
Stahl, William F., and Blair. 2,829,700.
- Blair, James M., E. L. Ter Bush, and K. T. Swartz. Process for improving the texture of canned meat. 2,822,276, 2-4-58, Cl. 99—187.
- Blair, John C., Jr.: See—
Svendsen, Walter W., and Blair. 2,857,138.
- Blair, Joseph N. Window construction. 2,824,340, 2-25-58, Cl. 20—49.
- Blairco Industries, Inc.: See—
Alden, Blair S. 2,827,848.
- Blake, Arthur J.: See—
Fessler, Frank. 2,845,262.
- Blake, Charles A., Jr.: See—
Schmitt, John M., Blake, Brown, and Coleman. 2,859,094.
- Blake, Francis G., to California Research Corp. Method and apparatus for visually analyzing a plurality of signals. 2,858,475, 10-28-58, Cl. 315—26.
- Blake, Francis G., to California Research Corp. Method and apparatus for eliminating phase distortion in seismic signals. 2,864,072, 12-9-58, Cl. 340—15.
- Blake, Francis G., and A. E. Tilley, to California Research Corp. Method for compensating seismic detector signals for intersignal time variations. 2,841,777, 7-1-58, Cl. 340—15.
- Blake, George C. Pressure injection-type applicator for fluid. 2,821,944, 2-4-58, Cl. 111—7.3.
- Blake, Jack E. Can holding rack. 2,829,854, 4-8-58, Cl. 248—150.
- Blake, James A.: See—
Marasco, Anthony D., and Blake. 2,824,183.
- Blake, John T., to Scovill Mfg. Co. Removable button. 2,835,948, 5-27-58, Cl. 24—108.
- Blake, John T., to Bell Telephone Laboratories, Inc. Frequency indication system. 2,857,566, 10-21-58, Cl. 324—57.
- Blake, John T., and A. L. Ely; said Blake to Bell Telephone Laboratories, Inc. Diode gate and sampling circuit. 2,866,103, 12-23-58, Cl. 307—88.5.
- Blake, Norman B., to Sun Oil Co. Frequency modulation system. 2,858,510, 10-28-58, Cl. 332—14.
- Blake, Norman B., and W. H. Cox, to Sun Oil Co. Multiplication circuit. 2,835,444, 5-20-58, Cl. 235—61.
- Blake, Stephen. Abacus. 2,857,686, 10-28-58, Cl. 35—33.

- Blake, William T. Shock absorbing mechanism. 2,861,795, 11-25-58, Cl. 267-8.
- Blakeley, John D., and S. R. Potter. Slide rules. 2,832,539, 4-29-58, Cl. 235-70.
- Blakely, Douglas P.: *See*—
Pratt, William J., and Blakely. 2,853,778.
- Blakeslee, G. S., & Co.: *See*—
Pickett, Montgomery B. 2,823,174.
- Blakeslee, Raymond M.: *See*—
Oki, Richard K., and Blakeslee. 2,826,003.
- Blakeslee, Walter L. Overload release clutch. 2,837,190, 6-3-58, Cl. 192-56.
- Blakslee, Edward L., and D. H. Ruge, to American Can Co. Method of applying tape to can body blanks. 2,826,525, 3-11-58, Cl. 154-116.
- Blanc Georges, and N. Volianik, to Centre Technique des Industries de la Fonderie. Production of cast iron articles. 2,853,376, 9-23-58, Cl. 75-48.
- Blanc, Jacques J. L., to Societe d'Exploitation des Matiers Hispano-Suiza S. A. Jet engines, chiefly turbo-jet engines provided with an auxiliary heating system. 2,823,517, 2-18-58, Cl. 60-35.6.
- Blanchard, Alva G. Automatic control mechanism for pressure vessels. 2,846,985, 8-12-58, Cl. 122-504.2.
- Blanchard, Andre. Method and apparatus for electrostatic coating utilizing projection of liquid solely by the electric field. 2,826,513, 3-11-58, Cl. 117-93.
- Blanchard, Andre, to Schlumberger Well Surveying Corp. Measuring apparatus. 2,827,572, 3-18-58, Cl. 250-83.6.
- Blanchard, Beynon: *See*—
Coleman, Robert H., Blanchard, and Jokilehto. 2,856,343.
- Blanchard, Floyd W. Belt supported cartridge pouch. 2,837,259, 6-3-58, Cl. 224-15.
- Blanchard, Loring W., Jr.: *See*—
Malm, Carl J., and Blanchard. 2,828,303.
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- Blanchard, Melbourne K., to United States of America, Atomic Energy Commission. Composition and method for coating a ceramic body. 2,859,138, 11-4-58, Cl. 117-169.
- Blanchard, Paul D.: *See*—
Hoyt, Leo E., and Blanchard. 2,833,148.
- Blancher, Donald W., to Bendix Aviation Corp. Coupling connection for slot antenna. 2,821,708, 1-28-58, Cl. 343-767.
- Blanchet, Hilaire. Frame for mounting blades, snow ploughs, or the like, on tractors. 2,862,315, 12-2-58, Cl. 37-144.
- Blanchette, Joseph A., to Monsanto Chemical Co. Alkyl vinyl ketone-styrene copolymer hydroxylated by reducing carbonyl group. 2,862,911, 12-2-58, Cl. 260-63.
- Blanchette, Joseph A., to Monsanto Chemical Co. Reduced copolymers. 2,865,889, 12-23-58, Cl. 260-63.
- Blanchette, Joseph A., to Monsanto Chemical Co. Cinchoninic acid derivatives. 2,865,902, 12-23-58, Cl. 260-93.5.
- Blanco, Alfredo B. Process for elaborating a material based on cactaceous woody texture. 2,850,399, 9-2-58, Cl. 106-163.
- Blanco, Elias: *See*—
Evans, William I., and Blanco. 2,837,789.
- Blanco, Elias, to Dystrom, Inc. Variable potentiometer. 2,856,493, 10-14-58, Cl. 201-56.
- Blanco, Raymond E., and B. H. Morrison, to United States of America, Atomic Energy Commission. Method of purifying uranium metal. 2,865,737, 12-23-58, Cl. 75-84.1.
- Bland, Dell J. Safety barrier for automobile window. 2,864,648, 12-16-58, Cl. 296-106.
- Bland, George F., to International Business Machines Corp. Electro-static methods of storing and recovering information. 2,835,845, 5-20-58, Cl. 315-12.
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- Bland, George F., K. E. Schreiner, and B. L. Havens, to International Business Machines Corp. Timing and data selection means for a register display device. 2,854,192, 9-30-58, Cl. 235-61.
- Blanding, Forrest H., and W. J. Schmidt, to Esso Research and Engineering Co. Conversion of hydrocarbons. 2,844,518, 7-22-58, Cl. 196-50.
- Blanding, Leonard C., to Lear, Inc. Slip ring and brush assembly. 2,843,830, 7-15-58, Cl. 339-5.
- Blank, Ferdinand. Means providing a vented medical cast. 2,822,806, 2-11-58, Cl. 128-91.
- Blank, Jack: *See*—
Blank, Robert and J. 2,844,215.
- Blank, Robert, deceased, and J. Blank; B. Fenster and G. Lake, executrices, to J. Blank. Knock-down air filter. 2,844,215, 7-22-58, Cl. 183-49.
- Blank, Robert E., to The Sherwin-Williams Co. Pearlescent type coating composition. 2,851,370, 9-9-58, Cl. 106-193.
- Blankenbaker, John V., to Hughes Aircraft Co. Frequency to digital conversion. 2,840,709, 6-24-58, Cl. 250-27.
- Blankenbaker, John V., to Hughes Aircraft Co. Electronic five's multiple generator. 2,850,233, 9-2-58, Cl. 235-61.
- Blankenbaker, Raymond G.: *See*—
Reddick, Willis C., Blankenbaker, and Hall. 2,826,101.
- Blankenship, Allen N. Polyphase slave motor. 2,861,236, 11-18-58, Cl. 318-361.
- Blankenship, Howard C. Ventilation door. 2,822,041, 2-4-58, Cl. 160-92.
- Blankers, Zeger H. Shore-controlled method and system of preamplifier exchange. 2,841,776, 7-1-58, Cl. 340-4.
- Blankfield, Jack J. Device for cleaning teeth. 2,855,930, 10-14-58, Cl. 128-229.
- Blanton, George K., and T. A. Feild, Jr., to Union Carbide Corp. Anti-static composition, process of making and process of applying. 2,841,567, 7-1-58, Cl. 260-29.6.
- Blanton, Russell N., and G. L. Tucker, to General Motors Corp. Door window roller guide assembly. 2,822,215, 2-4-58, Cl. 296-44.5.
- Blanton, William B.: *See*—
Pessagno, Theodore S., Blanton, and Magee. 2,860,177.
- Blaser, Bruno: *See*—
Raecke, Bernhard, Blaser, Stein, and Schirp. 2,863,913.
- Blaser, Bruno, to Henkel & Cie, G. m. b. H. Composition of matter for and process of producing phosphate layers on iron surfaces. 2,837,449, 6-3-58, Cl. 148-6.15.
- Blaser, Bruno, and H. Linke, to Dehydag, Deutsche Hydrierwerke G. m. b. H. Flushing pigments. 2,822,283, 2-4-58, Cl. 106-262.
- Blaser, Bruno, and W. Stein, to Henkel & Cie, G. m. b. H. Process for the isomerization of unsaturated alcohols and their esters. 2,837,577, 6-3-58, Cl. 260-642.
- Blaser, Robert U., and D. C. Schluderberg, to The Babcock & Wilcox Co. Vapor generating unit. 2,862,479, 12-2-58, Cl. 122-34.
- Blaser, Wilfred A., to Mast Development Co. Predetermined counter with magnetic reset to preset position. 2,858,985, 11-4-58, Cl. 235-132.
- Blash, Joseph A., to Eastman Kodak Co. Lens blocking device. 2,838,892, 6-17-58, Cl. 51-277.
- Blashfield, Floyd A., to American Hospital Supply Corp. Rocking bed and cam control mechanism. 2,862,392, 12-2-58, Cl. 74-42.
- Blashfield, Floyd A., and H. K. De Witt, to American Hospital Supply Corp. Curtain arm structure. 2,855,041, 10-7-58, Cl. 160-336.
- Blashfield, William H. Analyzer for ticketing system. 2,819,841, 1-14-58, Cl. 235-61.9.
- Blashill, Arthur E. Weaving spindle and wire feed means for wire fabric making machine. 2,843,160, 7-15-58, Cl. 140-92.3.
- Blasi, John V. Rotary toothbrush having means to feed dentifrice thereon. 2,841,806, 7-8-58, Cl. 15-24.
- Blasingame, Benjamin P. Electronic A. C. integrator or integrating oscillator. 2,846,577, 8-5-58, Cl. 250-27.
- Blasingame, Benjamin P. Electrical network system or simulator. 2,859,914, 11-11-58, Cl. 235-61.
- Blasius, Herman J., and R. G. Reichle, to American Wilbert Vault Corp. Forms. 2,818,627, 1-7-58, Cl. 25-128.
- Blasius, Herman J., and R. G. Reichle, to American Wilbert Vault Corp. Burial vault forms. 2,828,526, 4-1-58, Cl. 25-130.
- Blasius, Walter O.: *See*—
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- Blaskowski, Henry J., to Combustion Engineering, Inc. Vapor generator with novel gas recirculating system. 2,837,066, 6-3-58, Cl. 122-479.
- Blaskowski, Henry J., to Combustion Engineering, Inc. Method and apparatus for generating steam. 2,840,055, 6-24-58, Cl. 122-479.
- Blaskowski, Henry J., to Combustion Engineering, Inc. Steam generation. 2,842,102, 7-8-58, Cl. 122-4.
- Blaskowski, Henry J., to Combustion Engineering, Inc. Panel type steam heaters. 2,851,017, 9-9-58, Cl. 122-476.
- Blaskowski, Henry J., to Combustion Engineering, Inc. Regenerative heat exchanger. 2,858,110, 10-28-58, Cl. 257-6.
- Blastkett, Donald R., to The Broken Hill Associated Smelters Proprietary Ltd. Treatment of lead. 2,829,093, 4-1-58, Cl. 204-66.
- Blaszowski, Henry, and R. A. Papke. Protective covering. 2,826,523, 3-11-58, Cl. 154-50.
- Blatherwick, Delbert T., to Robertson Photo-Mechanix, Inc. Lens mounting. 2,844,082, 7-22-58, Cl. 95-51.
- Blaton, Armand E. A. Wire anchoring device. 2,827,679, 3-25-58, Cl. 24-126.
- Blatt, Leland F., and A. E. Sherman. Toggle clamp. 2,835,291, 5-20-58, Cl. 144-302.
- Blatt, Leland F., and J. M. Jateko. Holddown clamp. 2,845,847, 8-5-58, Cl. 90-59.
- Blatt, Paula. Combined abdomen supporting means and garter belt. 2,862,499, 12-2-58, Cl. 128-535.
- Blatt, Paula. Combined abdomen-supporting means and garter belt. 2,862,500, 12-2-58, Cl. 128-535.
- Blatt, Paula. Garter belt. 2,862,501, 12-2-58, Cl. 128-535.
- Blatt, Paula. Maternity girdle. 2,862,502, 12-2-58, Cl. 128-540.
- Blatt, Paula. Maternity girdle with separable garter-supporting attachment. 2,862,503, 12-2-58, Cl. 128-546.
- Blatt, Paula. Panty. 2,863,152, 12-9-58, Cl. 2-224.
- Blatter, Hans, to Akt. Brown, Boveri & Cie. Mechanical current converter. 2,864,991, 12-16-58, Cl. 321-48.
- Blattner, Emil H., to The Symington-Gould Corp. Side bearing. 2,830,857, 4-15-58, Cl. 308-138.
- Blattner, Emil H., to The Symington-Gould Corp. Journal box wear plate. 2,839,341, 6-17-58, Cl. 308-54.

- Blattner, Emil H., to The Symington-Gould Corp. Universal coupler and yoke connection. 2,841,295, 7-1-58, Cl. 213-72.
- Blattner, Emil H., to The Symington-Gould Corp. Draft mechanism. 2,847,129, 8-12-58, Cl. 213-65.
- Blattner, Emil H., to The Symington-Gould Corp. Selective travel draft gear. 2,850,175, 9-2-58, Cl. 213-45.
- Blattner, Emil H., to The Symington-Gould Corp. Draft structure. 2,850,177, 9-2-58, Cl. 213-60.
- Blattner, Emil H., to The Symington-Gould Corp. Railway draft gear. 2,856,078, 10-14-58, Cl. 213-32.
- Blättner, Karl, and W. P. Koch, to Faber & Schleicher Akt. Stacking device for printing machines. 2,836,418, 5-27-58, Cl. 271-68.
- Blaupunkt-Werke Gesellschaft mit beschränkter Haftung: See—
- Schmidt, Ommo, 2,855,507.
- Schmidt, Ommo, Thrien, and Klimke. 2,863,043.
- Blauvelt, Frederick D. Window construction. 2,818,920, 1-7-58, Cl. 160-92.
- Blauvelt, Ralph C., to Thompson Products, Inc. Servomotor system for remote control. 2,863,107, 12-2-58, Cl. 318-28.
- Blaw-Knox Co.: See—
- Badlam, Stephen. 2,845,822.
- Carleton, Richard J., Jr. 2,832,110.
- Conacher, James E. 2,828,100.
- Eckstrom, Albert W., and Garrow. 2,842,195.
- Fox, Oscar M. 2,820,439.
- Karnofsky, George B. 2,840,459.
- Pottmeyer, Edward W. 2,823,819.
- Pottmeyer, Edward W. 2,840,046.
- Pottmeyer, Edward W. 2,851,771.
- Pottmeyer, Edward W. 2,856,084.
- Sanscrainte, Clarence C. 2,850,086.
- Scheib, Elmer J., and Ehrhardt. 2,826,838.
- Blazek, William J., to Lempeo Products, Inc. Positioning means for guide assemblies of punch press die sets. 2,846,278, 8-5-58, Cl. 308-6.
- Blazek, William J., and J. J. Strnad, to Lempeo Products, Inc. Die sets for machine presses. 2,823,960, 2-18-58, Cl. 308-6.
- Blazek, William J., and S. Zakrzewski, to Lempeo Products, Inc. Arbor-supporting jack for machine tool. 2,865,259, 12-23-58, Cl. 90-20.
- Blazier, Arthur W. Bird feeder. 2,866,435, 12-30-58, Cl. 119-53.
- Blea, Cyril: See—
- Haworth, Lionel, Smith, Blea, and Slattery. 2,825,247.
- Bleachers' Association Ltd.: See—
- Evans, John G., Landells, Moorhouse, and Perfect. 2,825,117.
- Bleakley, Norman F., to Dearborn Brass Co. Non-symmetrical adjustable Y-type connector. 2,834,615, 5-13-58, Cl. 285-151.
- Blam, Howard A., to Admiral Corp. Counter circuits. 2,849,653, 8-26-58, Cl. 315-84.5.
- Blears, Jack: See—
- Heathcote, Kenneth, and Blears. 2,856,148.
- Bleasdale, William J., to Superior Pipe Specialties Co. Accumulator. 2,829,672, 4-8-58, Cl. 138-31.
- Blease, Ronald A.: See—
- Marsh, John T., and Blease. 2,859,136.
- Blease, Wilfred J. Dispensing liquids. 2,847,009, 8-12-58, Cl. 128-222.
- Bleecker, William H., to Allegheny Ludlum Steel Corp. Production of refractory metal carbides. 2,849,275, 8-26-58, Cl. 23-14.
- Bleeksma, Jan: See—
- Hendee, Charles F., Fine, and Bleeksma. 2,837,677.
- Bleher, William C.: See—
- Smith, Merrill M., and Bleher. 2,835,920.
- Bleibtren, Hermann. Freight car truck. 2,837,035, 6-3-58, Cl. 105-197.1.
- Bleier, Ernest L., to General Dynamics Corp. Automatic telephone switch bank multiple. 2,829,318, 4-1-58, Cl. 317-112.
- Bleier, Frank, to Stewart Industries, Inc. Fan assembly. 2,847,156, 8-12-58, Cl. 230-117.
- Blenski, Joseph, to F. Riefschneider. Foldable sawhorse. 2,824,771, 2-25-58, Cl. 304-5.
- Blereau, Victor W.: See—
- Strasburger, Lawrence W., and Blereau. 2,824,006.
- Blessing, Gregory W., to Electronics Process Corp. Apparatus for heat sealing plastic films. 2,835,776, 5-20-58, Cl. 219-10.53.
- Blessing, William E.: See—
- Hertenstein, Warren S., and Blessing. 2,832,080.
- Blet, Georges, to Societe Triflux. Glow discharge systems. 2,832,009, 4-22-58, Cl. 315-183.
- Blet, Georges C. F., to Centre National de la Recherche Scientifique. Micro-photometry. 2,821,103, 1-28-58, Cl. 88-14.
- Bletcher, James H.: See—
- Ward, Irving A. 2,862,766.
- Bletcher, Pearl W.: See—
- Ward, Irving A. 2,862,766.
- Bletcher, Ralph E.: See—
- Ward, Irving A. 2,862,766.
- Bletcher, Ralph E., and L. A. Ward, small percentages to various assignees. Flow regulator. 2,832,643, 4-29-58, Cl. 299-159.
- Bletz, Howard W., to Stevens Mfg. Co., Inc. Probe thermostat. 2,856,489, 10-14-58, Cl. 200-136.5.
- Bletzinger, John C.: See—
- Rickard, Charlotte I., and Bletzinger. 2,834,459.
- Bletzinger, John C., W. U. Day, and R. E. Roth, to Kimberly-Clark Corp. Sanitary napkin. 2,843,125, 7-15-58, Cl. 128-290.
- Blauenstein, Julius M., to Ford Motor Co. Hot sand curing of shell molds. 2,834,076, 5-13-58, Cl. 22-193.
- Blauenstein, Julius M., to Ford Motor Co. Sand coating. 2,834,741, 5-13-58, Cl. 260-25.
- Blauenstein, Julius M., to Ford Motor Co. Method of shell molding. 2,837,798, 6-10-58, Cl. 22-193.
- Blauenstein, Julius M., to Ford Motor Co. Process for production of shell molds. 2,841,845, 7-8-58, Cl. 22-193.
- Bleyer, Karl. Method and apparatus for making producer gas. 2,821,464, 1-28-58, Cl. 48-76.
- Bleyer, Lloyd G., to Chain Belt Co. Fish saving apparatus for traveling screens. 2,851,162, 9-9-58, Cl. 210-158.
- Bleyle, Gustave A., Jr., to United States of America, Atomic Energy Commission. Coupling means for liquified-gas conduits. 2,858,146, 10-28-58, Cl. 284-18.
- Blicke, Frederick F., to Regents of The University of Michigan. Tertiary-amino-lower-alkyl esters of 2-aryl-3-hydroxypropanoic acids and preparation thereof. 2,827,477, 3-18-58, Cl. 260-473.
- Blicke, Frederick F., to Regents of The University of Michigan. Preparation of cycloalkanones. 2,846,474, 8-5-58, Cl. 260-586.
- Blickenstorfer, Gustav. Cutting tool. 2,821,098, 1-28-58, Cl. 77-73.5.
- Blickman, Harry. Home exercising apparatus. 2,855,200, 10-7-58, Cl. 272-58.
- Blickwedel, Theodore W., and W. J. Rhyne, to Sylvania Electric Products Inc. Cathodoretically coated heater insulator assembly. 2,831,140, 4-15-58, Cl. 313-340.
- Bligard, Erling J., to Tectron, Inc. Flexure links for a vibrating coil support. 2,838,700, 6-10-58, Cl. 310-27.
- Blik, Rudolf, Elektrische Apparaten-en Metaalwarenfabriek N. V.: See—
- Barel, Cornelis. 2,822,487.
- Blind, Karl A. Lifting magnet. 2,837,702, 6-3-58, Cl. 317-164.
- Blink, Robert O., to Mitchell Mfg. Co. Hinged locking braces for folding table sections. 2,828,173, 3-25-58, Cl. 311-92.
- Blinn, Glenn E., and C. Flachbarth, to Walker Brothers. Access unit for use in underfloor duct systems. 2,824,578, 2-25-58, Cl. 138-92.
- Blinn, Herbert M. Multiplied key-ended trunk termination. 2,844,657, 7-22-58, Cl. 179-48.
- Blinn, Morton B.: See—
- Kelly, Peter B., and Blinn. 2,852,355.
- Blinoff, William, L. C. Gutschick, J. E. Wrzepski, and F. P. Venditti, to Motorola, Inc. Phonograph tone arm. 2,833,867, 5-6-58, Cl. 179-100.41.
- Blinoff, William, L. E. Pearson, and F. P. Venditti, to Motorola, Inc. Radio-phonograph combination. 2,836,663, 5-27-58, Cl. 179-100.11.
- Bliss, Albert, to S. A. Thomas, Jr. Roller buckle. 2,840,876, 7-1-58, Cl. 24-171.
- Bliss, Charles, to Foster Wheeler Corp. Fluid heater. 2,855,903, 10-14-58, Cl. 122-149.
- Bliss, Donald C. Automatic telephone system. 2,828,364, 3-25-58, Cl. 179-18.
- Bliss, E. W., Co.: See—
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- Bliss, George L., to United States Steel Corp. Method and apparatus for spooling wire. 2,845,229, 7-29-58, Cl. 242-25.
- Bliss, George N. Automatic candler for brown or white eggs. 2,823,800, 2-18-58, Cl. 209-111.
- Bliss, Harry F., 1/2 to H. C. Remfrey. Spare tire holder and hoist. 2,855,118, 10-7-58, Cl. 214-454.
- Bliss, Harvey N., and O. Wild, Jr., to Veeder-Root Inc. Composite gear cone. 2,821,863, 2-4-58, Cl. 74-348.
- Bliss, Harvey N., and H. B. Vroom, to Veeder-Root Inc. Resetting mechanism for counters. 2,833,477, 5-6-58, Cl. 235-144.
- Bliss, Harvey N., and G. L. Manke, to Veeder-Root Inc. Latitude and longitude counter. 2,851,215, 9-9-58, Cl. 235-1.
- Bliss, Raymond W., Jr. Solar water heating system. 2,838,043, 6-10-58, Cl. 126-271.
- Bliss, Warren H., to Radio Corp. of America. Electronic interval timers. 2,832,044, 4-22-58, Cl. 324-68.
- Bliss, Warren H., to Radio Corp. of America. Code translator. 2,848,534, 8-19-58, Cl. 178-26.
- Bliss, Warren H., to Radio Corp. of America. Electronic character selecting and/or printing apparatus. 2,860,181, 11-11-58, Cl. 178-15.
- Blitzer, Sidney M., and J. R. Zietz, Jr., to Ethyl Corp. Process for the preparation of alkyl tin chlorides. 2,852,543, 9-16-58, Cl. 260-429.7.
- Blitzer, Sidney M., and T. H. Pearson, to Ethyl Corp. Manufacture of organolead compounds. 2,859,225, 11-4-58, Cl. 260-437.

- Blitzer, Sidney M., and T. H. Pearson, to Ethyl Corp. Manufacture of organolead compounds. 2,859,226, 11-4-58, Cl. 260-437.
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- Blitzer, Sidney M., and T. H. Pearson, to Ethyl Corp. Manufacture of alkyllead compounds. 2,859,231, 11-4-58, Cl. 260-437.
- Blitzer, Sidney M., and T. H. Pearson, to Ethyl Corp. Manufacture of organolead compounds. 2,859,232, 11-4-58, Cl. 260-437.
- Bliven, Charles V., to Ford Motor Co. Shock absorber. 2,818,942, 1-7-58, Cl. 188-88.
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- Bloch, Alfred, to Ethicon Suture Laboratories Inc. Sterilization of surgical catgut sutures and ligatures. 2,832,664, 4-29-58, Cl. 21-58.
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- Bloch, Herman S., to Universal Oil Products Co. Method of producing sulfonated alkanes. 2,822,387, 2-4-58, Cl. 260-513.
- Bloch, Herman S., to Universal Oil Products Co. Solvent extraction of organic mixtures with mixed glycol ethers as solvents. 2,834,820, 5-13-58, Cl. 260-674.
- Bloch, Herman S., to Universal Oil Products Co. Preparation of para-dialkyl substituted aromatic compounds. 2,838,581, 6-10-58, Cl. 260-668.
- Bloch, Herman S., to Universal Oil Products, Co. Sulfonation process with emphasis on economy of sulfonating agent. 2,844,624, 7-22-58, Cl. 260-505.
- Bloch, Herman S., to Universal Oil Products Co. Preparation of maleic anhydride. 2,846,450, 8-5-58, Cl. 260-346.8.
- Bloch, Herman S., to Universal Oil Products Co. Carbonyl-exchange resins containing hydrazino and/or oxamino groups. 2,851,445, 9-9-58, Cl. 260-80.3.
- Bloch, Herman S., and G. L. Hervert, to Universal Oil Products Co. Manufacture of catalytic materials. 2,835,638, 5-20-58, Cl. 252-442.
- Bloch, Herman S., and D. R. Strehlau, to Universal Oil Products Co. Surface active polyethylene and polypropylene amine N-aryl carbanates. 2,839,568, 6-17-58, Cl. 260-472.
- Bloch, Herman S., and D. R. Strehlau, to Universal Oil Products Co. Alkylaryl thio-urethanes. 2,849,474, 8-26-58, Cl. 260-455.
- Bloch, Herman S., and E. L. Pollitzer, to Universal Oil Products Co. Solvent compositions containing anticorrosion agents. 2,850,461, 9-2-58, Cl. 252-364.
- Bloch, Leon. Drain control device for bath tubs. 2,859,453, 11-11-58, Cl. 4-199.
- Bloch, Monroe P.: See—
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- Bloch, Richard, to Liberty Fabrics of New York, Inc. Elastic lace fabric. 2,845,834, 8-5-58, Cl. 87-2.
- Bloch, Richard M., to Raytheon Mfg. Co. Diagnostic information monitoring system. Re. 24,447, 3-25-58, Cl. 235-61.
- Bloch, Walter W., to Quaker Stretcher Co. Combination serving cart and rack for stacked serving tables. 2,851,166, 9-9-58, Cl. 211-27.
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- Block, Aleck. Method for forming grooves in abrasive wheels. 2,818,697, 1-7-58, Cl. 51-281.
- Block, Aleck, to Merit Products, Inc. Abrasive drum. 2,843,981, 7-22-58, Cl. 51-193.7.
- Block, Alvin V., and N. L. Duncan, to United States of America, Navy. Air jet commutator. 2,852,636, 9-16-58, Cl. 200-81.9.
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- Block, Richard J., and W. H. Wingerd, to The Borden Co. Demineralization of solutions. 2,830,905, 4-15-58, Cl. 99-54.
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- Blois, Marsden S., Jr. Magnetic element and method for producing the same. 2,853,402, 9-23-58, Cl. 117-71.
- Blok, Henri, to North American Philips Co., Inc. Radio-receiver. 2,823,382, 2-11-58, Cl. 343-867.
- Blok, Lourens, and G. Zwaneburg, to North American Philips Co., Inc. Coil system more particularly for high-frequency heating generators. 2,837,725, 6-3-58, Cl. 336-62.
- Blom, Paul: See—
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- Blomberg, Eero A. Carburation agitator. 2,826,183, 3-11-58, Cl. 123-133.
- Blomberg, Knut H., H. E. Lindström, and H. G. Thames, to Telefonaktiebolaget L. M. Ericsson. Casing for telephone instruments. 2,822,432, 2-4-58, Cl. 179-103.
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- Blomgren, Clarence A. Lift truck. 2,822,944, 2-11-58, Cl. 214-390.
- Blomquist, Albert E., to Fairchild Engine and Airplane Corp. Earth-moving apparatus. 2,830,392, 4-15-58, Cl. 37-117.5.
- Blomquist, Albert E. Inflating and deflating means for pneumatic-hydraulic tire. 2,847,049, 8-12-58, Cl. 152-330.
- Blomqvist, Ole. Bath tubs. 2,860,349, 11-18-48, Cl. 4-177.
- Blomstran, Carl A., and W. J. Ehrensperger, to Stockham Valves & Fittings, Inc. Valve actuating mechanism. 2,858,097, 10-28-58, Cl. 251-164.
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- Blonder, Isaac S. Electrical-line tapper. 2,843,827, 7-15-58, Cl. 333-6.
- Blood, Harold A. Window construction. 2,847,724, 8-19-58, Cl. 20-11.
- Blood, Robert H., to Esso Research and Engineering Co. Sampling pump for use in bore holes. 2,831,439, 4-22-58, Cl. 103-181.
- Blood, Robert H., to Esso Research and Engineering Co. Inflatable packer formation tester with separate production pockets. 2,843,208, 7-15-58, Cl. 166-100.
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- Bloom, Aaron, and E. L. Michel. Universal aviators oxygen breathing mask. 2,837,090, 6-3-58, Cl. 128-146.
- Bloom, Abe M. Roasting machine for wieners. 2,858,763, 11-4-58, Cl. 99-427.
- Bloom, Albert, and D. L. Deutsch, to General Aniline & Film Corp. Process of preparing dibromo-di-perinaphthindandion. 2,821,557, 1-28-58, Cl. 260-590.
- Bloom, Albert, H. B. Frevermuth, and J. B. Normington, to General Aniline & Film Corp. Stabilization of organic isocyanates. 2,835,692, 5-20-58, Cl. 260-453.
- Bloom, Albert, R. K. Lehme, and M. R. Stevenson, to General Aniline & Film Corp. Cvelization of aromatic carboxylic acid compounds. 2,842,562, 7-8-58, Cl. 260-369.
- Bloom, Albert, and L. M. Schenck, to General Aniline & Film Corp. Preparation of diaminoanthraquinone sulfonic acids. 2,842,564, 7-8-58, Cl. 260-371.
- Bloom, Albert, H. B. Frevermuth, and J. B. Normington, to General Aniline & Film Corp. Process for the preparation of isocyanates. 2,847,440, 8-12-58, Cl. 260-453.
- Bloom, Albert, and E. V. Welch, to General Aniline & Film Corp. Liquid aromatic diamines as curing agents for epoxy ether resins. 2,853,467, 9-23-58, Cl. 260-47.
- Bloom, Barry M.: See—
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Agnello, Eugene J., Bloom, and Laubach. 2,835,684.
Shull, Gilbert M., and Bloom. 2,830,935.
- Bloom, Barry M., and G. D. Laubach, to Chas. Pfizer & Co., Inc. Nortropene and tropanols 2-substituted by diphenylcarbinol. 2,834,783, 5-13-58, Cl. 260-292.
- Bloom, Cecil A., to South Bend Metal Products Co. Sign construction. 2,855,711, 10-14-58, Cl. 40-140.
- Bloom, Dolores F., to Aircushion Patents Corp. Method of sampling well fluids. 2,850,097, 9-2-58, Cl. 166-3.
- Bloom, Melvin S.: See—
Towne, Edmund B., Dickey, and Bloom. 2,839,523.
Towne, Edmund B., Dickey, and Bloom. 2,852,504.
- Bloom, Quentin M., to Selas Corp. of America. Furnace work advancing mechanism. 2,839,282, 6-17-58, Cl. 263-3.
- Bloom, Quentin M., to Selas Corp. of America. Soaking pits. 2,839,290, 6-17-58, Cl. 266-5.
- Bloom, Quentin M., and S. H. Herman, to Selas Corp. of America. Heat treating machine. 2,848,213, 8-19-58, Cl. 266-4.

- Bloom, Roy C., and H. J. Fassbender, to Eastman Kodak Co. Tinting bath for photographic paper. 2,865,746, 12-23-58, Cl. 96-48.
- Bloomberg, David J., to General Electric Co. Turbomachine wheels and methods of making the same. 2,858,102, 10-28-58, Cl. 253-39.15.
- Bloomberg, David J., and N. Burgess, to General Electric Co. Improved method and arrangement for starting reaction type propulsion units using an auxiliary reaction type propulsion unit. 2,840,987, 7-1-58, Cl. 60-39.14.
- Bloomer Bros. Co. See—
- Hatcher, Glenn B. 2,826,967.
- Holmes, Raynor M. 2,844,297.
- Inman, William H. 2,852,180.
- Inman, William H. 2,865,549.
- Tobey, Leon H. 2,823,501.
- Bloomer, James L., and C. W. Keenan, to The University of Tennessee Research Corp. Processing chamber. 2,862,307, 12-2-58, Cl. 34-92.
- Bloomfield, Joseph M.: See—
- Baumann, Frank J., and Bloomfield. 2,837,291.
- Bloomquist, Egner L. Article-carrying case. 2,865,527, 12-23-58, Cl. 220-19.
- Bloomsburg, Harry E.: See—
- Beerbower, Alan, and Bloomsburg. 2,850,458.
- Bloser, Dwight W., to Daystrom, Inc. Motor speed control apparatus. 2,858,392, 10-28-58, Cl. 200-80.
- Blosjo, Herbert H. Hardness testing device. 2,849,876, 9-2-58, Cl. 73-81.
- Blosser, Herman G., to Westinghouse Air Brake Co. Railway signaling system. 2,852,664, 9-16-58, Cl. 246-38.
- Blosser, Herman G., to Westinghouse Air Brake Co. Vehicle weighing system. 2,866,137, 12-23-58, Cl. 317-139.
- Blough, Ronald S.: See—
- Johnson, Harold D., and Blough. 2,836,993.
- Blount, Joseph W., and G. G. McCullar. Air compressor. 2,846,139, 8-5-58, Cl. 230-170.
- Blout, Elkan R.: See—
- Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,274.
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- Land, Edwin H., Blout, and Haas. 2,830,900.
- Blour, Elkan R., S. G. Cohen, and M. Green, to Polaroid Corp. Photographic processes. 2,843,481, 7-15-58, Cl. 96-29.
- Blout, Elkan R., S. G. Cohen, R. S. Corley, and M. S. Simon, to Polaroid Corp. 1,1-difluoro-2,2-dimethylethylene and its preparation. 2,852,573, 9-16-58, Cl. 260-653.
- Blow, Angus W., to General Dynamics Corp. Public address system. 2,830,117, 4-8-58, Cl. 179-1.
- Blow, Angus W., to General Dynamics Corp. Privacy insuring means for intercommunication systems. 2,841,647, 7-1-58, Cl. 179-1.
- Blow, Angus W., A. A. Baker, and G. H. Clark, to General Dynamics Corp. Remote supervisory control system. 2,863,073, 12-2-58, Cl. 307-140.
- Bloxidge, William R.: See—
- Strange, John W., Waigh, and Bloxidge. 2,866,133.
- Blubaugh, Bernard L. Elevator bedded implement transport. 2,828,136, 3-25-58, Cl. 280-44.
- Blue, John, Co., Inc.: See—
- Johnston, Douglas. 2,854,826.
- Johnston, Douglas. 2,857,221.
- Blue, Robert D.: See—
- Nelpert, Marshall P., Blue, and Houser. 2,848,408.
- Blue, Stanley F.: See—
- Blue, Walter J., and S. F. 2,830,449.
- Blue, Walter J., and S. F., and Belich. 2,830,421.
- Blue, Walter J., and S. F., and J. M. Belich. Multiple lawn mower harness. 2,830,421, 4-15-58, Cl. 56-7.
- Blue, Walter J., and S. F. Striker tool. 2,830,449, 4-15-58, Cl. 72-138.
- Blue Ridge Corp., The: See—
- Harris, Sterling G. 2,832,989.
- Harris, Sterling G. 2,858,223.
- Harris, Sterling G., and Briddell. 2,858,222.
- Seal, Roderick D. 2,824,004.
- Seal, Roderick D., and Harris. 2,823,414.
- Strasburger, Lawrence W. 2,824,005.
- Strasburger, Lawrence W., and Blereau. 2,824,006.
- Blue Ridge Glass Corp.: See—
- Glyn, Theodore W. 2,822,456.
- Johnson, John P. 2,835,383.
- Blue Ridge Manufacturers, Inc.: See—
- Rosenbloom, Leon. 2,850,997.
- Bluestone, Henry, to Diamond Alkali Co. Method of defoliating plants. 2,845,339, 7-29-58, Cl. 71-2.5.
- Bluestone, Henry, to Diamond Alkali Co. Method of regulating plant growth. 2,860,043, 11-11-58, Cl. 71-2.5.
- Bluestone, Henry, to Diamond Alkali Co. Method of defoliating plants. 2,860,962, 11-18-58, Cl. 71-2.5.
- Bluestone, Henry, J. Z. Shahabeddin, said J. Z. Shahabeddin, now by change of name J. S. Eden, to Diamond Alkali Co. Method of defoliating plants. 2,856,277, 10-14-58, Cl. 71-2.5.
- Blum, Harold T., to The Briar Hill Stone Co. Slanted tooth saw blade for cutting stone. 2,829,632, 4-8-58, Cl. 125-18.
- Blum, Hosmer L.: See—
- Tocci-Guilbert, Berne, and Blum. 2,819,570.
- Blum, Josef: See—
- Szent-Gyorgyi, Albert, and Blum. 2,834,511.
- Blum, Josef, to Ivan Sorvall, Inc. Microtome. 2,822,726, 2-11-58, Cl. 88-40.
- Blum, Josef, to Ivan Sorvall, Inc. Centrifuge mounting means. 2,827,229, 3-18-58, Cl. 233-23.
- Blum, Josef. Wringer mop. 2,852,794, 9-23-58, Cl. 15-119.
- Blum, Louis. Ornamental gate structures. 2,852,876, 9-23-58, Cl. 39-87.
- Blume, Melvin R., and R. J. Halicki, to Wisconsin Tool & Die Co. Safety device and system. 2,830,686, 4-15-58.
- Blume, Walter S., Jr., and C. H. C. Van Pelt, Jr., to Leyman Mfg. Corp. Clamp for portable mixers. 2,854,202, 9-30-58, Cl. 248-16.
- Blumenbaum, Louis G.: See—
- Langlois, Roland E., Boulay, and Blumenbaum. 2,837,808.
- Blumenfeld, Arthur: See—
- Cohen, Abraham B., and Levy. 2,845,135.
- Cohen, Abraham B., and Levy. 2,852,089.
- Levy, Sidney E. 2,832,828.
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- Levy, Sidney E. 2,857,012.
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- Blumenfeld, John F.: See—
- Hatch, Robert L., and Blumenfeld. 2,834,754.
- Blumenfeld, Murray II.: See—
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- Blumenkrantz, Max. Fold guides. 2,834,308, 5-13-58, Cl. 112-139.
- Blumensaadt, Svend G., to The Universal Wire Spring Co. Wire forming machine. 2,849,031, 8-26-58, Cl. 140-71.
- Blumenthal, Edwin I.: See—
- Welsh, Herbert F., Eckert, and Blumenthal. 2,860,325.
- Blumenthal, Lewis. Correspondence form. 2,847,235, 8-12-58, Cl. 282-23.
- Blumenthal, Warren B., to National Lead Co. Manufacture of high purity barium metatitanate. 2,827,360, 3-18-58, Cl. 23-51.
- Blumenthal, Warren B., to National Lead Co. Trioxodizirconium hydroxy halides. 2,837,400, 6-3-58, Cl. 23-14.
- Blumentritt, Werner, to Micafil A-G. Core holder for winding machines. 2,865,574, 12-23-58, Cl. 242-4.
- Blumer, Donald R., to Minneapolis-Honeywell Regulator Co. Humidity determination. 2,848,306, 8-19-58, Cl. 23-232.
- Blumer, Manuel, to L. Sonneborn, Sons, Inc. Alkaline earth metal petroleum mahogany sulfonates. 2,844,535, 7-22-58, Cl. 252-33.
- Blumer, Manuel, and G. M. Goldberg, to L. Sonneborn Sons, Inc. Bleached mahogany sulfonic compounds. 2,851,483, 9-9-58, Cl. 260-504.
- Blundell, Alan J., to The British Thomson-Houston Co. Ltd. Electric rectifiers employing semi-conductors. 2,866,928, 12-30-58, Cl. 317-234.
- Blunden, Donald J., to Whitehead & Kales Co. Carry car trailer track structure. 2,820,665, 1-21-58, Cl. 296-1.
- Blundin, Warren S.: See—
- Poole, Arthur J., and Blundin. 2,823,628.
- Blundin, Warren S., to The Babcock & Wilcox Co. Feeder for fibrous materials. 2,850,183, 9-2-58, Cl. 214-18.
- Bly, Merwyn C. Electrochemical gas-tester. 2,851,411, 9-9-58, Cl. 204-195.
- Blyth, Jack V.: See—
- Chamberlin, Reginald H. D., and Blyth. 2,863,634.
- Blythe, Allen W. Supplemental shock absorber. 2,833,535, 5-6-58, Cl. 267-8.
- Blythe, James E.: See—
- Shamberg, Morris F., and Blythe. 2,850,155.
- Blythe, Richard: See—
- Mitchell, Claybourne, and Blythe. 2,830,489.
- Boadway, John D.: See—
- Freeman, Horace, and Boadway. 2,849,930.
- Boag, James C., and H. R. Dittmar, to Ethyl Corp. Anti-knock compositions. 2,822,252, 2-4-58, Cl. 44-69.
- Boal, Stewart, to Margate Corp. Dry powder fire extinguisher. 2,819,763, 1-14-58, Cl. 169-31.
- Boals, Wayne S., to Hughes Tool Co. Automatic charger for guns and control therefor. 2,847,908, 8-19-58, Cl. 89-1.
- Boam, Willard M., I. Friedman, H. Paige, L. Souzis, and K. Strater to Curtiss-Wright Corp. Method of brazing titanium. 2,834,101, 5-13-58, Cl. 29-488.
- Board, Samuel S., Jr., to Farrel-Birmingham Co., Inc. Gear tooth grinder having radially directed belt. 2,823,494, 2-18-58, Cl. 51-142.
- Board, Samuel S., Jr., to Farrel-Birmingham Co., Inc. Gear teeth grinding apparatus. 2,855,621, 10-14-58, Cl. 51-142.
- Boardman Co., The: See—
- Wood, William S. 2,834,172.
- Boardman, Harold, to Hercules Powder Co. Vulcanizable rubber compositions and process. 2,819,255, 1-7-58, Cl. 260-85.1.
- Boardman, Harold, to Hercules Powder Co. Composition of rubber and a di(arylalkyl) peroxide. 2,819,256, 1-7-58, Cl. 260-92.3.
- Boardman, Harry C.: See—
- Zick, Leonard P., and Boardman. 2,820,568.
- Boardway, Johanna C. Package containing article with delicate surface. 2,844,471, 7-22-58, Cl. 99-171.

- Boatright, Leslie G., and W. F. Marzluff, to American Cyanamid Co. Partial oxidation of HCN. 2,835,556, 5-20-58, Cl. 23—190.
- Boaz, Hubert W. Rail bond. 2,830,768, 4-15-58, Cl. 238—14.05.
- Boaze, Samuel W., Jr.: *See*—
- Bobak, Watson, Donald C., Spears, and Boaze. 2,865,640.
- Bobalek, Francis J.: *See*—
- Wolf, Paul A., and Bobalek. 2,861,968.
- Bobb, Lloyd J., to Philco Corp. Transducers. 2,824,178, 2-18-58, Cl. 179—111.
- Bobb, Lloyd J., and C. A. Perry, to Philco Corp. Transducers. 2,820,527, 1-21-58, Cl. 181—32.
- Bobb, Sidney: *See*—
- Rachman, Isadore B., and Bobb. 2,862,778.
- Bobco, William D., and E. S. Wassel, to the United States of America as represented by the Secretary of the Army. Crank link extractor for gun. 2,824,401, 2-25-58, Cl. 42—68.
- Bobear, William J., to General Electric Co. Siloxane comprising 2,5-dimethyl-2,5-dihydroperoxy hexane. 2,859,202, 11-4-58, Cl. 260—46.5.
- Bobel, William S.: *See*—
- Zeolla, Mario N., and Bobel. 2,838,809.
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- Bobo, Mildred E. Educational apparatus. 2,832,162, 4-29-58, Cl. 40—86.
- Bobo, Powell O.: *See*—
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- Bobo, Powell O., and J. T. Carleton, to Westinghouse Electric Corp. Over-current limit devices. 2,862,173, 11-25-58, Cl. 322—25.
- Bobo, Roy A., to Phillips Petroleum Co. Aerated fluid drilling process. 2,828,107, 3-25-58, Cl. 255—1.8.
- Bobo, Roy A., to Phillips Petroleum Co. Drilling fluid circulation process and system. 2,833,517, 5-6-58, Cl. 255—1.8.
- Bobrick, Mitchell, to Marvin Electric Mfg. Co. Light fixture. 2,836,708, 5-27-58, Cl. 240—2.
- Bobrick, Mitchell, to Sunbeam Lighting Co. Tunnel lighting fixture. 2,839,672, 6-17-58, Cl. 240—9.
- Bobrick, Mitchell, and J. H. Feig, to Marvin Electric Mfg. Co. Recessed lighting fixture. 2,840,691, 6-24-58, Cl. 240—78.
- Bobst, J., & Son S. A.: *See*—
- De Kalbermatten, Bruno. 2,850,280.
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- Kubler, Hermann O. G., and Boehmann. 2,836,377.
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- Coupette, Werner, and Sickbert. 2,848,317.
- Boejl Corp.: *See*—
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- Bock, Carl J., to General Motors Corp. Cab-over-engine truck cab. 2,857,977, 10-28-58, Cl. 180—89.
- Bock, Charles D.: *See*—
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- Bock, Eugen: *See*—
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- Bock, George E., and J. H. Graas, to Pullman-Standard Car Mfg. Co. Winch structure. 2,820,609, 1-21-58, Cl. 254—185.
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- Bock, Wilhelm, to W. C. Heraeus, G. m. b. H. Fractionating oil diffusion pumps. 2,839,238, 6-17-58, Cl. 230—101.
- Bock, William M., Jr. Humidifier. 2,845,944, 8-5-58, Cl. 157—408.
- Bockstahler, Earl R., to Allied Laboratories, Inc. 1-P-alkoxyphenyl-1-alkyl-3-piperidino-1-propenes. 2,831,864, 4-22-58, Cl. 260—294.7.
- Boda, Ernest J. Means for playing a percussion instrument of the vibraphone, etc. type. 2,844,986, 7-29-58, Cl. 84—405.
- Bodamer, George W., to Rohm and Haas Co. Cationic permselective membranes and their use in electrolysis. 2,827,426, 3-18-58, Cl. 204—98.
- Bodde, Theodore. Rotary reaction engine. 2,865,172, 12-23-58, Cl. 60—39.34.
- Bodden, William, & Son Ltd.: *See*—
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- Boddy, Leonard, to King-Seeley Corp. Voltage regulating device. 2,833,889, 5-6-58, Cl. 200—122.
- Boddy, Leonard, to King-Seeley Corp. Thermal responsive gauging system. 2,835,885, 5-20-58, Cl. 340—210.
- Boddy, Leonard, to King-Seeley Corp. Pressure indicating device. 2,846,549, 8-5-58, Cl. 201—48.
- Boddy, Leonard, to King-Seeley Corp. Pressure indicating device. 2,846,550, 8-5-58, Cl. 201—48.
- Bode, Robert G., and C. A. Geib, to Gantner Industries, Inc. Mounting for tissue dispensers in automobiles. 2,863,627, 12-9-58, Cl. 248—278.
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- Bodge, Philip K., to General Electric Co. Magnetic field reactor and systems therefor. 2,823,545, 2-18-58, Cl. 74—5.41.
- Bodge, Philip K., to General Electric Co. Mass flow meter. 2,857,761, 10-28-58, Cl. 73—194.
- Bodian, Marcus, and H. E. Harshbarger, to Sunbeam Lighting Co. Spring-latch for a lighting fixture. 2,851,588, 9-9-58, Cl. 240—78.
- Bodian, Marcus, and W. B. Rosenfield, to Sunbeam Lighting Co. Shallow luminous fluorescent lighting fixture. 2,864,939, 12-16-58, Cl. 240—51.11.
- Bodine, Albert G., Jr. Acoustic wave controlling means for suppressing detonation in internal combustion engines. 2,827,033, 3-18-58, Cl. 123—191.
- Bodine, Albert G., Jr. Detonation suppression in internal combustion engines by attenuation of acoustic wave patterns at velocity anti-node. 2,828,731, 4-1-58, Cl. 123—191.
- Bodine, Albert G., Jr. Boundary layer control for aerodynamic ducts. 2,853,852, 9-30-58, Cl. 60—35.6.
- Bodine, Albert G., Jr. Sonic engine exhaust combustor. 2,854,816, 10-7-58, Cl. 60—30.
- Bodine, Albert G., Jr. Pulsating suction cleaner with oscillating beater. 2,858,560, 11-4-58, Cl. 15—382.
- Bodine Electric Co.: *See*—
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- Selbach, Lawrence G., Bodine, Wentz, and Hatfield. 2,847,593.
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- Bodkin, Ernest A., to Socony Mobil Oil Co., Inc. Liquid solids contacting. 2,850,439, 9-2-58, Cl. 196—147.
- Bodkin, Ernest A., and J. I. Savoca, to Socony Mobil Oil Co., Inc. Liquid solids contacting. 2,850,438, 9-2-58, Cl. 196—147.
- Bodkin, Philip A. Liquid dispensing devices. 2,829,808, 4-8-58, Cl. 222—421.
- Bodley, Robert W., to Graver Tank & Mfg. Co., Inc. Drain arrangement for floating roof. 2,857,072, 10-21-58, Cl. 220—26.
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- Bodnaruk, Matt. Adjustable shoe traction device. 2,862,310, 12-2-58, Cl. 36—7.6.
- Bodycombe, Alan E.: *See*—
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- Ruppe, Peter P., and Bodycombe. 2,858,952.
- Boe, Daniel C. Tool adapter with rotary impact. 2,820,536, 1-21-58, Cl. 192—30.5.
- Boecker, Alexander, to the United States of America as represented by the Secretary of the Army. Absolute value computer. 2,822,474, 2-4-58, Cl. 250—27.
- Boedecker, Edward R., and S. G. Hindin, to Houdry Process Corp. Conversion of hydrocarbons. 2,862,874, 12-2-58, Cl. 208—110.
- Boedecker, Friedrich, and H. Volk, to Firma Riedel-de Haen Akt. Pentaerythritol bromhydrin nitrates. 2,853,511, 9-23-58, Cl. 260—467.
- Boegehold, Alfred L., to General Motors Corp. Shell hardened torsion bar and process of making same. 2,843,374, 7-15-58, Cl. 267—57.
- Boegehold, Alfred L., D. K. Hanink, and F. J. Webbere, to General Motors Corp. Wrought high temperature alloy. 2,860,968, 11-18-58, Cl. 75—122.
- Boegel, Ernest F. Controllable mixing faucet. 2,860,661, 11-18-58, Cl. 137—637.3.
- Boehler, Arthur. Home knitting-machine. 2,841,969, 7-8-58, Cl. 66—63.
- Boehm, Karl, and W. von Dorp, to Mannesmann-Meer Akt. Rotary saw. 2,833,024, 5-6-58, Cl. 29—69.
- Boehm, Otto. Centrifugal cleaning apparatus for paint applicators. 2,826,826, 3-18-58, Cl. 34—58.
- Boehm, Paul F. Parallel guides. 2,825,139, 3-4-58, Cl. 33—80.
- Boehm Pressed Steel Co., The: *See*—
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- Boehme, Werner R., and J. Nichols, to Ethicon, Inc. Pyrrolidylmethyl and piperidylmethyl bicycloheptenes and nortricyclenes. 2,846,436, 8-5-58, Cl. 260—293.
- Boehme, Werner R., and J. Nichols, to Ethicon, Inc. Carbamates of bicyclic alcohols. 2,846,465, 8-5-58, Cl. 260—482.
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- Boehme, Werner R., and M. Tobkes, to Ethicon, Inc. Method for preparing stable succinaldehyde products. 2,857,427, 10-21-58, Cl. 260-513.
- Boehmer, Howard W.: *See*—
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- Boehmer, Ludwig G. Combined motor and axle suspension 2,836,254, 5-27-58, Cl. 180-64.
- Boehnke, John F. Eye-screw bending pliers. 2,819,633, 1-14-58, Cl. 81-15.
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Hill, Henry C. 2,860,932.
Houser, Alfred A. 2,840,913.
Hubbard, Robert M. 2,841,656.
Hubbard, Robert M. 2,849,673.
Jantz, Alvin. 2,828,585.
Lantz, Glen B. 2,836,154.
Leisy, Clifford J. 2,859,002.
Marantette, William F. 2,825,023.
Medlock, Donald E. 2,857,005.
Meeker, Jack A. 2,821,689.
Meyer, George H. 2,825,041.
Mitchell, Weldon S. 2,819,912.
Morse, William L. 2,844,977.
Novak, Philip F. 2,823,379.
Pearson, Raymond E. 2,836,380.
Person, Robert P. 2,849,200.
Plath, Robert. 2,829,849.
Price, Rudolph, and Brown. 2,847,893.
Reinhold, Richard S. 2,836,267.
Reinhold, Richard S. 2,845,151.
Reynolds, Francis D. 2,836,673.
Reynolds, Francis D. 2,859,297.
Robinson, Douglas A., and Zimmerschied. 2,858,726.
Schmidt, Louis V., and White. 2,853,256.
Shepard, William G. 2,829,253.
Shumate, William. 2,841,773.
Steidl, Robert H. 2,840,259.
Stineman, Russell W. 2,838,685.
Stineman, Russell W., and Siverts. 2,832,896.
Swanson, Wallace R. 2,859,812.
Weiland, Richard H. 2,863,321.
Whitehill, Albert J. 2,824,413.
Wyland, Richard R. 2,862,449.
Wyland, Richard R., and Hunter. 2,844,978.
- Boeke, Fred L., and J. A. Dunham, to North American Aviation, Inc. Moisture removal means. 2,849,760, 9-2-58, Cl. 20-40.5.
- Boekhorst, Antonius, to North American Philips Co., Inc. Circuit-arrangement for frequency-transformation of oscillations of very high frequency. 2,835,797, 5-20-58, Cl. 250-20.
- Boekhorst, Antonius, to North American Philips Co., Inc. Self-oscillating circuit arrangement producing a sawtooth current in a deflection coil. 2,854,602, 9-30-58, Cl. 315-27.
- Boelhouwer, Cornelis, F. A. De Roos, and H. I. Waterman, to Shell Development Co. Polyphase copolymerization of styrene compounds with drying oil fatty acid compounds. 2,852,478, 9-16-58, Cl. 260-23.
- Boelter, Edwin D., Jr., to E. I. du Pont de Nemours and Co. Bright copper plating process. 2,854,389, 9-30-58, Cl. 204-52.
- Boer, Arpad, to Bancroft Brillotex International S. A. Fiber opening machine. 2,838,804, 6-71-58, Cl. 19-65.
- Boer, Arpad, to Bancroft-Brillotex International S. A. Apparatus and process for cleaning wood fibers in the dry state. 2,858,573, 11-4-58, Cl. 19-67.
- Boer, Arpad, to Bancroft-Brillotex International S. A. Machine and process for conditioning a web of wool and other fibers. 2,858,574, 11-4-58, Cl. 19-130.
- Boer, George: *See*—
True, Martin E., Boer, and O'Reilly. 2,834,580.
- Boer, George, to Esso Research and Engineering Co. Tubing packer. 2,834,415, 5-13-58, Cl. 166-139.
- Boerdijk, Arle H., P. E. F. Kassner, and A. Davidson, to North American Philips Co., Inc. Planetary gear. 2,828,649, 4-1-58, Cl. 74-675.
- Boerick, John J., Jr.: *See*—
Frank, Wallace E., and Boerick. 2,866,141.
- Boers, Ijsbrand, to North American Philips Co., Inc. Device for carrier wave telegraphy. 2,823,259, 2-11-58, Cl. 178-51.
- Boersma, Richard F., to Goodman Mfg. Co. Shuttle conveyor and tripper station therefor. 2,851,150, 9-9-58, Cl. 198-186.
- Boersma, Theo T., to North American Philips Co., Inc. Method of manufacturing metallic patterns. 2,819,164, 1-7-58, Cl. 96-35.
- Boesch, Roger: *See*—
Metivier, Jean, and Boesch. 2,865,930.
- Boese, William G., and F. P. Adler, to Pullman-Standard Car Mfg. Co. Welded bolster construction. 2,842,070, 7-8-58, Cl. 105-414.
- Boesen, Raymond J.: *See*—
Padgett, Walter C., and Boesen. 2,856,450.
- Boesewetter, Chester C., to Goodman Mfg. Co. Boring type mining machine having four boring heads. 2,834,588, 5-13-58, Cl. 262-7.
- Boessenkool, Helmich W., G. Durst, and S. Siegel, to Metals & Controls Corp. Solid-phase bonding of metals. 2,860,409, 11-18-58, Cl. 29-497.
- Boessler, John J.: *See*—
Abplanalp, Robert H. Re. 24,555.
- Boettcher, Stephen A., to Crane Packing Co. Lapping machine. 2,839,877, 6-24-58, Cl. 51-131.
- Boettcher, William A. Presses for drilling flooring strips. 2,835,290, 5-20-58, Cl. 144-107.
- Boettger, Paul. Handling medical specimens. 2,835,246, 5-20-58, Cl. 128-2.
- Boettner, Fred E., to Rohm & Haas Co. Amides of polychlorophenoxyacetic acid. 2,832,767, 4-29-58, Cl. 260-211.
- Boettner, Fred E., to Rohm & Haas Co. Carbamate compounds. 2,834,775, 5-13-58, Cl. 260-211.
- Boettner, Fred E., to Rohm & Haas Co. Purification of ethylenic compounds. 2,850,506, 9-2-58, Cl. 260-326.5.
- Boeye, Paul F. Outboard motor package. 2,843,258, 7-15-58, Cl. 206-52.
- Boeye, Paul F., and H. F. Collins, Jr., to Northwestern Corrugated Box Co. Outboard motor package. 2,833,397, 5-6-58, Cl. 206-45.14.
- Boffa, Augusto. Machine for emptying, washing, rinsing and disinfecting bed-pans. 2,826,208, 3-11-58, Cl. 134-141.
- Bofinger, Karl, to American Can Co. Apparatus for stacking and packing articles. 2,826,023, 3-11-58, Cl. 53-164.
- Bofinger, Karl, to American Can Co. Apparatus for supporting treating devices inside moving can bodies. 2,846,972, 8-12-58, Cl. 118-317.
- Bofinger, Karl, to American Can Co. Electromagnetically operated overload release clutch. 2,856,046, 10-14-58, Cl. 192-56.
- Bofinger, Karl, and A. C. Schimweg, to American Can Co. Can testing machine with magnetic can separating mechanism. 2,821,300, 1-28-58, Cl. 209-74.
- Bofinger, Karl, and R. E. J. Nordquist, to American Can Co. Apparatus for treating articles. 2,843,248, 7-15-58, Cl. 198-19.
- Bogan, Charles J., to Sperry Rand Corp. Artificial horizons for aircraft. 2,829,619, 4-8-58, Cl. 116-124.
- Bogar, Earl M., Jr. Slide assembly for slidably connecting relatively movable parts. 2,844,430, 7-22-58, Cl. 311-71.
- Bogar, Earl M., Jr. Mirror support. 2,852,222, 9-16-58, Cl. 248-295.
- Bogardus, King J., Jr.: *See*—
Bogardus, King J., Sr. 2,846,660.
- Bogardus, King J., Sr., deceased, by M. A. Bogardus, executrix, to K. J. Bogardus, Jr. Connector for battery post and cable. 2,846,660, 8-5-58, Cl. 339-225.
- Bogardus, Martha A.: *See*—
Bogardus, King J., Sr. 2,846,660.
- Bogart, George A. Walking animal toy. 2,850,839, 9-9-58, Cl. 46-150.
- Bogaty, Herman: *See*—
Brown, Alfred E., and Bogaty. 2,847,351.
- Bogaty, Mary S.: *See*—
Bogaty, Stanislaus. 2,827,058.
- Bogaty, Stanislaus, to Proctor and Schwartz, Inc. Conveying and treating system for loose materials. 2,820,307, 1-21-58, Cl. 34-223.
- Bogaty, Stanislaus, to Proctor & Schwartz, Inc. Apparatus for drying materials in paste form. 2,821,030, 1-28-58, Cl. 34-225.
- Bogaty, Stanislaus, deceased; M. S. Bogaty, administratrix, to Proctor & Schwartz, Inc. Method and apparatus for continuously processing tobacco. 2,827,058, 3-18-58, Cl. 131-108.
- Bogdanowski, John W., and C. Kiuttu, to Consolidated Edison Co. of New York, Inc. Oxygen deficiency alarm. 2,835,886, 5-20-58, Cl. 340-228.
- Bogdon, Andrew A.: *See*—
Roth, Walter L., and Bogdon. 2,840,629.
- Bogen, David & Co., Inc.: *See*—
Wilkins, Charles A., and Sullivan. 2,843,671.
Zuckerman, Alfred M. 2,844,713.
- Boger, Vernon G.: *See*—
Sarbach, Donald V., and Boger. 2,821,514.

- Roger, Vernon G., and A. G. Thomas, to The B. F. Goodrich Co. Composition, and article composed of a polymer of ethylene and a chlorosulfonated polymer of ethylene and the method of producing them. 2,854,425, 9-30-58, Cl. 260-33.6.
- Bogert, Bruce P., to Bell Telephone Laboratories, Inc. Stereophonic reproduction of sound. 2,819,348, 1-7-58, Cl. 179-100.1.
- Bogert, Thure B., to Aktiebolaget Addo. Accounting machine apparatus for retarding the start of a function cycle until the carriage has stopped moving. 2,854,190, 9-30-58, Cl. 235-60.49.
- Bogert, Thure B., to Aktiebolaget Addo. Listing business machines and the like. 2,858,003, 10-28-58, Cl. 197-128.
- Bogey, Jean L. R. Sinkers heads of rectilinear knitting machines. 2,823,532, 2-18-58, Cl. 66-110.
- Boggs, Chester A. Miniature tape recording mechanism. 2,831,068, 4-15-58, Cl. 179-100.2.
- Boggs, Herbert D.: See—
Murdock, Forrest L., Sr., Boggs, and Beeson. 2,860,082.
- Boggs, William H., to The Porter-Cable Machine Co. Rotary cutter with detachable blade. 2,828,787, 4-1-58, Cl. 144-218.
- Bogle, Aubrey B. Elevating conveyor. 2,818,967, 1-7-58, Cl. 198-219.
- Bogue Electric Mfg. Co.: See—
Clynes, Marcel, and Herbst. 2,865,318.
- Bogus, Anthony D., and D. W. Christensen, to Young Radiator Co. Heat exchanger. 2,843,367, 7-15-58, Cl. 257-239.
- Boguss, Sidney A., and J. Schultz. Dispensing carton. 2,819,000, 1-7-58, Cl. 222-45.4.
- Bohanon, Hoy R. Cooling pad hanger systems. 2,850,269, 9-2-58, Cl. 261-97.
- Bohland, Jerome B. Glass nipping pliers with floating jaw. 2,823,565, 2-18-58, Cl. 81-5.1.
- Bohbro, Hans, to Esso Research and Engineering Co. Polymerization of olefins. 2,856,445, 10-14-58, Cl. 260-683.15.
- Bohley, Louis H. Fish lure. 2,825,172, 3-4-58, Cl. 43-42.16.
- Bohlman, Herman F. Egg feeding and candling machines. 2,849,913, 9-2-58, Cl. 88-14.5.
- Bohlman, Walter S. Animal toy. 2,833,244, 5-6-58, Cl. 119-29.
- Böhm, Hellmuth, and P. Kuhnert, to Licentia Patent-Verwaltungs-G. m. b. H. Converting device. 2,822,513, 2-4-58, Cl. 321-48.
- Böhm, Hellmuth, and G. Bettin, to Licentia Patent-Verwaltungs-G. m. b. H. D.C.-A.C. inverters. 2,855,474, 10-7-58, Cl. 200-32.
- Bohman, Wenzel L.: See—
Ceresa, Myron, and Bohman. 2,858,257.
Ceresa, Myron, and Bohman. 2,861,928.
- Bohme Fettchemie G. m. b. H.: See—
Gündel, Wolfgang, and Haas. 2,844,584.
Haas, Hermann. 2,833,781.
Haas, Hermann, and Gündel. 2,822,366.
Haas Hermann, Markert, and Lietz. 2,842,462.
Heyden, Rudi, Dieckelmann, and Plapper. 2,822,235.
- Böhme, Otto: See—
Klarmann, Ludwig, and Böhme. 2,831,213.
- Bohn Aluminum & Brass Corp.: See—
Winship, James W., and Schumacher. 2,818,618.
Winship, James W., and Schumacher. 2,824,347.
- Bohn, Chester J.: See—
Koller, Edward J., and Bohn. 2,851,236.
- Bohn, Donald L., to I-T-E Circuit Breaker Co. Motor operated circuit breaker and disconnect switch. 2,821,586, 1-28-58, Cl. 200-50.
- Bohn, Frank W. Shear pin brake for auto bumpers. 2,845,144, 7-29-58, Cl. 188-1.
- Bohn, James N., and A. G. Sandhoff, to Hercules Powder Co. Combustion inhibitor for gas-producing charges. 2,858,289, 10-28-58, Cl. 260-30.6.
- Bohne, Walter: See—
Bauder, Josef, Bohne, and Stabenau. 2,825,440.
- Bohnenberger, George: See—
Margulis, Joseph M., Ford, and Bohnenberger. 2,858,960.
- Bohnenblust, Guido: See—
Baumgartner, Hans, and Bohnenblust. 2,846,496.
- Bohner, William R.: See—
Simpson, Jack N., and Bohner. 2,834,017.
- Bohnet, William J., and G. D. Bagley, to Union Carbide Corp. Drip-melting of refractory metals. 2,866,700, 12-30-58, Cl. 75-10.
- Bohnhoff, Arthur F., and C. W. Spaulding, to General Motors Corp. Windshield wiper motor. 2,828,722, 4-1-58, Cl. 121-130.
- Bohnsack, Harold R. Automatic cigarette ash tray. 2,838,354, 6-10-58, Cl. 312-246.
- Bohnsack, John A.: See—
Hopeman, Albert A., Jr., and Bohnsack. Re. 2,4457.
- Bohrer, George J., to General Electric Co. Plasticized vinyl halide resins and electrical conductors insulated therewith. 2,838,428, 6-10-58, Cl. 117-232.
- Boice-Crane Co.: See—
Boice, William B. 2,855,962.
- Boice, Elvin G., to Reed Roller Bit Co. Drill bit. 2,851,253, 9-9-58, Cl. 255-347.
- Boice, Elvin G., to Reed Roller Bit Co. Lubricated conically tapered drill stem joint. 2,855,224, 10-7-58, Cl. 285-94.
- Boice, Fred R. Clamping tool for clamping together cylindrical containers. 2,840,879, 7-1-58, Cl. 24-259.
- Boice, William B., to Boice-Crane Co. Feed mechanism for contour sawing machine. 2,855,962, 10-14-58, Cl. 143-26.
- Boicey, James L., and R. P. Roetter, to Libbey-Owens-Ford Glass Co. Method of deleting electrically conductive films from a surface. 2,850,409, 9-2-58, Cl. 117-211.
- Boigenzohn, Charles F. Steering drive universal. 2,859,597, 11-11-58, Cl. 64-7.
- Boillat, Philippe, and R. Rohrer, to Miniatur Kugellager A. G. Yarn twister. 2,821,062, 1-28-58, Cl. 57-77.33.
- Boillat, Philippe, and R. Rohrer, to Heberlein Patent Corp. Yarn twister. 2,863,277, 12-9-58, Cl. 57-77.3.
- Boiney, Joseph F., to Westinghouse Electric Corp. Dicyandiamide phenolaldehyde resin varnish and process of preparation. 2,824,849, 2-25-58, Cl. 260-33.4.
- Boisselier, Earl D., and O. Felix, to Sears, Roebuck and Co. Tone arm constructions for phonographs. 2,819,088, 1-7-58, Cl. 274-23.
- Boissonnas, Roger S. Guttman, P.-A. Jaquenoud, and J.-P. Waller, to Saul & Co., Nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Alyl-oxytocin and process for the preparation thereof. 2,854,443, 9-30-58, Cl. 260-112.
- Boisture, Worth W., to Esso Research and Engineering Co. Steam cracking process. 2,847,366, 8-12-58, Cl. 196-63.
- Boisvieux, Jacques M., to Compagnie Francaise Thomson-Houston. Pulse code modulation system. 2,841,649, 7-1-58, Cl. 179-1.5.
- Boitano, Thomas C.: See—
Della, James and Boitano. 2,862,712.
- Boivin, Horace. Method of producing air pervious material by treating with gas evolving blowing agent and coating with a washable salt layer. 2,837,440, 6-3-58, Cl. 117-7.
- Bojanowski, Clement J.: See—
Martin, Morgan, and Bojanowski. 2,861,911.
- Bok, Edward and H. F. Evaporating devices. 2,840,681, 6-24-58, Cl. 219-38.
- Bok, Hendrik F.: See—
Bok, Edward and H. F. 2,840,681.
- Bokair, Harry. Warning signal device for automotive vehicles. 2,856,598, 10-14-58, Cl. 340-366.
- Boker, H., & Co., Inc.: See—
Schweiso, Archie M. 2,821,018.
- Bokum, William F., to Proctor and Schwartz, Inc. Automatic weigher. 2,825,523, 3-4-58, Cl. 249-4.
- Bol, Arie, C. A. M. Klaassn, and P. J. W. Jochems, to North American Philips Co., Inc. Electrical resistor. 2,863,840, 12-9-58, Cl. 252-519.
- Boland, Edward R. Lather-applying safety razors. 2,861,338, 11-25-58, Cl. 30-41.
- Bolander, Grover T. Dry concentrator. 2,864,501, 12-16-58, Cl. 209-470.
- Bolander, Warren W., to General Electric Co. Feedback type control system. 2,859,397, 11-4-58, Cl. 318-448.
- Bolding, Hubert V., to Standard Packaging Corp. Cover with display supporting structure. 2,852,178, 9-16-58, Cl. 229-34.
- Bolding, Hubert V., to Standard Packaging Corp. Spool. 2,852,206, 9-16-58, Cl. 242-118.8.
- Bolding, Hubert V., to Standard Packaging Corp. Recessed automatic bottom carton. 2,866,588, 12-30-58, Cl. 229-39.
- Bolding, Jan, and R. J. Taylor, to Lever Brothers Co. Process of flavoring and product. 2,819,169, 1-7-58, Cl. 99-123.
- Bolds, Elden E., and W. J. Voss, to Edwin L. Wiegand Co. Electric heater assembly. 2,851,577, 9-9-58, Cl. 219-38.
- Boldt, Frank J., and F. M. Beauregard, to American Radiator & Standard Sanitary Corp. Door and hinge structure. 2,835,359, 5-20-58, Cl. 189-46.
- Boldt, Kenneth: See—
Pfeifer, Paul E., and Boldt. 2,839,469.
- Boldt, Robert W., to Borg-Warner Corp. Electrical trolley and conductor apparatus. 2,839,621, 6-17-58, Cl. 191-33.
- Bole, George B.: See—
Shea, Lindsey W., Streb, and Bole. 2,827,206.
Streb, Joseph C., and Bole. 2,844,344.
- Bole, Robert K. Electric and hydraulic power and control system. 2,833,431, 5-6-58, Cl. 214-89.
- Bole, Robert K., and M. H. Baller, to United States of America, Navy. Intervalometer. 2,853,563, 9-23-58, Cl. 200-8.
- Bolek, Walter, to Electro-Snap Switch & Mfg. Co. Toggle switches. 2,824,197, 2-18-58, Cl. 200-172.
- Bolen, Chester H., to Sterling Drug Inc. Process for preparing N-(2-hydroxyethyl)-N-(lower-alkyl)-9-aminomethyl-anthracenes and intermediates therein. 2,865,925, 12-23-58, Cl. 260-307.
- Boleslav, Ales, to Tesla, narodni podnik. Device for the reproduction of sound. 2,840,178, 6-24-58, Cl. 181-31.
- Boley, Forrest L., to Research Corp. Radio frequency variable voltage multiplier. 2,820,940, 1-21-58, Cl. 321-15.
- Boley, William J. System of executing lettering. 2,850,811, 9-9-58, Cl. 35-37.
- Bolgiano, Nicholas C.: See—
Viola, Alfred, Fleischacker, Woods, and Bolgiano. 2,836,629.
Viola, Alfred, Fleischacker, Woods, and Bolgiano. 2,836,630.
Viola, Alfred, Woods, and Bolgiano. 2,836,631.

- Bolick, Ernest L.: See—
McCracken, John H., Jr., and Bolick. 2,825,543.
- Bolie, Victor W., to Collins Radio Co. Digital frequency synthesizer system. 2,829,255, 4-1-58, Cl. 250—36.
- Bolie, Victor W., to Collins Radio Co. Means for digitally varying rotational velocities. 2,861,475, 11-25-58, Cl. 74—681.
- Bolin, Edward L., to General Motors Corp. Nickel plating by chemical reduction. 2,836,510, 5-27-58, Cl. 117—65.
- Boling, Cecil: See—
Ghai, Madan L., and Boling. 2,840,352.
- Bolkcom, Wilbur T., and W. E. Knapp, to American Metallurgical Products Co. Alloy steels. 2,823,992, 2-18-58, Cl. 75—123.
- Bolkcom, Wilbur T., and W. E. Knapp, to American Metallurgical Products Co. Process and alloy for adding rare earth elements and boron to molten metal baths. 2,850,381, 9-2-58, Cl. 75—129.
- Boller, Arthur, A. Furst, and S. Majnoni, to Hoffmann-La Roche, Inc. Synthesis of 4-amino-3-isoxazolidone. 2,862,002, 11-25-58, Cl. 260—307.
- Boller, Ernest R.: See—
Eubank, Lowell D., and Boller. 2,848,796.
- Boller, Ernest R., L. D. Eubank, and J. W. Robinson, to United States of America, Atomic Energy Commission. Nitric acid pickling process. 2,848,351, 8-19-58, Cl. 117—51.
- Boller, Harry B., to Schlumberger Well Surveying Corp. Pack-off shoe. 2,821,256, 1-28-58, Cl. 166—100.
- Bolles, Julius H., and L. A. Rice, to General Motors Corp. Tensioning device. 2,840,768, 6-24-58, Cl. 317—198.
- Bolles, Julius H., L. A. Rice, and P. L. Schneider, to General Motors Corp. Battery charging circuit. 2,858,497, 10-28-58, Cl. 320—57.
- Bolleter, Albert: See—
Schmid, Max, Moser, Bolleter, and Schucan. 2,819,258.
- Bolling, Stewart. Dust ring for mixers. 2,838,332, 6-10-58, Cl. 288—2.
- Bolling, Stewart, to Stewart Bolling & Co., Inc. Interchangeable rotors for a mastic mixer. 2,820,618, 1-21-58, Cl. 259—104.
- Bolling, Stewart, to Stewart Bolling & Co., Inc. Cylinder packing means. 2,820,654, 1-21-58, Cl. 286—26.
- Bolling, Stewart, & Co., Inc.: See—
Bolling, Stewart. 2,820,654.
- Bolling, Thomas J., Jr.: See—
Crookston, Robert R., and Bolling. 2,850,256.
Crookston, Robert R., and Bolling. 2,850,929.
- Bolling, Thomas J., Jr., to Esso Research and Engineering Co. Pin retainer. 2,847,238, 8-12-58, Cl. 287—110.
- Bollinger, Edward N., and W. J. Hauck, Sr. Ventilating apparatus for closets or toilets. 2,849,727, 9-2-58, Cl. 4—217.
- Bollinger, Karl, to Colasit A. G. Method for purifying air contaminated by acid or nitrous impurities. 2,856,259, 10-14-58, Cl. 23—4.
- Bollinger, Waldon P., to the United States of America as represented by the Secretary of the Navy. Wave guide switch. 2,831,167, 4-15-58, Cl. 333—7.
- Bollmeier, Emil W., to Minnesota Mining & Mfg. Co. Cable splice protector. 2,862,042, 11-25-58, Cl. 174—93.
- Bolmes, Henry G., and B. R. Weber, to The Fulton Co. Trailer coupling. 2,824,754, 2-25-58, Cl. 280—512.
- Bolmes, Henry G., and B. R. Weber, to The Fulton Co. Boat-trailer tie-down mechanism. 2,825,522, 3-4-58, Cl. 248—361.
- Bolmes, Henry G., and B. R. Weber, to The Fulton Co. Self locking trailer coupling. 2,855,222, 10-7-58, Cl. 280—512.
- Bol Raap, Bastiaan E., to Staatsbedrijf der Posterijen, Telegrafie en Telefonie. Glass tube joint. 2,857,714, 10-28-58, Cl. 49—92.
- Bolser, Clark M., to Bolser Corp. Truck mirror and supporting means therefor. 2,860,546, 11-18-58, Cl. 88—98.
- Bolser Corp.: See—
Bolser, Clark M. 2,860,546.
- Bolstad, Archibald N., to Minnesota Mining and Mfg. Co. 3,3,3-trifluoropropene polymers and preparation thereof. 2,842,529, 7-8-58, Cl. 260—87.5.
- Bolstad, Luther L.: See—
Aase, Arnold S., and Bolstad. 2,831,820.
- Bolstad, Luther L., to Minneapolis-Honeywell Regulator Co. Epoxy molding composition and method of molding with same. 2,866,768, 12-30-58, Cl. 260—37.
- Bolton, Benjamin A., to Standard Oil Co. Oil-modified alkyl resin. 2,856,374, 10-14-58, Cl. 260—22.
- Bolton, Benjamin A., and R. E. Van Strien, to Standard Oil Co. Resin derived from polyhydric alcohol, fatty oil, benzene trisbasic acid and diaminodurane. 2,860,113, 11-11-58, Cl. 260—22.
- Bolton, Benjamin A., and R. E. Van Strien, to Standard Oil Co. Oil-modified amine type alkyl resin providing thixotropic properties to hydrocarbon solutions thereof. 2,860,114, 11-11-58, Cl. 260—22.
- Bolton, Denis, to The British Thomson-Houston Co., Ltd. Electric control systems particularly suitable for Ward-Leonard drives. 2,841,752, 7-1-58, Cl. 318—145.
- Bolton, Frank H., to The Dow Chemical Co. Process for making chloromesitylene. 2,849,501, 8-26-58, Cl. 260—650.
- Bolton, James A.: See—
Boretz, Jonathan E., Bolton, and Williams. 2,826,076.
- Bolton, John H., to The Foxboro Co. Electro-pneumatic differential pressure switch system. 2,848,576, 8-19-58, Cl. 200—81.5.
- Bolton, Wallis D., to International Business Machines Corp. Electroferrographic printing process and apparatus therefor. 2,857,290, 10-21-58, Cl. 117—17.5.
- Boltz, Donald A. Grinding machines. 2,850,848, 9-9-58, Cl. 51—74.
- Bomac Laboratories Inc.: See—
Briggs, Richard S. 2,834,916.
Briggs, Richard S. 2,838,712.
Briggs, Richard S. 2,850,672.
Chun, Herbert H. 2,855,335.
Duffy, John M. 2,834,949.
Foss, David W. 2,827,612.
Ghen, William R. 2,866,130.
Larkin, Oscar L. 2,862,138.
Naugler, Albert W. 2,821,658.
Prescott, Thomas G. 2,844,751.
- Bom-Bee Drums, Inc.: See—
Willits, Hobart I. 2,834,244.
- Bomberger, Howard B., to Rem-Cru Titanium, Inc. Formable acid resistant titanium alloys. 2,819,960, 1-14-58, Cl. 75—175.5.
- Bomberger, Howard B., to Crucible Steel Co. of America. Corrosion inhibition of titanium-base materials by fuming nitric acid. 2,860,953, 11-18-58, Cl. 23—157.
- Bombrini Parodi-Delfino: See—
Corsi, Giannino. 2,838,999.
- Bomersheim, Frank J. Combined storm shutter and awning. 2,853,128, 9-23-58, Cl. 160—62.
- Bon, Charles K.: See—
Bergeron, Grafton L., and Bon. 2,860,952.
- Bonafide Mills, Inc.: See—
Cohen, Samuel A., and Mower. 2,860,071.
Rowe, William. 2,846,064.
- Bonanno, Joseph L., to The Lionel Corp. Toy railroads. 2,838,009, 6-10-58, Cl. 105—77.
- Bonanno, Joseph L., to The Lionel Corp. Signal devices. 2,855,583, 10-7-58, Cl. 340—84.
- Bonanno, Joseph L., to The Lionel Corp. Photographic flash apparatus. 2,861,444, 11-25-58, Cl. 67—31.
- Bonapace, Antonio, to Firma Siemens & Halske A. G. Device for measuring pressure differential with electrical rebalance means. 2,822,689, 2-11-58, Cl. 73—405.
- Bond, Donald C., and O. C. Holbrook, to The Pure Oil Co. Process for selectively and temporarily sealing a geological formation having zones of varying permeability. 2,864,448, 12-16-58, Cl. 166—22.
- Bond, Donald C., and O. C. Holbrook, to The Pure Oil Co. Gas drive oil recovery process. 2,866,507, 12-30-58, Cl. 166—9.
- Bond, George C., and L. A. Klar, to The Dow Chemical Co. Separation of ketals. 2,827,495, 3-18-58, Cl. 260—616.
- Bond, George R., Jr., to Houdry Process Corp. Valve for gas flow. 2,834,366, 5-13-58, Cl. 137—251.
- Bond Nail, Inc.: See—
Freeman, John F., Smelker, and Rockwood. 2,866,190.
- Bond, Ralph W. Road planners and the like. 2,818,664, 1-7-58, Cl. 37—150.
- Bond, Raymond A., and B. Darsie, to the United States of America as represented by the Secretary of the Army. Feeder mechanism for a firearm. 2,824,497, 2-25-58, Cl. 89—33.
- Bond, Robert W., and T. K. Shuler, to North American Aviation, Inc. Limiting device for aircraft wing load. 2,866,933, 12-30-58, Cl. 318—489.
- Bond, Walter L., to Bell Telephone Laboratories, Inc. Automatic recording diffractometer and plotter. 2,819,405, 1-7-58, Cl. 250—53.
- Bond, Walter L., and E. M. Kelly, to Bell Telephone Laboratories, Inc. Vapor deposited metal films. 2,842,463, 7-8-58, Cl. 117—211.
- Bond, William. Dishwashing machine. 2,850,025, 9-2-58, Cl. 134—177.
- Bonde, Alfons A., and J. S. Di Pasquale. Spring forming apparatus. 2,843,159, 7-15-58, Cl. 140—71.
- Bonde, Alfons A., and J. S. Di Pasquale. Angularly adjustable device for trimming leading edge of coil spring. 2,861,622, 11-25-58, Cl. 153—65.
- Bondeson, Lennart P. B., and E. Fridh, to Vibro-Plus Corp. Pneumatic vibrators. 2,834,584, 5-13-58, Cl. 259—1.
- Bondhus, Tom H. Spring drive and clutch. 2,842,227, 7-8-58, Cl. 185—37.
- Bondley, Ralph J., and R. A. Dehn, to General Electric Co. Shielded waveguide window. 2,843,795, 7-15-58, Cl. 315—5.39.
- Bondurant, Carlton W., to Standard-Thomson Corp. Thermal responsive device. 2,841,014, 7-1-58, Cl. 74—2.
- Bondurant, Carlton W., to Standard-Thomson Corp. Method of forming gears. 2,850,794, 9-9-58, Cl. 29—159.2.
- Bone, Herbert L., deceased, to Westinghouse Air Brake Co. Three-position illuminated indicators. 2,831,283, 4-22-58, Cl. 40—132.
- Bone, Herbert L., and J. W. Logan, Jr., to Westinghouse Air Brake Co. Emergency key release latch for electric locks. 2,858,419, 10-28-58, Cl. 246—159.

- Bone, Walter H., and W. W. Schmidt, to United States of America, Atomic Energy Commission. Crucible lining method. 2,858,596, 11-4-58, Cl. 25-155.5.
- Bonebrake, Gay M., to Wm. Wrigley, Jr., Co. Automatic control mechanism. 2,822,907, 2-11-58, Cl. 192-125.
- Bonebrake, Gay M., to Wm. Wrigley, Jr., Co. Packing machine. 2,834,165, 5-13-58, Cl. 53-57.
- Bonebrake, Gay M., to Wm. Wrigley Jr., Co. Severing and stacking mechanism. 2,843,061, 7-15-58, Cl. 107-7.
- Bonell, Ralph K. Function potentiometer. 2,862,086, 11-25-58, Cl. 201-48.
- Bonet, Antonio. Method for house-construction. 2,852,931, 9-23-58, Cl. 72-1.
- Bonetti, Ralph A., to Minneapolis-Honeywell Regulator Co. Shaft locking means. 2,857,186, 10-21-58, Cl. 287-20.
- Bonewitz Chemicals, Inc.: See—
- Bonewitz, Paul W., Fults, and Hockett. 2,826,552.
- Bonewitz, Paul W., H. E. Fults, and S. W. Hockett, to Bonewitz Chemicals, Inc. Water treating and cleaning composition. 2,826,552, 3-11-58, Cl. 252-156.
- Bongers, Wilhelmus J., to North American Philips Co., Inc. Grid structure. 2,851,628, 9-9-58, Cl. 313-348.
- Bongiovanni, Antonio. Combination brush and powder dispenser. 2,825,080, 3-4-58, Cl. 15-131.1.
- Bonham, Douglas L.: See—
- Wasson, Jones I., Bonham, and Howell. 2,830,956.
- Boni, Alessandro. Analytic calculating machine. 2,824,694, 2-25-58, Cl. 235-61.6.
- Boni, Frank, Jr., K. A. Gardner, and P. S. Otten, to The Griscom-Russell Co. Tube sheet and leakage detection construction for heat exchanger. 2,853,277, 9-23-58, Cl. 257-231.
- Bonini, John H., and H. N. Hovland, to American Can Co. Carton. 2,852,133, 9-16-58, Cl. 206-46.
- Bonkowski, Teofil L. Demountable brake lining. Re. 24,476, 5-20-58, Cl. 188-234.
- Bonkowski, Teofil L. Spring-biased latch means for a sliding jaw wrench. 2,850,932, 9-9-58, Cl. 81-145.
- Bonmartini, Giovanni, to "Est" Etablissement Sciences Techniques. Rotary joint. 2,844,399, 7-22-58, Cl. 287-85.
- Bonn, Theodore H.: See—
- Eckert, John P., Jr., and Bonn. 2,830,198.
- Spencer, Richard W., and Bonn. 2,830,197.
- Bonnafoff, Maurice, to Societe d'Appareillage et d'Exploitation des Etablissements Ponsot, in short Socapex-Ponsot. Microphone. 2,862,070, 11-25-58, Cl. 179-121.
- Bonnafoff, Maurice, to Societe Socapex. Microphone support. 2,862,071, 11-25-58, Cl. 179-156.
- Bonnafoff, Paul. Pellet mill. 2,848,738, 8-26-58, Cl. 8-12.
- Bonnano, Joseph L. and J. L. Goldthwaite, to General Motors Corp. Inductor generator. 2,853,638, 9-23-58, Cl. 310-154.
- Bonnar-Vawter, Inc.: See—
- Richards, Augustus J., 2,863,663.
- Richards, Augustus J., and Wanda. 2,832,411.
- Bonnefoy, Emile: See—
- Van de Walle, Edmond and C., and Bonnefoy. 2,844,918.
- Bonnell, Charles R., to Minneapolis-Honeywell Regulator Co. Dynamo electric device. 2,842,749, 7-8-58, Cl. 336-135.
- Bonnell, Charles R., to Minneapolis-Honeywell Regulator Co. Flexible conductive means. 2,859,625, 11-11-58, Cl. 74-5.7.
- Bonnell, Charles R., and J. S. Fink, to Minneapolis-Honeywell Regulator Co. Acceleration responsive switch. 2,863,961, 12-9-58, Cl. 200-61.45.
- Bonner, Frank E., to The Commonwealth Engineering Co. of Ohio. Speed signal device. 2,862,076, 11-25-58, Cl. 200-82.
- Bonner, Frank E., H. Brier, and L. J. Novak, to The Commonwealth Engineering Co. of Ohio. Sequential punching apparatus. 2,818,881, 1-7-58, Cl. 137-624.
- Bonner, Howard T. Remotely controlled escapement mechanism for model airplanes. 2,858,386, 10-28-58, Cl. 200-33.
- Bonner, John S., to Esso Research and Engineering Co. Solvent extraction process. 2,847,355, 8-12-58, Cl. 196-14.47.
- Bonner, Robert H.: See—
- Christianson, George, and Bonner. 2,860,991.
- Bonness, Paul H., to Square D Co. Method of forming indentation in insulating sheets. 2,821,751, 2-4-58, Cl. 18-47.5.
- Bonnet, William E.: See—
- Mills, Ivor W., and Bonnet. 2,846,356.
- Bonnette, Rene W., and R. B. Tassie, to General Electric Co. Movable jaw gun enclosure. 2,843,022, 7-15-58, Cl. 89-37.5.
- Bonnie Dog Food Co.: See—
- Lynn, Allan D. 2,863,778.
- Bonnier, Etienne: See—
- Andrieux, Jean L., and Bonnier. 2,829,092.
- Bonomi, Felice, 1/2 to E. Buchler. Processes for the disinfection of vegetable products by means of toxic gases. 2,821,483, 1-28-58, Cl. 99-225.
- Bonotto, Michele, 1/2 to McCormick & Co., Inc., and 1/2 to R. M. Webster, Jr., Gola, Jr., and said Bonotto. Coffee bean products and methods for producing such products. 2,863,774, 12-9-58, Cl. 99-71.
- Bonquet, John W., to Diamond Machine Tool Co. Punch press counter-balancing mechanism. 2,857,157, 10-21-58, Cl. 267-1.
- Bonsey, Cecil H.: See—
- Watson, Thomas F., Tank, and Bonsey. 2,819,917.
- Bonsper, George B., to American Cyanamid Co. Cartridge coupling device. 2,865,290, 12-23-58, Cl. 102-22.
- Bonsteel, Lloyd O. Venetian blind tilting mechanism. 2,849,062, 8-26-58, Cl. 160-176.
- Bontempi, Joseph. Bearing for small motors. 2,824,773, 2-25-58, Cl. 308-26.
- Bonvissuto, Angelo. Ignition circuit switch. 2,862,110, 11-25-58, Cl. 307-10.
- Bonz, Jakob, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Copperable disazo dyestuffs. 2,835,663, 5-20-58, Cl. 260-153.
- Bonzagni, Francis A., to Monsanto Chemical Co. Process for the preparation of sulfite modified melamine-formaldehyde resin and product obtained. 2,863,842, 12-9-58, Cl. 260-29.4.
- Bonzi, Robert S.: See—
- Carlson, Carl R., and Bonzi. 2,818,873.
- Boocock, Robert: See—
- Mathews, Alfred J. 2,829,709.
- Booe, James M., to P. R. Mallory & Co., Inc. Tantalum electrolytic capacitor with iron chloride depolarizer. 2,834,926, 5-13-58, Cl. 317-230.
- Booge, James E., to E. I. du Pont de Nemours and Co. Method of producing titanium. 2,843,477, 7-15-58, Cl. 75-84.5.
- Booher, Jack C.: See—
- Gilbert, Frank H., and Booher. 2,835,405.
- Booker, Clyde A., Jr., and G. W. Nagel, to Westinghouse Electric Corp. Range surface unit control. 2,819,372, 1-7-58, Cl. 219-20.
- Bookout, Melvin L., to Rea Magnet Wire Co., Inc. De-reeling device. 2,858,088, 10-28-58, Cl. 242-128.
- Books, Thomas V., and H. E. Heigis, to Specialties Development Corp. Electrically actuated cartridge. 2,853,848, 10-14-58, Cl. 102-46.
- Bookstein, Morris: See—
- Ortega, Hugh R. 2,832,015.
- Bookwalter, William: See—
- Geraghty, Robert M. 2,843,075.
- Boon, William R., E. C. Edgar, R. Ghosh, N. Greenhalgh, H. S. Hopf, and B. F. Burnard, to Imperial Chemical Industries Ltd. Phosphorothioic acid ester compositions and methods of destroying insects. 2,841,517, 7-1-58, Cl. 167-22.
- Boone, David E. Safety signal for trucks, truck trailers and the like. 2,851,674, 9-9-58, Cl. 340-106.
- Boone, Gardner C., G. Burkhard, and P. E. Wrist, to The Ontario Paper Co. Ltd. Method of improving flow of stock from the stock inlet of a paper machine. 2,832,268, 4-29-58, Cl. 92-44.
- Boone, George D. Disposable specimen collector. 2,822,808, 2-11-58, Cl. 128-276.
- Boone, Robert D.: See—
- Morris, Merchant U., and Vehling. 2,857,135.
- Boone, Wallace D., to O P W Corp. Control for automatic liquid dispensing nozzle. 2,837,240, 6-3-58, Cl. 222-43.
- Boontje, Jan, and H. Lauterslager, to North American Philips Co., Inc. Device for recording sound oscillations in spiral grooves on a plate-shaped carrier. 2,864,896, 12-16-58, Cl. 179-100.4.
- Boonton Radio Corp.: See—
- Moore, William C. 2,862,178.
- Boor, Laurence H. Product storing and displaying apparatus. 2,829,780, 4-8-58, Cl. 211-121.
- Boos, Wilhelm F.: See—
- Karbe, Kurt H., and Boos. 2,845,340.
- Boosey, Frederick R.: See—
- Loxham, John, and Boosey. 2,845,791.
- Boosey, Frederick R., to The Sigma Instrument Co. Ltd. Gauges. 2,836,899, 6-3-58, Cl. 33-169.
- Booth, Albert B.: See—
- Bain, Joseph P., Booth, and Klein. 2,827,499.
- Bain, Joseph P., Booth, and Klein. 2,863,882.
- Bain, Joseph P., Gary, and Booth. 2,834,814.
- Booth, Albert B., to The Glidden Co. Racemization of manthol. 2,843,636, 7-15-58, Cl. 260-631.
- Booth, Arthur: See—
- Johnson, Joyce L., Booth, and Messmer. 2,865,871.
- Booth, Arthur C., to United States Rubber Co. Grinding wheel manufacture. 2,825,638, 3-4-58, Cl. 51-298.
- Booth, Douglas G., to The Plessey Co. Ltd. Fuel systems for internal combustion engines and gas turbines. 2,835,323, 5-20-58, Cl. 158-36.3.
- Booth, Ernest: See—
- Cottrell, Jack A., and Hewitt. 2,833,733.
- Booth, Frank: See—
- Dowse, Joseph, and Booth. 2,837,592.
- Booth, Galt B., and G. K. Reen, to Textron Inc. Electrical feedback control systems. 2,853,667, 9-23-58, Cl. 318-127.
- Booth, Grant W.: See—
- Nettleton, David L., Booth, and Beard. 2,853,698.
- Booth, Grant W., and T. P. Bothwell, to Radio Corp. of America. Reversible counter. 2,823,856, 2-18-58, Cl. 235-61.
- Booth, Grant W., and L. C. Hobbs, to Radio Corp. of America. Multiple message comparator. 2,865,567, 12-23-58, Cl. 235-61.

- Booth, Harry T., T. J. Lord, and P. R. Hughes, to United Aircraft Products. Oil tank with pressurized hopper. 2,840,068, 6-24-58, Cl. 123-196.
- Booth, Harry T., F. E. Carroll, Jr., and K. O. Parker, to United Aircraft Products, Inc. Heat transfer method. 2,864,588, 12-16-58, Cl. 257-1.
- Booth, Harry T., F. E. Carroll, Jr., and K. O. Parker, to United Aircraft Products, Inc. Heat transfer device. 2,864,589, 12-16-58, Cl. 257-2.
- Booth, Jack J. Cup dispenser for beverage vending machines. 2,834,511, 5-13-58, Cl. 221-116.
- Booth, Jack J. Flow control valve. 2,838,205, 6-10-58, Cl. 222-52.
- Booth, Jack J. Pre-mix beverage vending machine. 2,861,433, 11-25-58, Cl. 62-188.
- Booth, Jack J., and W. C. Branch. Diaphragm type solenoid delivery valve. 2,842,400, 7-8-58, Cl. 299-149.
- Booth, James H., to Thompson Products, Inc. Ball joint wheel suspension socket assemblies. 2,823,055, 2-11-58, Cl. 287-90.
- Booth, James H. Fish hook setting device. 2,824,403, 2-25-58, Cl. 43-15.
- Booth, James H. Fish hook setting device. 2,824,404, 2-25-58, Cl. 43-15.
- Booth, James H., to Thompson Products, Inc. Joint assembly. 2,852,288, 9-16-58, Cl. 287-90.
- Booth, James H., to Thompson Products, Inc. Springless wear compensating joint. 2,853,326, 9-23-58, Cl. 287-90.
- Booth, Joseph H., to Polaroid Corp. Photographic product. 2,834,271, 5-13-58, Cl. 95-67.
- Booth, Peter H.: See—
Rose, Desmond G., and Booth. 2,852,652.
- Booth, Richard H.: See—
Stephenson, Geoffrey H., and Booth. 2,848,159.
- Booth, Robert B., and J. A. Melchore, to American Cyanamid Co. Method of erosion control of mineral products. 2,854,347, 9-30-58, Cl. 117-6.
- Booth, Roger E., J. K. Dale, and M. F. Murray, to The Upjohn Co. Erythromycin esters. 2,862,921, 12-2-58, Cl. 260-210.
- Booth, Russell N., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,848,582, 8-19-58, Cl. 200-139.
- Booth, Russell N., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,866,023, 12-23-58, Cl. 200-61.06.
- Booth, Sheldon M. Liquid feed for a grinding wheel. 2,840,960, 7-1-58, Cl. 51-267.
- Booth, Sheldon M. Method, composition and apparatus for mechanically setting or resetting diamond particles in a working surface. 2,863,750, 12-9-58, Cl. 51-293.
- Booth, William M., to Gardner-Denver Co. Combination air filter and lubricator. 2,864,464, 12-16-58, Cl. 184-55.
- Boothe, Alonzo M., to Anco Mfg. Corp. Intermediate frequency transformer with toroidal coils. 2,854,642, 9-30-58, Cl. 333-78.
- Boothroyd, Howard W., to United Shoe Machinery Corp. Cartridge ratio selectors for use in the belting of ammunition. 2,847,896, 8-19-58, Cl. 86-48.
- Boothroyd, Wilson P., to Philco Corp. Color television receiver beam registration system. 2,831,052, 4-15-58, Cl. 178-54.
- Boots Pure Drug Co. Ltd.: See—
Burfoot, Eric A., Hatchett, and Robinson. 2,830,931.
- Robinson, Frank A., Dickinson, Petrow, and Wilkinson. 2,843,525.
- Stevenson, Herbert A., Clark, and Cranham. 2,825,676.
- Booty, Raymond G., to American-Marietta Co. Treatment of residual liquor. 2,851,433, 9-9-58, Cl. 260-29.3.
- Boozer, Harry W.: See—
Shoffner, Martin E., and T. L. 2,827,689.
- Boozer, Rehan M.: See—
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- Bopf, Edward C., to Deere Mfg. Co. Discharge elevator for cotton harvester. 2,820,989, 1-28-58, Cl. 19-72.
- Bopf, Edward C., to Deere Mfg. Co. Steering control means. 2,833,196, 5-6-58, Cl. 97-47.41.
- Bopp, Calvin C., and R. W. Bradmiller, to Avco Mfg. Corp. Transistor mixer circuit with gain control. 2,841,703, 7-1-58, Cl. 250-20.
- Bopp, Cecil W., to Bopp Mfg., Inc. Self-balancing loader fork. 2,849,253, 8-26-58, Cl. 294-63.
- Bopp Mfg., Inc.: See—
Bopp, Cecil W. 2,849,253.
- Bopp, Warren G., to Studebaker-Packard Corp. Transmission. 2,846,899, 8-12-58, Cl. 74-645.
- Boppel, Henry L., to The Sheffield Corp. Gaging device. 2,835,982, 5-27-58, Cl. 33-174.
- Borah, John E. Golf ball retriever. 2,819,108, 1-7-58, Cl. 294-19.
- Borah, John E. Ball retriever. 2,819,109, 1-7-58, Cl. 294-19.
- Borah, John E. Golf practice cup. 2,836,422, 5-27-58, Cl. 273-178.
- Borah, John E. Bumper, bumper-guards and yieldable mounting therefor. 2,858,159, 10-28-58, Cl. 293-71.
- Borchardt, Edward W.: See—
Loud, Eldon E., and Borchardt. 2,847,794.
- Borchardt, Olive M.: See—
Loud, Eldon E., and Borchardt. 2,847,794.
- Borcher, Charles A., R. A. Anderson, and H. J. Plumley, to the United States of America as represented by the Secretary of the Navy. Accurate triggering device for high velocity projectiles. 2,821,138, 1-28-58, Cl. 102-70.2.
- Borchers, Anton J.: See—
Cofer, Thomas N., and Borchers. 2,844,643.
- Borchers, Henning H.: See—
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- Borden Co., The: See—
Block, Richard J., and Wingerd. 2,830,905.
- Britton, Richard K. 2,861,002.
- Feutz, Fred, Jr., and Erekson. 2,864,704.
- Halpern, Benjamin D., Karo, and Levine. 2,834,763.
- Hart, Raymond G., and Gardner. 2,819,238.
- Hoyt, Howard E. 2,829,982.
- McNaughtan, Thomas J., and Hoyt. 2,856,381.
- Mitchell, James S. 2,855,382.
- Mitchell, James S. 2,864,782.
- Naprawnik, August, and Lieb. 2,829,124.
- Salzberg, Harold K., and Kinney. 2,860,062.
- Wechsler, Harry. 2,861,973.
- Borden, Jay R., and A. M. Harja, to Clary Corp. Gyroscopic device. 2,842,967, 7-15-58, Cl. 74-5.1.
- Borden, Joseph H., to Toledo Scale Corp. Safety controls for elevator door closing mechanism. 2,826,272, 3-11-58, Cl. 187-48.
- Borden, Joseph H., to Toledo Scale Corp. Mechanism for opening and closing elevator cabs and hatchways. 2,859,835, 11-11-58, Cl. 187-52.
- Borden, Philip E. Barbecue unit. 2,866,883, 12-30-58, Cl. 219-35.
- Bordenave, Paul J., A. V. H. Joubert, and A. Pascal, to Etat Francais represented by Ministere de la Defense. Apparatus for measurements concerning the velocity of propagation of waves, and in particular sound waves. 2,865,196, 12-23-58, Cl. 73-53.
- Borders, Charles R.: See—
Deerhake, William J., Borders, and Havens. 2,826,359.
- Borel, Alfred E., and J.-P. Gastight instrument shell for furnaces. 2,844,637, 7-22-58, Cl. 136-4.
- Borel, Eric A., and R. H. Cotton, to Hercules Powder Co. Method for treating gluten. 2,861,061, 11-18-58, Cl. 260-123.
- Borel, Eric A., and R. H. Cotton, to Hercules Powder Co. Method of treating gluten to produce gliadin and glutamates therefrom. 2,861,062, 11-18-58, Cl. 260-123.
- Borel, Jean-Pierre: See—
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- Boreli, George L., and D. G. Taylor, to Minneapolis-Honeywell Regulator Co. Aircraft control servosystem. 2,836,783, 5-27-58, Cl. 318-489.
- Borell, George L. Automatic detergent feeding control. 2,859,760, 11-11-58, Cl. 137-93.
- Borell, George L., and O. W. Jaeger, Jr. Self limiting liquid feed device. 2,830,615, 4-15-58, Cl. 137-392.
- Borenstein, Martin. Convertible furniture. 2,845,112, 7-29-58, Cl. 155-112.
- Boresch, Carl, W. Hage, and M. Quaedyliog, to Farbenfabriken Bayer Akt. Resinous trimethylol phenol-phenol-polyamine condensation products with anion exchanging properties. 2,859,186, 11-4-58, Cl. 260-2.1.
- Boretti, Napoleon P., to General Motors Corp. Welding electrode comprising a shank and removable cap. 2,829,239, 4-1-58, Cl. 219-120.
- Boretti, Napoleon P., and E. V. Harper, to General Motors Corp. Fluid cleaner. 2,828,831, 4-1-58, Cl. 183-34.
- Boretz, Jonathan E., J. A. Bolton, and J. B. Williams, to the United States of America as represented by the United States Atomic Energy Commission. Automatic sampling device. 2,826,076, 3-11-58, Cl. 73-422.
- Borey, Daniel S., and C. O. Rhys, Jr., to Esso Research and Engineering Co. Contacting of gases with fluidized solids. 2,843,460, 7-15-58, Cl. 23-288.
- Borg, Arthur C.: See—
Staker, William P., Jacobs, and Borg. 2,843,755.
- Borg, Edward M. Hearing aid and spectacles combination. 2,830,132, 4-8-58, Cl. 179-107.
- Borg, Edward M. Method for ascertaining the percentage of butter fat content of milk. 2,844,067, 7-22-58, Cl. 83-14.
- Borg, John O.: See—
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- Borg, W. N. Corp.: The: See—
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- Tancred, William L. 2,866,871.
- Borg-Warner Corp.: See—
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- Anderson, James H. 2,830,755.
- Baule, Werner G. 2,846,901.
- Boldt, Robert W. 2,839,621.
- Campbell, Henry H. 2,853,166.
- Campbell, Henry H., and Compton. 2,824,523.
- Carlson, Raymond A. 2,856,048.
- Christy, Robert A., and Levitt. 2,845,097.
- Christy, Robert A., and Moore. 2,848,033.
- Compton, James A. 2,820,416.
- Compton, James A. 2,823,617.
- Compton, James A. 2,824,522.
- Compton, James A. 2,845,871.

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 Dodge, Adiel Y. 2,848,906.
 Duncan, Rea E. 2,824,308.
 Farrell, Eugene F. 2,839,826.
 Ferris, Ernest A. 2,856,045.
 Fleming, Charles A. 2,821,491.
 Frey, Edward J. 2,826,055.
 Friend, Manuel N. 2,857,843.
 Gamble, David E. 2,855,852.
 Gerhardt, Andrew H. 2,826,327.
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 Irvin, Howard H. 2,842,518.
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 Kelbel, Donald W. 2,833,890.
 Kelbel, Donald W., and Orr. 2,844,975.
 Kennedy, George P., and Kurent. 2,833,123.
 Kitzinger, Joseph A. 2,842,071.
 Lauck, John A. 2,838,074.
 Lebourg, Maurice P. 2,846,948.
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 McAninch, Herbert A., and Tharpe. 2,858,712.
 Miller, James A. 2,862,403.
 Nelles, Maurice. 2,824,462.
 Norlin, Francis E. 2,822,759.
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 Northcutt, Roy C. 2,840,409.
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Borgardt, Henry, and R. E. Miller, to National Dairy Products Corp. Viscous material dispenser. 2,854,170, 9-30-58, Cl. 222-1.

Borger, James C.: *See*—
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Borgeson, Sidney E., deceased, by F. W. Borgeson, executrix. Surgical appliance. 2,835,253, 5-20-58, Cl. 128-303.

Borgman, Arthur C., and E. V. Holahan, to The Patent Scaffolding Co., Inc. Elevating brackets. 2,833,596, 5-6-58, Cl. 304-29.

Borgman, Arthur C., and W. B. Sheard, to The Patent Scaffolding Co., Inc. Automatic brace locks for sectional scaffolding. 2,841,452, 7-1-58, Cl. 304-40.

Borgmann, Gerhard. Device for stabilizing motor vehicle bodies and for influencing the lateral inclination thereof. 2,850,290, 9-2-58, Cl. 280-112.

Borgogno, Victor. Casting float. 2,826,851, 3-18-58, Cl. 43-43.13.

Borgstrom, Bruce W. Disposable door mats. 2,843,868, 7-22-58, Cl. 15-215.

Borgstrom, Charles E., and W. Van Triest, to Chance Vought Aircraft, Inc. Aircraft scale installation having adjustable platform segments. 2,819,612, 1-14-58, Cl. 73-65.

Boring, Frank M. Sounding toy. 2,838,871, 6-17-58, Cl. 46-52.

Borisch, Henry C., to American Motors Corp. Seat back lowering mechanism. Re. 24,528, 9-2-58, Cl. 155-7.

Bork, Adam. Bread holder for electric toasters. 2,849,947, 9-2-58, Cl. 99-402.

Bork, Hugo W., to Skil Corp. Portable power-driven reciprocating saw. 2,839,101, 6-17-58, Cl. 143-68.

Borkan, Harold, to Radio Corp. of America. Direct-view electrical storage tube and erasing system therefor. 2,847,610, 8-12-58, Cl. 315-12.

Borkan, Harold, and P. K. Weimer, to Radio Corp. of America. Color television transmitter. 2,865,985, 12-23-58, Cl. 178-5.4.

Borke, Lars O., to Western Electric Co., Inc. Safety device for checking the correct position of stock in a punch and die. 2,821,251, 1-28-58, Cl. 164-59.

Borkenstein, Robert F. Apparatus for analyzing a gas. 2,824,789, 2-25-58, Cl. 23-254.

Borkovec, Alexej B., to The Dow Chemical Co. Method for the polymerization of olefin oxides with ferric compounds. 2,844,545, 7-22-58, Cl. 260-2.

Borkovec, Alexej B., to The Dow Chemical Co. Process for the polymerization of olefin oxides with ferric compounds. 2,861,962, 11-25-58, Cl. 260-2.

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Borley, Colin R.: *See*—
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Born, Ray W. Low pressure, high volume-high pressure, low volume pump. 2,820,415, 1-21-58, Cl. 103-37.

Born, Sidney, and H. J., to Born Engineering Co. Heaters. 2,825,313, 3-4-58, Cl. 122-356.

Born, William F., and J. B. Wallace, to Westinghouse Electric Corp. Bus duct. 2,840,630, 6-24-58, Cl. 174-100.

Bornemann, William, to Eastman Kodak Co. Device for transporting discrete elements. 2,828,001, 3-25-58, Cl. 198-131.

Bornemann, William, and C. J. Hughey, to Eastman Kodak Co. Device for handling a plurality of information bearing mediums. 2,860,906, 11-18-58, Cl. 294-1.

Borngesser, Otto J.: *See*—
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Borngesser, Otto J., to United States of America, Navy. Hydraulic force-limiter for aircraft controls. 2,849,198, 8-26-58, Cl. 244-83.

Bornheim, George H., and H. J. Ouellette, to the United States of America as represented by the Secretary of the Army. Firing device for a revolver-type automatic gun with a recoil unit. 2,826,122, 3-11-58, Cl. 89-157.

Bornstein, Ira, to North American Aviation, Inc. Samarium compensator method for nuclear reactor fuel. 2,843,539, 7-15-58, Cl. 204-154.2.

Bornstein, Isaac. Vibrating eyes for eyeglasses, novelties and dolls. 2,859,552, 11-11-58, Cl. 46-1.

Bornstein, Leopold F. Method of making thermosetting molding compositions containing filler. 2,841,565, 7-1-58, Cl. 260-17.3.

Bornstein, Samuel A. Posture cushion for motor vehicles. 2,833,341, 5-6-58, Cl. 155-182.

Bornzin, James H., to International Harvester Co. Variable feed opening for hay balers. 2,842,045, 7-8-58, Cl. 100-142.

Bornzin, James H., J. E. Sadler, and R. M. Fachini, to International Harvester Co. Two piece cotton doffer. 2,830,426, 4-15-58, Cl. 56-41.

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 Glaser, Frank W. 2,862,828.

Boron, Frank J., to American Brake Shoe Co. Divider plates for furnaces. 2,824,730, 2-25-58, Cl. 266-25.

Boron, Frank J., to American Brake Shoe Co. Furnace bottom supports. 2,849,219, 8-26-58, Cl. 263-40.

Borowski, Adolph J.: *See*—
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Borrow, Antony, E. G. Jefferys, and I. S. Nixon, to Imperial Chemical Industries Ltd. Metabolic process for production of gibberellic acid. 2,865,812, 12-23-58, Cl. 195-36.

Borrowdale, Orville J. Device for moving material substantially vertically. 2,849,102, 8-26-58, Cl. 198-82.

Borsh, Joseph: *See*—
 Michael, Paul L., Borsh, and Strange. 2,824,558.

Borsheim, Harold G., to Deere Mfg. Co. Tractor-mounted hydraulic control. 2,827,970, 3-25-58, Cl. 180-1.

Borsos, Joseph. Magnetic toy drum. 2,818,680, 1-7-58, Cl. 46-240.

Borst, Douglas R., to Westinghouse Air Brake Co. Pressure and vacuum brake systems interlock apparatus. 2,861,842, 11-25-58, Cl. 303-4.

Bortfeldt, Jurgen, to K. Arnold & Co. Toy aeroplane. 2,837,864, 6-10-58, Cl. 46-77.

Borthwick, John. Apparatus for use in shearing sheep. 2,829,622, 4-8-58, Cl. 119-103.

Bortnick, Newman M.: *See*—
 Fegley, Marian F., and Bortnick. 2,827,488.

- Bortnick, Newman M., to Rohm & Haas Co. Acrylic and methacrylic derivatives of urea and polymers thereof. 2,847,400, 8-12-58, Cl. 260—77.5.
- Bortnick, Newman M., to Rohm & Haas Co. Adducts of heterocyclic amides. 2,852,512, 9-16-58, Cl. 260—244.
- Bortnick, Newman M., to Rohm & Haas Co. Process for the preparation of 2,5-dimethylcyclopentanone. 2,863,923, 12-9-58, Cl. 260—586.
- Bortnick, Newman M., and M. F. Fegley, to Rohm & Haas Co. Methyltrihaloethylhaloadipates. 2,826,602, 3-11-58, Cl. 260—485.
- Bortolazzo, Frank F. Flying saucer and space patrol toy. 2,842,895, 7-15-58, Cl. 46—47.
- Boruvka, Otto. Trouser remover. 2,840,285, 6-24-58, Cl. 223—111.
- Boruvka, Otto. Barbecue fork. 2,864,163, 12-16-58, Cl. 30—129.
- Borzin, John J., to United States of America, Navy. Wide range proportional counter tube. 2,835,839, 5-20-58, Cl. 313—93.
- Borzone, Domingo. Apparatus for controlling the inflation of motor vehicle tyres at service stations. 2,851,019, 9-30-58, Cl. 137—229.
- Boscarino, Joseph, Jr. Automatic self feed wax applier. 2,839,770, 6-24-58, Cl. 15—131.
- Bosch, John P. Pipe expander having sealing ring retaining cap for hydraulic ram. 2,830,831, 4-15-58, Cl. 285—347.
- Bosch, Robert E., to General Electric Co. Article handling apparatus. 2,823,781, 2-18-58, Cl. 193—43.
- Bosch, Robert, G. m. b. H.: See—
- Besch, Otto. 2,835,726.
- Gunkler, Paul, Vollmer, and Kugel. 2,845,556.
- Linder, Rudolf, and Rilling. 2,846,551.
- Mittag, Hermann, and Bacher. 2,835,916.
- Ortlieb, Alfred. 2,858,181.
- Straub, Karl, and Walther. 2,830,141.
- Bosche, Walwin J., Jr., to Aiton Box Board Co. Folding box. 2,832,527, 4-29-58, Cl. 229—39.
- Boschi, Antonio, to Società Applicazioni Gomma Antivibranti S.A.G.A. Società per Azioni. Fluid movement shock absorbers with springs of rubber-metal. 2,822,164, 2-4-58, Cl. 267—8.
- Boschi, Antonio, to Società Applicazioni Gomma Antivibranti S.A.G.A. Società per Azioni. Springs. 2,822,165, 2-4-58, Cl. 267—33.
- Boschi, Antonio. Resilient wheel, more particularly for rail vehicles. 2,853,337, 9-23-58, Cl. 295—11.
- Boschi, Antonio, to Società Applicazioni Gomma Antivibranti S.A.G.A. Società per Azioni. Compression springs. 2,854,232, 9-30-58, Cl. 267—63.
- Bose, John H., to E. M. Armstrong, executrix of the estate of E. H. Armstrong. Linear detector for subcarrier frequency modulated waves. 2,835,803, 5-20-58, Cl. 250—27.
- Bösel, Ingeborg, K. Bullmer, and H. Rössler, to K. Bullmer. Device for marking superimposed webs of material. 2,844,203, 7-22-58, Cl. 104—89.5.
- Boser, Ronald. Adjustable tube and folder for sewing machines. 2,854,934, 10-7-58, Cl. 112—147.
- Bosher, Benjamin A. Vehicular signal system. 2,854,649, 9-30-58, Cl. 340—74.
- Boshold, Raymond F.: See—
- Kent, Francis J., and Boshold. 2,858,017.
- Bosken, Leonard L., to Cambridge Tile Mfg. Co. Automatic transfer apparatus. 2,833,426, 5-6-58, Cl. 214—6.
- Bosley, Dewey R.: See—
- Otten, Philip S., and Bosley. 2,833,526.
- Bosmajian, George, Jr., and H. D. Ballard, Jr., to Sinclair Refining Co. Process for making naphthalene. 2,858,348, 10-28-58, Cl. 260—668.
- Bosman, Michiel, and J. M. H. Beckers, to Stamicarbon N. V. Separating apparatus with constant flow rate control. 2,833,411, 5-6-58, Cl. 209—158.
- Bosomworth, George P., to The Firestone Tire & Rubber Co. Bead seating and inflating device for tubeless tire. 2,849,059, 8-26-58, Cl. 157—1.1.
- Bossard, Werner, and P. Dussy, to J. R. Geigy A.-G. Coop- erable disazo dyestuffs. 2,829,141, 4-1-58, Cl. 260—160.
- Bossard, Werner, J. Voltz, and F. Favre, to J. R. Geigy, A.-G. Water soluble dye salts. 2,864,812, 12-16-58, Cl. 260—146.
- Bossard, Werner, J. Voltz, and F. Favre, to J. R. Geigy, A.-G. Water soluble colour salts. 2,864,813, 12-16-58, Cl. 260—146.
- Bosse, David G.: See—
- Hochberg, Seymore, and Bosse. 2,855,156.
- Bosshard, Ernst, to G. Buehler. Hydraulic control means for roller mills and the like. 2,856,900, 10-21-58, Cl. 121—38.
- Bosshard, Victor E. A., to Durisol A.-G. für Leichtbaustoffe. Wall construction. 2,833,139, 5-6-58, Cl. 72—16.
- Bosshardt, David K.: See—
- Huff, Jesse W., and Bosshardt. 2,860,050.
- Bossi, Alfred J., to Ronagra Etablissement. Packaging of ampoules and other articles. 2,846,830, 8-12-58, Cl. 53—35.
- Bostitch, Inc.: See—
- Allen, Howard G., and Fisher. 2,857,596.
- Mashl, Stephen J. 2,857,735.
- Bostock, James H., to Otis Engineering Corp. Anchoring devices for well tools. 2,862,564, 12-2-58, Cl. 166—214.
- Bostock, James H., and H. B. Schramm, to Otis Engineering Corp. Well tools. 2,862,560, 12-2-58, Cl. 166—125.
- Boston, Edward D.: See—
- Smith, Brook L., and Boston. 2,852,440.
- Boston, Frank E., and J. J. Shomock, to The Pyramid Rubber Co. Skirted nurser hood. 2,834,496, 5-13-58, Cl. 215—11.
- Boston, John A., to Capitol Products Corp. Dough seam control. 2,845,879, 8-5-58, Cl. 107—9.
- Boston Machine Works Co.: See—
- Vachon, Hubert J. 2,863,229.
- Boston, Malcolm E.: See—
- Alexander, Paul, Baxter, and Boston. 2,822,301.
- Alexander, Paul, Baxter, and Boston. 2,860,075.
- Boström, Nikolaus, to Theodor Wuppermann, G. m. b. H. Flying shears for cutting of continuously moving rolled material. 2,825,402, 3-4-58, Cl. 164—34.
- Boswell, Arthur D., to Union Carbide Corp. Method of reactor product removal by explosive means. 2,839,435, 6-17-58, Cl. 134—17.
- Boswell, Thomas L.: See—
- Ensign, George G., and Boswell. 2,862,039.
- Boswell, V. W.: See—
- Garner, Wayne C., and Brookshire. 2,844,318.
- Bostwick, Charles O., to E. I. du Pont de Nemours and Co. Water soluble group IV-A metal esters of amino alcohols and their preparation. 2,824,114, 2-18-58, Cl. 260—429.3.
- Bostwick, Robert: See—
- Myers, Clayton S., Wilson, and Bostwick. 2,820,774.
- Boszormenyi, Andre G. T.: See—
- Jendrassik, George. 2,852,915.
- Jendrassik, George, and Boszormenyi. 2,836,346.
- Jendrassik, George, and Boszormenyi. 2,848,871.
- Boteler, Henry W., to Grinnell Corp. Diaphragm valves. 2,853,270, 9-23-58, Cl. 251—331.
- Boteler, Henry W., to Grinnell Corp. Diaphragm valves. 2,855,176, 10-7-58, Cl. 251—252.
- Boteler, Henry W., to Grinnell Corp. Diaphragm valve. 2,863,631, 12-9-58, Cl. 251—331.
- Bothwell, Theodore F.: See—
- Booth, Grant W., and Bothwell. 2,823,856.
- Botnick, Irvin, to The Kromex Corp. Collapsible table having a rotating top. 2,859,080, 11-4-58, Cl. 311—83.
- Bottenberg, Kenneth C., to Phillips Petroleum Co. Apparatus for production of products by exothermic-endothermic heat exchange. 2,850,360, 9-2-58, Cl. 23—252.
- Bottenfield, Vernon S., to The Scholl Mfg. Co., Inc. Foot measuring device. 2,824,372, 2-25-58, Cl. 33—3.
- Botting, Archibald. Tire chain. 2,822,851, 2-11-58, Cl. 152—244.
- Botting, Percy B., and J. B. Killian. Pipe coating device. 2,862,276, 12-2-58, Cl. 25—38.
- Bottle Dispensing Co., Inc., The: See—
- Lepri, Attilio. 2,850,192.
- Bottom, John R. Railing assembly. 2,855,227, 10-7-58, Cl. 287—9.
- Bottom, Theodore J. Awning structure. 2,862,260, 12-2-58, Cl. 20—57.5.
- Bottomley, Eric: See—
- Barnish, Leonard S., Baines, Johnson, and Bottomley. 2,820,541.
- Bottoms, Charles H.: See—
- Harris, Thomas A., and Bottoms. 2,851,856.
- Bottoms, Charles H., to Joseph Lucas (Industries) Ltd. Means for controlling the supply of liquid fuel to engine or other combustion chambers. 2,859,761, 11-11-58, Cl. 137—98.
- Bottoms, Harry S.: See—
- Young, John M. C., and Bottoms. 2,854,024.
- Bottoms, Robert R., to National Cylinder Gas Co. Purification of synthetic menthol by oxidizing with hexavalent chromium. 2,827,497, 3-18-58, Cl. 260—631.
- Bottoms, Robert R., to National Cylinder Gas Co. Conversion of geometrical isomers of menthol to racemic menthol by silica catalysts. 2,827,498, 3-18-58, Cl. 260—63.
- Bottoms, Robert R., to National Cylinder Gas Co. Production of thymol. 2,840,616, 6-24-58, Cl. 260—626.
- Bottoms, Robert R., to National Cylinder Gas Co. Method of increasing the immunity of cellulose to decay and treated article. 2,850,405, 9-2-58, Cl. 117—65.
- Bottoff, Edmond M., to Eli Lilly and Co. Synthesis of tricyclamol. 2,826,590, 3-11-58, Cl. 260—326.5.
- Botts, John C., to Westinghouse Electric Corp. Electrical conductors insulated with mica and completely reactive synthetic copolymer resinous compositions. 2,821,498, 1-28-58, Cl. 154—80.
- Bottum, Edward W. Single open end type filter construction. 2,835,391, 5-20-58, Cl. 210—448.
- Botty, Martin C., and F. G. Rowe, to American Cyanamid Co. Design, construction and application of a device for obtaining radiographs of microscopic objects in a commercial model electron microscope. 2,843,751, 7-15-58, Cl. 250—65.
- Boucek, Vincent C., to United States Steel Corp. Method of producing rimmed and capped steel. 2,819,503, 1-14-58, Cl. 22—215.
- Boucek, Vincent C., to United States Steel Corp. High-carbon rimmed steel and method of making it. 2,850,373, 9-2-58, Cl. 75—27.
- Boucek, Vincent C., to United States Steel Corp. Overhead conductor. 2,853,768, 9-30-58, Cl. 29—194.

- Bouchard, Blanche E.: *See*—
Du Grenier, Francis C., and Perri. 2,853,174.
- Boucher, Edward F., I. J. Friedman, and R. J. Taylor, to Chas. Pfizer & Co., Inc. Vitamin B₁₂ products and preparation thereof. 2,830,933, 4-15-58, Cl. 167—81.
- Bouchard, George H., and J. A. Dombrowski, to Sylvania Electric Products Inc. Electroluminescent lamp. 2,824,992, 2-25-58, Cl. 313—108.
- Bouchard, Stewart P., Sr. Amphibious catamaran. 2,850,747, 9-9-58, Cl. 9—1.
- Boucher, Cormack E. Heat conductive insulating support. 2,829,271, 4-1-58, Cl. 250—89.
- Boucher, Frank G., to Jersey Production Research Co. Orientation of subsurface earth cores. 2,859,938, 11-11-58, Cl. 255—14.
- Boucke, Heinz, to Radio Patents Co. Pulse oscillography. 2,851,030, 9-9-58, Cl. 128—205.
- Boudreaux, George S., and R. S. Hoch, to Phillips Petroleum Co. Separating means for aerated mud drilling. 2,852,091, 9-16-58, Cl. 183—25.
- Bouffert, Victor A., to Mecatec S. A. Tracked vehicle suspension. 2,823,044, 2-11-58, Cl. 260—106.5.
- Bouffort, Victor A. Knockdown motor vehicle of scooter type. 2,839,146, 6-17-58, Cl. 180—33.
- Bouffort, Victor A., to Mecatec S. A. Vehicle provided with adjustable endless tracks. 2,860,715, 11-18-58, Cl. 180—9.1.
- Boughner, Lawrence G., to Rockwell Spring and Axle Co. Self-steering tandem axle arrangement. 2,826,427, 3-11-58, Cl. 280—104.5.
- Boughner, Lawrence G., to Rockwell Spring and Axle Co. Vehicle drive mechanisms. 2,831,372, 4-22-58, Cl. 74—100.
- Boughner, Lawrence G., and P. C. Whiting, to Rockwell Spring and Axle Co. Tandem axle suspension and components. 2,825,415, 3-4-58, Cl. 180—22.
- Boughton, Frank B. Envelope inserting machine. 2,839,880, 6-24-58, Cl. 53—188.
- Boughton, James K., and W. L. Jones, to The Goodyear Tire & Rubber Co. Apparatus for actuating a production counter. 2,826,364, 3-11-58, Cl. 235—92.
- Bouilliant-Linet, Jacques A. Tractor mounted reciprocating cutting assembly with torque tube mounting means. 2,827,746, 3-25-58, Cl. 56—25.
- Boulay, Henri A.: *See*—
Langlous, Roland E., Boulay, and Blumenbaum. 2,827,808.
- Boulet, Georges, to Société à Responsabilité Limitée Recherches Etudes Production R. E. P. Fluid pressure actuated height control for vehicle suspension. 2,855,214, 10-7-58, Cl. 280—124.
- Boullion, George M., to Do-All Metal Products Co., Inc. False twist spindle. 2,825,200, 3-4-58, Cl. 57—77.45.
- Boultinghouse, Kermit T., and J. Gall, to W. O. Hartup. Trimming machine and cam mechanism therefor. 2,828,632, 4-1-58, Cl. 74—55.
- Boulton, Leslie H., to Kawneer Co. Wall facing. 2,857,995, 10-28-58, Cl. 189—88.
- Bounds, Ardrey M.: *See*—
Hoff, Richard L., and Bounds. 2,833,647.
- Bounds, Ardrey M., and R. L. Hoff, to Superior Tube Co. Tungsten-titanium-nickel cathode. 2,836,491, 5-27-58, Cl. 75—170.
- Boundy, Arthur H.: *See*—
Sharn, Fred J., and Boundy. 2,834,394.
- Bourcart, Emile A.: *See*—
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- Bourcier de Carbon, Christian M. L. L. Thermostatic shock absorber. 2,821,268, 1-28-58, Cl. 188—100.
- Bourcier de Carbon, Christian M. L. L. Shock absorbers. 2,823,915, 2-18-58, Cl. 267—8.
- Bourdeau, Eusèbe A., to La Telemechanique Electrique (Societe Anonyme). Monitoring device for polyphase power supply systems. 2,864,915, 12-16-58, Cl. 200—116.
- Bourdon, Albert E. Reinforcement for pallets. 2,823,883, 2-18-58, Cl. 248—120.
- Bourdon, Corinne P. Appareil receptacle. 2,865,418, 12-23-58, Cl. 150—1.
- Bourdon, Russell G., to The Kaydon Engineering Corp. Demolition device. 2,829,633, 4-8-58, Cl. 125—33.
- Bourgault, Pierre L., P. E. Lake, and E. J. Casey, to Her Majesty The Queen in The Right of Canada, as represented by the Minister of National Defence. Method of impregnation of positive plates by thermal decomposition of aqueous nickel nitrate. 2,831,044, 4-15-58, Cl. 136—29.
- Bourguet, Jean M., to Socony Mobil Oil Co., Inc. Apparatus for and method of operating a pneumatic lift used to transport granular solids. 2,819,121, 1-7-58, Cl. 302—53.
- Bourne, Douglas J.: *See*—
Atwood, George E., and Bourne. 2,849,287.
- Bourne, Douglas J., and M. H. Harrison, to Duval Sulphur and Potash Co. Methods of and means for handling flotation middlings in ore concentration processes. 2,849,113, 8-26-58, Cl. 209—12.
- Bourne, John A. Surgical dressing for forming a finger cot. 2,847,005, 8-12-58, Cl. 128—157.
- Bourne, Joseph B., and C. Croome. Structural panel. 2,833,003, 5-6-58, Cl. 20—15.
- Bourne, Roland B., to The Maxim Silencer Co. Silencer for positive pressure gas streams subjected to high amplitude pulsations. 2,857,014, 10-21-58, Cl. 181—59.
- Bourne, Roland B., and J. P. Tyskewicz, to The Maxim Silencer Co. Silencer for the exhaust gases of an internal combustion engine. 2,829,729, 4-8-58, Cl. 181—57.
- Bourns Laboratories, Inc.: *See*—
Bourns, Marlan E., and Caddock. 2,860,214.
- Bourns, Marlan E., Goepfinger, Hardison, and Cornish. 2,850,608.
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- Bourns, Marlan E., and O'Brian. 2,866,052.
- Marks, Eugene A., and Ferguson. 2,850,590.
- O'Brian, Edward D. 2,841,676.
- Bourns, Marlan E. Variable resistor constructions. 2,831,949, 4-22-58, Cl. 201—62.
- Bourns, Marlan E. Vacuum tube pick-up. 2,839,701, 6-17-58, Cl. 313—146.
- Bourns, Marlan E. Adjustable electrical instruments. 2,860,217, 11-11-58, Cl. 201—62.
- Bourns, Marlan E. Combined potentiometer and read-out constructions. 2,866,053, 12-23-58, Cl. 201—48.
- Bourns, Marlan E., M. E. Harrison, R. M. Whitehorn, W. T. Hardison, and D. L. Gaa; said Harrison, Whitehorn, Hardison and Gaa, to Bourns Laboratories, Inc. Potentiometer. 2,823,288, 2-11-58, Cl. 201—62.
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- Bourns, Marlan E., M. E. Harrison, J. D. Young, and E. J. Goepfinger, assignors to said Bourns. Linear-type acceleration sensing device. 2,831,670, 4-22-58, Cl. 264—1.
- Bourns, Marlan E., and M. E. Harrison; said Harrison assors. to said Bourns. Pressure responsive instrument. 2,841,674, 7-1-58, Cl. 201—48.
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- Bourns, Marlan E., M. E. Harrison, and J. D. Young. Linear-type acceleration sensing device. 2,857,149, 10-21-58, Cl. 264—1.
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- Bourquin, Eugène, to Brevets Aero-Mecaniques S. A. Trigger actuator for firearms. 2,841,908, 7-8-58, Cl. 42—69.
- Bourret, Georges: *See*—
Fouron, Pierre, and Bourret. 2,835,006.
- Bousek, Richard J., to Collins Radio Co. Phase stabilization of R. F. amplifiers and oscillator circuits. 2,848,611, 8-19-58, Cl. 250—36.
- Bousky, Samuel, to Radio Corp. of America. Ceramic dielectric materials. 2,853,392, 9-23-58, Cl. 106—46.
- Bousquet, Maurice. Rotary spoon baits. 2,823,484, 2-18-58, Cl. 43—42.19.
- Bousquet, Philippe J., to Societe de Fabrication d'Armements et de Moteurs "S. O. F. A. M." Hydraulic pump and motor variable speed drives. 2,854,820, 10-7-58, Cl. 60—53.
- Bouteleux, René. Cylinder-head for internal combustion engine. 2,863,429, 12-9-58, Cl. 123—90.
- Bouten, Cornelis J., and H. J. de Jong, to North American Philips Co., Inc. Cutting plier. 2,820,292, 1-21-58, Cl. 30—182.
- Boutry, Georges A., and G. Pietri, to North American Philips Co., Inc. Ion source. 2,835,835, 5-20-58, Cl. 313—63.
- Bouvat-Martin, Jean, to Societe Anonyme dite: Societe Generale Isothermos. Oil collector and distributor for mechanically-lubricated axle-box. 2,838,347, 6-10-58, Cl. 308—86.
- Bouvat-Martin, Jean, to Societe Anonyme dite: Societe Generale Isothermos. Top-lubricated axle-spindle bearings. 2,857,215, 10-21-58, Cl. 308—79.
- Bouvat-Martin, Jean, to Westinghouse Air Brake Co. Adjuster which automatically lets out and takes up slack in railway brake rigging. 2,861,658, 11-25-58, Cl. 188—196.
- Bouwens, Albert, to N. V. Optische Industrie "De Oude Delft." Panoramic telescope. 2,818,773, 1-7-58, Cl. 88—33.
- Bouwens, Albert, to N. V. Optische Industrie "De Oude Delft." Optical mirror system comprising at least one conic lens corrector element. 2,821,107, 1-28-58, Cl. 88—57.
- Bouwens, Albert, and G. K. Box, to N. V. Optische Industrie "de Oude Delft." Stereoscope, in particular for the observation of air photographs. 2,830,494, 4-15-58, Cl. 38—29.
- Bouwman, Wicher K., to North American Philips Co., Inc. Thermally controlled switch. 2,847,538, 8-12-58, Cl. 200—137.

- Bouyoucos, John V., and F. V. Hunt. Acoustic-vibration coupler. 2,859,726, 11-11-58, Cl. 116-137.
- Bouzit, Jean: *See*—
Claret, René, and Bouzit. 2,845,710.
- Bov, Thomas J.: *See*—
Philips, Judson L., and Bov. 2,822,789.
- Bova, Mary: *See*—
Hooker, John A., and Bova. 2,851,767.
- Bovard, Robert M.: *See*—
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- Bovarnick, Max. Glutamic and aspartic acid polypeptide polymers as plasma volume extenders. 2,866,783, 12-30-58, Cl. 260-112.
- Bovay, H. E., Jr., Consulting Engineers: *See*—
Wheeler, Lionel H., and Green. 2,828,917.
- Bove, Pierre, $\frac{1}{2}$ to Societe Francaise de Matériaux et Produits Hydrofuges "La Callendrite." Apparatus for manufacturing waterproof coverings. 2,836,221, 5-27-58, Cl. 154-1.
- Bovenkerk, Harold P., to General Electric Co. Method of assembling and evacuating an insulated vacuum panel. 2,824,364, 2-25-58, Cl. 29-455.
- Bovey, Frank A., and J. F. Abere, to Minnesota Mining and Mfg. Co. Fluorinated acrylates and polymers. 2,826,564, 3-11-58, Cl. 260-83.5.
- Bowan, Walter J.: *See*—
Mueller, Frank H., and Bowan. 2,829,675.
- Bowater Research and Development Co. Ltd.: *See*—
Roberts, George R., and Heathcote. 2,836,372.
- Wells, Archibald H., Nissan, Highton, and Hopkins. 2,866,375.
- Bowden, James J. Process of making steel from pig iron. 2,826,488, 3-11-58, Cl. 75-52.
- Bowden, James J. Fluidizing slags of open hearth and electric furnace steel making processes using eutectic mixture. 2,855,289, 10-7-58, Cl. 75-30.
- Bowden, John N., and E. W. Brennan, to The Pure Oil Co. Spindle oil composition. 2,830,951, 4-15-58, Cl. 252-37.2.
- Bowditch, Hoel L., and E. O. Olsen, to The Foxboro Co. Electropneumatic telemetering apparatus. 2,858,527, 10-28-58, Cl. 340-187.
- Bowen, Albert M.: *See*—
Montooth, George A., and Bowen. 2,853,300.
- Bowen Corp.: *See*—
Ehrisman, Henry O. 2,859,809.
- Bowen, Daniel O.: *See*—
Jones, Frederick A., Cooper, Bowen, and Griffiths. 2,836,575.
- Bowen, Harold G.: *See*—
Philpott, La Verne R. 2,838,752.
- Philpott, La Verne R., and Page. 2,820,891.
- Bowen, James A., and N. D. Seymour, to Whirlpool Corp. Liquid overflow control for domestic appliance. 2,865,390, 12-23-58, Cl. 137-188.
- Bowen, John H.: *See*—
Moore, Richard V., Bowen, and Dent. 2,863,815.
- Bowen, Max. Adjustable wing aircraft. 2,822,995, 2-11-58, Cl. 244-43.
- Bowen, Max E., and T. E. Carlson, to Handling Equipment Mfg. Corp. Electric water heater. 2,861,169, 11-18-58, Cl. 219-38.
- Bowen, Richard L., Jr. Hydraulically controlled differential web tensioning mechanism. 2,835,454, 5-20-58, Cl. 242-75.53.
- Bowen, Richard L., Jr. Constant tension unwinding mechanism. 2,859,921, 11-11-58, Cl. 242-75.45.
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- Bowen, Robert E., to North Carolina Pulp Co. Apparatus for screening pulp. 2,845,848, 8-5-58, Cl. 92-34.
- Bowen, William M., III, to Oxy-Catalyst, Inc. Heat generating and exchanging device. 2,856,905, 10-21-58, Cl. 122-236.
- Bowen, William S. Air inducing apparatus. 2,861,737, 11-25-58, Cl. 230-105.
- Bower, Fred C., to The Black-Clawson Co. Web winding machine. 2,860,839, 11-18-58, Cl. 242-56.
- Bower, Harvey S.: *See*—
Laster, Richard, Bower, Doumas, and Huste. 2,824,807.
- Bower, John L., to North American Aviation, Inc. Blsmuth voltage multiplier and divider. 2,826,358, 3-11-58, Cl. 235-61.
- Bower, Marlan E., $\frac{1}{2}$ to S. M. Allen. Baby bottle warmer. 2,834,566, 5-13-58, Cl. 248-103.
- Bower, Warren R.: *See*—
Foerstner, George C., Moore, and Bower. 2,852,161.
- Moore, Robert E., Bower, and Strub. 2,840,434.
- Bowerman, Edwin R.: *See*—
Saubestre, Edward E., and Bowerman. 2,829,098.
- Bowerman, Edwin R., to Sylvania Electric Products Inc. Method of preparing tri-color fluorescent screens. 2,854,348, 9-30-58, Cl. 117-13.
- Bowerman, Edwin R., and E. B. Saubestre, to Sylvania Electric Products Inc. Electropolishing of molybdenum. 2,829,097, 4-1-58, Cl. 204-140.5.
- Bowerman, Edwin R., and E. B. Saubestre, to Sylvania Electric Products Inc. Electropolishing of zirconium and zirconium alloys. 2,851,406, 9-9-58, Cl. 204-140.5.
- Bowerman, Hulie E. Swab cups. 2,852,323, 9-16-58, Cl. 309-33.
- Bowerman, Hulie E. Well swab cups. 2,862,776, 12-2-58, Cl. 309-33.
- Bowerman, William M. Feeder for young poultry. 2,832,312, 4-29-58, Cl. 119-61.
- Bowers, Claude E., to Bowers Mfg. Co. Inc. Apparatus and method for removing scrap from dies and boxes. 2,827,168, 3-18-58, Cl. 209-215.
- Bowers, Fritz K., to Bell Telephone Laboratories, Inc. Self-contained antenna-radio system in which a split conductive container forms a dipole antenna. 2,828,413, 3-25-58, Cl. 250-20.
- Bowers, James B.: *See*—
Benghiat, Isaac, Bowers, Lukes, and Giolito. 2,863,803.
- Bowers, John C.: *See*—
Chase, Richard R., and Bowers. 2,866,781.
- Bowers, Joseph H. Window stop. 2,858,158, 10-28-58, Cl. 292-275.
- Bowers Mfg. Co. Inc.: *See*—
Bowers, Claude E. 2,827,168.
- Bowers, Rolland G., to Sun Oil Co. Treatment of petroleum hydrocarbons. 2,828,247, 3-25-58, Cl. 196-29.
- Bowers, Rolland G., to Sun Oil Co. Sweetening petroleum hydrocarbons with N,N'-dialkylphenylene diamine and oxygen in the presence of refinery slop oil. 2,853,431, 9-23-58, Cl. 196-29.
- Bowers, Rolland G., and E. F. Mohler, Jr., to Sun Oil Co. Water treatment. 2,863,732, 12-9-58, Cl. 23-224.
- Bowers, Walter B., Co., Inc.: *See*—
Stow, Clarence E. 2,851,872.
- Bowersett, Charles F., and J. M. Wheeler. Combination fuze. 2,856,854, 10-21-58, Cl. 102-71.
- Bowersock, Warren A. School building. 2,851,739, 9-16-58, Cl. 20-1.1.
- Bowes "Seal Fast" Corp.: *See*—
Covert, Robert J. 2,838,087.
- Bowes, Thomas D. Angular motion controller for a motor. 2,860,297, 11-11-58, Cl. 318-293.
- Bowes, Urban E., to Owens-Illinois Glass Co. Glass melting furnace. 2,834,157, 5-13-58, Cl. 49-53.
- Bowes, William H., to Canadian Patents and Development Ltd. Induction clutch. 2,825,829, 3-4-58, Cl. 310-102.
- Bowie, Benjamin T. Tubular electric light changing device. 2,822,205, 2-4-58, Cl. 294-21.
- Bowie, Robert M., to Sylvania Electric Products, Inc. Cathode ray scanning systems. 2,827,591, 3-18-58, Cl. 315-13.
- Bowie, Robert M., to Sylvania Electric Products Inc. Surround-lighting structure. 2,837,734, 6-3-58, Cl. 340-369.
- Bowie, Robert M., to Sylvania Electric Products Inc. Electron discharge device. 2,847,597, 8-12-58, Cl. 313-70.
- Bowland, Andrew. Pneumatically sealed goggle valves. 2,864,407, 12-16-58, Cl. 138-94.5.
- Bowland, Charles R. Food grinder. 2,842,176, 7-8-58, Cl. 146-192.
- Bowler, Ernest H., and G. M. Wright, to National Research Council. Howling combustion warning device for jet engines. 2,845,607, 7-29-58, Cl. 340-27.
- Bowles, Robert R., Jr., and I. C. Brown, Jr., to California Research Corp. Method for controlling atmospheric pollution. 2,845,883, 7-29-58, Cl. 196-52.
- Bowles, Ronald E.: *See*—
Apstein, Maurice, Bowles, Mitchell, and Rongus. 2,846,949.
- Bowles, Ronald E., to United States of America, Army. Bullet decelerator. 2,853,008, 9-23-58, Cl. 102-65.2.
- Bowling, John W.: *See*—
Rabinow, Jacob, Andrews, and Bowling. 2,839,998.
- Bowlus, Omer E., and K. A. Graham, to Chrysler Corp. Condenser discharge high frequency ignition system. 2,819,428, 1-7-58, Cl. 315-213.
- Bowman, Alfred W. Ignition system. 2,825,769, 3-4-58, Cl. 200-27.
- Bowman, Anna H.: *See*—
Bowman, Samuel G. 2,861,146.
- Bowman, Brice M., and J. W. Rieke, to Bell Telephone Laboratories, Inc. Polarizing circuit for television signals or the like. 2,820,181, 1-14-58, Cl. 317-8.
- Bowman, Clarence L.: *See*—
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- Bowman, Donald C., to Sinclair Oil & Gas Co. Apparatus for simultaneous visual reproduction of a plurality of recorded transients. 2,845,615, 7-29-58, Cl. 340-324.
- Bowman, Ellen K. Fowl carcass supporting means. 2,846,942, 8-12-58, Cl. 99-427.
- Bowman, Forest C.: *See*—
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- Bowman, Francis. Apparatus for removing paste from framed plates. 2,852,790, 9-23-58, Cl. 15-77.
- Bowman, Fred E., and E. L. Reed, to United States of America, Atomic Energy Commission. Method of bonding zirconium. 2,850,798, 9-9-58, Cl. 29-482.
- Bowman, Glade B.: *See*—
Hammond, Milton B., and Bowman. 2,833,708.
- Bowman, Howard J., and E. W. Williams, to Trent Tube Co. Welding method and apparatus. 2,844,705, 7-22-58, Cl. 219-61.
- Bowman, Hyman D. Fire extinguishers. 2,824,614, 2-25-58, Cl. 169-26.

- Bowman, Irwin C. Color selector. 2,858,624, 11-4-58, Cl. 35-28.3.
- Bowman, Lewis W.: *See*—
Leary, Robert F., Bowman, and Hawley. 2,860,112.
- Bowman, Paul F., to Continental Paper Co. Carton opening device. 2,852,988, 9-23-58, Cl. 93-51.
- Bowman, Robert S., A. C. Dubbs, and J. F. Hedenburg, to Gulf Research & Development Co. Purification of bisphenols. 2,829,175, 4-1-58, Cl. 260-619.
- Bowman, Robert W., and J. A. Neigel, to Specialties Development Corp. Aspirating apparatus. 2,866,593, 12-30-58, Cl. 230-95.
- Bowman, Samuel G., 1/2 each to A. H. Bowman and J. M. Guthrie. Pipe organ relay. 2,861,146, 11-18-58, Cl. 200-104.
- Bowman, Spencer, to Westinghouse Air Brake Co. Hydraulic remote control. 2,861,593, 11-25-58, Cl. 137-624.
- Bowman, Victor C. Potato cutting machine. 2,850,062, 9-2-58, Cl. 146-78.
- Bowman, Wade V. Tape let-off locating and tensioning device. 2,824,705, 2-25-58, Cl. 242-75.4.
- Bowman, Wade V., and H. G. Bell; said Bell assor. to Adams-Millis Corp. Method of finishing knitted articles. 2,838,217, 6-10-58, Cl. 223-60.
- Bowman, Wade V., and F. H. Houck. Hosiery form inserting apparatus and method. 2,857,085, 10-21-58, Cl. 223-1.
- Bowman, Walker H., and W. W. Twaddle, to Standard Oil Co. Styrene production. 2,851,502, 9-9-58, Cl. 260-669.
- Bowman-Manifold, Michael: *See*—
Cork, Edward C., and Bowman-Manifold. 2,862,293.
- Bowmer, Henry L.: *See*—
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- Bown, Delos E., to Esso Research and Engineering Co. Crystallization of paramethyl aromatic compounds employing carbon tetrachloride for further recovery of paramethyl compound. 2,847,486, 8-12-58, Cl. 260-674.
- Bown, Delos E., and F. W. Lampe, to Esso Research and Engineering Co. Titanium tetrachloride reduction process. 2,859,162, 11-4-58, Cl. 204-157.
- Bowne, M. S.: *See*—
Webb, Cecil E. 2,822,599.
- Bowns, Desmond E.: *See*—
Ballantyne, David H., Davies, and Bowns. 2,855,751.
- Bowser, Inc.: *See*—
Daley, Roger J. 2,849,155.
Pressler, Ralph B., and Walker. 2,849,014.
- Bowser Parking System, Inc. The: *See*—
Bowser, Virgil C. 2,863,529.
- Bowser, Phillip C.: *See*—
Olley, Maurice, and Bowser. 2,864,573.
- Bowser, Phillip C., and M. Olley, to General Motors Corp. Vibration damper. 2,854,100, 9-30-58, Cl. 188-103.
- Bowser, Virgil C., to The Bowser Parking System, Inc. Elevator gate. 2,863,529, 12-9-58, Cl. 187-60.
- Box, Gerrit K.: *See*—
Bouwens, Albert, and Box. 2,830,494.
- Box, Harold C., and L. S. Packer, to the United States of America as represented by the Secretary of the Navy. Vortex tube free air thermometer. 2,826,070, 3-11-58, Cl. 73-349.
- Box, William E., and J. T. Claridge, to Electromagnets Ltd. Magnetic separators. 2,841,285, 7-1-58, Cl. 209-223.
- Boxer, Moses F. Hair clasp. 2,857,918, 10-28-58, Cl. 132-46.
- Boxler, John A.: *See*—
Busse, Warren F., and Boxler. 2,838,437.
- Boxmakers, Inc.: *See*—
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- Boxman, Pieter: *See*—
Becking, Augustus G. T., Blom, and Boxman. 2,864,903.
- Boy, Paolo. Joints for absorbing the hammering effect of railroad and streetcar line rails. 2,843,326, 7-15-58, Cl. 238-219.
- Boy, Ralph E., Jr.: *See*—
Schulken, Roger M., Jr., and Boy. 2,835,647.
- Boyajian, Misak K. Combination folding picnic and game table and carrying case for folding chairs and other appliances. 2,827,352, 3-18-58, Cl. 311-90.
- Boyan, Edwin A., and F. C. Geiler, to Industrial Analyzer Corp. Recording apparatus. 2,839,256, 6-17-58, Cl. 242-56.
- Boyar-Schultz Corp.: *See*—
Bunnell, William S. 2,823,762.
Bunnell, William S. 2,851,996.
- Boyce, Frank. Safety locking device for a punch press or the like. 2,826,286, 3-11-58, Cl. 192-130.
- Boyce, Fred W., and L. D. Moeller. Fluid motor device for operating tail gate latches. 2,856,233, 10-14-58, Cl. 298-23.
- Boyce, Guy B., to The Hydrovane Compressor Co. Ltd. Means for controlling an engine-driven gas compressor. 2,841,321, 7-1-58, Cl. 230-9.
- Boyce, Joseph, and K. Kautz, to Vitro Corp. of America. Ceramic bodies and methods for producing same. 2,862,827, 12-2-58, Cl. 106-39.
- Boyce, Joseph, and K. Kautz, to Vitro Corp. of America. Glazed ceramic bodies and methods for producing same. 2,864,711, 12-16-58, Cl. 106-39.
- Boyce, Joseph F., and H. M. Reichhold, to United States Steel Corp. Nickel-free, low-alloy, high-strength steel. 2,858,206, 10-28-58, Cl. 75-126.
- Boyce, Reginald D. Adhesive repair patches. 2,833,327, 5-6-58, Cl. 152-367.
- Boyce Thompson Institute for Plant Research, Inc.: *See*—
Mavrodineanu, Radu A. W. 2,823,984.
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- Boyce, William C., to Chance Vought Aircraft, Inc. Retractable fitting for release system. 2,819,033, 1-7-58, Cl. 244-137.
- Boyce, William C., to Chance Vought Aircraft Inc. High-strength light-weight quick-disconnect coupling for a linkage system. 2,863,685, 12-9-58, Cl. 287-104.
- Boyd, Bemrose, R. G. Dorsch, and G. H. Brodie, to the United States of America as represented by the Secretary of the Navy. Ion tracer airspeed indicator. 2,827,786, 3-25-58, Cl. 73-194.
- Boyd, Bruce, and M. J. Gelpi, to Westinghouse Electric Corp. Power factor compensator. 2,858,406, 10-28-58, Cl. 219-10.75.
- Boyd, Clarence H.: *See*—
Knapp, Theodore F., and Boyd. 2,843,770.
- Boyd, David M., Jr., to Universal Oil Products Co. Electric computer. 2,828,070, 3-25-58, Cl. 235-61.
- Boyd, Donald S. Apparatus for turning leaves. 2,826,842, 3-18-58, Cl. 40-104.
- Boyd, Edgar F. Apparatus for securing cargo against shifting and damage. 2,835,210, 5-20-58, Cl. 105-369.
- Boyd, George E.: *See*—
Russell, Edwin R., Adamson, Schubert, and Boyd. 2,859,093.
- Boyd, George E., to United States of America, Atomic Energy Commission. Method of separation. 2,849,282, 8-26-58, Cl. 23-14.5.
- Boyd, George E., A. W. Adamson, J. Schubert, and E. R. Russell, to United States of America, Atomic Energy Commission. Separation of plutonium from uranium and fission products. 2,855,269, 10-7-58, Cl. 23-14.5.
- Boyd, Godfrey M., to General Electric Co. Machine for manufacturing electrical insulators. 2,821,157, 1-28-58, Cl. 118-1.
- Boyd, Harold C.: *See*—
Andrew, Herbert F., Boyd, and Davies. 2,861,066.
- Boyd, Harry S. Perforating strip. 2,842,202, 7-8-58, Cl. 164-100.
- Boyd, James C.: *See*—
Rodsky, Bernard. 2,858,227.
- Boyd, John M., to Continental Can Co., Inc. Sterile concentrated milk. 2,827,381, 3-18-58, Cl. 99-184.
- Boyd, John M., and H. F. Kloc, to Continental Can Co., Inc. Apparatus for minimizing air content in canned carbonated beverages. 2,854,039, 9-30-58, Cl. 141-70.
- Boyd, Leland R. Changeable display device. 2,846,797, 8-12-58, Cl. 40-30.
- Boyd, Malcolm R., to General Electric Co. Slow-wave structures. 2,843,797, 7-15-58, Cl. 315-3.5.
- Boyd, Malcolm R., and B. D. McNary, to General Electric Co. Method of manufacturing vacuum enclosures. 2,859,571, 11-11-58, Cl. 53-4.
- Boyd, Marjorie M. Bottled milk cooler and warmer and conveying means therefor. 2,853,205, 9-23-58, Cl. 221-15.
- Boyd, Richard K., to General Dynamics Corp. Test jack testing of toll ticketing trunk circuit. 2,863,945, 12-9-58, Cl. 179-9.
- Boyd, Robert A., to Owens-Illinois Glass Co. Skylights. 2,858,734, 11-4-58, Cl. 88-59.
- Boyd, Robert L., Jr.: *See*—
Huntsinger, Charles E., and Boyd. 2,820,880.
- Boyd, Samuel N., Jr., to E. I. du Pont de Nemours and Co. Monoazo dyes. 2,821,526, 1-28-58, Cl. 260-205.
- Boyd, Will E., to Gulf Oil Corp. Well shutoff device. 2,857,003, 10-21-58, Cl. 166-63.
- Boyd, William E.: *See*—
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- Boyd, William E. Jointed fishing lure. 2,845,743, 8-5-58, Cl. 43-42.15.
- Boyden, Robert E.: *See*—
Christoff, Chris A., and Boyden. 2,833,467.
- Boyden, Robert E., P. B. Johnson, and C. A. Christoff, to Clary Corp. Calculating machine including ordinarily shiftable factor storage and value entry control devices. 2,833,466, 5-6-58, Cl. 235-60.
- Boyer, Clara M. Garment hanger units. 2,849,168, 8-26-58, Cl. 223-91.
- Boyer, Floyd J.: *See*—
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- Boyer, George W., to Consolidated Electrodynamics Corp. Tape reeling. 2,854,199, 9-30-58, Cl. 242-71.8.
- Boyer, Gerard R., to International Business Machines Corp. Electronic storage device. 2,866,895, 12-30-58, Cl. 250-27.
- Boyer, Jesse E.: *See*—
Johnson, Howard R., and Boyer. 2,824,950.
- Boyer, John L., and C. R. Marcum, to Westinghouse Electric Corp. Triple-diameter rectifier-connections. 2,825,022, 2-25-58, Cl. 321-26.

- Boyer, John L., and A. P. Colaiaco, to Westinghouse Electric Corp. Ultra high power transistor. 2,849,665, 8-26-58, Cl. 317-235.
- Boyer, Keith, and C. W. Johnstone, to United States of America, Atomic Energy Commission. Multi-channel pulse height analyzer. 2,862,105, 11-25-58, Cl. 250-27.
- Boyer, Lawson H. Rotating machine such as a centrifugal opposed pressure turbine. 2,865,599, 12-23-58, Cl. 253-101.
- Boyer, Lyndon D., and J. Q. Wood, to Phillips Petroleum Co. Carbon black recovery. 2,835,562, 5-20-58, Cl. 23-314.
- Boyer, Marshall U.: See—
Goodnight, Austin G. 2,860,320.
- Boyer, Ralph K., to The Dill Mfg. Co. Tubeless tire valves for trucks and the like. 2,835,305, 5-20-58, Cl. 152-427.
- Boyer, Ralph K., to The Dill Mfg. Co. Valve stem for tubeless tires. 2,836,217, 5-27-58, Cl. 152-427.
- Boyer, Raymond J., and C. L. Marquez, Jr., to The Babcock & Wilcox Co. Fluid cooled furnace. 2,836,155, 5-27-58, Cl. 122-235.
- Boyer, Robert O., to Western Precipitation Corp. Process for production and separation of sodium sulfide and sodium carbonate from spent liquors. 2,862,887, 12-2-58, Cl. 252-183.
- Boyer, Thomas J., to Ford Motor Co. Alternator electric system. 2,838,726, 6-10-58, Cl. 320-59.
- Boyer, Thomas J., to Ford Motor Co. Alternator electric system. 2,838,727, 6-10-58, Cl. 320-59.
- Boyer, Thomas W., J. G. MacHutchin, and L. Yaffe, to United States of America, Atomic Energy Commission. Treatment of ammonium nitrate solutions. 2,838,368, 6-10-58, Cl. 23-145.
- Boyer, William P., and J. R. Mangham, to Virginia-Carolina Chemical Corp. Aliphatic aryl phosphites. 2,866,807, 12-30-58, Cl. 260-461.
- Boyer, Yvon: See—
Pernollet, Jean, and Boyer. 2,865,213.
- Boyers, John S., to Midwest Instruments, Inc. Mass demagnetizing device for magnetic recording media. 2,848,660, 8-19-58, Cl. 317-157.5.
- Boyes, Gordon, and C. A. Wilson. Log binder release. 2,821,003, 1-28-58, Cl. 24-230.
- Boyet, Howard, and S. Weisbaum, to Bell Telephone Laboratories, Inc. Field displacement isolator. 2,834,945, 5-13-58, Cl. 333-81.
- Boykin, John R., to Westinghouse Electric Corp. Electronic speed controlling apparatus. 2,831,632, 4-22-58, Cl. 235-61.
- Boykin, Robert O.: See—
Osborne, Raymond G., Jr., and Boykin. 2,828,016.
- Boylan, Frank V., to Marine Controls Laboratories. Ring inserts for dip tubes. 2,842,163, 7-8-58, Cl. 138-47.
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- Boyle, Farnham F., to Ritepoint Pen and Pencil Co. Writing instrument. 2,833,251, 5-6-58, Cl. 120-14.5.
- Boyle, Francis A.: See—
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- Boyle, Homer G., to Aveco Mfg. Corp. Circuits for producing non-linear voltages. 2,854,622, 9-30-58, Cl. 323-74.
- Boyle, Homer G., R. W. Bradmiller, C. J. Parker, and A. E. Plogstedt, to Aveco Mfg. Corp. Transistorized servo positioner system. 2,846,630, 8-5-58, Cl. 318-28.
- Boyle, Horace H. Dental prosthetic appliances. 2,840,911, 7-1-58, Cl. 32-32.
- Boyle, James M.: See—
Brugmann, William H., Jr., and Boyle. 2,848,444.
- Boyle, John A.: See—
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- Boyle, John R. and J. R., Jr. Heat exchange device. 2,859,946, 11-11-58, Cl. 257-37.
- Boyle, John R., and R. W. T. Olson. Humidifier. 2,860,228, 11-11-58, Cl. 219-39.
- Boyle, John R., Jr.: See—
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- Boyle, Lawrence J. Chock. 2,818,940, 1-7-58, Cl. 188-32.
- Boyle Machine & Supply Co., Inc.: See—
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- Boyle, Richard J.: See—
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- Boyle, Thomas C., to the United States of America as represented by the Secretary of the Navy. Exercise head for torpedoes or other underwater, surface or air missiles, ships or craft. 2,824,537, 2-25-58, Cl. 114-20.
- Boyle, Willard S., and J. L. Smith, to Bell Telephone Laboratories, Inc. Low voltage arc welding circuit for use with percussion hand welder. 2,836,703, 5-27-58, Cl. 219-95.
- Boyle, Willard S., and J. L. Smith, to Bell Telephone Laboratories, Inc. Velocity measurement of relay contacts. 2,864,054, 12-9-58, Cl. 324-28.
- Boynton, Donald E., and S. F. Diekmann, to Hercules Powder Co. Countercurrent contacting apparatus. 2,845,936, 8-5-58, Cl. 134-60.
- Boynton, Erwin R., to General Electric Co. Shaft bearing lubrication means. 2,835,437, 5-20-58, Cl. 230-207.
- Boynton, Frederick: See—
Brelsford, Harry E. 2,827,800.
- Boynton, Harry G., and J. T. Horeczy, to Esso Research and Engineering Co. Hydrolysis of ethyl chloride in light hydrocarbons. 2,832,811, 4-29-58, Cl. 260-676.
- Boynton, Harry G., and J. T. Horeczy, to Esso Research and Engineering Co. Isomerization and alkylation of hydrocarbons. 2,847,488, 8-12-58, Cl. 260-683.53.
- Boynton, Harry G., E. W. Lewis, and A. T. Watson, to Esso Research and Engineering Co. Apparatus for photochemical reactions. 2,848,623, 8-19-58, Cl. 250-47.
- Boysel, Edward J.: See—
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- Boysen, Albert P., Jr., and L. E. Krebs, to Bell Telephone Laboratories, Inc. Vibratory signaling device. 2,854,542, 9-30-58, Cl. 200-87.
- Boysen, Martin C. Land vehicle wheel flap. 2,865,655, 12-23-58, Cl. 280-154.5.
- Bozeman, Virgil F., K. B. Sorensen, C. S. Morrison, and B. E. Kent, to Deere & Co. Rotatable sorting table for beet harvesters. 2,842,265, 7-8-58, Cl. 209-124.
- Bozer, Keith B.: See—
Rickert, Herbert B., Bozer, Montgomery, and Duke. 2,826,515.
- Bozzacco, Francis A.: See—
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- Braak, Dirk J., to North American Philips Co., Inc. Selective calling wireless transmission system. 2,851,591, 9-9-58, Cl. 250-6.
- Braal, Eman, B. W. Henriksen, E. B. Morgan, B. J. Oom, and C. L. Paul, to American Seating Co. Metal banded top for a desk or the like. 2,851,323, 9-9-58, Cl. 311-107.
- Braaten, Orvar: See—
Sem, Mathias O. and Braaten. 2,857,444.
- Braaten, Willard C., A. G. Debus, and G. A. Bauer, to Abbott Laboratories. Preparation of bis-dioloweralkylaminoalkyl loweralkyl dicarboxylates. 2,858,329, 10-28-58, Cl. 260-485.
- Braatz, Clarence W.: See—
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- Brabender, Carl W., to Pillsbury Mills, Inc. Moisture content of materials determining apparatus. 2,832,215, 4-29-58, Cl. 73-76.
- Brabender, Carl W., and E. J. Renner, to Pillsbury Mills, Inc. Beam-conveyor for continuous weighing of flowable solids. 2,857,151, 10-21-58, Cl. 265-28.
- Bracco, Dr. Fulvio: See—
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- Brace, Edward C. Key lever and type bar assemblies of typewriters and like machines. 2,818,957, 1-7-58, Cl. 197-27.
- Brace, George A., to The Hoover Co. Filter assemblies. 2,829,734, 4-8-58, Cl. 183-51.
- Brace, George A., to The Hoover Co. Rectangular filter bags. 2,832,433, 4-29-58, Cl. 183-51.
- Brace, George A., to The Hoover Co. Nap flicker type suction cleaning nozzle. 2,846,711, 8-12-58, Cl. 15-359.
- Brace, George A., to The Hoover Co. Disposable filter bag for suction cleaners. 2,864,462, 12-16-58, Cl. 183-51.
- Brace, Neal O., to E. I. du Pont de Nemours and Co. Fluorinated hemiacetals. 2,842,601, 7-8-58, Cl. 260-615.
- Brace, Robert L., and R. M. Schirmer, to Phillips Petroleum Co. Method for testing fuels. 2,845,334, 7-29-58, Cl. 23-230.
- Bracey, Fred J., to Package Machinery Co. Automatic packaging machine. 2,837,883, 6-10-58, Cl. 53-182.
- Bracey, William E., to McGraw-Edison Co. Expulsion fuse construction. 2,836,681, 5-27-58, Cl. 200-114.
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- Brackett, Clarence H. Calf-roping amusement device. 2,819,900, 1-14-58, Cl. 273-1.
- Brackett, Clifford R. Beverage bottle container. 2,830,729, 4-15-58, Cl. 220-21.
- Brackmann, William J., to United Aircraft Corp. Infrared radiation detection system. 2,848,626, 8-19-58, Cl. 250-83.3.
- Brackney, Howard W., to United States of America, Atomic Energy Commission. Electrical regulating apparatus including an ionic current regulator. 2,847,635, 8-12-58, Cl. 323-20.
- Braconier, Frederic F. A., and A. H. A. Delsemme, to Societe Belge de L'Azote et des Produits Chimiques du Marly. Process for the pyrolysis of hydrocarbons to acetylene. 2,822,411, 2-4-58, Cl. 260-679.
- Braconier, Frederic F. A., and H. Le Bihan, to Societe Belge de L'Azote et des Produits Chimiques du Marly. Process for preparation of fatty alcohols. 2,844,633, 7-22-58, Cl. 260-638.
- Braconier, Frederic F. A., and J. J. L. E. Riga, to Societe Belge de L'Azote et des Produits Chimiques Du Marly, Societe Anonyme. Process for the concentration and purification of acetylene in gases formed in the pyrolysis of hydrocarbons. 2,856,258, 10-14-58, Cl. 23-3.
- Bradburn, William J., Jr.: See—
Hansen, Hans R. A., and Bradburn. 2,831,133.
- Hansen, Hans R. A., and Bradburn. 2,862,174.
- Osborn, Marvin W., Bradburn, and Hansen. 2,842,730.
- Bradburn, William J., Jr., and H. R. A. Hansen, to The Louis Allis Co. Adjustable speed drive for D. C. electric motors. 2,864,989, 12-16-58, Cl. 318-331.

- Bradbury, Edgar J., to International Harvester Co. Motor vehicle tail pipe support means. 2,842,218, 7-8-58, Cl. 180-64.
- Bradbury, James W., to J. M. Beach. Independent wheel suspension. 2,825,552, 3-4-58, Cl. 267-19.
- Bradbury, Thomas H., to Phillips Telescopic Taps Ltd. Taps. 2,851,202, 9-9-58, Cl. 222-505.
- Bradbury, Wilburn F. Fishing line and lure retrievers. 2,828,570, 4-1-58, Cl. 43-17.2.
- Braddock, Robert L. Weed-free fence. 2,856,159, 10-14-58, Cl. 256-32.
- Braddon, Frederick D., to Sperry Rand Corp. Liquid floated gyroscopic apparatus. 2,854,850, 10-7-58, Cl. 74-5.
- Bradfield, Gilbert L. Portable selective type hopper and trough feeder. 2,842,096, 7-8-58, Cl. 119-52.
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- Bradford, Purdy, to Swift & Co. Method and apparatus for atmospheric conditioning. 2,834,188, 5-13-58, Cl. 62-6.
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- Bradford, William J., Jr., and B. C. Schrottenboer, to W. J. Bradford Paper Co., Means for making paper box blanks in multiples. 2,851,933, 9-16-58, Cl. 93-58.3.
- Bradley, Addison B., Jr., to Whirlpool Corp. Pivotal handle connection for a vacuum cleaner. 2,851,313, 9-9-58, Cl. 306-13.
- Bradley, Cecil A. Coat hanger. 2,827,211, 3-18-58, Cl. 223-89.
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- Bradley Container Corp.: See—
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- Bradley, Earl R. Display and preserving device for cut flowers and plants. 2,826,864, 3-18-58, Cl. 47-41.
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- Bradley, Harris W., and P. Kovacic, to E. I. du Pont de Nemours and Co. Bis-thioamide vulcanization accelerators. 2,852,498, 9-16-58, Cl. 260-79.5.
- Bradley, James P., and R. R. Dohrmann, to General Motors Corp. Refractory mold, method of making same and composition therefor. 2,818,619, 1-7-58, Cl. 22-193.
- Bradley, John R., to Kontak Mfg. Co. Ltd. Pumps for metering liquids. 2,827,853, 3-25-58, Cl. 103-37.
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- Pottern, Alvin R. 2,833,081.
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- Vasikonis, John W., and Bradley. 2,823,573.
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- Bradley, Robert O., to Toledo Scale Corp. Hydraulic scale rectangular stabilizing frame. 2,835,484, 5-20-58, Cl. 265-71.
- Bradley, Robert O., and B. E. Robinson, to Toledo Scale Corp. Printing plate and holder therefor. 2,839,995, 6-24-58, Cl. 101-378.
- Bradley, Robert O., and C. H. Maurice, Jr., to Toledo Scale Corp. Hanger shaft for unit weights. 2,864,606, 12-16-58, Cl. 265-60.
- Bradley, Robert W., to United Shoe Machinery Corp. Electronic controls for cutting machines. 2,821,670, 1-28-58, Cl. 317-142.
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- Bradley, Russell G., and F. W. Crawford, to Phillips Petroleum Co. Radiological examination of hollow articles. 2,859,349, 11-4-58, Cl. 250-53.
- Bradley Washfountain Co.: See—
- Mullett, Howard G. 2,836,080.
- Bradley, William E.: See—
- Better, Ralph H., Bradley, and Rubinoff. 2,840,801.
- Bradley, William E., to Philco Corp. Method of and means for measuring frequency. 2,820,944, 1-21-58, Cl. 324-0.5.
- Bradley, William E., to Philco Corp. Semiconductor device. 2,846,346, 8-5-58, Cl. 148-33.
- Bradley, William E., to Philco Corp. Cathode ray tube systems. 2,858,364, 10-28-58, Cl. 178-5.4.
- Bradley, William E., to Philco Corp. Color television system. 2,862,998, 12-2-58, Cl. 178-5.2.
- Bradmill, Richard W.: See—
- Bopp, Calvin C., and Bradmill. 2,841,703.
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- Bradshaw, Kenneth A. Fishing line reel. 2,842,322, 7-8-58, Cl. 242-84.1.
- Bradshaw, Robert. Rational speed synchronizing switch. 2,834,808, 5-13-58, Cl. 200-61.46.
- Bradshaw, Robert S., and D. R. E. Stromback, to Burroughs Corp. Differential type setting and resetting means. 2,822,752, 2-11-58, Cl. 101-93.
- Bradshaw, Stanley E., and A. I. Mavsky, to The General Electric Co. Ltd. Preparation of single crystals of silicon. 2,851,342, 9-9-58, Cl. 23-301.
- Bradshaw, Wilbert C., Jr. Coated article. 2,839,427, 6-17-58, Cl. 117-131.
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- Allen, Lyman H., Jr., James, and Bradshaw. 2,836,589.
- Bradshaw, William H., A. H. Lynch, and E. H. Shaw, to Celanese Corp. of America. Alkali cellulose aging. 2,858,304, 10-28-58, Cl. 260-233.
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- Brady, Bryce. Method of testing the soundness of wooden poles. 2,854,847, 10-7-58, Cl. 73-100.
- Brady, Charles V., to Bemis Bros. Bag Co. Bag. 2,819,834, 1-14-58, Cl. 229-53.
- Brady, Charles V., and R. J. Williams, to Bemis Bro. Bag Co. Apparatus for and method of making bags. 2,857,826, 10-28-58, Cl. 93-20.
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- Koenecke, Donald F., and Brady. 2,842,452.
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- Edgerly, Charles R., and Brady. 2,843,428.
- Brady, Samuel G., to The Gear Grinding Machine Co. Trimming mechanism for form grinders. 2,826,188, 3-11-58, Cl. 125-11.
- Brady, Thomas W., to The British Thomson-Houston Co. Ltd. Control system for resistance welding apparatus. 2,859,339, 11-4-58, Cl. 250-27.
- Brady, William J. Ceiling painting device. 2,820,978, 1-28-58, Cl. 15-132.5.
- Braedl, Josef, and A. Weigl. Tool for installing packing. 2,826,949, 3-18-58, Cl. 81-8.1.
- Braeutigam, Edna-Jean: See—
- Houdek, Joseph F., Jr., and Braeutigam. 2,866,965.
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- Macey, Eugene W., and Brager. 2,830,690.
- Bragg, Clyde L.: See—
- Paterson, Laurene O., and Bragg. 2,848,113.
- Bragg, Robert M. Safety flow valve. 2,834,377, 5-13-58, Cl. 137-630.14.
- Brahm, Charles B., to United Aircraft Corp. Variable sensitivity speed circuit for variable pitch propellers. 2,849,072, 8-26-58, Cl. 170-160.2.
- Brahm, Charles B., to United Aircraft Corp. Flow control means for an aircraft air conditioning system. 2,854,913, 10-7-58, Cl. 98-1.5.
- Braibanti, Giuseppe: See—
- Braibanti, Mario and G. 2,838,011.
- Braibanti, Mario and G. 2,844,110.
- Braibanti, Mario and G. 2,857,860.
- Braibanti, Mario and G. Device for locking the extruding die on the head of an extruding press for doughy materials. 2,838,011, 6-10-58, Cl. 107-14.
- Braibanti, Mario and G. Device for rapidly and easily interchanging the drawplate in automatic presses for soft materials, particularly for alimentary paste. 2,844,110, 7-22-58, Cl. 107-14.
- Braibanti, Mario and G. Automatic machine for the continuous production of alimentary pastes. 2,857,860, 10-28-58, Cl. 107-31.
- Braicks, Johan W., to North American Phillips Co., Inc. Trigger control-circuit arrangement. 2,831,127, 4-15-58, Cl. 307-88.5.
- Braid, Milton, and F. E. Lawlor, to Pennsalt Chemicals Corp. Preparation of perfluoroaldehydes and aldehydrols. 2,852,569, 9-16-58, Cl. 260-633.
- Brailsford, Harrison D. Indicator coupling apparatus. 2,828,483, 3-25-58, Cl. 340-378.
- Brailsford, Harrison D. Adjustable timing cam. 2,857,784, 10-28-58, Cl. 74-568.
- Braithwaite, Charles H., Jr.: See—
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- Braley, Orville A., to Dow Corning Corp. Methylphenylsiloxane composition containing an oxide of more than divalent lead. 2,855,378, 10-7-58, Cl. 260-37.

- Bramblett, John J., to Ben Pearson, Inc. Drive means for cotton picking spindles. 2,842,928, 7-15-58, Cl. 56-42.
- Bramblett, John J., to Ben Pearson, Inc. Cotton picking spindle means. 2,844,932, 7-29-58, Cl. 56-50.
- Bramblett, John J., to Ben Pearson, Inc. Cotton picking means. 2,846,837, 8-12-58, Cl. 56-42.
- Brame, Allen J., to The Plomb Tool Co. Spanner wrench for tubing unions. 2,830,480, 4-15-58, Cl. 81-90.
- Bramfitt, Thomas A.: *See*—
- Donaldson, Harry C., Jr., and Bramfitt. 2,819,696.
- Bramham, Peter: *See*—
- Chippendale, Thomas R., and Bramham. 2,854,638.
- Bramhill, Percy W. Cigarette packages. 2,820,545, 1-21-58, Cl. 206-41.
- Bramley, Jenny, to Allen B. Du Mont Laboratories, Inc. Post-acceleration cathode ray tube. 2,827,592, 3-18-58, Cl. 315-14.
- Bramming, Carl, to Aladdin Industries, Inc. Vacuum bottle. 2,832,491, 4-29-58, Cl. 215-13.
- Bramming, Carl, to Aladdin Industries, Inc. Vacuum bottle having pouring lip. 2,832,492, 4-29-58, Cl. 215-13.
- Bramming, Carl, to Aladdin Industries, Inc. Fuel feeding apparatus for pressure burners. 2,838,292, 6-10-58, Cl. 261-19.
- Bramming, Carl, to Aladdin Industries, Inc. Gasket for vacuum bottles. 2,846,104, 8-5-58, Cl. 215-13.
- Bramming, Carl, to Aladdin Industries, Inc. Vacuum-bottle seal. 2,846,105, 8-5-58, Cl. 215-13.
- Bramming, Carl, to Aladdin Industries, Inc. Vacuum bottle with handle. 2,855,120, 10-7-58, Cl. 215-13.
- Bramson, Joseph H., and L. S. Sinykin. Cushioning device. 2,865,435, 12-23-58, Cl. 155-179.
- Branaccio, Silvere. Expanding and retracting hair curler. 2,853,080, 9-23-58, Cl. 132-42.
- Branaccio, Silvere. Expanding and contracting hair curler. 2,853,081, 9-23-58, Cl. 132-42.
- Branaccio, Silvere, and W. C. Smith. Expandable permanent wave rod. 2,860,645, 11-18-58, Cl. 132-42.
- Brancato, Frank: *See*—
- Kish, Joseph, and Brancato. 2,821,974.
- Brancato, Leo J., to Heli-Coil Corp. Inserting tool for push-in inserts. 2,839,823, 6-24-58, Cl. 29-275.
- Branch, Garland M., to General Electric Co. Traveling wave tube. 2,824,257, 2-18-58, Cl. 315-3.6.
- Branch, Gilbert T. Pneumatic tire traction aid. 2,856,979, 10-21-58, Cl. 152-174.
- Branch, Maurice C., to International Standard Electric Corp. Variable impedance circuit. 2,840,702, 6-24-58, Cl. 250-27.
- Branch, Sidney J., to The Distillers Co. Ltd. Preparation of dehydroacetic acid. 2,849,456, 8-26-58, Cl. 260-343.5.
- Branch, William C.: *See*—
- Booth, Jack J., and Branch. 2,842,400.
- Brand, Arthur, III: *See*—
- Beaumont, Albert E., Brand, and Wysoczanski. 2,822,088.
- Brand, Benson G.: *See*—
- Johnston, Herbert N., Brand, and Lincoln. 2,840,138.
- Brand, Frank A., H. Jacobs, and A. P. Ramsa, to United States of America, Army. Formation of junction in semiconductor. 2,854,362, 9-30-58, Cl. 148-1.5.
- Brand, Glen, to Lion Products Co. Vehicle power-steering mechanism. 2,827,975, 3-25-58, Cl. 180-79.2.
- Brand, Glen, to Lion Products Co. Vehicle power-steering attachment. 2,827,976, 3-25-58, Cl. 180-79.2.
- Brand, Karl, to Schafer Industrie-Gesellschaft Schweinfurt m. b. H. Filler member retaining means for wheel brake cylinders. 2,836,961, 6-3-58, Cl. 60-54.6.
- Brand, Loman D. Automobile bed. 2,826,764, 3-18-58, Cl. 5-175.
- Brandano, Benny. Baby tender. 2,835,249, 5-20-58, Cl. 128-134.
- Brandeis, Harold. Rotary switch covers for lamps. 2,862,085, 11-25-58, Cl. 200-168.
- Brandenburg, Edwin H. Magnetic chucks. 2,861,224, 11-18-58, Cl. 317-163.
- Brandenthaler, Anthony: *See*—
- Gyllenberg, John L. 2,834,385.
- Gyllenberg, John L. 2,848,022.
- Brandes, Ernest E. Toggle type holding device. 2,844,234, 7-22-58, Cl. 189-36.
- Brandes, Raymond G.: *See*—
- Becker, Joseph A., Brandes. 2,827,257.
- Brandes, Roy H., to General Motors Corp. Propeller mechanism with means to vary the pitch change rate. 2,850,105, 9-2-58, Cl. 170-160.21.
- Brandi, Karl, and W. Rosler, to Gewerkschaft Eisenhuette Westfalia. Mining planer for use in a gallery traversed by a fault. 2,848,204, 8-19-58, Cl. 262-8.
- Brandi, Wilhelm. Household appliance for the preparation of hot beverages. 2,846,938, 8-12-58, Cl. 99-281.
- Brandl, Willi. Temperature-controlled heating element. 2,850,611, 9-2-58, Cl. 219-20.
- Brandler, Abraham B., to Royal Switchboard Co., Inc. Electrical switch. 2,829,223, 4-1-58, Cl. 200-170.
- Brandler, Morris D., and A. G. Wery, to M. D. Brandler, N. M. Grossberg, and S. Klein. Steam iron. 2,853,814, 9-30-58, Cl. 38-77.
- Brandon, Arthur E. Sled. 2,841,406, 7-1-58, Cl. 280-12.
- Brandon, Carl, and Chester, to Elevator Construction & Service Co. Closure control mechanism. 2,853,158, 9-23-58, Cl. 187-48.
- Brandon, Chester: *See*—
- Brandon, Carl, and Chester. 2,853,158.
- Brandon, Chester, to Librascope, Inc. Flux type sensing element. 2,837,277, 6-3-58, Cl. 235-61.
- Brandon, Clarence W., 5% to H. B. Jacobson, 50% to N. A. Hardin, H. H. Wright, and C. H. Newton, and 12½% to O. B. Brandon. Apparatus for treating oil bearing formations. 2,866,509, 12-30-58, Cl. 166-177.
- Brandon, Joseph J., to Coach and Car Equipment Corp. Adjustable head roll for seat structure. 2,839,125, 6-17-58, Cl. 155-177.
- Brandon, Orpha B.: *See*—
- Brandon, Clarence W. 2,866,509.
- Brandon, Percy S.: *See*—
- Wright, Peter M., and Brandon. 2,841,758.
- Brandon, Ruth P. Diaper construction. 2,826,199, 3-11-58, Cl. 128-284.
- Brandon, Thomas O., to A. G. Spalding & Bros., Inc. Matched golf clubs. 2,822,174, 2-4-58, Cl. 273-80.
- Brandon, Thomas O. Golf swing-conditioner. 2,848,234, 8-19-58, Cl. 273-35.
- Brands, George B. Protector for highway markings. 2,864,331, 12-16-58, Cl. 116-63.
- Brandstadter, Jack M., to Bendix Aviation Corp. Transfer valve. 2,835,265, 5-20-58, Cl. 137-82.
- Brandstätter, Wilhelm. Rose engine. 2,859,658, 11-11-58, Cl. 90-16.
- Brandstrom, Arne E., N. S. Hjelte, and O. Martensson, to Aktiebolaget Pharmacia. Alpha-aryl, alpha(2-pyridyl) butyryl amides and process of preparation. 2,841,589, 7-1-58, Cl. 260-294.
- Brandt, Armand, to Akt. Brown, Boveri & Cie. Device for rapid voltage regulation in contact converters provided with switching coils. 2,866,149, 12-23-58, Cl. 321-48.
- Brandt Automatic Cashier Co.: *See*—
- Buchholz, Arnold R. 2,835,260.
- Buchholz, Arnold R. 2,838,151.
- Buchholz, Arnold R. 2,848,005.
- Buchholz, Arnold R., and Haban. 2,857,920.
- Buchholz, Arnold R., and Haban. 2,861,580.
- Buchholz, Arnold R., and Haban. 2,866,469.
- Buchholz, Arnold R., and Sprenger. 2,864,385.
- Brandt, David E., Jr., D. R. Fraser, and F. D. Seaman, to United States of America, Navy. Reduction of rotating tip clearance using segmented wear strips. 2,840,343, 6-24-58, Cl. 253-77.
- Brandt, Gotlieb H., and W. H. Martin, to Harris-Intertype Corp. Fog generating device in lithographic printing machines. 2,853,941, 9-30-58, Cl. 101-147.
- Brandt, John E., H. J. Kelly, and J. J. Burns, to Mobile Incinerators, Inc. Mobile incinerators. 2,862,462, 12-2-58, Cl. 110-8.
- Brandt, Robert J. Photographic illuminating means. 2,831,104, 4-15-58, Cl. 240-1.3.
- Brandt, Robert J. Clamp and switch for high power incandescent lamps. 2,859,291, 11-4-58, Cl. 200-51.
- Brandt, William H., and E. H. Martin. Grease gun conversion unit. 2,844,287, 7-22-58, Cl. 222-326.
- Branford Co., The: *See*—
- Kinsman, Russell C. 2,862,475.
- Branick, Charles E. Fluid pressure operated jack. 2,838,027, 6-10-58, Cl. 121-40.
- Brannan, Walter E. Truck side-loader. 2,843,277, 7-15-58, Cl. 214-77.
- Brannin, Richard S.: *See*—
- Burdick, Clinton D., Arthur, and Brannin. 2,864,570.
- Brannock, Kent C., and R. L. McConnell, to Eastman Kodak Co. Preparation of neutral pyrophosphate and phosphate esters. 2,865,947, 12-23-58, Cl. 260-461.
- Brannon, Roland L., to W. A. Sheaffer Pen Co. Writing instrument. 2,831,460, 4-22-58, Cl. 120-47.
- Brannstrom, Arnold J., and D. W. Husman, to J. I. Case Co. Feeding mechanism for balers. 2,825,277, 3-4-58, Cl. 100-142.
- Branscomb, Charles E.: *See*—
- Wilson, Lawrence A., and Branscomb. 2,827,291.
- Branson, Charles D., to Robertshaw-Fulton Controls Co. Thermostats. 2,829,835, 4-8-58, Cl. 236-34.5.
- Branson, Elliott. Reversible disc plow attachment and combination. 2,833,194, 5-6-58, Cl. 97-31.
- Branson Instruments, Inc.: *See*—
- Branson, Norman G. 2,845,077.
- Branson, Norman G., to Branson Instruments, Inc. Ultrasonic cleaning apparatus. 2,845,077, 7-29-58, Cl. 134-111.
- Branson, Paul. Collapsible cot, chair, and stretcher. 2,858,879, 11-4-58, Cl. 155-47.
- Branson, Raymond J. Automatic dump valve. 2,856,949, 10-21-58, Cl. 137-172.
- Brant, Albert W.: *See*—
- Norris, Karl H., and Brant. 2,833,408.
- Brant, Bridane W. Dental impression tray. 2,860,414, 11-18-58, Cl. 32-17.
- Brant, David O. Strainer. 2,846,076, 8-5-58, Cl. 210-464.
- Brant, Martin I. Backlash eliminating nut mechanism. 2,842,007, 7-8-58, Cl. 74-441.
- Brant and Nielsen Co.: *See*—
- Koenig, William C. 2,836,013.

- Brant, Robert J. Trench digger. 2,834,125, 5-13-58, Cl. 37-97.
- Brantford Coach & Body Ltd.: See—
Sweet, Edmund G. F. 2,830,746.
- Brantingson, Sigurd, to Brin Mfg. Co., Inc. Push button switch. 2,850,601, 9-2-58, Cl. 200-159.
- Branvold, Leonard, 25% to R. L. Smock. Lead pointer. 2,851,009, 9-9-58, Cl. 120-96.
- Brasco Mfg. Co.: See—
Hartshorn, George D. 2,865,063.
- Braselmann, Ferdinand. Lifting device. 2,820,608, 1-21-58, Cl. 254-107.
- Brasile, Maurice J., and J. B. Richardson; said Richardson assor. to said Brasile. Dispensing mechanism. 2,847,145, 8-12-58, Cl. 222-67.
- Braskamp, Willem H., to N. V. Industriële Onderneming W. H. Braskamp. Steam helmet. 2,855,939, 10-14-58, Cl. 132-9.
- Braslow, Lawrence. Tourniquet. 2,861,574, 11-25-58, Cl. 128-327.
- Brass, Edward A., to Curtiss-Wright Corp. Two speed transmission supercharger drive. 2,830,472, 4-15-58, Cl. 74-764.
- Brassett Oxygen Technik A. G.: See—
König, Walter. 2,855,194.
- Brasseur, Ernest J. Apparatus for removing circumferential sealing bands from cans. 2,852,156, 9-16-58, Cl. 220-52.
- Brasseur, Eudore D., to Societe Anonyme de Constructions Electriques Charleroi. Driving mechanism for head of sound recording and reproducing apparatus. 2,847,587, 8-12-58, Cl. 310-19.
- Brastad, William A., to General Mills, Inc. Suppressor electrode for a perforated type of electrostatic separator machine. 2,847,124, 8-12-58, Cl. 209-127.
- Brastad, William A., E. R. Van Krevelen, and E. F. Diekhoff, to General Mills, Inc. Cutoff circuit for electrostatic devices. 2,821,665, 1-28-58, Cl. 317-9.
- Brastad, William A., and E. C. Gear, to General Mills, Inc. Method and apparatus for electrostatic separation. 2,848,108, 8-19-58, Cl. 209-127.
- Braten, Helen: See—
Niedermann, Sara C., and Braten. 2,850,295.
- Brater, Donald C., and J. W. Pike, to United States of America, Atomic Energy Commission. System for conversion of UF₄ to UF₆. 2,863,735, 12-9-58, Cl. 23-252.
- Bräthe, Karl R., to Aktiebolaget Bofors. Fire control means for a recoiling twin-gun. 2,819,653, 1-14-58, Cl. 89-27.
- Bratthe, Karl H., and W. Siedel, to Parke, Davis & Co. Process of preparing serines. 2,861,996, 11-25-58, Cl. 260-287.
- Bratring, Kurt, 1/2 to P. O. Tobeler, doing business under the name of Trans-Oceanic. Method for removing coatings from film base. 2,850,411, 9-2-58, Cl. 134-29.
- Bratsch, Jesse G., to Char-Gale Mfg. Co. Lock seam for sheet metal pipes. 2,866,481, 12-30-58, Cl. 138-74.
- Bratt, John: See—
Montelloni, Carl O. J. 2,866,415.
- Bratton, Alfred I., to Oxy-Catalyst, Inc. Incineration apparatus and method. 2,845,882, 8-5-58, Cl. 110-8.
- Bratz Otto J., to American Chain & Cable Co., Inc. Push-pull cable. 2,850,915, 9-9-58, Cl. 74-501.
- Brauchler, Charles A. Method of making tubular railway car axles. 2,829,431, 4-8-58, Cl. 29-535.
- Brauchler, Charles A. Method of making an inserted tooth circular saw blade. 2,830,474, 4-15-58, Cl. 76-112.
- Brauchler, Charles A. Split die and container for extrusion press. 2,860,775, 11-18-58, Cl. 207-17.
- Brauer, Clarence H., to International Harvester Co. Centering guide for machining head. 2,845,827, 8-5-58, Cl. 82-20.
- Brauer, Clarence H., O. J. Brennolt, and A. A. Didziulis, to International Harvester Co. Fatigue testing machine. 2,855,801, 10-14-58, Cl. 74-600.
- Brauer, Walter. System of raised wall construction. 2,836,054, 5-27-58, Cl. 72-5.
- Bräuer, Willi, to Langenstein & Schemann A. G. Hydraulically actuated drop hammer. 2,861,486, 11-25-58, Cl. 78-42.
- Brauer, William: See—
Patti, Thomas A. 2,830,482.
- Braumann, Gündokar, to Siemens & Halske Akt. Berlin and Munich. Plural relay-relay bar. 2,863,020, 12-2-58, Cl. 200-104.
- Braun, Aloysius J. Mixing valve. 2,837,283, 6-3-58, Cl. 236-12.
- Braun, Arthur: See—
Florea, Harold R., Baklini, and Braun. 2,863,624.
- Braun, Artur, G. Falkenbach, and H. Graichen, to Max Braun. Driving unit for mixing devices. 2,822,485, 2-4-58, Cl. 310-157.
- Braun, August J.: See—
Spinner, Isidore, and Braun. 2,840,834.
- Braun, C. F., & Co.: See—
Bason, Merrill M., Ames, and Nehls. 2,835,560,
Myers, Henry S., Jr. 2,851,396,
White, Gerald A. 2,864,772.
- Braun, Carl J.: See—
Housekeeper, Earl J., Hunter, and Braun. 2,845,247.
- Braun, Emil, to Carl Freudenberg Kommanditgesellschaft auf Aktien. Manufacture of artificial sausage casings. 2,852,812, 9-23-58, Cl. 18-57.
- Braun, George M. Valve silencers. 2,842,111, 7-8-58, Cl. 123-188.
- Braun-Goll Co.: See—
Goll, Ernest R. 2,861,709.
- Braun, Herman J.: See—
Else, Harry D., Basel, and Braun. 2,862,119.
- Braun, Herman J., to Westinghouse Electric Corp. Permanent magnet rotor. 2,836,743, 5-27-58, Cl. 310-156.
- Braun, K. J., Engineering Co., Inc., The: See—
Braun, Karl J. 2,857,001.
- Braun, Karl J., to A. Kimball Co. Tag-marking and forming machine. Re. 24,547, 10-7-58, Cl. 101-19.
- Braun, Karl J., to The K. J. Braun Engineering Co., Inc. Record controlled record reproducing machine. 2,857,001, 10-21-58, Cl. 164-114.
- Braun, Max: See—
Braun, Artur, Falkenbach, and Graichen. 2,822,485.
- Braun, Oskar: See—
Willmes, Josef, and Braun. 2,846,944.
- Braun, Oskar, to Farbwerke Hoechst Akt. vormals Meister Lucius & Brüning. Process of preparing water-insoluble coloring matters. 2,849,329, 8-26-58, Cl. 106-308.
- Braun, Ottwin L., to Reliance Steel Products Co. Water-cooled panel door. 2,822,788, 2-11-58, Cl. 122-498.
- Braun, Ottwin L., to Reliance Steel Products Co. Furnace door frame. 2,835,232, 5-20-58, Cl. 122-499.
- Braun, Paul E., to Studebaker-Packard Corp. Control for fuel injection system. 2,835,240, 5-20-58, Cl. 123-140.
- Braun, Paul E., to Ford Motor Co. High speed injection means. 2,846,990, 8-12-58, Cl. 123-139.
- Braun, Philip N. Laundry marking machine. 2,825,480, 3-4-58, Cl. 216-2.
- Braun, Philip N. Identification tags. 2,836,290, 5-27-58, Cl. 206-56.
- Braun, Philip N. Laundry marking machine. 2,849,934, 9-2-58, Cl. 93-88.
- Braun, Philip N., and G. I. Hermanson, to Philip N. Braun, Inc. Composite tape having controlled bonding and release properties. 2,835,621, 5-20-58, Cl. 154-53.5.
- Braun, Philip N., Inc.: See—
Braun, Philip N., and Hermanson. 2,835,621.
- Braun, Richard, and G. Kern, to Royal McBee Corp. Tabulator stop assembly. 2,852,120, 9-16-58, Cl. 197-70.
- Braun, Robert A., W. E. Craig, and C. Lo, to Rohm & Haas Co. Furoyl dithiocarbamates. 2,846,350, 8-5-58, Cl. 167-33.
- Braun, Wetherg & Co.: See—
Koenig, Harry D. 2,861,286.
- Braun, William H., to Carey-McFall Co. Jalousie louvre end clip. 2,860,391, 11-18-58, Cl. 20-62.
- Braun, William H., to Carey-McFall Co. Bottomrail assembly. 2,860,699, 11-18-58, Cl. 160-173.
- Braund, John J. Antenna. 2,835,893, 5-20-58, Cl. 343-895.
- Braunlich, Richard H., to American Viscose Corp. Pump tester. 2,826,067, 3-11-58, Cl. 73-168.
- Braunlich, Richard H., to American Viscose Corp. Filament clamp and tensile tester. 2,834,204, 5-13-58, Cl. 73-95.
- Braunschweig, Georges: See—
Marti, Fritz, and Braunschweig. 2,819,584.
Marti, Fritz, Braunschweig, and Schaad. 2,849,273.
Marti, Fritz, Braunschweig, and Schaad. 2,864,661.
- Braunschweigische Maschinenbauanstalt: See—
Käther, Willy. 2,819,190.
Kaether, Willy, and Musback. 2,857,907.
- Braunstein, Lee G. Negative holder and cutter. 2,833,177, 5-6-58, Cl. 88-24.
- Braunwarth, John B.: See—
Crosby, Gifford W., and Braunwarth. 2,862,028.
- Braus, Harry, and S. Schott, to National Distillers and Chemical Corp. Treatment of alcoholic liquors. 2,859,117, 11-4-58, Cl. 99-78.
- Bravard, Roy F., J. W. Mahaffey, and M. S. Nelson, to United States of America, Atomic Energy Commission. Crucible pour mechanism. 2,836,865, 6-3-58, Cl. 22-84.
- Braverman, Philip D., 1/2 to B. Hertz and 1/2 to L. Baskind. Knife. 2,854,745, 10-7-58, Cl. 30-162.
- Brawley, Price S. Ring groove measuring device. 2,823,459, 2-18-58, Cl. 33-147.
- Brawner, William D., to Le Febvre Corp. Coin and currency till. 2,860,943, 11-18-58, Cl. 312-298.
- Braxton, Ralph C.: See—
Bird, Joseph J., Comer, Miles, and Braxton. 2,841,971.
- Bray, Calvin S., to Davol Rubber Co. Mold for forming open-ended bulbs. 2,830,325, 4-15-58, Cl. 18-39.
- Bray, Frederick H.: See—
Hartley, George C., and Bray. 2,847,657.
- Bray, Frederick H., P. M. King, and J. Rice, to International Standard Electric Corp. Magnetic store for telephone meter impulses. 2,850,571, 9-2-58, Cl. 179-7.
- Bray, Frederick H., and M. A. E. Butler, to International Standard Electric Corp. Automatic telecommunication exchange system. 2,851,534, 9-9-58, Cl. 179-18.
- Bray Oil Co.: See—
Bray, Ulric B. 2,824,126.
Bray, Ulric B., and Voorhees. 2,856,278.
- Bray, Ulric B., to Bray Oil Co. Manufacture of sulfonates from petroleum oils. 2,824,126, 2-18-58, Cl. 260-504.

- Bray, Ulric B., and V. Voorhees, to Bray Oil Co. Making fertilizer-grade ammonium acid sulfate. 2,856,278, 10-14-58, Cl. 71-25.
- Brazier, Halworth T. Water-line breaker. 2,840,099, 6-24-58, Cl. 137-216.
- Brazil, Robert J. Safety attachment for automatic printing presses. 2,845,862, 8-5-58, Cl. 101-284.
- Brazzil, Maurice G.: *See—*
Parker, James R., and Brazzil. Re. 24,441.
- Breaux, Hazel I.: *See—*
Breaux, Neil T. 2,837,166.
- Breaux, Neil T., deceased; H. I. Breaux, administratrix. Well packer. 2,837,166, 6-3-58, Cl. 166-134.
- Breber, Donald L., J. M. Bruce, Jr., and G. S. Stamatoff, to E. I. du Pont de Nemours and Co. Manufacture of polyethylene of controlled molecular weight. 2,822,357, 2-4-58, Cl. 260-94.9.
- Breckenridge, Robert G.: *See—*
Forman, Ralph, and Breckenridge. 2,828,396.
- Breckwoldt, Robert G., and A. W. Hannemann. Manufacturing kit for perfume and the like. 2,822,082, 2-4-58, Cl. 206-16.
- Breadner, Jack A. Safety guard. 2,860,525, 11-18-58, Cl. 74-613.
- Bready Tractor & Implement Co.: *See—*
Masters, John H. 2,836,073.
- Breaux, Nell T. Well packer. 2,845,127, 7-29-58, Cl. 166-134.
- Breaux, Rodney J. Land leveler. 2,866,281, 12-30-58, Cl. 37-168.
- Brenzale, Francis R., to American Enka Corp. Thread guide. 2,839,887, 6-24-58, Cl. 57-106.
- Brenzale, John B., C. G. McIlwraith, and E. N. Dacus, to Bill Jack Scientific Instrument Co. Magnetic suspension control system. 2,856,240, 10-14-58, Cl. 308-10.
- Brebnier, Donald L., to E. I. du Pont de Nemours and Co. Manufacture of polyethylene of controlled molecular weight. 2,839,518, 6-17-58, Cl. 260-94.9.
- Brecht, Leopold: *See—*
Rolf, John C., and Brecht. 2,857,338.
- Brechwald, De Lane W. Article carrier for bicycles. 2,850,221, 9-2-58, Cl. 224-32.
- Bredereck, Hellmut, and E. Bäder, to W. C. Heraeus G. m. b. H. and Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the production of polymerization products. 2,846,418, 8-5-58, Cl. 260-80.
- Bredesen, Leo. Concave multiple cutting edge rock drill bit and die. 2,863,639, 12-9-58, Cl. 255-64.
- Bredberg, Oskar: *See—*
Nilsson, Gunnar, Bredberg, and Karlsson. 2,851,175.
- Bredtschneider, Kurt B., to Crane Co. Wedge valve. 2,826,391, 3-11-58, Cl. 251-167.
- Bredtschneider, Kurt B., to Crane Co. Conduit gate valve. 2,861,770, 11-25-58, Cl. 251-167.
- Bredtschneider, Kurt B., to Crane Co. Flexible bellows seal for flanged pipe joint. 2,862,729, 12-2-58, Cl. 285-114.
- Bredtschneider, Kurt B., and H. C. Laird, to Crane Co. Combined throttle and stop valve. 2,866,477, 12-30-58, Cl. 137-628.
- Bredtschneider, Kurt E. B.: *See—*
Laird, Hubert C., and Bredtschneider. 2,843,152.
- Bredz, Nikolaj, and W. Rostoker, to Armour Research Foundation of Illinois Institute of Technology. Copper base brazing alloys containing boron and iron. 2,854,352, 9-30-58, Cl. 75-153.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Filling machine. 2,824,584, 2-25-58, Cl. 141-6.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Container feeding mechanism. 2,827,998, 3-25-58, Cl. 198-31.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Container feeding mechanisms. 2,829,757, 4-8-58, Cl. 198-31.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Liquid filling system. 2,840,098, 6-24-58, Cl. 137-170.1.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Container feeding mechanism. 2,857,037, 10-21-58, Cl. 198-32.
- Breed, Arie E.: *See—*
Sutherland, Gail R., and Breed. 2,833,107.
Sutherland, Gail R., and Breed. 2,844,417.
- Breed, Bowman K.: *See—*
Lake, Harry E., and Breed. 2,859,806.
- Breed, John W., to Kent-Moore Organization, Inc. Cylinder head hoist. 2,858,946, 11-4-58, Cl. 212-64.
- Breed, Roland N., O. Cesaro, C. E. Germanton, R. W. Roberts, L. A. Weber, and C. A. Wingardner, to Bell Telephone Laboratories, Inc. Call data recording telephone system. 2,848,543, 8-19-58, Cl. 179-7.1.
- Breeding, Harold A., and E. C. Martt, to General Electric Co. Control system. 2,838,717, 6-10-58, Cl. 317-22.
- Breeler, Lenore K. Luggage cart and dispenser. 2,845,278, 7-29-58, Cl. 280-36.
- Breelle, Yves, to Institut Français du Pétrole des Carburants et Lubrifiants. Scavenging and supercharging system for rotary engines. 2,863,425, 12-9-58, Cl. 123-18.
- Breen, Alvin L., to E. I. du Pont de Nemours and Co. Method and apparatus for producing bulky continuous filament yarn. 2,852,906, 9-23-58, Cl. 57-34.
- Breen, Alvin L., to E. I. du Pont de Nemours and Co. Inter-mittent core filaments. 2,861,319, 11-25-58, Cl. 28-82.
- Breer, Karl: *See—*
Hoppe, Peter, Weinbrenner, Muhlhausen, and Breer. Re. 24,514.
- Breer, William Z. Fish hook disgorging. 2,847,793, 8-19-58, Cl. 43-53.5.
- Breese Burners, Inc.: *See—*
Breese, James L. 2,849,188.
- Breese, James L., to Breese Burners, Inc. Floatless heat responsive valve for liquid burners. 2,849,188, 8-26-58, Cl. 236-96.
- Breese, Lemuel R., and D. D. Simmons, to North Electric Co. Relay contact arrangement. 2,850,602, 9-2-58, Cl. 200-166.
- Breeze Corporations, Inc.: *See—*
Daum, Leonard E., and Sprigg. 2,821,693.
Nardone, Romeo M. 2,865,232.
November, Milton H. 2,823,702.
November, Milton H. 2,832,374.
- Breeze, Hurchel N. Vehicle signal. 2,853,572, 9-23-58, Cl. 200-61.89.
- Brehm, Allen E.: *See—*
Fields, Ellis K., and Brehm. 2,830,019.
- Brehm, Charles M., to Kelsey-Hayes Co. Tube cutting die. 2,837,156, 6-3-58, Cl. 164-40.
- Brehm, Charles M., to The Vulcan Tool Co. Cup trimming apparatus. 2,862,553, 12-2-58, Cl. 164-47.
- Brehm, Robert W.: *See—*
Graham, MacKellar K., and Brehm. 2,853,951.
- Breidert, G. C., Co., The: *See—*
Breidert, George C. 2,830,526.
Breidert, George C., and G. M. 2,830,527.
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- Breidert, George C., to The G. C. Breidert Co. Ventilating device. 2,830,526, 4-15-58, Cl. 98-81.
- Breidert, George C., and G. M., to The G. C. Breidert Co. Ventilator. 2,830,527, 4-15-58, Cl. 98-81.
- Breidert, George M.: *See—*
Breidert, George C., and G. M. 2,830,527.
- Breidert, George M., to The G. C. Breidert Co. Ventilator. 2,830,524, 4-15-58, Cl. 98-66.
- Breier, Marcus, to Marcus Breier Sons, Inc. Garment construction. 2,825,902, 3-11-58, Cl. 2-93.
- Breier, Marcus, Sons, Inc.: *See—*
Breier, Marcus. 2,825,902.
- Breig, Kurt, and E. Glietenberg, to Farbenfabriken Bayer Aktiengesellschaft. Ice-colors in textile printing with neutral steam. 2,822,234, 2-4-58, Cl. 8-71.
- Breig, Kurt, and E. Glietenberg, to Farbenfabriken Bayer Akt. Process of preparing diazoamino compounds. 2,851,452, 9-9-58, Cl. 260-140.
- Breining, Edward C., and E. V. Manning, to Bendix Aviation Corp. Rotary multi-vane positive displacement pump. 2,852,183, 9-16-58, Cl. 230-152.
- Breining, Elmer R., C. F. Nixon, and W. R. Vincent, to General Motors Corp. Antimony plating bath and process. 2,823,176, 2-11-58, Cl. 204-45.
- Breithart, Jacques: *See—*
Freedman, Louis, Merritt, and Breithart. 2,841,527.
- Breitenstein, Charles T., to American National Bank and Trust Co. of Chicago. Adjustable cam mechanism. 2,852,957, 9-23-58, Cl. 74-568.
- Breithaupt, Charles E., to E. I. du Pont de Nemours and Co. Filtration method. 2,860,784, 11-18-58, Cl. 210-75.
- Brelsford, Harry E., to H. W. Brelsford and F. Boynton, as co-trustees. Safety control pedal. 2,827,800, 3-25-58, Cl. 74-513.
- Brelsford, Harry W.: *See—*
Brelsford, Harry E. 2,827,800.
- Brem, Jack W. Combination scraper and scarifier attachment for tractor. 2,840,933, 7-1-58, Cl. 37-145.
- Brematex: *See—*
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- Bremer, Casey, and E. M. Rosenthal. Storage battery having removable cell structure. 2,832,815, 4-29-58, Cl. 136-170.
- Bremer, De La Wilmore, and J. F. Lovejoy. Muffler. 2,824,619, 2-25-58, Cl. 181-42.
- Bremer, Hermann F., to Carbon Heater Corp. Apparatus for dispensing heated beverage or water. 2,822,112, 2-4-58, Cl. 222-129.1.
- Bremer, John W., Jr. Fish hook setter. 2,858,634, 11-4-58, Cl. 43-15.
- Bremer, Joseph W., Jr., and L. Hilfman, to Swift & Co. Shortening containing oxygenated thermally modified hard fat. 2,865,760, 12-23-58, Cl. 99-123.
- Bremer, Norman C., and C. M. Allaben, Jr., to Morse Chain Co. Flexible coupling. 2,853,861, 9-30-58, Cl. 64-19.
- Bremer, Robert D., to General Motors Corp. Domestic appliance. 2,835,780, 5-20-58, Cl. 219-37.
- Bremi, Theodor, to Schweizerische Lokomotiv- und Maschinenfabrik. Cyclone. 2,846,024, 8-5-58, Cl. 183-88.
- Bremner, Claude M., to M. C. Marcotte. Automatically adjustable centrifugal fan. 2,838,228, 6-10-58, Cl. 230-114.
- Brems, John H., to Expert Die & Tool Co., Inc. Twin cam indexing drive. 2,852,960, 9-23-58, Cl. 74-821.
- Brems, John H., and J. B. Bidwell, to General Motors Corp. Surface smoothness measuring means. 2,841,008, 7-1-58, Cl. 73-105.
- Bremshey & Co.: *See—*
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- Bremshy, Fritz. Umbrella frame. 2,822,815, 2-11-58, Cl. 135-39.
- Brendel, Armin G., to American Cyanamid Co. Spray drying process. 2,839,133, 6-17-58, Cl. 159-48.
- Brendel, Friedrich. Trailer seat. 2,821,239, 1-28-58, Cl. 155-9.
- Brendel, George S., and H. J. Voorhees. Paper drying machine. 2,828,552, 4-1-58, Cl. 34-86.
- Brendel, Ludwig, to Fichtel & Sachs A. G. Simplified free wheeling bicycle hub. 2,844,050, 7-22-58, Cl. 74-750.
- Brendel, Theodor: *See*—
Lautenbacher, Johann, and Brendel. 2,821,112.
- Brendel, Theodor, to Agfa Akt. Three-membered photographic objective. 2,854,889, 10-7-58, Cl. 88-57.
- Brendlein, Heinrich, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Telomerization. 2,833,808, 5-6-58, Cl. 260-465.3.
- Brennan, Ambrose F. Combination signal-light switch. 2,832,862, 4-29-58, Cl. 200-61.54.
- Brennan, Daniel H., to General Electric Co. Electric contact brush assembly. 2,857,540, 10-21-58, Cl. 310-249.
- Brennan, Edward H., to Barber Machinery Ltd. Log loading attachment. 2,852,150, 9-16-58, Cl. 214-147.
- Brennan, Elmer W.: *See*—
Bowden, John N., and Brennan. 2,830,951.
Mantenuff, Allan A., Brennan, and Stucker. 2,830,952.
- Brennan, Elmer W., to The Pure Oil Co. Stable anti-rust lubricating oil. 2,856,363, 10-14-58, Cl. 252-33.6.
- Brennan, Francis P. Lamp. 2,824,216, 2-18-58, Cl. 240-73.
- Brennan, George A., to S. S. Adams Co. Wiggly lizard. 2,836,931, 6-3-58, Cl. 46-237.
- Brennan, Harry M., H. S. Seelig, and R. W. Vander Haar, to Standard Oil Co. Impregnated platinum-alumina catalysts. 2,840,514, 6-24-58, Cl. 196-50.
- Brennan, Harry M., H. S. Seelig, and R. W. Vander Haar, to Standard Oil Co. Promoted platinum-alumina catalysts. 2,840,527, 6-24-58, Cl. 252-438.
- Brennan, Harry M., and E. Field, to Standard Oil Co. Stabilized platinum-alumina catalysts containing selenium. 2,851,399, 9-9-58, Cl. 196-50.
- Brennan, John R., to Fluid Packed Pump Co. Self-lubricating pump plunger. 2,821,933, 2-4-58, Cl. 103-179.
- Brennan, John R. Brushing device. 2,838,763, 6-17-58, Cl. 4-1.
- Brennan, John W., and R. W. Daniels, to United Shoe Machinery Corp. Ready racks for shells. 2,822,730, 2-11-58, Cl. 89-1.
- Brennan, Joseph B. Method and apparatus for casting. 2,838,814, 6-17-58, Cl. 22-57.2.
- Brennan, Joseph B. Apparatus for casting metal. 2,842,820, 7-15-58, Cl. 22-75.
- Brennan, Joseph B. Casting method. 2,847,737, 8-19-58, Cl. 22-57.2.
- Brennan, Joseph B. Smelting apparatus and method. 2,858,586, 11-4-58, Cl. 22-57.2.
- Brennan, Joseph B. Method of producing a metal coating of uniform thickness by spraying. 2,862,837, 12-2-58, Cl. 117-4.
- Brennan, Joseph B. Apparatus and method for producing metal strip. 2,864,137, 12-16-58, Cl. 22-57.3.
- Brennan, Joseph K., to Packette Corp. Can group attaching plate. 2,838,818, 6-17-58, Cl. 24-81.
- Brennan, Joseph H., and E. R. Saunders, to Union Carbide Corp. Exothermic alloy addition agent. 2,836,486, 5-27-58, Cl. 75-27.
- Brennan, Joseph S., to Fairchild Engine and Airplane Corp. Short life bearing. 2,866,669, 12-30-58, Cl. 308-77.
- Brennan, Olive. Tethered ring and target amusement device. 2,832,597, 4-29-58, Cl. 273-99.
- Brenneke, Arthur M., to Perfect Circle Corp. Piston ring assembly. 2,833,606, 5-6-58, Cl. 309-43.
- Brennen, Ronald F., and J. A. Bucci, to Welding Industry Research & Patent Corp. Adjustable impedance welding transformer. 2,832,939, 4-29-58, Cl. 336-45.
- Brennen, Ronald F., and J. A. Bucci, to Welding Industry Research & Patent Corp. Method and apparatus for breaking up oxide on, and welding, metal. 2,847,556, 8-12-58, Cl. 219-86.
- Brenner, Abner: *See*—
Reid, Margaret A., and Brenner. 2,849,336.
- Brenner, Abner, and J. Bish, to United States of America, Air Force. Titanium borohydride complex and preparation thereof. 2,852,533, 9-16-58, Cl. 260-346.1.
- Brenner, Bert, to Sigmund Cohn Corp. Novel gold alloys and potentiometer wires produced from them. 2,840,468, 6-24-58, Cl. 75-165.
- Brenner, Darrell D.: *See*—
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- Brenner, Henry G.: *See*—
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- Brenner, Howard W. Ratcheting chain wrench. 2,825,253, 3-4-58, Cl. 81-68.
- Brenner, Joseph A. Guard and guide for well pump and motor assembly. 2,842,061, 7-8-58, Cl. 103-87.
- Brenner, Max, to Ciba Pharmaceutical Products, Inc. Peptide derivatives and process for their manufacture. 2,850,491, 9-2-58, Cl. 260-112.
- Brenner, Milton B. Container closure. 2,859,894, 11-11-58, Cl. 220-24.
- Brenner, Mortimer W., to Brewing Industries Research Institute. Art of stabilizing malt beverage. 2,857,279, 10-21-58, Cl. 99-48.
- Brenner, Mortimer W., to Brewing Industries Research Institute. Stabilized malt beverage. 2,858,216, 10-28-58, Cl. 99-48.
- Brenner, Orlistus G.: *See*—
Peterson, Howard B., and Brenner. 2,843,253.
- Brenner, Siegfried S., to General Electric Co. Vapor deposition of single crystals. 2,842,468, 7-8-58, Cl. 148-1.6.
- Brenner, Siegfried S., and C. R. Morelock, to General Electric Co. Method and apparatus for the production of single crystals. 2,836,524, 5-27-58, Cl. 148-1.6.
- Brenner, Walter G. Harvester combine. 2,841,945, 7-8-58, Cl. 56-122.
- Brennoit, Otto J.: *See*—
Brauer, Clarence H., Brennoit, and Didziulis. 2,855,801.
- Brent, George D. P., and F. W. Wacht, to Westinghouse Electric Corp. Hook forming assembly for automatic stem and mount making machines. 2,820,486, 1-21-58, Cl. 140-71.5.
- Brent, Robert G., to United States of America, Navy. Chatter-preventing linkage. 2,843,091, 7-15-58, Cl. 121-38.
- Brenton, Pearl S. Animal coat and coat-securing loop. 2,831,306, 4-22-58, Cl. 54-79.
- Brescka, Rudolph S., H. W. Clifford, and R. L. Moore, to Western Electric Co., Inc. Plating adherence tester. 2,831,346, 4-22-58, Cl. 73-150.
- Brese, Dick P., to Phillips Petroleum Co. Equipment for manufacturing mixed fertilizers. 2,859,873, 11-11-58, Cl. 209-259.
- Breseler, Wilbur L., and J. C. Smith, to The Dow Chemical Co. Hexachlorocyclopentadiene adduct. 2,834,790, 5-13-58, Cl. 260-348.
- Bresky, Donald R.: *See*—
Watson, Emmett S., Bresky, and Savitzky. 2,819,402.
- Breslau, Harold R. Supporting device. 2,864,576, 12-16-58, Cl. 248-166.
- Breslow, David S., to Hercules Powder Co. Polymerization of ethylene. 2,827,446, 3-18-58, Cl. 260-94.9.
- Breslow, David S., to Hercules Powder Co. Preparation of cyclopentadienylsodium. 2,848,506, 8-19-58, Cl. 260-665.
- Bressler, Calvin J. Wrecking and stripping bar. 2,864,583, 12-16-58, Cl. 254-131.
- Bressler, Wilbur L., and J. C. Smith, to The Dow Chemical Co. Epoxide resins and 1,4,5,6,7,7 hexachloro 2-(2,3-epoxypropoxymethyl) bicyclo (2,2,1) hept-5-ene. 2,839,496, 6-17-58, Cl. 260-47.
- Bretford Mfg. Inc.: *See*—
Petrick, Russell E., and E. J. 2,849,204.
- Bretscher, Ernst, and H. Hemmi, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Microbicial composition material impregnated therewith and method of impregnation. 2,822,312, 2-4-58, Cl. 167-30.
- Bretschneider, Günther, to Deutsche Gold- und Silber-Scheideanstalt. Process for the production of a potassium perborate product containing a high active oxygen content. 2,851,334, 9-9-58, Cl. 23-60.
- Bretschneider, Hans: *See*—
Klinkhammer, Kurt, Steinbuch, Merk, and Bretschneider. 2,820,849.
- Bretschneider, Otto, and W. Moschel, deceased (by H. Moschel geb. Gilcher, widow, B. Carstensen geb. Moschel, and R. and A. Moschel, heirs), to Knapsack-Griesheim Akt. Process and apparatus for the electro-thermal production of magnesium. 2,847,295, 8-12-58, Cl. 75-10.
- Brett, Cecil R.: *See*—
Brett, Percy C., and C. R. 2,845,196.
- Brett, Herbert, to United States of America, Army. Superheterodyne receiver with local oscillator operating at intermediate frequency for simultaneously monitoring plural channels. 2,832,885, 4-29-58, Cl. 250-20.
- Brett, Herbert, to United States of America, Army. Pulse repetition counter. 2,851,600, 9-9-58, Cl. 250-27.
- Brett, Percy C. and C. R. Bottle crates. 2,845,196, 7-29-58, Cl. 217-19.
- Brett, William J. Backup safety signal for automotive trucks. 2,829,213, 4-1-58, Cl. 200-61.88.
- Brettell, George A., Jr.: *See*—
Hartig, Henry E., and Brettell. 2,839,839.
- Pierce, Fifth, Brettell, Kappeler, and Bradley. 2,854,764.
- Brettell, George A., Jr., and F. Pierce, to United States of America, Navy. Friction drive mechanism. 2,864,262, 12-16-58, Cl. 74-198.
- Brethauer, Hermann, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Photographic flashlight connection plug. 2,843,832, 7-15-58, Cl. 339-91.
- Bretz, John, Jr., and L. W. Parrish. Seed harvesting combine having recleaner. 2,821,985, 2-4-58, Cl. 130-27.
- Breuer, Fred. Truss pad and pad mounting. 2,827,047, 3-18-58, Cl. 128-111.
- Breuer, William R. H. Fishing baits. 2,827,376, 3-18-58, Cl. 99-3.
- Breuhan, Fritz E. Device for applying liquid adhesive or the like. 2,832,981, 5-6-58, Cl. 15-136.
- Breukelman, Christian W. Scratchers for cleaning bore holes of oil wells prior to cementing. 2,832,420, 4-29-58, Cl. 166-173.
- Breul, Fredric W., and S. M. Sliva, to The Singer Mfg. Co. Sewing machines adapted for cord laying. 2,824,531, 2-25-58, Cl. 112-100.

- Breuning, Ernst, to Pneumafil Corp. Indication of thread breaks in textile machines. 2,863,276, 12-9-58, Cl. 57—34.5.
- "Brevets Aero-Mécaniques": *See—*
 Birkigt, Louis. 2,824,521.
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- Brevoort, Howard W.: *See—*
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- Brewer, Alexander F.: *See—*
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- Brewer, Charles A., deceased, and M. B. Brewer, administratrix of the estate, $\frac{1}{2}$ to W. J. Lennon, Jr. Sealing means. 2,838,200, 6-10-58, Cl. 220—39.
- Brewer, Clarence T., to American Can Co. Apparatus for truncating conical cups. 2,837,980, 6-10-58, Cl. 93—36.1.
- Brewer, Clarence T., to American Can Co. Method of truncating conical cups. 2,837,981, 6-10-58, Cl. 93—36.1.
- Brewer, George R., to Hughes Aircraft Co. Electron gun for traveling wave tube. 2,819,424, 1-7-58, Cl. 315—3.5.
- Brewer, George R., to Hughes Aircraft Co. Helix structure for traveling-wave tubes. 2,850,666, 9-2-58, Cl. 315—3.5.
- Brewer, George R., to Hughes Aircraft Co. Multifilar helix coupling. 2,859,375, 11-4-58, Cl. 315—3.6.
- Brewer, Harold B.: *See—*
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- Brewer, John H., to Hynson, Westcott & Dunning, Inc. Sterilization indicator. 2,847,067, 8-12-58, Cl. 161—15.
- Brewer, Mary B.: *See—*
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- Brewer, Nathaniel, and M. Evandenko, to Fischer & Porter Co. Magnetic-clutch integrator. 2,841,330, 7-1-58, Cl. 235—61.
- Brewer, Richard H., to Republic Steel Corp. Use of titanium article support for hot dip galvanizing apparatus. 2,852,410, 9-16-58, Cl. 117—51.
- Brewer, Selby W., and I. J. Umbarger. Pressure responsive switch. 2,844,679, 7-22-58, Cl. 200—82.
- Brewer, Thomas L., to Curtiss-Wright Corp. Reverse thrust nozzle construction. 2,847,823, 8-19-58, Cl. 60—35.54.
- Brewer-Titchener Corp., The: *See—*
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- Brewing Industries Research Institute: *See—*
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- Brewington, Philip J. Leak preventing cap for pneumatic valve stems. 2,859,777, 11-11-58, Cl. 138—89.2.
- Brewster, Arthur E., to International Standard Electric Corp. Electric trigger circuits. 2,832,899, 4-29-58, Cl. 307—88.5.
- Brewster, Arthur E., to International Standard Electric Corporation. Relaxation oscillators and electronic counters. 2,856,528, 10-14-58, Cl. 250—36.
- Brewster, Frank S., to Brumley-Donaldson Co. Foundry cores. 2,861,893, 11-25-58, Cl. 106—38.35.
- Brewster, Geo. M., & Son, Inc.: *See—*
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- Brewster, Joseph L., J. R. Proctor, and E. F. Edgren, Jr. Reinforced molded desk tops. 2,845,318, 7-29-58, Cl. 311—106.
- Brewster, Selah S., Jr.: *See—*
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- Brewton, Royal F.: *See—*
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- Brey, Frank W.: *See—*
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- Breyer, Theodore V. Earth and material handling implement. 2,840,932, 7-1-58, Cl. 37—145.
- Breymer, Rudolph T., to Union Carbide Corp. Apparatus for transferring highly reactive molten metals. 2,819,059, 1-7-58, Cl. 266—38.
- Breza, Cyril J., to E. I. du Pont de Nemours and Co. Explosive composition. 2,861,875, 11-25-58, Cl. 52—6.
- Breza, Cyril J., and E. J. Sniffin, to E. I. du Pont de Nemours and Co. Explosive cartridge with lowering means. 2,853,334, 9-23-58, Cl. 294—93.
- Breznick, Albert J., to F. A. Pachmayr. Valve device. 2,822,818, 2-11-58, Cl. 137—454.6.
- Brezosky, Bernard J., to General Electric Co. Waste disposal apparatus. 2,828,085, 3-25-58, Cl. 241—100.5.
- Brezosky, Bernard J., and F. W. Moore, to General Electric Co. Waste disposal apparatus. 2,819,028, 1-7-58, Cl. 241—100.5.
- Brian, Percy W., M. E. Radley, P. J. Curtis, and G. W. Elson, to Imperial Chemical Industries Ltd. Gibberellin acid compounds, and preparation and use thereof. 2,842,051, 7-8-58, Cl. 71—2.5.
- Briar Hill Stone Co., The: *See—*
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- Brice, George H.: *See—*
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- Brick, Norman G., F. A. Kuehl, Jr., and K. Folkers, to Merck & Co., Inc. Process for preparing improved acth. 2,844,511, 7-22-58, Cl. 167—74.
- Bricker, Carl E., and A. W. Cook, to The Goodyear Tire & Rubber Co. Automatic brake adjustment device. 2,844,224, 7-22-58, Cl. 188—73.
- Bricker, Samuel R., to Westinghouse Electric Corp. Steam iron. 2,866,283, 12-30-58, Cl. 38—77.
- Brickman, Alan E., to United States Steel Corp. Transload device. 2,834,266, 3-13-58, Cl. 94—8.
- Brickman, Alan E., to United States Steel Corp. Flexible conduit. 2,858,708, 11-4-58, Cl. 74—501.
- Brickman, Leo: *See—*
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- Briddell, Charles D.: *See—*
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- Briddell, Chas. D., Inc.: *See—*
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- Bridenbaugh, Paul K.: *See—*
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- Bridge, Adam E., and A. G. Gibson, to The Black-Clawson Co. Method of differentially heat treating a cutter bar. 2,831,788, 4-22-58, Cl. 148—10.5.
- Bridge, Lawrence R., and J. T. Welbourn. Transportable jet engine test stand. 2,823,756, 2-18-58, Cl. 181—35.
- Bridgeport Brass Co.: *See—*
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- Bridgeport Fabrics, Inc.: *See—*
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- Bridgeport Machines, Inc.: *See—*
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- Bridgeport Metal Goods Mfg. Co., The: *See—*
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- Bridges, Charles P., and J. W. Runge, to C. P. Bridges, doing business as Bridges Engineering Co. Apparatus for evaporating and concentrating liquids. 2,838,107, 6-10-58, Cl. 159—6.
- Bridges, Don H. Single joint miter clamp. 2,829,688, 4-8-58, Cl. 144—293.
- Bridges, Donald E.: *See—*
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- Bridges Engineering Co.: *See—*
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- Bridges, Jack E., to Zenith Radio Corp. Subscription television system. 2,823,252, 2-11-58, Cl. 178—5.1.
- Bridges, Jack E., to Zenith Radio Corp. Subscription television system. 2,823,253, 2-11-58, Cl. 178—5.1.
- Bridges, Jack E., to Zenith Radio Corp. Subscription television encoding apparatus. 2,847,768, 8-19-58, Cl. 35—4.
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- Bridges, Kenneth A., to C. A. V. Ltd. Engine starting apparatus. 2,845,801, 8-5-58, Cl. 74—6.
- Bridges, Ronald P.: *See—*
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- Bridges, Ronald P., to A. B. Chance Co. Electric switch. 2,825,774, 3-4-58, Cl. 200—48.
- Bridges, Samuel W., and J. R. Roehrig, to National Research Corp. Apparatus for grading fibers. 2,824,488, 2-25-58, Cl. 88—14.
- Bridges, Thomas K.: *See—*
 Londeree, Archibald D., and Bridges. 2,854,307.
- Bridgman, Herbert: *See—*
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- Bridwell, Robert A., to Northrop Aircraft, Inc. Attachment to be applied to a duplicating mill for duplicating conical shapes. 2,837,976, 6-10-58, Cl. 90—62.
- Briebsch, Eugen, G. Zuehlendorf, and K. Pirner, to Schering A. G. Stable water soluble salts of oestrone sulfate and process of making same. 2,828,306, 3-25-58, Cl. 260—239.5.
- Brieche, Joseph, to Scovill Mfg. Co. Check valve. 2,862,515, 12-2-58, Cl. 137—234.5.
- Bried, Julien A., to Honolulu Oil Corp. Continuous fowl picking machine. 2,846,719, 8-12-58, Cl. 17—11.1.
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- Brien, Huron C., and D. D. Jones, to Kimberly-Clark Corp. Absorbent bandage. 2,826,200, 3-11-58, Cl. 128—290.
- Brier, Hyman: *See—*
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- Briesemeister, Harold E.: *See—*
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- Brietenstein, Victor W., to F. N. Bard. Angularly movable ball and socket joint having bearing means providing surface contact with the movable member. 2,864,630, 12-16-58, Cl. 285—261.
- Briggs, John R., R. G. Newberg, and R. E. Clayton, to Esso Research and Engineering Co. Process of preparing a polyethylene-polyisooctene blend. 2,854,435, 9-30-58, Cl. 260—45.5.
- Briggs, Richard, to Birch Bros., Inc. Sewing machine. 2,836,135, 5-27-58, Cl. 112—214.
- Briggs, Richard S., to Bomac Laboratories Inc. Tuning member for tunable magnetron devices. 2,834,916, 5-13-58, Cl. 315—39.61.

- Briggs, Richard S., to Bomac Laboratories Inc. Magnetron anode support. 2,850,672, 9-2-58, Cl. 315-39.77.
- Briggs, Robert E. Multi-compartment electrolytic cell. 2,828,257, 3-25-58, Cl. 204-263.
- Briggs, Robert E. Method and apparatus for water treating. 2,838,449, 6-10-58, Cl. 204-151.
- Briggs, Southwick W. Stacked disc filter cartridge. 2,850,169, 9-2-58, Cl. 210-492.
- Briggs & Stratton Corp.: See—
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- Brigham, Harlow R.: See—
Ballard, Albert E., and Brigham. 2,858,196.
- Brigham, Harry S., to Western Gulf Oil Co. Method of jeep hole completion. 2,860,853, 11-18-58, Cl. 255-1.8.
- Bright, Harold T., to Robertson Mfg. Co. Rotary lawn mower. 2,864,226, 12-16-58, Cl. 56-25.4.
- Bright, Richard L.: See—
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- Brightleaf Industries, Inc.: See—
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- Brightman, Barrie, to Automatic Telephone & Electric Co. Control circuits for gas filled cold cathode tubes. 2,836,765, 5-27-58, Cl. 315-84.5.
- Brigmon, Paul L. Windshield wiper. 2,829,394, 4-8-58, Cl. 15-255.
- Brigs, George S., and R. W. Christensen, to Radio Corp. of America. Photoconducting devices. 2,866,878, 12-30-58, Cl. 201-63.
- Briley, Jesse A., to Texas Delta Development Corp. Safety joint with split cam spring. 2,836,435, 5-27-58, Cl. 285-84.
- Brill, Alfred P., Jr. Wrapper and clamp for budding and grafting. 2,844,913, 7-29-58, Cl. 47-6.
- Brill, Edward F.: See—
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- Brill, Edward F., to Allis-Chalmers Mfg. Co. Centrifugal pump. 2,865,298, 12-23-58, Cl. 103-104.
- Brill, Edward F., and W. L. Ringland, to Allis-Chalmers Mfg. Co. Current collector for unipolar generators. 2,832,909, 4-29-58, Cl. 310-178.
- Brill, Edward F., and A. W. Hanson, to The Dow Chemical Co. Device for pneumatic delivery of powder. 2,856,010, 10-14-58, Cl. 169-9.
- Brill, William E., to General Motors Corp. Piston pin retainer and method of inserting same. 2,850,340, 9-2-58, Cl. 309-19.
- Brill, William F., to Olin Mathieson Chemical Corp. Process for the preparation of aromatic carboxylic acids. 2,853,514, 9-23-58, Cl. 260-524.
- Brillinger, George A. Device for melting and removing fusible metal. 2,826,667, 3-11-58, Cl. 219-21.
- Brillion Iron Works, Inc.: See—
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- Brimer, Marshall R., to Eastman Kodak Co. Treatment of aromatic amino compounds. 2,839,578, 6-17-58, Cl. 260-577.
- Brimhall, Ray S. Shock assembly for vehicle suspensions. 2,859,978, 11-11-58, Cl. 280-136.
- Brimley, Kenneth J., to Imperial Chemical Industries Ltd. Manufacture of plastic incendiary materials. 2,863,353, 12-9-58, Cl. 86-1.
- Brimmer, William B. Louver type window construction. 2,850,773, 9-9-58, Cl. 20-42.
- Brin Mfg. Co., Inc.: See—
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- Brindley, Frederick, and G. Cocks. Pipe-bending machines with swiveled head and having an oscillatable stop bar with cam to retract mandrel. 2,854,055, 9-30-58, Cl. 153-40.
- Brinen, Paul F., to Young Radiator Co. Air-splitter for base board convectors. 2,824,722, 2-25-58, Cl. 257-133.
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- Briney, James W.: See—
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- Briney Mfg. Co.: See—
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- Brink, Edwin H., to Food Machinery and Chemical Corp. Method of and apparatus for making fiber reinforced plastic pipe. 2,862,541, 12-2-58, Cl. 154-1.7.
- Brink, Norman G.: See—
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- Brink, Norman G., E. A. Ham, R. E. Harman and L. H. Sarett, to Merck & Co., Inc. 18-oxygenated- Δ^4 -etiocololene-17 β -carboxylic acid derivatives. 2,847,425, 8-12-58, Cl. 260-397.1.
- Brink, Winfield S., to The Firestone Tire & Rubber Co. Method of making a drop center one piece tubeless tire rim. 2,848,805, 8-26-58, Cl. 29-545.
- Brinker, Harry F., and W. J. Flynn. Method of making a core drill and the like. 2,832,238, 4-29-58, Cl. 76-108.
- Brinker, John H., and L. A. Ehrhart, to The Globe-Wernicke Co. Shelf for partition structure. 2,840,243, 6-24-58, Cl. 211-135.
- Brinkhoff, Carl H.: See—
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- Brinkmann, Georg: See—
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- Brinkruff, Arthur R., and G. A. Binder, to Essex Wire Corp. Electromagnetic device. 2,834,925, 5-13-58, Cl. 317-171.
- Brinster, John F., and E. Donath, to Applied Science Corp. of Princeton. Numerical tabulator. 2,843,840, 7-15-58, Cl. 340-173.
- Brinster, John F., H. M. Hill, Jr., and E. Donath, to Applied Science Corp. of Princeton. Binary digit multiplier circuit. 2,853,235, 9-23-58, Cl. 235-61.
- Brinster, John F., and W. C. Johnson, to General Devices, Inc. Pulse sequence generator. 2,861,202, 11-18-58, Cl. 307-106.
- Brinton, Bernard M.: See—
Titcomb, Francis R., and Brinton. 2,842,702.
- Brinton, David B.: See—
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- Brinton, Willard C. Method of fluid mining. 2,822,158, 2-4-58, Cl. 262-3.
- Brion, Leroux & Cie: See—
Amourig, Paul A. 2,848,661.
- Brisbane, Eugene C. Valves. 2,857,130, 10-21-58, Cl. 251-175.
- Briskier, Arthur A. Pulse-rate-measuring device. 2,831,479, 4-22-58, Cl. 128-2.05.
- Briskman, Samuel, and C. Weidauer; said Weidauer assor. to said Briskman. Shears with arcuate profiled teeth. 2,850,803, 9-9-58, Cl. 30-230.
- Brison, Jordan W., to American Telephone and Telegraph Co. Switch mechanism for telephone apparatus. 2,861,136, 11-18-58, Cl. 179-164.
- Brisson, Louis C., to Compagnie des Freins et Signaux Westinghouse. Transversely expanding type wheel brake. 2,828,835, 4-1-58, Cl. 188-78.
- Brister, Paul M., and J. C. Singleton, Jr., to The Babcock & Wilcox Co. Convection fluid heat exchange unit with integral soot blowers. 2,840,051, 6-24-58, Cl. 122-392.
- Bristol Aero-Engines Ltd.: See—
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- Bristol Aircraft Ltd.: See—
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- Bristol Co., The: See—
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- Bristol, Cyrus J.: See—
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- Bristol, Donald R., to Ryan Recording Thermometer Co. Recording thermometer. 2,848,895, 8-26-58, Cl. 73-343.5.
- Bristol, Edward S., to Leeds and Northrup Co. Apparatus for modifying a control or measuring signal. 2,823,860, 2-18-58, Cl. 236-26.
- Bristol, Edward S., to Leeds and Northrup Co. Control systems for electrical generating units. 2,861,194, 11-18-58, Cl. 290-2.
- Bristol-Engines Ltd.: See—
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- Bristol, Kenneth E., to The Goodyear Tire & Rubber Co. Porous sheet material. 2,832,997, 5-6-58, Cl. 18-53.
- Bristol, Kenneth E., to The Goodyear Tire & Rubber Co. Process of preparing a film casting surface. 2,866,717, 12-30-58, Cl. 117-10.
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- Bristol-Myers Co.: See—
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- Bristol Steel & Iron Works, Inc.: See—
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- Bristoll, Truman K., to International Business Machines Corp. Ribbon feeding mechanism. 2,858,928, 11-4-58, Cl. 197-165.
- Brith, Richard L., and G. H. Royer, to Westinghouse Electric Corp. Transistor switching circuits. 2,821,639, 1-28-58, Cl. 307-88.5.

- British Aluminium Co. Ltd., The: *See*—
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- British Ceca Co. Ltd., The: *See*—
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- British Celanese Ltd.: *See*—
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- British Celophane Ltd.: *See*—
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- British Columbia Research Council: *See*—
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- British Cotton Industry Research Association, Shirley Institute, The: *See*—
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- British Drug Houses Ltd., The: *See*—
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- British Fibrak Separator Co. Ltd., The: *See*—
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- British Industrial Plastics Ltd.: *See*—
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- British Industrial Solvents Ltd.: *See*—
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- British Insulated Callender's Cables Ltd.: *See*—
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- British Oxygen Co. Ltd., The: *See*—
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- British Petroleum Co. Ltd., The: *See*—
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- British Soya Products Ltd.: *See*—
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- British Sugar Corp. Ltd.: *See*—
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- British Tabulating Machine Co. Ltd., The: *See*—
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- British Thomson-Houston Co. Ltd., The: *See*—
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- British Titan Products Co. Ltd.: *See*—
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- Britt, Kenneth W.: *See*—
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- Brittain, Richard J., Jr., to General Motors Corp. Journal box. 2,856,244, 10-14-58, Cl. 308-180.
- Brittain, Spencer K. Removable ornamental button head. 2,830,346, 4-15-58, Cl. 24-113.
- Brittain, Willard M.: *See*—
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- Britten, Harold H., to General Electric Co. Static inverse time overvoltage device. 2,849,662, 8-26-58, Cl. 317-148.
- Brittingham, Laurence A.: *See*—
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- Britton, Edgar C.: *See*—
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- Brkich, Alexander: *See*—
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- Broadbent, William, & Sons Ltd.: *See*—
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- Broadhurst, Sidney W., and L. R. F. Harris. Apparatus for the reception of pulse coded information. 2,839,610, 6-17-58, Cl. 179-18.
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- Broadwin, Harry, to Perfect-Line Mfg. Corp. Combination ventilating fan with light and reflector. 2,844,306, 7-22-58, Cl. 230-249.5.
- Broatch, John D., to The British Jute Trade Research Association. Fireproofing of textile materials. 2,852,414, 9-16-58, Cl. 117-137.
- Brobeck, William M., to United States of America, Atomic Energy Commission. Ion source unit for a calutron. 2,848,619, 8-19-58, Cl. 250-41.9.
- Brobeck, William M., to United States of America, Atomic Energy Commission. Ion producing mechanism (arc external to block). 2,851,609, 9-9-58, Cl. 250-41.9.
- Broberg, Curt E.: *See*—
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- Broberg, Leonard E., to The T. L. Smith Co. Open end mixer with cone having a seal for charging chute. 2,854,224, 9-30-58, Cl. 259-161.
- Brochetti, Raymond E., to Mine Safety Appliances Co. Dust collecting head. 2,829,867, 4-8-58, Cl. 255-50.
- Brochetti, Raymond E., to Mine Safety Appliances Co. Dust collector head. 2,859,940, 11-11-58, Cl. 255-50.
- Brochetti, Raymond E., and E. J. Hohos, to Mine Safety Appliances Co. Rock dust collecting apparatus. 2,829,908, 4-8-58, Cl. 285-61.
- Brochhausen, Franzkarl, F. Schmidt, and P. Hoppe. Cellular polyurethane plastics of improved pore structure and process for preparing same. 2,846,408, 8-5-58, Cl. 260-2.5.
- Brochhausen, Franzkarl, and K. E. Müller, to Farbenfabriken Bayer Akt. Process for preparing polyurethane foams employing tertiary amine catalysts. 2,866,762, 12-30-58, Cl. 260-2.5.
- Brochner, Henry S., to Ordex Laboratorium ved ingenior C. O. Rasmussen. Cream tablet and process for the manufacture of it. 2,839,407, 6-17-58, Cl. 99-78.
- Brock, Brantley A.: *See*—
Samfield, Max M., Brock, and Locklair. Re. 24,424.
Samfield, Max M., Brock, and Locklair. 2,845,933.
- Brock & Co., Inc.: *See*—
Buechele, Walter E., and Adacusk. 2,855,308.
- Brock Equipment Co.: *See*—
Peterson, Harold R. 2,828,656.
Swanson, Edwin C. 2,864,272.
- Brock, Eugene N. Combination sand trap and junk basket. 2,834,300, 5-13-58, Cl. 103-220.
- Brock, James A., and D. L. Spears; said Spears to Cobble Brothers Machinery Co., Inc. Heating unit for bituminous materials. 2,820,451, 1-21-58, Cl. 126-343.5.
- Brock, Joseph A. Band ties. 2,860,393, 11-18-58, Cl. 24-16.
- Brock, Norbert: *See*—
Arnold, Herbert, Kúhas, and Brock. 2,857,395.
- Brock, Richard A. Lid forming machine. 2,848,856, 8-26-58, Cl. 53-287.
- Brock, Walter F.: *See*—
Steffen, Robert. 2,846,822.
- Brock, Walter L., to Arens Controls, Inc. Control mechanism. 2,861,466, 11-25-58, Cl. 74-504.
- Brockbank, Robert A. Submarine cable. 2,849,526, 8-26-58, Cl. 174-107.
- Brockett, Lombard: *See*—
Maier, Curtis E., Brockett, and Larson. 2,835,926.
- Brockhouse Engineering Ltd.: *See*—
Gatiss, Albert L. 2,866,361.
- Brockly, Edmond. Grading and ditching attachment for a tractor. 2,856,709, 10-21-58, Cl. 37-172.
- Brockman, Earl H., $\frac{1}{2}$ to P. Brockman. Dustless meal and method of preparing the same. 2,841,496, 7-1-58, Cl. 99-2.
- Brockman, Emory W., and S. C. Kantor. Ice chipper. 2,839,250, 6-17-58, Cl. 241-36.
- Brockman, Frank G., and W. G. Steneck, Jr., to North American Philips Co., Inc. Method of making a permanent magnet. 2,854,412, 9-30-58, Cl. 252-62.5.
- Brockman, John A., Jr., and P. F. Fabio, to American Cyanamid Co. Propionitriles and method of preparing same. 2,837,556, 6-3-58, Cl. 260-465.
- Brockman, Pauline: *See*—
Brockman, Earl H. 2,841,496.
- Brock's Crystal Palace Fireworks Ltd.: *See*—
Hall, Ronald G. 2,841,481.
- Brockway, Arthur L., Jr., to Bendix Aviation Corp. Antenna beam angle indication system. 2,839,748, 6-17-58, Cl. 343-11.
- Brockway Glass Co., Inc.: *See*—
Nava, John O., Jr., Buffone, and Grinnen. 2,826,867.
- Brockway, Mortimer L.: *See*—
Harvey, Edmund N., Jr., and Brockway. 2,822,288.
- Brodbeck, Almer H., to Magic Chef-Food Giant Markets, Inc. Cooking range. 2,823,657, 2-18-58, Cl. 126-37.
- Brodbeck, Almer H., to Food Giant Markets, Inc. Door. 2,843,110, 7-15-58, Cl. 126-190.
- Brodbeck, Almer H., and H. C. Reinhart, to Food Giant Markets, Inc. Gas burner head. 2,843,199, 7-15-58, Cl. 158-116.
- Brodson, Norman C. Article holder for truck rack. 2,840,288, 6-24-58, Cl. 224-42.1.
- Broderick, Aubrey E., to Union Carbide Corp. Production of highly hydroxyalkylated polyvinyl alcohols. 2,844,570, 7-22-58, Cl. 260-91.3.
- Broderick, Aubrey E., to Union Carbide Corp. Production of highly hydroxyalkylated polyvinyl alcohols. 2,844,571, 7-22-58, Cl. 260-91.3.
- Broderick, Owen. Shingling brackets. 2,840,424, 6-24-58, Cl. 304-20.
- Broderick, Owen. Ladder brackets. 2,856,112, 10-14-58, Cl. 228-60.
- Broders, Claude O., to United States of America, Navy. Bleed governor. 2,845,938, 8-5-58, Cl. 137-51.
- Brodersen, Richard, H. Loewe, and H. Ott, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Readily soluble and stable salts of di-(4-amidinophenyl)-triazene-(N-1,3) and a process of preparing them. 2,838,485, 6-10-58, Cl. 260-140.
- Brodersen, Rolf K., to Westinghouse Electric Corp. Electric discharge apparatus. 2,843,805, 7-15-58, Cl. 315-266.
- Brodie, Fred M., Jr.: *See*—
Wilkinson, William H. 2,831,727.
- Brodie, George H.: *See*—
Boyd, Bemrose, Dorsch, and Brodie. 2,827,786.
- Brodie, George H., to Thompson Products, Inc. Speaker diaphragm controlled capacitor for negative feedback control. 2,857,461, 10-21-58, Cl. 179-1.
- Brodie, George R., to Fred'k H. Levey Co., Inc. Method and apparatus for controlling water supply in planographic printing press. 2,821,132, 1-28-58, Cl. 101-138.
- Brodie, George R., to Fred'k H. Levey Co., Inc. Method for planographic printing. 2,821,133, 1-28-58, Cl. 101-141.
- Brodie, George R., to Fred'k H. Levey Co., Inc. Offset printing press. 2,821,134, 1-28-58, Cl. 101-217.
- Brodie, George R., to Fred'k H. Levey Co., Inc. Lock-up. 2,837,994, 6-10-58, Cl. 101-415.1.
- Brodie, George R., to Fred'k H. Levey Co., Inc. Lock-up. 2,850,970, 9-9-58, Cl. 101-415.1.
- Brodie, George R., to Fred'k H. Levey Co., Inc. Lock-up. 2,850,971, 9-9-58, Cl. 101-415.1.
- Brodie, George R., and W. B. Raybuck, to Fred'k H. Levey Co., Inc. Printing press. 2,826,413, 3-11-58, Cl. 271-87.
- Brodie, James H. Incinerator charging apparatus. 2,840,249, 6-24-58, Cl. 214-35.
- Brodie, Meyer. Stitch concealing binding for luggage. 2,848,079, 8-19-58, Cl. 190-54.
- Brodie, Ralph N., Co.: *See*—
Berck, William F. 2,841,359.
Berck, William F. 2,843,094.
- Brodie, Ronald C.: *See*—
Goehring, Robert M. 2,827,701.
- Brodkey, Robert S.: *See*—
Hughes, Vincent L., and Brodkey. 2,839,580.
- Brodkey, Robert S., P. V. Smith, Jr., and F. W. Banes, to Esso Research and Engineering Co. Oxo synthesis of alcohols from heavy petroleum coking reaction. 2,846,464, 8-5-58, Cl. 260-475.
- Brodrib, William A. Leaping animal toy. 2,824,409, 2-25-58, Cl. 46-129.
- Brodsky, Frank. Butter cutting and butter tray-forming. 2,825,192, 3-4-58, Cl. 53-123.
- Brodsky, Harold: *See*—
Marcucio, Stephen, and Brodsky. 2,834,705.
- Brodsky, Marcos: *See*—
Matteazzi, Jose, and Brodsky. 2,851,280.
- Brodth, Rudolf: *See*—
Keller, Heinz, Lampatzer, and Brodth. 2,835,618.
- Brodton, Lynn: *See*—
Hill, Van D., and Brodton. 2,842,047.
- Brody, Frederick: *See*—
Scalera, Mario, Brody, and Fazio. 2,834,773.
- Brody, Joseph. Breathers for plastic auto seat covers. 2,823,736, 2-18-58, Cl. 155-182.
- Brody, Stanley S. Voice operated intercommunication system. 2,819,340, 1-7-58, Cl. 179-1.
- Brody, Stanley S. Universal navigation station identification keyer. 2,866,185, 12-23-58, Cl. 340-365.
- Broerman, Arthur B.: *See*—
Reinecke, Marvin E., and Broerman. 2,857,803.
- Brogdex Co.: *See*—
Keller, Herman J. 2,828,210.
- Broge, Edward C., to E. I. du Pont de Nemours and Co. Process for modifying the surface of a silica substrate having a reactive silanol surface. 2,866,716, 12-30-58, Cl. 106-308.

- Broge, Velma: *See*—
Broge, William. 2,841,372.
- Broge, William, to V. Broge. Carburetor for internal combustion engines. 2,841,373, 7-1-58, Cl. 261-44.
- Brogren, Axel V., to Parsons Corp. Lever structure. 2,845,816, 8-5-58, Cl. 74-519.
- Brogren, Axel V., to Parsons Corp. Sectional shipping container and internal pods therefor. 2,865,499, 12-23-58, Cl. 206-46.
- Brohl, Earl M.: *See*—
Falge, Robert N., and Brohl. 2,831,262.
- Brohl, Earl M., to General Motors Corp. Tell-tale circuit. 2,843,802, 7-15-58, Cl. 315-83.
- Broich, Franz: *See*—
Rob, Nikolaus, Broich, and Harms. 2,831,040.
- Broken Hill Associated Smelters Proprietary Ltd., The: *See*—
Blaskett, Donald R. 2,829,093.
- Dayey, Thomas R. A., and Newall. 2,823,111.
- Brom, Lawrence V., to Container Corp. of America. Easy opening folder. 2,833,461, 5-6-58, Cl. 229-85.
- Broman, Bror O., to Aktiebolaget A. Ekstroms Maskinaffar. Cleaning the gas-swept heating surfaces of heat exchangers. 2,864,587, 12-16-58, Cl. 257-1.
- Broman, Cyrus R.: *See*—
Gewecke, Theodore H., Broman, and Kompelien. 2,855,131.
- Broman, Cyrus R., to Baxter Laboratories, Inc. Fluid flow regulator for flexible tubing. 2,825,333, 3-4-58, Cl. 128-214.
- Broman, John S., to Morgardshammars Mek. Verkstads Aktiebolag. Gytratory crushers. 2,820,596, 1-21-58, Cl. 241-211.
- Brombacher, Heinrich. Ammunition for firearms. 2,835,198, 5-20-58, Cl. 102-38.
- Bromberg, Marvin L., to E. I. du Pont de Nemours and Co. Purification of zirconium tetrachlorides by fractional distillation. 2,852,446, 9-16-58, Cl. 202-39.
- Bromley, Frank, to The Eddystone Mfg. Co. Back greys. 2,827,684, 3-25-58, Cl. 28-78.
- Bromo-Mint Co.: *See*—
Kuhn, James O. 2,820,321.
- Bromo-Mint Co., Inc.: *See*—
Steiner, Albert M. 2,820,233.
- Steiner, Albert M. 2,828,963.
- Bronaugh, Hugh J., to Thiokol Chemical Corp. Preparation of alkali metal borohydrides. 2,849,276, 8-26-58, Cl. 23-14.
- Brondyke, Kenneth J.: *See*—
Stroup, Philip T., and Brondyke. 2,840,463.
- Brondyke, Kenneth J., and P. T. Stroup, to Aluminum Co. of America. Filtering molten aluminous metal. 2,863,558, 12-9-58, Cl. 210-69.
- Bronner, Carl. Marking instrument or scribe. 2,851,774, 9-16-58, Cl. 30-164.9.
- Bronnimann, Albert J. Sealing cap for containers. 2,820,563, 1-21-58, Cl. 215-41.
- Bronstert, Franz: *See*—
Querengasser, Hugo, Wild, Bronstert, Sindel, and Hentschel. 2,842,608.
- Bronstien, Edward L., Jr., and R. A. Fisher, to The United States Bedding Co. Automatic mattress tufting machine. 2,855,878, 10-14-58, Cl. 112-3.
- Bronzavia S. A.: *See*—
Delest, René. 2,828,741.
- Brook, Arthur F., to Wire-O Corp. Spring means for holding the operating shaft of a punch in the punch open position. 2,829,739, 4-8-58, Cl. 188-83.
- Brook, Arthur F., to Mechan-O Corp. Machine for inserting and coiling the wire in binder ring formation. 2,836,203, 5-27-58, Cl. 140-71.
- Brook, Arthur F., to Wire-O Corp. Contents indicator for binder covers. 2,852,275, 9-16-58, Cl. 281-31.
- Brook, Ernest: *See*—
Murray, George H., and Brook. 2,833,382.
- Brook, James E., to Bendix Aviation Corp. Dividing and limiter circuit. 2,845,528, 7-29-58, Cl. 250-27.
- Brook, Leonard, to The Forgeville Co. Ltd. Wrapping machines. 2,847,807, 8-19-58, Cl. 53-53.
- Brooke, Clarke H. Vertical incinerator grate. 2,859,743, 11-11-58, Cl. 126-163.
- Brookens, Ronald G.: *See*—
Clark, Gerald A., Havens, and Brookens. 2,858,293.
- Brooker, Leslie G. S., and E. J. Van Lare, to Eastman Kodak Co. Sensitization of silver halide emulsions by merocyanines from triazolo bases. 2,852,384, 9-16-58, Cl. 96-102.
- Brooker, Leslie G. S., and D. W. Heseltine, to Eastman Kodak Co. Merocyanine dyes and intermediates. 2,856,404, 10-14-58, Cl. 260-240.
- Brooker, Robert M.: *See*—
Nash, Harold A., and Brooker. 2,831,796.
- Brookes, Alfred D., and A. R. Smith, to British Industrial Plastics Ltd. Mechanical finishing of textile fabrics. 2,820,715, 1-21-58, Cl. 117-11.
- Brookhyser, Byron B.: *See*—
Erickson, Harold E., and Brookhyser. 2,860,790.
- Brooks, Alfred A.: *See*—
Seelig, Herman S., and Brooks. 2,856,347.
- Brooks, Arlie B. Sand trap for insert type deep well pump. 2,858,772, 11-4-58, Cl. 103-220.
- Brooks, Chester B., A. E. Joel, and M. E. Krom, to Bell Telephone Laboratories, Inc. Trunk selection system. 2,853,554, 9-23-58, Cl. 179-18.
- Brooks, E. J., Co.: *See*—
Brooks, Winfred M. 2,821,424.
- Brooks, Winfred M. 2,847,675.
- Brooks, Winfred M. 2,847,774.
- Moberg, Sigurd M. 2,854,035.
- Tierney, Joseph E. 2,864,188.
- Brooks, Edward H., Jr.: *See*—
Brooks, Edward H., Sr. 2,864,672.
- Brooks, Edward H., Sr., 49% to E. H. Brooks, Jr. Organic waste reduction apparatus. 2,864,672, 12-16-58, Cl. 23-259.1.
- Brooks, Frank W., Jr., and C. A. Duval, Jr., to Socony Mobil Oil Co., Inc. Process for purifying petroleum with multi-phase treating solutions of alkyl phenols and alkali and process for regenerating said solutions. 2,850,434, 9-2-58, Cl. 196-32.
- Brooks, Herbert B., to Hughes Aircraft Co. Frequency divider. 2,860,247, 11-11-58, Cl. 250-36.
- Brooks, Jerry R. Gravity operated collapsible trap. 2,824,405, 2-25-58, Cl. 43-61.
- Brooks, Jerry R. Engine starting device. 2,835,241, 5-20-58, Cl. 123-179.
- Brooks, Kenneth G. Panoraming tripod head with camera activating handle. 2,836,514, 4-15-58, Cl. 95-86.
- Brooks, Lester A., to R. T. Vanderbilt Co., Inc. Oxidation of ethylene bisdithiocarbamates. 2,845,453, 7-29-58, Cl. 260-500.
- Brooks, Marguerite E.: *See*—
Rudner, Bernard, and Brooks. 2,848,450.
- Brooks, Marvin C., and R. H. Ewart, to United States Rubber Co. Rubber compounding and vulcanizate of the resulting product. 2,831,828, 4-22-58, Cl. 260-41.5.
- Brooks, Marvin C., and R. H. Ewart, to United States Rubber Co. Rubber compounding and vulcanizate thereof. 2,831,829, 4-22-58, Cl. 260-41.5.
- Brooks, Maxwell J., and J. W. Swaine, to Allied Chemical Corp. Fluid burning of finely divided sulfide ore concentrates. 2,850,371, 9-2-58, Cl. 75-9.
- Brooks, Moses E., to Aluminum Co. of America. Roll neck bearing seals. 2,860,931, 11-18-58, Cl. 308-36.1.
- Brooks and Perkins, Inc.: *See*—
Kirkpatrick, James S. 2,841,082.
- Kirkpatrick, James S., and Zylstra. 2,841,083.
- Brooks, Robert B.: *See*—
Jacobson, James W. A., and Brooks. 2,822,692.
- Brooks, Robert M., and V. R. Grassie, to Hercules Powder Co. Improved process for the manufacture of chlorinated rubber. 2,864,876, 12-16-58, Cl. 260-772.
- Brooks, Robert W.: *See*—
Dean, Franklin R., and Brooks. 2,820,897.
- Brooks, Roy L. Apparatus for unloading cars. 2,857,028, 10-21-58, Cl. 192-31.
- Brooks, Russell, to The Martin Co. Multi-position electrical switch. 2,857,485, 10-21-58, Cl. 200-6.
- Brooks, Thomas E., to Lisle Corp. Correction hone. 2,823,497, 2-18-58, Cl. 51-184.3.
- Brooks, Thomas E., to Lisle Corp. Tool mounting. 2,834,232, 5-13-58, Cl. 77-2.
- Brooks, Tröy H. Floating suction for liquids. 2,832,512, 4-29-58, Cl. 222-376.
- Brooks, Winfred M., to E. J. Brooks Co. Shackle seal. 2,821,424, 1-28-58, Cl. 292-317.
- Brooks, Winfred M., to E. J. Brooks Co. Sealing tool. 2,847,675, 8-19-58, Cl. 1-215.
- Brooks, Winfred M., to E. J. Brooks Co. Tag. 2,847,774, 8-19-58, Cl. 40-2.
- Brookshire, Guy: *See*—
Garner, Wayne C., and Brookshire. 2,844,318.
- Brookside Products Co., Inc.: *See*—
Forth, Claude A., Sr. 2,853,140.
- Broom, Robert F., to Austenal, Inc. Milling cutter. 2,858,599, 11-4-58, Cl. 29-103.
- Broome, Oscar E. Outdoor cookers. 2,860,570, 11-18-58, Cl. 99-421.
- Broomhead, Charles, to Peter Spence & Sons Ltd. Cobalt molybdate catalysts. 2,830,960, 4-15-58, Cl. 252-465.
- Brophy, James N. Disposer. 2,846,152, 8-5-58, Cl. 241-43.
- Brouquist, Harry P., L. R. Hines, and A. R. Kohler, to American Cyanamid Co. Method of preserving dressed poultry and composition therefor. 2,866,708, 12-30-58, Cl. 99-157.
- Brosene, William G., Jr., and L. J. Mitter, to Whirlpool Corp. Adjustable broiler. 2,843,104, 7-15-58, Cl. 126-41.
- Broske, William F., to AMP Inc. Bolt cutter. 2,850,802, 9-9-58, Cl. 30-226.
- Brousseau, Don A.: *See*—
Johnson, Sam J., and Brousseau. 2,854,793.
- Brossi, Arnold, O. Schneider, and M. Walter, to Hoffmann-La Roche Inc. Quinolizine derivatives. 2,830,992, 4-15-58, Cl. 260-287.
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- Brossman, Martin W., to United States of America, Navy. Recycling displacement measuring and recording device. 2,849,272, 8-26-58, Cl. 346-51.
- Brotchie, Walter J., to United Shoe Machinery Corp. Lasting machines. 2,827,644, 3-25-58, Cl. 12-8.8.
- Brother, George H., and M. H. Knowles, to Union Lumber Co. Method of fireproofing redwood bark fibers. 2,852,408, 9-16-58, Cl. 117-66.
- Brothers, David V., and F. D. Ammen, to Talking Scales, Inc. Annunciating weighing machine. 2,844,662, 7-22-58, Cl. 179-100.1.
- Brotman, Jack: *See*—
Brotman, Morton and J., and Diener. 2,828,151.
- Brotman, Morton and J., and D. Diener. Safety lock for vehicle doors. 2,828,151, 3-25-58, Cl. 292-144.
- Brotzmann, Karl: *See*—
Harders, Fritz, Knüppel, and Brotzmann. 2,852,721.
- Harders, Fritz, Knüppel, and Brotzmann. 2,853,655.
- Harders, Fritz, Knüppel, and Brotzmann. 2,864,877.
- Harders, Fritz, Knüppel, Winkler, Brotzmann, and Kutscher. 2,859,262.
- Broughton, John L., to Union Oil Co. of California. Diesel engine fuel. 2,858,200, 10-28-58, Cl. 44-57.
- Broughton, Arthur E. Cushioned white water shower cleaner for paper making machines. 2,829,005, 4-1-58, Cl. 299-59.
- Broughton, Donald B.: *See*—
Gerhold, Clarence G., and Broughton. 2,840,620.
- Broughton, Douglas J., to Buxton, Inc. Combination pocket receptacles. 2,855,012, 10-7-58, Cl. 150-35.
- Brouillard, Robert E.: *See*—
Schulze, Chris C., Kirby, and Brouillard. 2,842,552.
- Brouillard, Robert E., and T. D. Muffaffs, to General Aniline & Film Corp. Phthalocyanine lakes. 2,838,415, 6-10-58, Cl. 106-289.
- Brouillard, Robert E., T. D. Muffaffs, and M. O. Shrader. Acid milling of phthalocyanine pigments. 2,840,568, 6-24-58, Cl. 260-314.5.
- Brouk, Joseph J. Wall embodying masonry panels. 2,825,221, 3-4-58, Cl. 72-17.
- Broussard, Charles J., $\frac{1}{2}$ to W. T. Castleberry. Portable shield. 2,818,927, 1-7-58, Cl. 169-1.
- Broussard, Charles J., $\frac{1}{2}$ to W. T. Castleberry. Portable shielded booth and walls. 2,818,928, 1-7-58, Cl. 169-1.
- Broussard, Douglas E., to Shell Development Co. Apparatus for offshore well logging. 2,852,936, 9-23-58, Cl. 73-152.
- Broussard, Leo: *See*—
Kimberlin, Charles N., and Broussard. 2,827,577.
- Broussaud, Georges, to Compagnie Generale de Telegraphie Sans Fil. Directional aeriels. 2,820,221, 1-14-58, Cl. 343-753.
- Broussaud, Georges, and J. Simon, to Compagnie Generale de Telegraphie Sans Fil. Electromagnetic wave detector device. 2,830,267, 4-8-58, Cl. 324-95.
- Brout, Henry: *See*—
Diller, Isaac M. 2,851,359.
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- Diller, Isaac M. 2,851,361.
- Brouwer, Willem, to Baird Associates-Atomic Instrument Co. Spectroscopic apparatus. 2,856,531, 10-14-58, Cl. 250-13.5.
- Browerman, Howard L., to Sprague Electric Co. Remote monitoring amplification. 2,854,570, 9-30-58, Cl. 250-20.
- Browerman, Michael, to General Electric Co. Bushing terminal guard. 2,834,829, 5-13-58, Cl. 174-138.
- Browell, Bert H., to Svenska Aktiebolaget Bromsregulator. Automatic slack adjuster for brakes. 2,824,628, 2-25-58, Cl. 183-196.
- Browell, Bert H. Brake gear construction and arrangement in railway car trucks. 2,832,440, 4-29-58, Cl. 188-52.
- Browell, Bert H., to Technica Establishment. Packing for pistons. 2,840,428, 6-24-58, Cl. 309-23.
- Browder, Jewel D. Electrode very low frequency radio receiving antenna for submarines. 2,840,700, 6-24-58, Cl. 250-20.
- Brower, David F., and R. H. Griest, to Hughes Aircraft Co. Integral transformer electromagnetic transducer. 2,840,643, 6-24-58, Cl. 179-100.2.
- Brower, David F., to Hughes Aircraft Co. Magnetic Aircraft Co. Magnetic transducer. 2,863,002, 12-2-58, Cl. 179-100.2.
- Brower, Frank M., to The Dow Chemical Co. Sulfonated oil shale. 2,858,333, 10-28-58, Cl. 260-504.
- Brower, Frederick L., to General Motors Corp. Method of plating. 2,820,754, 1-21-58, Cl. 204-202.
- Brower, Paul W., to Owens-Illinois Glass Co. Forming glass molding tools. 2,820,375, 1-21-58, Cl. 76-107.
- Brown, Alfred E., and H. Bogaty, to The Gillette Co. Hair waving composition comprising a disulfide and either a non-corresponding mercaptan or thiourea dioxide. 2,847,351, 8-12-58, Cl. 167-87.1.
- Brown, Alfred S.: *See*—
Spina, Anthony N., and Brown. 2,820,984.
- Brown, Alfred W.: *See*—
Marzocchi, Alfred, Brown, and Rammel. 2,846,348.
- Brown, Allan H., to the United States of America as represented by the Secretary of the Navy. Echo box having constant-transient decay time. 2,831,171, 4-15-58, Cl. 333-83.
- Brown, Amon H.: *See*—
Graham, Robert P., Brown, and Ramage. 2,853,797.
- Schultz, Thomas H., Brown, and Walker. 2,857,281.
- Brown, Anthony J., and J. B. Silva. Scraper. 2,858,627, 11-4-58, Cl. 37-129.
- Brown, Archer W.: *See*—
Frank, Richard E., and Brown. 2,822,745.
- Brown, Arling D., Jr., and L. F. Valenti, to Clevite Corp. Variable speed transmission. 2,819,624, 1-14-58, Cl. 74-368.
- Brown, Arling D., Jr., and L. F. Valenti, to Clevite Corp. Drive mechanism. 2,845,802, 8-5-58, Cl. 74-57.
- Brown, Arling D., Jr., and L. F. Valenti, to Clevite Corp. Reversible drive. 2,845,820, 8-5-58, Cl. 74-780.
- Brown, Arthur B., and J. W. Sparks, to Standard Oil Co. Ozonization of olefinic compounds to a carboxylic acid and an aldehyde. 2,819,279, 1-7-58, Cl. 260-413.
- Brown, Arthur C. L.: *See*—
Curry, Charles H., and Brown. 2,864,941.
- Brown, Arthur J., to Pak-Rak Inc. Latch for reusable paper-board boxes. 2,828,990, 4-1-58, Cl. 292-67.
- Brown, Arthur J., C. F. Osgood, Jr., and W. M. Grosvenor, Jr., to General Strapping Corp. Automatic package banding or strapping machine. 2,864,303, 12-16-58, Cl. 100-27.
- Brown, Arthur K., Jr.: *See*—
Austin, Leonard E., Brown, and Ettinger. 2,849,101.
- Austin, Leonard E., Ettinger, and Brown. 2,846,144.
- Brown, Arthur S.: *See*—
Gage, Robert T., and Brown. 2,819,728.
- Brown, Benjamin F.: *See*—
Vlannes, Peppino N., Strauss, and Brown. 2,862,860.
- Brown & Bigelow: *See*—
Esslinger, John, Jr. 2,831,279.
- Fry, Clair V. 2,839,860.
- Gruber, Francis E. 2,827,782.
- Munson, Everis D. 2,822,633.
- Olson, John J. 2,840,878.
- Thull, John F. 2,852,930.
- Brown Boveri (Canada) Ltd.: *See*—
Keller, Konrad H., Flood, and Buser. 2,851,549.
- Brown, Boveri Corp.: *See*—
Maly, Claude M. 2,836,789.
- Brown-Brockmeyer Co., The: *See*—
Brown, Steffen S. 2,841,724.
- Brown, Calvin O., and X. R. Dodge, to Set Screw & Mfg. Co. Self-locking thread with locking interference fit. 2,842,180, 7-8-58, Cl. 151-22.
- Brown, Carl F., C. M. Gooding, and H. W. Yahlteich, to The Best Foods, Inc. Mold inhibiting processes and products thereof. 2,856,294, 10-14-58, Cl. 99-166.
- Brown, Carl R.: *See*—
Weber, Alex. C. 2,823,346.
- Brown, Charles E., and A. Bloom, to Sierra Engineering Co. Tracheotomy instrument. 2,865,374, 12-23-58, Cl. 128-305.
- Brown, Charles F.: *See*—
Green, Isaac H. C., and Brown. 2,861,441.
- Brown, Charles H., to Morning Coffee, Inc. Water-heating apparatus for use in making hot beverages. 2,819,377, 1-7-58, Cl. 219-38.
- Brown, Charles K., Jr. Dish washer with automatic jet operation. 2,840,838, 7-1-58, Cl. 15-74.
- Brown, Charles K., Jr. Mixing faucet. 2,847,031, 8-12-58, Cl. 137-637.4.
- Brown, Charles K., Jr. Block molding machine. 2,859,502, 11-11-58, Cl. 25-41.
- Brown, Charles M. Thread cabinet. 2,852,172, 9-16-58, Cl. 223-106.
- Brown, Chauncey T., to Spring Load Mfg. Corp. Wrench including internally threaded split ring. 2,846,910, 8-12-58, Cl. 81-64.
- Brown, Chauncey T., to Spring Load Mfg. Corp. Tenoning tool. 2,861,608, 11-25-58, Cl. 144-205.
- Brown, Cicero C. Combination packer and well control device. 2,822,874, 2-11-58, Cl. 166-119.
- Brown, Cicero C. Packer with internal stem hold-down. 2,822,875, 2-11-58, Cl. 166-129.
- Brown, Cicero C. Well packers. 2,825,410, 3-4-58, Cl. 166-139.
- Brown, Cicero C. Well packer. 2,829,717, 4-8-58, Cl. 166-131.
- Brown, Cicero C. Hold-down devices for well packers. 2,836,250, 5-27-58, Cl. 166-134.
- Brown, Cicero C. Cross-over well apparatus. 2,840,167, 6-24-58, Cl. 166-152.
- Brown, Cicero C. Well packers. 2,845,126, 7-29-58, Cl. 166-119.
- Brown, Cicero C. Well production apparatus. 2,850,099, 9-2-58, Cl. 166-127.
- Brown, Cicero C. Valves. 2,850,102, 9-2-58, Cl. 166-226.
- Brown, Cicero C. Cup seal and anchor unit for pipes. 2,862,559, 12-2-58, Cl. 166-121.
- Brown Citrus Machinery Corp.: *See*—
Alexander, Bruce, Kingsbury, and Andrews. 2,853,107.
- Harden, Carl, Nicholas, and McKinnis. 2,848,025.
- Harden, Carl, Stansbury, and Kingsbury. 2,822,010.
- Brown, Clarence: *See*—
Gradoff, Alex, Howell, and Vinoff. 2,822,569.
- Brown, Clarence A., to Jones Graphic Products Co. Method for producing a printing plate. 2,830,899, 4-15-58, Cl. 96-36.

- Brown, Clarence H.: *See*—
Carlson, Marvin C., and Brown. 2,823,278.
- Brown, Clifford K. Fishing rod and reel accessory. 2,861,379, 11-25-58, Cl. 43—25.2.
- Brown, Clyde A., to Selmix Dispensers, Inc. Fountain dispensers. 2,830,737, 4-15-58, Cl. 222—129.1.
- Brown Co.: *See*—
Archer, Edward M. 2,858,210.
Fair, Albert E. H. 2,857,824.
Morse, Erwin E., and Hearn. 2,845,441.
- Brown, D. S. Co., The: *See*—
Brown, Maurice H. and H. R. 2,823,155.
- Brown, David: *See*—
Egbert, Robert B., and Brown. 2,833,819.
Egbert, Robert B., Brown, and Safer. 2,833,820.
- Brown, David, to Chempatents, Inc. Chlorination process. 2,839,589, 6-17-58, Cl. 260—654.
- Brown, David A.: *See*—
Schubert, Dale L., Erickson, Nelson, and Brown. 2,824,610.
- Brown, David, Tractors (Engineering) Ltd.: *See*—
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- Brown, Delmar L. Apparatus for reproducing sound. 2,851,539, 9-9-58, Cl. 179—100.3.
- Brown, Donald A.: *See*—
Price, Rudolph, and Brown. 2,847,893.
- Brown, Donald E. Combination chipping and barker device. 2,847,045, 8-12-58, Cl. 144—162.
- Brown, Dwight C. Game apparatus. 2,832,596, 4-29-58, Cl. 273—85.
- Brown, Edgar A., to International Business Machines Corp. Magnetic core logical device. 2,855,586, 10-7-58, Cl. 340—174.
- Brown, Edgar D., Jr., to General Electric Co. Silicone lubricating oils. 2,830,953, 4-15-58, Cl. 252—49.6.
- Brown, Edmund D., to United Aircraft Corp. Afterburner shroud construction. 2,846,842, 8-12-58, Cl. 60—35.6.
- Brown, Edward A.: *See*—
Cusic, John W., and Brown. 2,832,775.
- Brown, Edward G. Water saving flush valve unit for toilets. 2,852,783, 9-23-58, Cl. 4—57.
- Brown, Edwin C., and J. Antos, to Baldwin-Lima-Hamilton Corp. Trailer type of elevating grader attachment. 2,856,705, 10-21-58, Cl. 37—110.
- Brown, Eldridge. Anti-theft device for apartment house mail receptacles. 2,832,529, 4-29-58, Cl. 232—25.
- Brown, Elsie-Mio. Bookrest. 2,823,488, 2-18-58, Cl. 45—57.
- Brown, Ernest M., $\frac{1}{2}$ to K. B. Thompson. Retractable seal for a slidable closure member. 2,820,261, 1-21-58, Cl. 20—68.
- Brown, Ethel C. Hair drying bag. 2,820,305, 1-21-58, Cl. 34—99.
- Brown, Everett R., to Automatic Timing & Controls, Inc. Rotary shaft actuated apparatus. 2,852,514, 9-16-58, Cl. 220—4.
- Brown, Everett R., Jr., to Philco Corp. Transfer pallet. 2,819,784, 1-14-58, Cl. 198—19.
- Brown Flintube Co.: *See*—
Brown, John W., Jr., and Nihlen. 2,826,672.
Brown, John W., III, and Nihlen. 2,857,961.
- Brown-Forman Distillers Corp.: *See*—
Paige, Richard E. 2,830,697.
- Brown, Forrest W., to The Reflectone Corp. Scoring circuit. 2,837,336, 6-3-58, Cl. 273—102.2.
- Brown, Forrest W., to The Reflectone Corp. Impulse responsive circuit. 2,837,700, 6-3-58, Cl. 317—141.
- Brown, Forrest W., and K. J. Chichester, to The Reflectone Corp. Electrically scoring target. 2,819,084, 1-7-58, Cl. 273—102.2.
- Brown, Forrest W., and K. J. Chichester, to The Reflectone Corp. Electrically scoring target. 2,819,085, 1-7-58, Cl. 273—102.2.
- Brown, Francis L. R. Electric accumulators. 2,823,244, 2-11-58, Cl. 136—55.
- Brown, Frank A., to National Dairy Products Corp. Sized paper and method of making. 2,830,916, 4-15-58, Cl. 117—156.
- Brown, Frank E., to Chas. Pfizer & Co., Inc. Machine for assembling hypodermic syringes. 2,823,500, 2-18-58, Cl. 53—53.
- Brown, Frank E., to Chas. Pfizer & Co., Inc. Machine for assembling hypodermic syringes. 2,824,361, 2-25-58, Cl. 29—211.
- Brown, Frank E., to Unette Corp. Stoppering apparatus. 2,840,970, 7-1-58, Cl. 53—324.
- Brown, Frank E., to Chas. Pfizer & Co., Inc. Machine for applying end closures to hypodermic syringes. 2,841,940, 7-8-58, Cl. 53—311.
- Brown, Frank E., to F. M. Turnbull. Syringe assembly. 2,842,126, 7-8-58, Cl. 128—218.
- Brown, Frank E. Dispenser. 2,855,931, 10-14-58, Cl. 128—233.
- Brown, George E., Jr. Stable completely oxidized macromolecular composition. 2,858,238, 10-28-58, Cl. 177—164.
- Brown, George H., Jr., to Radio Corp. of America. Calculator. 2,819,526, 1-14-58, Cl. 33—1.
- Brown, George L., and W. R. Conn, to Rohm & Haas Co. Copolymer-wax composition. 2,845,398, 7-29-58, Cl. 260—28.5.
- Brown, George P., Jr., E. I. Crowley, and N. W. Franke, to Gulf Research & Development Co. Process for producing dibasic carboxylic acids. 2,831,024, 4-15-58, Cl. 260—631.
- Brown, George R.: *See*—
McChesney, James S., and Brown. 2,863,470.
- Brown, George R., to Security Rock Bits Ltd. Rock drilling bits. 2,831,661, 4-22-58, Cl. 255—313.
- Brown, George W.: *See*—
King, Gilbert W., Hughes, Brown, and Ridenour. 2,843,841.
- Brown, George W., to Telemeter Magnetics, Inc. Shifting register for a sorting system. 2,862,617, 12-2-58, Cl. 209—72.
- Brown, Gerald H., and E. G. Lewis, to J. Leukart Machine Co., Inc. Impacting machine. 2,856,828, 10-21-58, Cl. 94—48.
- Brown, Gilbert G., to Bendix Aviation Corp. Ultrasonic tinning apparatus. 2,824,543, 2-25-58, Cl. 118—72.
- Brown, Glenn D. Planting depth equalizer. 2,829,578, 4-8-58, Cl. 97—56.
- Brown, Gordon E., to Monsanto Chemical Co. Aqueous urea formaldehyde and melamine formaldehyde water-resistant hot-setting adhesives. 2,836,574, 5-27-58, Cl. 260—29.4.
- Brown-Graves Co.: *See*—
Graves, Harold E. and H. E., Jr. 2,854,268.
- Brown, Guy L., and R. P. McMurrich, to Commonwealth of Australia, Crown Solicitor's Office. Apparatus for indicating the plastic deformation of materials. 2,826,062, 3-11-58, Cl. 73—95.
- Brown, Harold, Co.: *See*—
Roach, Erskine E. 2,852,080.
- Brown, Harold H., and W. Cook. Metallic building wall. 2,837,153, 6-3-58, Cl. 160—371.
- Brown, Harold L. Orifice box and flow regulator for fluid meters. 2,830,617, 4-15-58, Cl. 137—553.
- Brown, Harold P.: *See*—
Bauman, Richard G., and Brown. 2,858,281.
- Brown, Harrison S.: *See*—
Seaborg, Glenn T., and Brown. 2,833,617.
- Brown, Harrison S., and O. F. Hill, to the United States of America as represented by the United States Atomic Energy Commission. Method of separating plutonium. 2,822,239, 2-4-58, Cl. 23—14.5.
- Brown, Harrison S., and O. F. Hill, to United States of America, Atomic Energy Commission. Process of separating plutonium from uranium. 2,851,333, 9-9-58, Cl. 23—14.5.
- Brown, Harry C. Road scriber. 2,853,783, 9-30-58, Cl. 33—41.
- Brown, Harry J., to Union Carbide Corp. Method of sintering chromium-alumina metal ceramics. 2,837,428, 6-3-58, Cl. 75—206.
- Brown, Harry L., to Minneapolis-Honeywell Regulator Co. Gyroscopic apparatus. 2,841,987, 7-8-58, Cl. 74—5.1.
- Brown, Harry W. Base-baffle socket assembly. 2,842,660, 7-8-58, Cl. 250—16.
- Brown, Harry W., to Cutler-Hammer, Inc. Electric switches and parts therefor. 2,845,499, 7-29-58, Cl. 200—6.
- Brown, Harvey A.: *See*—
Ahlbrecht, Arthur H., and Brown. 2,841,573.
- Brown, Henry: *See*—
Becking, Donald H., and Brown. 2,852,449.
- Brown, Henry, to The Udylyte Research Corp. Chromium electroplating. 2,846,380, 8-5-58, Cl. 204—51.
- Brown, Henry, to The Udylyte Research Corp. Method for improving electric storage batteries. 2,857,295, 10-21-58, Cl. 136—154.
- Brown, Henry, D. H. Becking, and T. W. Tomaszewski, to The Udylyte Research Corp. Alkynoxy acids. 2,841,602, 7-1-58, Cl. 260—431.
- Brown, Henry L. Duplex radio communication systems. 2,854,665, 9-30-58, Cl. 343—180.
- Brown, Henry R., Jr.: *See*—
Horsfall, Robert B., Jr., Brown, and Turner. 2,827,602.
- Brown, Herbert C. Method for hydrogenating organic compounds by reacting with alkali metal borohydrides. 2,856,428, 10-14-58, Cl. 260—570.9.
- Brown, Herbert C., to Ethyl Corp. Borine trialkyl amines. 2,860,167, 11-11-58, Cl. 260—583.
- Brown, Herbert C., and W. S. Higley, to Standard Oil Co. Propylene polymerization with PF_5 . 2,819,328, 1-7-58, Cl. 260—683.15.
- Brown, Herbert D.: *See*—
Brown, Lawrence W., H. D., and P. E. 2,821,922.
- Brown, Herbert K., to The Tillotson Mfg. Co. Charge forming and fuel feeding apparatus. 2,823,905, 2-18-58, Cl. 261—37.
- Brown, Hollis P., and W. R. Rikli, to American Forging and Socket Co. Method for indenting tubes. 2,825,962, 3-11-58, Cl. 29—548.
- Brown, Horace D.: *See*—
Sarett, Lewis H., Brown, and Matzuk. 2,853,486.
- Brown, Horace D., to Merck & Co., Inc. Antitussive compositions. 2,820,739, 1-21-58, Cl. 167—65.
- Brown, Horace D., to Merck & Co., Inc. Preparation of 3-acetyl-6-substituted- Δ^6 -desoxymorphine. 2,821,531, 1-28-58, Cl. 260—285.
- Brown, Howard D. Hydraulically operated truck derricks. 2,838,182, 6-10-58, Cl. 212—8.

- Brown, Howard G., to Novelty Tool Co., Inc. C-ring strip package. 2,862,612, 12-2-58, Cl. 206-56.
- Brown, Howard R.: See—
- Brown, Maurice H. and H. R. 2,823,155.
- Brown, Hugh S., to Briggs & Stratton Corp. Guard and cleaner for clipping outlet of rotary mower. 2,823,508, 2-18-58, Cl. 56-25.4.
- Brown, Ho M., to Ballantyne Co. Protective cone assembly for loud speakers. 2,829,728, 4-8-58, Cl. 181-31.
- Brown, Irving, to Sun Oil Co. Differential amplifier circuits. 2,846,522, 8-5-58, Cl. 179-171.
- Brown, Irving C., Jr.: See—
- Bowles, Robert R., Jr., and Brown. 2,845,383.
- Brown, Jack A.: See—
- Hennies, Stuart R., and Brown. 2,829,352.
- Brown, Jack E. Folding shoe shine stands. 2,836,842, 6-3-58, Cl. 15-265.
- Brown, Jack E., and G. Koslow. Toasters. 2,865,282, 12-23-58, Cl. 99-390.
- Brown, Jack G. Method and apparatus for the manufacture of phonograph records. 2,862,233, 12-2-58, Cl. 18-5.3.
- Brown, James D.: See—
- Spencer, William H., and Brown. 2,853,746.
- Brown, James D., to Toledo Scale Co. Knife guard for slicing machines. 2,823,718, 2-18-58, Cl. 146-102.
- Brown, James D., to Toledo Scale Corp. Band saw detritus deflector. 2,851,009, 9-9-58, Cl. 143-158.
- Brown, James E., 50% to F. N. Williams. Holder for vehicle body panels. 2,827,690, 3-25-58, Cl. 29-288.
- Brown, James L.: See—
- Ferguson, Richard, and Brown. 2,832,458.
- Brown, James W.: See—
- Jahnig, Charles E., Barr, and Brown. 2,852,439.
- Martin, Homer Z., and Brown. 2,852,441.
- Brown, James W., to Esso Research and Engineering Co. Staged heat hardening of fluid coke briquettes. 2,838,385, 6-10-58, Cl. 44-23.
- Brown, James W., to Esso Research and Engineering Co. Heat treating fluid coke briquettes. 2,843,462, 7-15-58, Cl. 44-24.
- Brown, Jerome E.: See—
- De Witt, Earl G., Shapiro, and Brown. 2,864,843.
- Shapiro, Hymin, DeWitt, and Brown. 2,839,552.
- Brown, Jerome E., and H. Shapiro, to Ethyl Corp. Fuel composition. 2,819,953, 1-14-58, Cl. 44-74.
- Brown, John, to United States of America, Navy. Carrier frequency converter system. 2,852,748, 9-16-58, Cl. 332-41.
- Brown, John C. Plate hangers. 2,826,384, 3-11-58, Cl. 248-30.
- Brown, John F., Jr., to General Electric Co. Chloro-nitro compounds and their preparation. 2,837,578, 6-3-58, Cl. 260-644.
- Brown, John H., and E. W. Nagel, to Wrought Iron Range Co. Oven door hinge assembly. 2,833,270, 5-6-58, Cl. 126-191.
- Brown, John H., Jr., and N. B. Lorette, to The Dow Chemical Co. Preparation of ketals. 2,827,494, 3-18-58, Cl. 260-615.
- Brown, John K., to Westinghouse Electric Corp. Fuel ignition apparatus for an afterburner in the bypass duct of a turbojet engine. 2,847,821, 8-19-58, Cl. 60-35.6.
- Brown, John K., to United States of America, Navy. High temperature ceramic turbine. 2,855,179, 10-7-58, Cl. 253-77.
- Brown, John S.: See—
- Clevett, Merton L., Jr., and Brown. 2,832,116.
- Jancosek, Andrew T., and Brown. 2,861,941.
- Brown, John S., and A. T. Jancosek, to Standard Oil Co. Production of low cold-test oils. 2,862,868, 12-2-58, Cl. 208-25.
- Brown, John W. Means for determining patency in the uterus of cows and similar animals. 2,845,930, 8-5-58, Cl. 128-348.
- Brown, John W., Jr., and A. C. K. Nihlen, to Brown Fintube Co. Method of welding fins to tubes. 2,826,672, 3-11-58, Cl. 219-81.
- Brown, John W., III, and A. C. K. Nihlen, to Brown Fintube Co. Oil burners. 2,857,961, 10-28-58, Cl. 158-76.
- Brown, Joseph P. Material handling device. 2,857,194, 10-21-58, Cl. 294-86.
- Brown, Julian S., to E. L. Lewis. Mixing apparatus for mixing materials of different characteristics. 2,860,857, 11-18-58, Cl. 259-96.
- Brown, Justin W., to Chastanooga Boiler & Tank Co. Apparatus and process for filling bags. 2,853,105, 9-23-58, Cl. 141-285.
- Brown, Kale C. Ball hitch connector. 2,833,564, 5-6-58, Cl. 280-512.
- Brown, Keevil L. Toy guided by remote control. 2,857,710, 10-28-58, Cl. 46-239.
- Brown, Keith B.: See—
- Schmitt, John M., Blake, Brown, and Coleman. 2,859,094.
- Brown, Kenneth L.: See—
- Fink, Carl K., and Brown. 2,819,235.
- Brown, Kenneth R., to Ferranti, Ltd. Rotary electric generators. 2,832,904, 4-29-58, Cl. 310-42.
- Brown, Kenneth S., and T. N. Bassnett, to International Standard Electric Corp. Pre-stressed grids for electron tubes. 2,861,211, 11-18-58, Cl. 313-348.
- Brown, Lawrence L., to Caterpillar Tractor Co. Bearing retaining means. 2,821,444, 1-28-58, Cl. 308-23.
- Brown, Lawrence W., E. D., and P. E. Rocket toy and launcher therefor. 2,821,922, 2-4-58, Cl. 102-34.2.
- Brown, Leanna J. Table for handicapped persons. 2,837,389, 6-3-58, Cl. 311-29.
- Brown, Lee V., to Sinclair Refining Co. Process of sulfonation. 2,845,455, 7-29-58, Cl. 260-504.
- Brown Lenox and Co. Ltd.: See—
- Hutchison, William M., and Hopkins. 2,861,535.
- Brown, Leona J.: See—
- Adams, Dorothy E., and Brown. 2,826,246.
- Brown, Leonard, V. T. Migliorini, C. Lenz, and W. C. Smitley, to General Electric Co. Machine for coating bell-shaped electrical suspension insulators. 2,821,158, 1-28-58, Cl. 118-2.
- Brown, Leslie C., 1/2 to J. T. Pemberton. Method and apparatus for luring and catching fish. 2,832,168, 4-29-58, Cl. 43-17.1.
- Brown, Leslie S., and K. A. Ives, to Hook-Brown Co. Elastic loop fastener and method of making the same. 2,845,670, 8-5-58, Cl. 24-16.
- Brown, Lester H., to S. C. Johnson & Son, Inc. Automatic floor mop. Re. 24,583, 12-30-58, Cl. 15-98.
- Brown, Linsly G.: See—
- De Mambro, Gene, and Brown. 2,835,083.
- Brown, Lloyd H., and E. A. Reineck, to Quaker Oats Co. Artificial resin from furfuryl alcohol, formaldehyde and boric acid, and process of making the same. 2,830,971, 4-15-58, Cl. 260-67.
- Brown, Lloyd H., E. A. Reineck, and P. G. Huett, to The Quaker Oats Co. Artificial resin from furfuryl alcohol, formaldehyde, and magnesium sulfate, and process of making the same. 2,840,543, 6-24-58, Cl. 260-67.
- Brown, Lloyd K., to National Paper Box Ltd. Reclosable carton. 2,826,060, 3-25-58, Cl. 229-37.
- Brown, Louis B. Writing guide for blind persons. 2,819,541, 1-14-58, Cl. 35-38.
- Brown, Lowell N. Pneumatic tap hammer. 2,823,646, 2-18-58, Cl. 121-3.
- Brown, Maurice E.: See—
- Sidun, William L., Brown, and Milligan. 2,853,363.
- Brown, Maurice H., and H. R., to The D. S. Brown Co. Elastic strap with reinforced bifurcated ends. 2,823,155, 2-11-58, Cl. 154-43.
- Brown, Melvin H., to Aluminum Co. of America. Metallic pigment formulations. 2,848,344, 8-19-58, Cl. 106-227.
- Brown, Mervyn G.: See—
- Snarr, James L., and Brown. 2,836,729.
- Brown, Milfred L.: See—
- Hale, Arlan B., Brown, and Parrish. 2,841,101.
- Brown, Morden G.: See—
- Polanyi, Michael L., Robins, Johnston, and Brown. 2,850,239.
- Brown, Morris A., to ACF Industries, Inc. Heat control for automatic choke thermostat. 2,840,065, 6-24-58, Cl. 123-119.
- Brown, Myron J., to Westinghouse Electric Corp. Voltage balancing system. 2,840,723, 6-24-58, Cl. 307-57.
- Brown, Ned C. L., to General Railway Signal Co. Car retarders for railway classification yards. 2,858,907, 11-4-58, Cl. 188-62.
- Brown, Needham A.: See—
- Hignett, Travis P., Stinson, Brown, and Nason. 2,856,279.
- Brown, Norman F.: See—
- Garrett, Henry U., and Brown. 2,838,005.
- Garrett, Henry U., and Brown. 2,838,006.
- Brown, Norman F., to U. S. Industries, Inc. Pressure responsive reciprocating pistons. 2,825,356, 3-4-58, Cl. 137-155.
- Brown, Norman M., Jr., and C. A. Shank, to The Garrett Corp. High temperature regulator. 2,835,450, 5-20-58, Cl. 236-78.
- Brown, Norman R.: See—
- Cowdery, Robert E., and Brown. 2,860,334.
- Brown, Owen. Wood-embellishing apparatus. 2,846,801, 8-12-58, Cl. 41-1.
- Brown, Paul E.: See—
- Brown, Lawrence W., H. D., and P. E. 2,821,922.
- Brown, Paul L. Soil moisture probe. 2,860,515, 11-18-58, Cl. 73-425.
- Brown, Perry H.: See—
- Haight, Laurence J., and Brown. 2,854,926.
- Brown, Peter, and G. Carp, to United States of America, Army. Radiation detector system. 2,858,448, 10-28-58, Cl. 250-83.3.
- Brown, Peter M., Jr., and T. Govett, to Reheis Co., Inc. Substituted aluminum alcohols and methods of making same. 2,823,169, 2-11-58, Cl. 167-90.
- Brown, Ralph E., to Genisco, Inc. Oscillating test table. 2,827,790, 3-25-58, Cl. 74-25.
- Brown, Ralph E., to Genisco, Inc. Speed reducing accessory for rate-of-turn test table. 2,830,473, 4-15-58, Cl. 74-802.
- Brown, Raymond E.: See—
- Stelmak, John P., and Brown. 2,862,158.
- Brown, Raymond W., and G. A. Mitchell, to Western Electric Co., Inc. Apparatus for measuring pulse characteristics. 2,847,570, 8-12-58, Cl. 250-36.
- Brown, Richard A.: See—
- Bentley, Donald J., and Brown. 2,830,788.

- Brown, Richard E.: *See*—
Walton, George M., Slater, Brown, and Sobek, 2,822,926.
- Brown, Robert A., to Remington Arms Co., Inc. Light pulse producing apparatus. 2,825,002, 2-25-58, Cl. 315-166.
- Brown, Robert C.: *See*—
McKnight, George S., Jr., and Brown, 2,865,773.
- Brown, Robert J. S., to California Research Corp. Flexible coil for well logging. 2,838,732, 6-10-58, Cl. 324-10.
- Brown, Robert L.: *See*—
Elmas, Edwin F., 2,863,195.
- Mummert, John F., Williams, and Brown, 2,847,755.
- Brown, Robert R., to Elastic Stop Nut Corp. of America. Electrical connection. 2,839,636, 6-17-58, Cl. 200-133.
- Brown, Roger W., to Cone Automatic Machine Co., Inc. Work orienting mechanism. 2,829,424, 4-8-58, Cl. 29-57.
- Brown, Roland, to Block & Anderson Ltd. Sheet feed control means for rotary hectographic copying machines. 2,826,141, 3-11-58, Cl. 101-132.5.
- Brown, Rollen E.: *See*—
Bennett, Vivian R., and Brown, 2,834,339.
- Brown, Roy A.: *See*—
Király, Karl L., 2,826,975.
- Brown, Russell A.: *See*—
Adams, Charles J., and Brown, 2,856,545.
- Brown, Russell H., to Standard Oil Co. Process for stabilizing furnace oil. 2,853,430, 9-23-58, Cl. 196-29.
- Brown, Russell H., W. P. Fairchild, and F. K. Kawahara, to Standard Oil Co. Copper chloride sweetening. 2,848,373, 8-19-58, Cl. 196-29.
- Brown & Sharpe Mfg. Co.: *See*—
Hirsch, George B., 2,862,422.
- Brown, Steffen S., to The Brown-Brockmeyer Co. Mounting for garage door unit. 2,841,724, 7-1-58, Cl. 310-76.
- Brown, Stephen S., to Esso Research and Engineering Co. Volume compensator for measuring tanks. 2,836,066, 5-27-58, Cl. 73-223.
- Brown, Tate H., Ribbon roller attachment for ribbon loom. 2,833,216, 5-6-58, Cl. 139-307.
- Brown, Theodore D.: *See*—
Weixelman, Lawrence M., and Brown, 2,854,596.
- Brown, Thomas, to Pneumatic Components Ltd. Pulsating type air-dispensing apparatus. 2,850,035, 9-2-58, Cl. 137-224.5.
- Brown, Thomas T., to Marconi's Wireless Telegraph Co. Ltd. Control systems for matching impedance networks. 2,834,887, 5-13-58, Cl. 250-40.
- Brown, Titus R., Sr. Cleaning device. 2,828,501, 4-1-58, Cl. 15-114.
- Brown, Vincent C. Locking attachment for electric extension cords. 2,833,997, 5-6-58, Cl. 339-90.
- Brown, Wallace M.: *See*—
Norrie, Robert C., and Brown, 2,831,675.
- Norrie, Robert C., and Brown, 2,831,701.
- Brown, Wallace M., to Pacific Car and Foundry Co. Fifth-wheel assembly. 2,857,174, 10-21-58, Cl. 280-438.
- Brown, Wallace M., and R. A. Holmstrom, to Pacific Car and Foundry Co. Spring suspension. 2,831,674, 4-22-58, Cl. 267-54.
- Brown, Walter J. Thermal regulating system. 2,842,345, 7-8-58, Cl. 257-3.
- Brown, Wilbur F.: *See*—
Goodwillie, David H., and Brown, 2,824,411.
- Brown, William B.: *See*—
Emerson, William A., Brown, and Kuhne, 2,840,677.
- Brown, William B., to Westinghouse Electric Corp. Work-piece handling apparatus. 2,853,588, 9-23-58, Cl. 219-10.69.
- Brown, William C., to Raytheon Mfg. Co. Electron-discharge devices. 2,832,005, 4-22-58, Cl. 315-39.3.
- Brown, William C., to Raytheon Mfg. Co. Modulated traveling-wave tube. 2,859,411, 11-4-58, Cl. 332-58.
- Brown, William D. Trenching machine. 2,828,557, 4-1-58, Cl. 37-90.
- Brown, William E.: *See*—
Fischback, Bryant C., Harris, Brown, and Taplin, 2,826,611.
- Brown, William E., D. M. Gurney, and E. A. Leavengood, to General Motors Corp. Direction signal. 2,863,013, 12-2-58, Cl. 200-61.34.
- Brown, William F., Jr., and M. H. Jones. Axial loading creep and rupture machine. 2,837,915, 6-10-58, Cl. 73-95.
- Brown, William F., Jr., and M. H. Jones. Temperature controller. 2,866,882, 12-30-58, Cl. 219-20.
- Brown, William H.: *See*—
Conklin, William S., and Brown, 2,824,650.
- Brown, William R. Combination furniture. 2,843,856, 7-22-58, Cl. 5-16.
- Brown, William V., to Rohm & Haas Co. Preparation of potassium dinitrocyanomethide. 2,840,591, 6-24-58, Cl. 260-465.1.
- Brown & Williamson Tobacco Corp.: *See*—
Tucker, Irwin W., and Moll, 2,849,005.
- Brown, Winton, and H. W. Rawlings, to Eastman Kodak Co. Separation of sterols from deodorizer sludges. 2,843,610, 7-15-58, Cl. 260-397.25.
- Brown, Wolstan C. Manikin device for illustrating dynamic movement. 2,843,946, 7-22-58, Cl. 35-29.
- Browne, Donald W., to Acra Electric Corp. Electrical heating element. 2,824,199, 2-18-58, Cl. 201-67.
- Browne, Frank A., Jr., to American Machine & Foundry Co. Beacon coders. 2,832,951, 4-29-58, Cl. 340-348.
- Browne, Harold L.: *See*—
Collings, William R., and Browne, 2,831,611.
- Browne, Kenneth A., to The Chesapeake and Ohio Railway Co. Compler apparatus. 2,843,056, 7-15-58, Cl. 105-4.
- Browne, Kenneth A., and S. G. Guins, to The Chesapeake and Ohio Railway Co. Air spring with damping valve. 2,827,283, 3-18-58, Cl. 267-65.
- Browne, Lindsay H. Pumps. 2,836,121, 5-27-58, Cl. 103-44.
- Browne, Mervin F., to Allied Chemical Corp. Method of precision casting. 2,848,773, 8-26-58, Cl. 22-193.
- Browne, Reginald H., A. R. Chandler, and W. E. Storer, to Viscose Development Co. Ltd. Machine for the application of regenerated cellulose sealing rings to bottles or the like. 2,858,660, 11-4-58, Cl. 53-291.
- Brownell, Lloyd E., and S. A. Zieminski, to United States of America, Agriculture. Machine for pulping sugar beets. 2,858,079, 10-28-58, Cl. 241-39.
- Browner, William J., to Relaxacizor, Inc. Electrical body treating device. 2,842,135, 7-8-58, Cl. 128-422.
- Browner, William J., to Relaxacizor, Inc. Means for toning muscles and connective tissues. 2,842,136, 7-8-58, Cl. 128-422.
- Brownfield, Charles F. Construction of can and dispenser. 2,828,890, 4-1-58, Cl. 222-83.
- Brownfield, Charles F. Wedge lock tool-head fastener. 2,844,414, 7-22-58, Cl. 306-33.
- Browning, Arthur J. Protective device for electric circuit switching apparatus. 2,856,567, 10-14-58, Cl. 317-60.
- Browning, Edgar P.: *See*—
Ethington, Lloyd W., Browning, and Davis, 2,858,803.
- Browning, Grant E. Nailing machine. 2,829,369, 4-8-58, Cl. 1-10.
- Browning, Harold: *See*—
Downing, Willis T., and Browning, 2,852,037.
- Browning, Harold, and S. P. Johnson. Pipe fitting capable of absorbing torsional deflections. 2,857,175, 10-21-58, Cl. 285-45.
- Browning, Iben, and L. S. Lockingen. Dispensing devices. 2,823,835, 2-18-58, Cl. 222-254.
- Browning Torch Corp.: *See*—
Cairns, Walter J., 2,854,067.
- Browning, William R.: *See*—
White, Maurice W., Browning, and Hinkle, 2,866,212.
- Brownlee, Kenneth H., to The Meyerord Co. Machine for applying transfers. Re. 2,4516, 8-12-58, Cl. 41-1.
- Brownlee, Kenneth H., to National Products Corp. Marking apparatus for applying printed indicia to a moving web. 2,864,309, 12-16-58, Cl. 101-244.
- Brownlee, Wayne H., to Kurz-Kasch, Inc. Stencil screen frame. 2,832,285, 4-29-58, Cl. 101-127.1.
- Brownlee, William R. Load assigning apparatus for electric power systems. 2,861,196, 1-18-58, Cl. 307-57.
- Brownlee, William R. Measuring and controlling apparatus. 2,861,197, 11-18-58, Cl. 307-57.
- Brownley, Trenholm L., and W. F. Paulsen, to E. I. du Pont de Nemours and Co. Clamp. 2,821,001, 1-28-58, Cl. 24-136.
- Brown's Beach Jacket Co.: *See*—
Hennessey, William P., 2,865,025.
- Browncombe, Philip J. Low frequency loudspeaker. 2,846,520, 8-5-58, Cl. 179-115.5.
- Brownson, Harvey A. Combined seal cutter and closure removing device. 2,823,395, 2-18-58, Cl. 7-14.25.
- Brownstein, Benjamin. Mandrel structure for rolling tubes. 2,827,810, 3-25-58, Cl. 78-103.
- Brownstein, Joseph S. Means for attaching military insignia to garments. 2,850,818, 9-9-58, Cl. 40-15.
- Brownstein, Louis. Method and apparatus for forming a closed loop of tape threaded through a buckle. 2,847,954, 8-19-58, Cl. 112-2.
- Brownyer, Nelson R., to Rockwell Spring and Axle Co. Multiple clutch mechanism with blocker teeth. 2,846,038, 8-5-58, Cl. 192-48.
- Brownyer, Nelson R., to Rockwell Spring and Axle Co. Multi-speed drive train for vehicle. 2,858,713, 11-4-58, Cl. 74-700.
- Broyles, Horace N.: *See*—
Wilson, James S., Perman, Hansen, Broyles, Evans, Pavoni, and Kindel, 2,864,218.
- Broyles, Horace N., G. W. Evans, P. Pavoni, and W. H. Kindel, to United Mattress Machinery Co. Packing apparatus. 2,850,857, 9-9-58, Cl. 53-124.
- Broyles, Margaret H.: *See*—
Meyer, Lester W. A., and Broyles, 2,831,777.
- Meyer, Lester W. A., and Broyles, 2,839,418.
- Broz, Albert F. Valve construction. 2,863,630, 12-9-58, Cl. 251-173.
- Brozowski, Vincent J.: *See*—
Folkins, Hillis O., Jacobs, and Brozowski, 2,846,363.
- Bru Research Institute: *See*—
Viale, Richard J., 2,852,655.
- Brubacher, Joseph G., to Sperry Rand Corp. Centrifugal drier construction. 2,863,507, 12-23-58, Cl. 210-143.
- Brubaker, Ammon M.: *See*—
Lux, Russell E., and Brubaker, 2,823,160.
- Lux, Russell E., and Brubaker, 2,823,161.
- Brubaker, Clarence B., deceased; V. J. Bailey and W. J. Chiappella, administrators. Cotton bale tie buckle. 2,843,905, 7-22-58, Cl. 24-200.

- Brubaker Electronics Inc.: *See*—
Gahagen, Carl D. 2,853,564.
- Bruce, Charles R.: *See*—
Berry, William, Rose, and Bruce. 2,845,541.
- Bruce, Chester A., Jr.: *See*—
Nissel, Urban L., and Bruce. 2,828,446.
- Bruce, Donald M., and R. H. Burns, to Electro-Hydraulics Ltd. Fluid pressure operated multilinear servo-systems. 2,860,548, 11-18-58, Cl. 90-13.
- Bruce, E. L., Co.: *See*—
Garner, William H. 2,827,398.
Lyons, Frank H. 2,827,385.
Lyons, Frank H. 2,830,004.
- Bruce Engineering Corp.: *See*—
Bruce, John K. 2,864,212.
- Bruce, Ewen A. G. C., to H. W. Weston. Spraying booms. 2,843,424, 7-15-58, Cl. 299-30.
- Bruce, George D.: *See*—
Heule, Robert A., Emery, Bruce, and MacSorley. 2,861,200.
- Bruce, Jay C.: *See*—
Altenberg, Gustav A., and Bruce. 2,859,866.
- Bruce, John K., to Albert Van Luit & Co. Drying apparatus. 2,831,269, 4-22-58, Cl. 34-155.
- Bruce, John K., to Bruce Engineering Corp. Packaging method and apparatus. 2,864,212, 12-16-58, Cl. 53-3.
- Bruce, John M., Jr.: *See*—
Anderson, Arthur W., Bruce, and Fallwell. 2,862,917.
Brebner, Donald L., Bruce, and Stamatoff. 2,822,357.
- Bruce, John N.: *See*—
Di Mattia, Samuel P., and Bruce. 2,838,073.
- Bruce, John N., to United States of America, Army. Pump for corrosive agents. 2,853,024, 9-23-58, Cl. 103-148.
- Bruce Molded Plastics Products, Inc.: *See*—
Marks, Lou F., and Louik. 2,846,800.
- Bruce Peebles & Co. Ltd.: *See*—
Clapham, Harold E. C. 2,841,725.
- Bruce, Robert A., to Barker Equipment Co. Wire carrying case. 2,856,093, 10-14-58, Cl. 220-19.
- Bruce, Robert A., to Barker Equipment Co. Wire case having sheet metal bottom. 2,860,808, 11-18-58, Cl. 220-19.
- Bruce, Stanford P., to Wheel Trueing Tool Co. Rotary solenoid type indexing mechanism. 2,845,920, 8-5-58, Cl. 125-11.
- Bruce, Stanford P., and A. T. Kohlstrunk, to Wheel Trueing Tool Co. Hydraulic in-feeding mechanism for diamond tools. 2,862,492, 12-2-58, Cl. 125-11.
- Bruce, William F., and J. Diamond, to American Home Products Corp. Mixed salts of 3, 4, 5, 6-tetraiodophthalic acid opaque to X-radiation. 2,830,079, 4-8-58, Cl. 260-501.
- Bruce, William F., and R. S. Hanslick, to American Home Products Corp. Fatty acid amides and derivatives thereof. 2,844,629, 7-22-58, Cl. 260-561.
- Bruce, William F., and J. Seifter, to American Home Products Corp. Substituted glycinamides. 2,856,427, 10-14-58, Cl. 260-561.
- Bruce, Marshall H., to the United States of America, as represented by the United States Atomic Energy Commission. Radiation sources. 2,831,122, 4-15-58, Cl. 250-86.
- Bruch, Frank F., to U. S. Slicing Machine Co., Inc. Slidable table for meat and bone saws. 2,856,972, 10-21-58, Cl. 143-25.
- Brück, Erhard: *See*—
Leitz, Ernst, Brück, and Uhl. 2,860,200.
- Bruck, George, J. J. Lamplot, and W. R. Harter, to Avco Mfg. Co. Transistor voltage or current regulator. 2,832,035, 4-22-58, Cl. 323-22.
- Bruck, John P., and F. W. Mittins, to The Porter-Cable Machine Co. Saber saw structure. 2,842,170, 7-8-58, Cl. 143-68.
- Brucken, Byron L.: *See*—
Long, George B., and Brucken. 2,820,129.
Snyder, Harold M., and Brucken. 2,824,206.
- Brucken, Byron L., to General Motors Corp. Gyration and rotation mechanism for domestic appliance. 2,863,311, 12-9-58, Cl. 68-12.
- Brucker, Francis X. Wrapped ham. 2,849,322, 8-26-58, Cl. 99-174.
- Brucker Milton, to Zenith Plastics Co. Method for molding plastic. 2,841,826, 7-8-58, Cl. 18-55.
- Bruckman, William C., to The Easy Washing Machine Co., Ltd. Drive for automatic washer. 2,826,056, 3-11-58, Cl. 68-23.
- Bruckman, William C., to Easy Washing Machine Co., Ltd. Tub structure. 2,836,301, 5-27-58, Cl. 210-360.
- Bruckmann, Bruno W., to the United States of America as represented by the Secretary of the Air Force. Gas turbine aircraft power plant having a contraflow air-fuel combustion system. 2,827,759, 3-25-58, Cl. 60-35.6.
- Bruckmayer, Friedrich. Building construction. 2,841,975, 7-8-58, Cl. 72-1.
- Brucksch, William F., Jr.: *See*—
Peterson, Dean E., and Brucksch. 2,838,471.
- Brudrick, George W. Profile grinder. 2,822,649, 2-11-58, Cl. 51-234.
- Bruderlein, Ernst J., Akt. fuer Unternehmungen der Eisen-und Stahlindustrie. Resonant oscillating device. 2,839,193, 6-17-58, Cl. 209-365.
- Brudney, Harry, to Dollac Corp. Doll's eyes. 2,838,874, 6-17-58, Cl. 46-169.
- Brueckenbau Flender G. m. b. H.: *See*—
Riedel, Erich. 2,858,025.
Wehner, Albert. 2,831,576.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Spark-ignition engines. 2,825,320, 3-4-58, Cl. 123-117.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Hydraulic suspension system for vehicle with level corrector and balancing of front and rear axle reactions. 2,828,138, 3-25-58, Cl. 280-124.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Constant height suspension device for vehicle frame. 2,836,431, 5-27-58, Cl. 280-112.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Vibration absorbing transmission devices. 2,844,012, 7-22-58, Cl. 64-14.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Electromagnetic brake. 2,852,708, 9-16-58, Cl. 310-93.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Centering device for steering automotive vehicles. 2,862,722, 12-2-58, Cl. 280-94.
- Bruegger, Ernest, to The Griscorn-Russell Co. Axial finned tube banding head construction. 2,857,661, 10-28-58, Cl. 29-202.
- Bruegger, Ernest, and P. S. Otten, to The Griscorn-Russell Co. Heat exchanger construction. 2,864,404, 12-16-58, Cl. 138-38.
- Bruehl, Lawrence, to the United States of America as represented by the Secretary of the Army. Pressure boosted hydraulic motor control system. 2,828,610, 4-1-58, Cl. 60-51.
- Bruene, Warren B., to Collins Radio Co. Grid bias regulator. 2,858,454, 10-28-58, Cl. 307-44.
- Bruestle, Armin O.: *See*—
Krekeler, Claude B., Cartridge, and Bruestle. 2,851,261.
- Bruestle, Armin O., and C. B. Krekeler, to The Cincinnati Mine Machinery Co. Cutter bits having reinforcing ribs. 2,828,117, 3-25-58, Cl. 262-33.
- Bruestle, Armin O., and C. B. Krekeler, to The Cincinnati Mine Machinery Co. Mining cutter bit having a resilient tongue. 2,860,863, 11-18-58, Cl. 262-33.
- Bruet, Henri R., 1/2 to Societe Anonyme dite: Etablissements A. Cazeneuve. Arrangement for adjusting the position of the dead center in machine tools. 2,860,538, 11-18-58, Cl. 82-31.
- Bruger, Charles W., deceased; W. S. Usher, executor, to L. Taffe. Shaft and holder for cleaning implements. 2,864,110, 12-16-58, Cl. 15-144.
- Brugger, Kurt: *See*—
Ott, Gustav H., Marxer, Zumstein, and Brugger. 2,839,480.
- Brugmann, Elmer W., to United States of America, Atomic Energy Commission. Corrosion resistant jacketed metal body. 2,849,387, 8-26-58, Cl. 204-193.2.
- Brugmann, Elmer W., to United States of America, Atomic Energy Commission. Corrosion resistant jacketed metal body. 2,849,388, 8-26-58, Cl. 204-193.2.
- Brugmann, Elmer W., to United States of America, Atomic Energy Commission. Corrosion resistant jacketed metal body. 2,849,389, 8-26-58, Cl. 204-193.2.
- Brugmann, William H., Jr., and J. M. Boyle, to Esso Research and Engineering Co. Diphenylamine-metal polysulfide reaction products and method of preparing same. 2,848,444, 8-19-58, Cl. 260-133.
- Brugmann, William H., Jr., J. H. Bartlett, A. J. Morway, and F. Knoth, Jr., to Esso Research and Engineering Co. Lubricating grease compositions containing aliphatic sulfonic acid soap. 2,854,408, 9-30-58, Cl. 252-33.
- Bruhn, Edna M.: *See*—
Bruhn, William R. 2,825,994.
- Bruhn, William R., 1/2 to E. M. Bruhn. Trolling device with depth controlling means. 2,825,994, 3-11-58, Cl. 43-43.13.
- Bruington, Eldon J. Fishing line sinker. 2,856,723, 10-21-58, Cl. 43-43.13.
- Bruins, Paul F.: *See*—
Gerson, Edward, and Bruins. 2,856,635.
- Bruma, Marc, to Centre National de la Recherche Scientifique. Machining systems making use of intermittent electrical discharges. 2,845,520, 7-29-58, Cl. 219-69.
- Bruma, Marc, and M. Magat, to Centre National de la Recherche Scientifique. Device for machining, by means of electric sparks, pieces made of electricity conducting materials. 2,827,595, 3-18-58, Cl. 315-180.
- Brumagin, Ivan S. Shaft seal. 2,836,440, 5-27-58, Cl. 286-11.15.
- Brumbaugh, Donald Q., to United States of America, Navy. Rocket decelerated mine. 2,848,945, 8-26-58, Cl. 102-7.
- Brumbaugh, George U., to Peterbilt Motors, Co. Sidesway-controlling vehicle frame suspension system. 2,821,407, 1-28-58, Cl. 280-104.5.
- Brumbaugh, George U., to Peterbilt Motors Co. Rear end suspension. 2,843,395, 7-15-58, Cl. 280-104.5.
- Brumberger, Sydney. Projection slide changing device. 2,844,895, 7-29-58, Cl. 40-79.
- Brumby, Augusta K., and A. B. Mergen. Disposable ash receiving receptacle. 2,856,113, 10-14-58, Cl. 229-1.5.
- Brumby, Harold, to Blackburn and General Aircraft Ltd. Collapsible aircraft seats. 2,830,652, 4-15-58, Cl. 165-139.
- Brumek, Frank, 1/2 to H. E. Mees. Electric heating massager. 2,837,084, 6-3-58, Cl. 128-24.1.

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- Brumfield, John C., to I-T-E Circuit Breaker Co. Motor operated circuit breaker. 2,845,509, 7-29-58, Cl. 200-92.
- Brumfield, John C., to I-T-E Circuit Breaker Co. Mechanism for motor operation of a circuit breaker. 2,864,911, 12-16-58, Cl. 200-92.
- Brumley-Donaldson Co.: See—
- Brewster, Frank S. 2,861,893.
- Brunner, Edmund A.: See—
- Ikard, Wallace L., and Brummer. 2,864,568.
- Brummett, William S. Gas mixer. 2,859,102, 11-4-58, Cl. 48-180.
- Brunckhorst, Oscar E., to S. Johnson. Adjustable leg ladder. 2,854,180, 9-30-58, Cl. 228-64.
- Brundage, Alan D., to Houdaille Industries Inc. Electrical control system for a mechanical movement. 2,827,105, 3-18-58, Cl. 155-14.
- Brundage, Alan D., to The Bingham-Herbrand Corp. Power operated emergency brake. 2,835,353, 5-20-58, Cl. 188-106.
- Brundage, Alan D., to Houdaille Industries, Inc. Non-jamming screw and nut assembly for actuator. 2,837,931, 6-10-58, Cl. 74-424.8.
- Brundage, Alan D., to Indiana Commercial Filters Corp. Center-tube assembly for filters. 2,846,074, 8-5-58, Cl. 210-457.
- Brundage, Alan D., to Indiana Commercial Filters Corp. Filter. 2,859,876, 11-11-58, Cl. 210-323.
- Brundage, Alan D., and C. P. Fletcher, to Ford Motor Co. Speedometer warning device. 2,856,475, 10-14-58, Cl. 200-56.
- Brundage, Clinton F.: See—
- Ackerman, Joseph I., Jr., Edwards, Smith, Brundage, and Dwyer. 2,845,002.
- Brundage, Helen S. Cord storage device. 2,834,078, 5-13-58, Cl. 24-71.2.
- Brundage, James W., to National Rubber Machinery Co. Tire curing press. 2,858,566, 11-4-58, Cl. 18-17.
- Brundell, Per G., and K. E. A. Jonsson, to Soderhamns Verkstad A. B. Machine for removing bark from logs. 2,857,945, 10-28-58, Cl. 144-208.
- Brundell, Per G., and K. E. A. Jonsson, to Soderhamns Verkstad Aktiebolag. Arrangement for disintegrating slivers of bark in debarking machines of the so-called hollow-head type. 2,860,672, 11-18-58, Cl. 144-208.
- Brunderman, Vincent G., to Jetco Mfg. Co. Motorized vehicle. 2,844,209, 7-22-58, Cl. 180-89.
- Brundin, Nils H., to Hoganas-Billesholms Aktiebolag. Method for the production of metal powder for powder metallurgical purposes. 2,857,270, 10-21-58, Cl. 75-218.
- Brundin, Nils H., to Hoganas-Billesholms Aktiebolag. Method in the production of iron powder of desired grain size. 2,860,044, 11-11-58, Cl. 75-5.
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- Meltzer, Ezra, and Herrault. 2,820,999.
- Brune, William L.: See—
- Jorgensen, Otto C., D'Andreano, and Brune. 2,857,517.
- Brunei, Thomas A.: See—
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- Bruges, Benjamin F., Jr. Temperature measuring and metal fatigue indicating means. 2,830,286, 4-8-58, Cl. 340-233.
- Brunhoff Mfg. Co., The: See—
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- Bruni, Gorgo J.: See—
- Ashley, Kenneth D., and Bruni. 2,859,183.
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- Brunner, Richard, H. Margreiter, and K. Riedl, to American Home Products Corp. Dibenzylethylenediamine-penicillin V. 2,820,789, 1-21-58, Cl. 260-239.1.
- Brunner, Richard J., and M. C. Rohr, to General Motors Corp. Anti-percolating device for a carburetor. 2,824,727, 2-25-58, Cl. 261-65.
- Brunner, Rudolph. Diameter differential gauge. 2,844,880, 7-29-58, Cl. 33-178.
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- Kinstler, Robert C., Barker, and Brunnstrom. 2,840,564.
- Bruno, Alexander. Dust caps for roller skate wheels. 2,837,376, 6-3-58, Cl. 301-37.
- Bruno, Anthony T., and M. J. Speno. Leveler. 2,830,391, 4-15-58, Cl. 37-105.
- Bruno, John T. Cooling unit. 2,866,324, 12-30-58, Cl. 62-406.
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- Gullixson, Harold R., and Bruns. 2,831,682.
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- Bruns, Ludwig: See—
- Wilms, Hugo, Bayer, Bunge, and Bruns. 2,839,478.
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- Bruns, William H., to Otis Elevator Co. Elevator control system. 2,846,027, 8-5-58, Cl. 187-29.
- Bruns, William H., P. Karmel, and B. W. Tucker, Jr., to Otis Elevator Co. Door operating mechanism. 2,850,115, 9-2-58, Cl. 187-52.
- Brunsing, Rex L., and W. A. Webb, to Western Vegetable Industries, Inc. Method of cooling and preserving lettuce and leafy vegetables. 2,832,690, 4-29-58, Cl. 99-193.
- Brunson, Amber N., to Brunson Instrument Co. Optical transit square. 2,849,911, 9-2-58, Cl. 88-14.
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- Brunson, Amber N. 2,849,911.
- Brunson, Thayer R., to Rocky Mountain Metal Products Co. Welding apparatus. 2,843,723, 7-15-58, Cl. 219-86.
- Brunson, Virgil A., to Blackmer Pump Co. Fuel oil pump. 2,821,934, 2-4-58, Cl. 103-221.
- Brunsting, Ralph, and C. M. Casselman, to Ra-Ma Co., Inc. Work jig for flexible moldings. 2,855,046, 10-7-58, Cl. 164-79.
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- Brunstrum, Lawrence C., and H. J. Liehe, to Standard Oil Co. Rheopectic grease composition. 2,846,394, 8-5-58, Cl. 252-41.
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- Mohr, Robert G. 2,831,208.
- Montooth, George A. 2,841,397.
- Montooth, George A., and Bowen. 2,853,300.
- Brunswig, Hannelore: See—
- Brunswig, Karl. 2,821,201.
- Brunswig, Irma: See—
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- Brunswig, Karl, deceased, by I. H., and K. Brunswig, to Korber, Kurt & Co. K. G. Device for axially shifting cigarettes and mouthpieces together. 2,821,201, 1-28-58, Cl. 131-94.
- Brusca, Joseph L., to S. K. F. Industries, Inc. Pillow blocks. 2,829,933, 4-8-58, Cl. 308-194.
- Brusdal, Olaf, to General Electric Co. Combination clothes washer and extractor. 2,849,894, 9-2-58, Cl. 74-573.
- Brunson, Herman A.: See—
- Ardis, Alan E., and Brunson. 2,857,428.
- Brunson, Herman A., to Industrial Rayon Corp. Polymeric compositions. 2,826,566, 3-11-58, Cl. 260-85.5.
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- Brusorio, Giovanni, and A. Rappa, to S. p. A. Officina Meccanica St. Andrea-Novara. Rectilinear combing machines. 2,831,216, 4-22-58, Cl. 19—116.
- Brusse, Archie B., to Rocky Mountain Metal Products Co., Inc. Orthodontic sectional arch wire. 2,821,020, 1-28-58, Cl. 32—14.
- Brust, Harry F.: *See*—
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- Brustad, Milius S. Releasable means for fastening mold parts. 2,855,645, 10-14-58, Cl. 22—158.
- Brutscher, Rufus A., Jr.: *See*—
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- Brutting, Ludwig, to M. Fuchs. Toys with independent release mechanisms for each winding drum. 2,864,200, 12-16-58, Cl. 46—40.
- Bruyning, Hugo G., to North American Philips Co., Inc. Pulse generator. 2,835,811, 5-20-58, Cl. 250—36.
- Bryan, Artis C., to Trucksteel Mfg. Co. Control apparatus for clutching devices. 2,839,940, 6-24-58, Cl. 74—359.
- Bryan, Hugh D., to Mead Johnson & Co. Medicament applicator. 2,848,998, 8-26-58, Cl. 128—260.
- Bryan, James D., to The Glenn L. Martin Co. Radar acquisition system. 2,819,461, 1-7-58, Cl. 343—11.
- Bryan, James S., to Philco Corp. Apparatus and method for overcoming scanning error effects in plural beam cathode ray tubes. 2,844,759, 7-22-58, Cl. 315—27.
- Bryan, John: *See*—
 Christensen, Paul M., and Bryan. 2,847,532.
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- Bryan, Loren A.: *See*—
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- Bryan, Samuel, to Laboratory of Electronic Engineering, Inc. Wide range loudspeaker. 2,819,772, 1-14-58, Cl. 181—31.
- Bryan, Thomas E., to Otis Engineering Corp. Gas lift valve assembly. 2,828,698, 4-1-58, Cl. 103—232.
- Bryan, William C., Jr. Grinding apparatus. 2,847,802, 8-19-58, Cl. 51—94.
- Bryan, William T. K. Binocular microscopes. 2,826,114, 3-11-58, Cl. 88—39.
- Bryans, Gary W., to Harco Industries, Inc. Attachment for laminating machines. 2,850,072, 9-2-58, Cl. 154—1.
- Bryant, Andrew J. Metal working tool. 2,828,529, 4-1-58, Cl. 29—96.
- Bryant, Andrew J. Device for radially relieving cutting tools. 2,852,894, 9-23-58, Cl. 51—97.
- Bryant, Austin U., to Grove Valve and Regulator Co. Metal cutting apparatus. 2,851,264, 9-9-58, Cl. 266—23.
- Bryant, Austin U., to Walworth Co. Gate valve. 2,861,771, 11-25-58, Cl. 251—172.
- Bryant, Charles C., to Parke, Davis & Co. Vitamin compositions and method for producing the same. 2,846,352, 8-5-58, Cl. 167—81.
- Bryant Chucking Grinder Co.: *See*—
 Cann, Roldal, 2,838,885.
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 Cargill, Jeffrey M., and Taft. 2,821,783.
 Durland, Philip C. 2,828,588.
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- Bryant, Clifford A., R. F. Hackney, and R. J. McNamara, to Cabin Crafts, Inc. Mending machine for tufted rugs. 2,862,466, 12-2-58, Cl. 112—79.
- Bryant, Corwin W., to Crane Co. Valve locking device. 2,844,021, 7-22-58, Cl. 70—175.
- Bryant, Corwin W., to Crane Co. Manual valve adapter. 2,859,639, 11-11-58, Cl. 74—625.
- Bryant, Edwin E., to Nelson Muffler Corp. Muffler. 2,825,421, 3-4-58, Cl. 181—57.
- Bryant Electric Co., The: *See*—
 Carlissimi, Vincent L. 2,831,085.
 Taylor, Owen L. 2,848,768.
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 Taylor, Owen L., and Anderson. 2,858,384.
- Bryant, Ellis H., Jr., to J. L. Franklin. Recording apparatus. 2,864,895, 12-16-58, Cl. 179—100.2.
- Bryant, Harold H., and L. C. Felton, to Hynson, Westcott & Dunning, Inc. Morpholino compounds having antispasmodic properties. 2,851,460, 9-9-58, Cl. 260—247.7.
- Bryant, Herbert W., to Bell Telephone Laboratories, Inc. Subscriber telephone set. 2,831,067, 4-15-58, Cl. 179—81.
- Bryant, Jasper L. Rotary valve. 2,830,564, 4-15-58, Cl. 121—187.
- Bryant, John H., to International Telephone and Telegraph Corp. Traveling wave electron discharge devices. 2,822,500, 2-4-58, Cl. 315—3.5.
- Bryant, John H., to International Telephone and Telegraph Corp. Traveling wave tube oscillators. 2,829,252, 4-1-58, Cl. 250—36.
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- Bryant, John M.: *See*—
 Cunningham, George L., Bryant, and Gause. 2,829,946.
- Bryant, Joseph N., to Hoffman Electronics Corp. Versatile impulse noise limiter or the like. 2,852,623, 9-16-58, Cl. 179—171.
- Bryant, Langston P.: *See*—
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- Bryant, Louis D., and J. H. Hunsucker, to J. I. Holcomb Mfg. Co., Inc. Resin-fortified wax polish compositions. 2,862,900, 12-2-58, Cl. 260—28.5.
- Bryant, Norman R., and M. E. Wilke, to Burgess Battery Co. Electric battery. 2,826,626, 3-11-58, Cl. 136—87.
- Bryant, Randolph, Jr., to Gulf Oil Corp. Paraffin scraper. 2,860,710, 11-18-58, Cl. 166—173.
- Bryant, William R. Process and apparatus for controlling the moisture content of lint cotton. 2,834,058, 5-13-58, Cl. 19—66.
- Brydges, Gordon J.: *See*—
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- Brydon, Edward W. Cleat. 2,836,141, 5-27-58, Cl. 114—218.
- Bryk, Petri B., and J. B. Honkasalo. Method for obtaining intimate contact between finely divided substances and gases. 2,853,361, 9-23-58, Cl. 23—1.
- Brymer, Andrew E., Jr., to Owens-Illinois Glass Co. Hydraulic control for glass pressing machines. 2,837,872, 6-10-58, Cl. 49—38.
- Bryson, Roy E. Liquid seal for rotating shafts. 2,852,284, 9-16-58, Cl. 286—8.
- Bub, Robert A., to Mine Safety Appliances Co. Gas filter element. 2,831,550, 4-22-58, Cl. 183—75.
- Bubriski, Stanley W., to Sprague Electric Co. Electrolytic capacitors. 2,862,155, 11-25-58, Cl. 317—230.
- Buc, Saul R., to General Aniline & Film Corp. Mono-cyano-ethylated 2-nitroaniline. 2,820,051, 1-14-58, Cl. 260—465.
- Bucci, James A.: *See*—
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- Bucci, Robert. Continuous furnaces. 2,859,023, 11-4-58, Cl. 263—6.
- Buccicone, Darlo, to Bucciconi Engineering Co., Inc. Bumper pad for sheet piling mechanism. 2,821,391, 1-28-58, Cl. 271—86.
- Buccicone, Darlo, to Bucciconi Engineering Co., Inc. Metal sheet handling apparatus. 2,847,111, 8-12-58, Cl. 198—41.
- Bucciconi Engineering Co., Inc.: *See*—
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- Bucek, Hans: *See*—
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- Bucek, Hans, to Elektrophysikalische Anstalt Bernhard Berghaus. Process and apparatus for carrying out technical processes by glow discharges. 2,824,210, 2-18-58, Cl. 219—50.
- Buchan, Rudolph C., to Esso Research and Engineering Co. Prevention of corrosion in wells. 2,846,385, 8-5-58, Cl. 204—148.
- Buchanan, Ben B.: *See*—
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- Buchanan, David L.: *See*—
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- Buchanan, David L., and E. M. Callender, to The Budd Co. Means for limiting loads on multiple unit power demand circuits. 2,831,982, 4-22-58, Cl. 307—35.
- Buchanan, Donald A., R. H. Miller, and J. E. Thornberg, to Hoker Chemical Corp. Removal of chlorine from chlorine-water solutions. 2,861,040, 11-18-58, Cl. 210—63.
- Buchanan, Donnell M., and P. L. Menaul, to Pan American Petroleum Corp. Making gelled hydrocarbons. 2,860,103, 11-11-58, Cl. 252—8.55.
- Buchanan, Edward R. Gun lock for trigger guard. 2,859,551, 11-11-58, Cl. 42—1.

- Buchanan, Michael K. Ice tray. 2,844,009, 7-22-58, Cl. 62-135.
- Buchanan, Mike E., to E. I. du Pont de Nemours and Co. Preparation of nitrobenzene. 2,849,497, 8-26-58, Cl. 260-645.
- Buchanan, William W.: See—
Utterback, Martin A. 2,826,866.
- Buchenberger, Leroy, and J. R. Hornback, to Whirlpool Corp. Device for mounting air conditioning unit in a casement window. 2,862,435, 12-2-58, Cl. 98-94.
- Bucher, Charles L., to Wayne Works, Inc. Vehicle loading and unloading mechanism. 2,829,786, 4-8-58, Cl. 214-83.24.
- Bucher, Francis X., R. J. Fahnestock, and F. J. Lundburg, to International Telephone and Telegraph Corp. Plural antenna assembly. 2,834,013, 5-6-58, Cl. 343-726.
- Bucher, Thomas T. N., to United States of America, Navy. Temperature compensating device for frequency determining circuits. 2,846,585, 8-5-58, Cl. 250-40.
- Bucher, Thomas T. N., to Radio Corp. of America. Frequency control circuit. 2,864,059, 12-9-58, Cl. 332-29.
- Bucher, Walter J. One man boat trailer. 2,821,315, 1-28-58, Cl. 214-505.
- Buchholtz, Friedrich, to International Standard Electric Corp. Circuit arrangement for the transmission of signals. 2,860,194, 11-11-58, Cl. 179-171.
- Buchholtz, Reinhardt E. Closure fastener. 2,857,191, 10-21-58, Cl. 292-17.
- Buchholz, Arnold R., to Brandt Automatic Cashier Co. Coin sorting and counting machine. 2,835,260, 5-20-58, Cl. 133-8.
- Buchholz, Arnold R., to Brandt Automatic Cashier Co. Coin delivery chute. 2,838,151, 6-10-58, Cl. 193-6.
- Buchholz, Arnold R., to Brandt Automatic Cashier Co. Coin delivery apparatus. 2,848,005, 8-19-58, Cl. 133-4.
- Buchholz, Arnold R., and F. Haban, to Brandt Automatic Cashier Co. Coin dispensing machine. 2,857,920, 10-28-58, Cl. 133-4.
- Buchholz, Arnold R., and F. Haban, to Brandt Automatic Cashier Co. Coin handling machine with adjustable passage. 2,861,580, 11-25-58, Cl. 133-8.
- Buchholz, Arnold R., and W. H. Sprenger, to Brandt Automatic Cashier Co. Coin dispensing machine. 2,864,385, 12-16-58, Cl. 133-2.
- Buchholz, Arnold R., and F. Haban, to Brandt Automatic Cashier Co. Coin counting machine. 2,866,469, 12-30-58, Cl. 133-8.
- Buchholz, Vincent. Boat trailers. 2,835,399, 5-20-58, Cl. 214-506.
- Buchholz, Werner, C. A. Deuschle, and D. J. Crawford, to International Business Machines Corp. Address selection system for a magnetic drum. 2,863,134, 12-2-58, Cl. 840-174.
- Buchi, Alfred. Internal combustion engines. 2,840,059, 6-24-58, Cl. 123-32.
- Buchi, Alfred. Turbine driven multi-stage blower or pump. 2,842,306, 7-8-58, Cl. 230-116.
- Buchi, Alfred J. Coupling devices. 2,843,311, 7-15-58, Cl. 230-116.
- Buchi, Alfred J. Inlet control for radial flow turbines. 2,861,774, 11-25-58, Cl. 253-52.
- Buchler, Joseph. Evaporator. 2,865,445, 12-23-58, Cl. 159-23.
- Büchner, Karl, and J. Meis, to Ruhrchemie Akt. Production of tricyclodecane-dicarboxylic acid. 2,841,614, 7-1-58, Cl. 260-514.
- Büchner, Karl, and J. Meis, to Ruhrchemie Akt. Production of 8-ketotricyclodecane. 2,849,489, 8-26-58, Cl. 260-586.
- Buchner, Karl, O. Roelen, and J. Meis, to Ruhrchemie Akt. Production of dialdehydes and conversion products thereof. 2,850,586, 9-2-58, Cl. 260-617.
- Büchner, Karl, O. Roelen, and H. Schwarz, to Ruhrchemie Akt. Isomeric derivatives of monocyclic diolefinic terpenes. 2,862,026, 11-25-58, Cl. 260-514.
- Buehner, Karl, and O. Roelen, to Ruhrchemie Akt. Production of organic oxygenated compounds from unsaturated hydrocarbons. 2,863,911, 12-9-58, Cl. 260-497.
- Buchwald, Alex S., I. Benjamin, and G. Gold. Fastening device. 2,861,312, 11-25-58, Cl. 24-100.5.
- Buck, Andrew P. W.: See—
Kostick, Walter A., and Buck. 2,840,250.
Kostick, Walter A., and Buck. 2,857,061.
- Buck, Benjamin I., deceased, by H. B. Rollins, executor, $\frac{1}{2}$ to H. B. Rollins. Tomato skinning machine. 2,831,516, 4-22-58, Cl. 146-48.
- Buck, Benjamin I., deceased, by H. B. Rollins, executor, $\frac{1}{2}$ to H. B. Rollins. Tomato coring and paring machine. 2,831,518, 4-22-58, Cl. 146-52.
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- Buck, Benjamin I., deceased, by H. B. Rollins, executor, $\frac{1}{2}$ to H. B. Rollins. Conveyor for tomato skinning machine. 2,839,179, 6-17-58, Cl. 198-131.
- Buck, Charles E.: See—
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- Buck, Charles E., to Colgate-Palmolive Co. Detergent composition. 2,855,367, 10-7-58, Cl. 252-138.
- Buck, Dudley A., to Research Corp. Magnetically controlled gating element. 2,832,897, 4-29-58, Cl. 307-88.
- Buck, Elbert C. Wood loader. 2,844,240, 7-22-58, Cl. 198-7.
- Buck, Eugene W., to Buck Mfg. Co. Portable magnetic drill press. 2,820,377, 1-21-58, Cl. 77-7.
- Buck, Eugene W. Drill mounting means for a drill support. 2,821,875, 2-4-58, Cl. 17-59.
- Buck, Eugene W. Electro-magnetic drill chuck. 2,835,148, 5-20-58, Cl. 77-63.
- Buck, George R.: See—
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- Buck, Henry M., B. A. Peters, and R. C. Rumble, to Jersey Production Research Co. Subsurface packer. 2,856,006, 10-14-58, Cl. 166-187.
- Buck, Hershell, to Rae Metal Industries, Ltd. Clearance lamp. 2,830,171, 4-8-58, Cl. 240-8.2.
- Buck, James R. and R. E., to Buck Tool Co. Counter balanced chuck. 2,828,134, 3-25-58, Cl. 279-119.
- Buck, Leland E. Door frame jamb jig. 2,855,695, 10-14-58, Cl. 33-194.
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- Buck, Marvin C., to Phillips Petroleum Co. Spacer assembly. 2,843,783, 7-15-58, Cl. 313-242.
- Buck, Mortimer P., and C. F. Crumbley, to The International Nickel Co., Inc. Method for producing welded tubing. 2,837,626, 6-3-58, Cl. 219-61.
- Buck, Nelson L., and T. G. Beckwith, to Slim-Zelle, Inc. Massage table. 2,819,713, 1-14-58, Cl. 128-33.
- Buck, Ralph. Divider. 2,864,172, 12-16-58, Cl. 33-153.
- Buck Russell E.: See—
Buck, James R. and R. E. 2,828,134.
Buck, Russell E., and Kinney. 2,859,044.
- Buck, Russell E., and T. D. Kinney, to Buck Tool Co. Compensating chuck. 2,859,044, 11-4-58, Cl. 279-123.
- Buck, Steward T. Portable elevator tower. 2,850,191, 9-2-58, Cl. 214-630.
- Buck Tool Co.: See—
Barker, Layman J. 2,825,122.
Buck, James R. and R. E. 2,828,134.
- Buck, Warren L., and R. K. Swank, to the United States of America as represented by the United States Atomic Energy Commission. Scintillator composition for counters and method of making. 2,824,841, 2-25-58, Cl. 252-301.2.
- Buck, Willard E.: See—
Bemis, Alan C., Buck, and Dane. 2,826,703.
- Buck, Willard E., to Kindar Corp. Electric motor. 2,819,441, 1-7-58, Cl. 318-325.
- Buck, Willard E. High speed turbine-driven rotating mirrors. 2,832,264, 4-29-58, Cl. 88-96.
- Buck, William B., to Phillips Petroleum Co. Casing protector. 2,851,112, 9-9-58, Cl. 166-218.
- Buckelew, Raymond L. Layout device. 2,840,914, 7-1-58, Cl. 33-75.
- Buckendale, Lawrence R., deceased, by G. H. Petsch, executrix, to Rockwell Spring and Axle Co. Non-driving axle. 2,831,731, 4-22-58, Cl. 301-124.
- Buckendale, Lawrence R., deceased, by G. H. Petsch, executrix, to Rockwell Spring and Axle Co. Vehicle drive mechanism. 2,850,920, 9-9-58, Cl. 74-665.
- Buckendale, Lawrence R., to Rockwell Spring and Axle Co. Vehicle drive mechanism automatically directing power to slower rotating. 2,851,115, 9-9-58, Cl. 180-23.
- Buckenham, Claude L.: See—
Sutton, Francis P., and Buckenham. 2,835,951.
- Buckenhlzer, Walter L., to Houdaille Industries, Inc. Fender and fender shield assembly. 2,832,609, 4-29-58, Cl. 280-153.
- Buckeridge, Roger M., and C. O. Wood, to Goodman Mfg. Co. Multi-motor starting circuit. 2,825,860, 3-4-58, Cl. 318-103.
- Buckett, Arthur C. W. Key-holder. 2,859,789, 11-11-58, Cl. 150-40.
- Buckeye Cellulose Corp., The: See—
Atkinson, James D., Jr. 2,848,342.
Maskey, Donald F. 2,844,482.
- Buckeye Iron & Brass Works: See—
Billian, Donald L. 2,860,649.
Klikunas, Richard V., and Billian. 2,840,122.
Klikunas, Richard V. and Billian. 2,851,065.
Rymills, Alfred W. 2,843,148.
- Buckeye Steel Castings Co., The: See—
Furniss, Loree E. 2,824,632.
Furniss, Loree E. 2,859,073.
Furniss, Loree E. 2,859,883.
Furniss, Loree E. 2,861,698.
Settles, James C. 2,835,486.
Wolfe, Harry H. 2,831,584.
Wolfe, Harry H. 2,836,307.
- Buckeye Tools Corp.: See—
Gummere, Harold O., and Alexander. 2,866,474.
Gummere, Harold O., and Linsker. 2,831,501.
- Buckham, Thomas T.: See—
Williams, Mahlon C., and Buckham. 2,858,047.
- Buckholdt, Robert E., to E. H. Kendall. Tubular end seal for furnace cars. 2,839,283, 6-17-58, Cl. 263-28.
- Buckingham, Elliot K.: See—
Coulombe, John H., Ambrozaitis, and Buckingham. 2,826,650.
- Buckingham, Francis S., to Baldwin-Lima-Hamilton Corp. Weighing apparatus for lifting equipment. 2,822,095, 2-4-58, Cl. 214-2.

- Buckle, Jack O., and R. E. May. Animal actuated restraining dog harness. 2,826,172, 3-11-58, Cl. 119-96.
- Buckle, Richard H.: *See*—
- Cottrell, Jack A., and Hewitt. 2,833,733.
- Buckler, Ernest J., and D. C. Edwards, to Polymer Corp. Ltd. Bromination of isoocten-polyolefin copolymers with bromine-containing activated charcoal. 2,865,901, 12-23-58, Cl. 260-853.
- Buckley, Sheldon A., and V. P. Wystrach, to American Cyanamid Co. Preparation of phosphinic acid derivatives. 2,845,454, 7-29-58, Cl. 260-500.
- Buckles, Paul M. Machine for making vine supporting nets. 2,842,829, 7-15-58, Cl. 28-1.
- Buckles, Paul M. Prefabricated vine supporting net. 2,842,898, 7-15-58, Cl. 47-46.
- Buckley, Edward G., to The Fyr-Fyter Co. Non-corrosive bromochloromethane fire extinguisher composition and fire extinguisher containing the composition. 2,821,257, 1-28-58, Cl. 169-31.
- Buckley, Frederick D., to Bituminous Coal Research, Inc. Cold wall combustor with flexibly mounted flame tube. 2,823,627, 2-18-58, Cl. 110-28.
- Buckley, Jay S., Jr., and R. G. Berg, to Chas. Pfizer & Co., Inc. Production of phenylglytaric acid. 2,824,120, 2-18-58, Cl. 260-475.
- Buckley, Jay S., Jr., R. D. Drinkard, and P. D. Thomas, to Chas. Pfizer & Co., Inc. Partial esters of hexahydrokajolic acid. 2,831,000, 4-15-58, Cl. 260-345.8.
- Buckley, Jay S., Jr., R. D. Drinkard, and P. D. Thomas, to Chas. Pfizer & Co., Inc. Hydrogenation of kojic acid to hexahydrokajolic acid. 2,850,508, 9-2-58, Cl. 260-345.9.
- Buckley, John L. and L. G. Embossing hardboard. 2,863,168, 12-9-58, Cl. 18-10.
- Buckley, Lawrence G.: *See*—
- Buckley, John L. and L. G. 2,863,168.
- Buckley, William J., to The La Resistia Corset Co. Brassiere. 2,864,372, 12-16-58, Cl. 128-481.
- Buckley, William J., to The La Resistia Corset Co. Brassiere. 2,864,373, 12-16-58, Cl. 128-481.
- Buckman, John B., and R. D. Urhoff, to Knapp-Monarch Co. Manually controlled linkage. 2,823,549, 2-18-58, Cl. 74-110.
- Buckman, Kenneth E., to General Motors Corp. Liquid filtration. Re. 24,509, 7-29-58, Cl. 210-487.
- Buckman, Kenneth E., to General Motors Corp. Gas filter. 2,824,622, 2-25-58, Cl. 183-71.
- Buckman, Kenneth E., to General Motors Corp. Filter elements. 2,835,393, 5-20-58, Cl. 210-487.
- Buckman, Kenneth E., to General Motors Corp. Fluid filters. 2,836,302, 5-27-58, Cl. 210-493.
- Buckmann, John P., to Union Oil Co. of California. Polymer compositions plasticized with fluid amides. 2,823,193, 2-11-58, Cl. 260-32.6.
- Buckmann, John P., to Union Oil Co. of California. High V. I. detergent lubricating oils. 2,863,834, 12-9-58, Cl. 252-32.5.
- Bucknell, Ernest H.: *See*—
- Ward, Irving A. 2,862,766.
- Bucknell, Mabel: *See*—
- Ward, Irving A. 2,862,766.
- Buckner, Cecil C. Fluid pumps. 2,860,581, 11-18-58, Cl. 103-162.
- Buckrens, John C., to Bear Brand Hosiery Co. Hosiery and method of forming same. 2,825,215, 3-4-58, Cl. 66-185.
- Buckwalter, Frank H., to Bristol Laboratories Inc. Tetracycline suppository. 2,854,378, 9-30-58, Cl. 167-64.
- Buckwalter, Frank H., and E. S. Granatek, to Bristol Laboratories Inc. Salt of streptomycin and phytic acid. 2,824,869, 2-25-58, Cl. 260-210.
- Buckwalter, Geoffrey R., and J. P. Costello, to Fred'k H. Levey Co., Inc. Printing inks. 2,820,710, 1-21-58, Cl. 106-26.
- Buckwalter, Jacob S., and C. Mellinger. Pawl and ratchet actuated roller type tube bender. 2,839,957, 6-24-58, Cl. 81-15.
- Bucky, Philip B. Mining method for supporting geological structures. 2,846,205, 8-5-58, Cl. 262-1.
- Bucyrus-Erie Co.: *See*—
- Davidson, Trevor O., and Roche. 2,853,201.
- Haisch, Albert C. 2,865,604.
- Hudson, Tom N., Thornburg, and Haisch. 2,865,603.
- Thornburg, Herbert W. 2,865,637.
- Thornburg, Herbert W. 2,863,638.
- Thornburg, Herbert W., and Smith. 2,825,535.
- Buda, Salvatore, to Strapavac Corp. Vacuum cleaner. 2,863,524, 12-9-58, Cl. 183-37.
- Budai, Steve G., to The Globe-Wernicke Co. Modular office work space and partition structure. 2,840,431, 6-24-58, Cl. 312-111.
- Budd Co., The: *See*—
- Biagi, Paul E., McMorde, and Winnai. 2,838,059.
- Buchanan, David L., and Callender. 2,831,982.
- Buyze, Edwin K. 2,827,132.
- Callender, Edwin M. 2,844,788.
- Davis, Kenneth E. 2,843,893.
- Dean, Albert G. 2,834,305.
- Dean, Albert G., and Burton. 2,853,957.
- Dean, Albert G., and Leas. 2,840,192.
- Dean, Walter B. 2,826,998.
- Dean, Walter B. 2,861,654.
- Budd Co., The: *See*—Continued
- Dean, Walter B., and Buchanan. 2,820,967.
- Dean, Walter B., and Buchanan. 2,855,763.
- Eggert, Walter S., Jr. 2,840,026.
- Eksergian, Carolus L. 2,844,409.
- Eksergian, Carolus L. 2,848,073.
- Halberstadt, Charles C. 2,848,035.
- Hochreiter, Edward J. 2,856,695.
- Kalt, Gilbert. 2,827,351.
- Lindsay, Alexander R. 2,827,327.
- Mealing, Kenneth W., and Kalt. 2,827,177.
- Stacy, Robert G. 2,848,072.
- Van Seiver, Herbert D., II. 2,848,595.
- Watter, Michael. 2,856,079.
- Watter, Michael. 2,856,876.
- Watter, Michael, and Pagon. 2,847,957.
- Weglarz, Walter P. 2,840,651.
- Budd, J. Evers: *See*—
- Miller, Elmer J., Budd, and Hughes. 2,823,442.
- Budd, Larry J., to Pallet Devices, Inc. Palletizing package for stacked steering wheels and the like. 2,851,159, 9-9-58, Cl. 206-65.
- Budde, James C., to American Radiator & Standard Sanitary Corp. Water mixing valve. 2,837,282, 6-3-58, Cl. 236-12.
- Buddeberg, Walter, to Krauss-Maffei A. G. Centrifugals. 2,845,173, 7-29-58, Cl. 210-213.
- Buderische Eisenwerke: *See*—
- Stockkamp, Karl. 2,832,683.
- Budinger, Edwin J., and P. A. Kline, to Clevite Corp. Clinched butt bushing. 2,855,252, 10-7-58, Cl. 308-237.
- Budish, Nathan N., to Boeing Airplane Co. Convertible turbo-jet and ramjet engine. 2,832,192, 4-29-58, Cl. 60-35.6.
- Budlong, Simeon, to F. J. Littell Machine Co. Adjustable cranks. 2,856,793, 10-21-58, Cl. 74-600.
- Budney, Henry S.: *See*—
- Budney, Michael P., H. S., and T. W., and Saczawa. 2,824,539.
- Budney, Michael P., H. S., and T. W., and M. F. Saczawa, to Atlantic Machine Tool Works, Inc. Watercycle. 2,824,539, 2-25-58, Cl. 115-26.
- Budney, Thaddeus W.: *See*—
- Budney, Michael P., H. S., and T. W., and Saczawa. 2,824,539.
- Budnick, Joseph, to Electrical Fittings Corp. Sheet metal split gland ring for threadless coupling. 2,833,569, 5-6-58, Cl. 285-389.
- Budnick, Joseph, to Electrical Fittings Corp. Die head providing quick change of chasers. 2,864,102, 12-16-58, Cl. 10-121.
- Budnick, Joseph, to Electrical Fittings Corp. Electrical fitting entrance cap. 2,865,981, 12-23-58, Cl. 174-81.
- Budreck, Frances, to Power Brake Parts Mfg. Co. Collapsible rear view mirror structure for use with a tractor-trailer combination. 2,839,965, 6-24-58, Cl. 88-98.
- Budzich, Tadeusz. Wobbler type multiple piston pump. 2,848,954, 8-26-58, Cl. 103-173.
- Budzyna, Joseph M.: *See*—
- Moon, Clifford G., and Budzyna. 2,822,827.
- Bueche, Arthur M.: *See*—
- Lawton, Elliott J., and Bueche. 2,858,259.
- Bueche, Walter. Apparatus for the rectification of multi-component mixtures. 2,848,388, 8-19-58, Cl. 202-205.
- Buechele, Walter E., and J. W. Adacusk, to Brock & Co., Inc. Deep fat frying potatoes. 2,855,308, 10-7-58, Cl. 99-100.
- Buechler, Lester W., to Vickers Inc. Power transmission. 2,830,195, 4-8-58, Cl. 307-87.
- Buecker, Carl H., and J. R. Cushman, to Eastman Kodak Co. Multiple compartment receptacle. 2,843,288, 7-15-58, Cl. 220-22.
- Buehler, Arthur: *See*—
- Zickendraht, Christian, and Buehler. 2,820,784.
- Zickendraht, Christian, and Buehler. 2,841,576.
- Buehler, Arthur, to Ciba Ltd. Complex cobalt compounds. 2,824,864, 2-25-58, Cl. 260-145.
- Buehler, Arthur, to Ciba Ltd. Metalliferous monoazo-dye-stuffs and process of making same. 2,849,436, 8-26-58, Cl. 260-151.
- Buehler, Arthur, and C. Zickendraht, to Ciba Ltd. Metalizable monoazo-dye-stuffs and complex metal compounds. 2,836,587, 5-27-58, Cl. 260-147.
- Buehler, Arthur, and C. Zickendraht, to Ciba Ltd. Cobaltiferous azo-dye-stuffs. 2,855,392, 10-7-58, Cl. 260-145.
- Buehler, Edward G. Plastic infusor float. 2,826,484, 3-11-58, Cl. 23-267.
- Buehler, Ernesto: *See*—
- Bonomi, Felice. 2,821,483.
- Buehler, Gebrueder: *See*—
- Dolf, Hans R., and Spiess. 2,830,674.
- Gmür, Bruno. 2,834,417.
- Velke, Herbert. 2,834,412.
- Buehler, Henry J., to Anheuser-Busch, Inc. Extraction of sterols. 2,837,540, 6-3-58, Cl. 260-397.25.
- Buehler, Leon, Jr., to The Creamery Package Mfg. Co. Fluid motivating apparatus. 2,856,121, 10-14-58, Cl. 230-187.
- Buehler, Walter O., to United States Steel Corp. Centrifugal pump. 2,859,698, 11-11-58, Cl. 103-109.
- Buehler, William J.: *See*—
- Nachman, Joseph F., and Buehler. 2,859,143.

- Buehlig, William W. Combination measuring and direct pouring dispenser for granular materials. 2,843,213, 9-23-58, Cl. 222-455.
- Bueker, Edgar L., and V. K. Kofron, to Vickers Inc. Method of producing purified selenium from selenious acid solution containing impurities. 2,860,954, 11-18-58, Cl. 23-209.
- Buell, Bennett G.: *See*—
Lecher, Hans Z., and Buell. 2,841,575.
Lecher, Hans Z., and Buell. 2,847,461.
- Buell, Richard W., W. A. Lobdell, and G. W. Wrinn, to Claude Sintz, Inc. Throttle control linkage adjustment. 2,839,949, 6-24-58, Cl. 74-586.
- Buell, Robert R., to Liberty Powder Defense Corp. Method of reclaiming the constituents from double base smokeless powder. 2,843,584, 7-15-58, Cl. 260-223.
- Buell, William S. Animal cage. 2,822,780, 2-11-58, Cl. 119-17.
- Buensod-Stacey, Inc.: *See*—
Kreuttner, Joseph W. 2,821,897.
Marshall, Harrison W. 2,819,023.
- Buescher, William E.: *See*—
Kerstetter, Donald R., Buescher, and Garrett. 2,843,781.
- Buescher, William E., D. R. Kerstetter, and W. H. Kingsley, to Sylvania Electric Products Inc. Getter and support. 2,822,080, 2-4-58, Cl. 206-4.
- Buffalo Brake Beam Co.: *See*—
Busch, Charles R. 2,826,279.
Busch, Charles R. 2,856,038.
- Buffalo Dental Mfg. Co.: *See*—
Lewis, John H. 2,847,738.
- Buffalo Eclipse Corp.: *See*—
Thelander, Clement J. 2,839,222.
Thelander, Clement J. 2,862,376.
- Buffalo Forge Co.: *See*—
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- Buffelen Woodworking Co.: *See*—
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- Buffone, Angelo J.: *See*—
Nava, John O., Jr., Buffone, and Grinnen. 2,826,867.
- Buffum, Edmond E.: *See*—
Pierce, Robert P., and Buffum. 2,852,743.
- Buffum, Edmond E. Sprocket drive for endless track top rollers. 2,827,337, 3-18-58, Cl. 305-10.
- Buford, Birdie S. Slip cover holding device. 2,828,812, 4-1-58, Cl. 155-182.
- Bügel, Roelof D., to North American Philips Co., Inc. Electrolytic capacitor. 2,847,622, 8-12-58, Cl. 317-230.
- Bugenstein, Walter A., to Westinghouse Electric Corp. Isolating switch. 2,831,932, 4-22-58, Cl. 200-48.
- Buggy, Rodman V. High frequency resonant circuit. 2,824,966, 2-25-58, Cl. 250-40.
- Bugler, Arthur G., and A. R. Johnson, to Western Electric Co., Inc. Electrostatic apparatus for separating articles. 2,825,078, 3-4-58, Cl. 15-15.
- Buhler, Eugen, to International Business Machines Corp. Typewriter accumulator. 2,822,129, 2-4-58, Cl. 235-59.
- Buhler, Eugen, and J. H. Norcross, to International Business Machines Corp. Denominational tabulating mechanism. 2,862,593, 12-2-58, Cl. 197-178.
- Buhr, August G., and K. R. Weber, to Allis-Chalmers Mfg. Co. Fertilizer attachment. 2,854,172, 9-30-58, Cl. 222-162.
- Buhr, Bert. Heat retaining means for furnaces. 2,845,037, 7-29-58, Cl. 110-97.
- Bührer, Erwin, to Georg Fischer Aktiengesellschaft. Arrangement for automatically placing weights on molds and removing them from same. 2,830,341, 4-15-58, Cl. 22-122.
- Bührer, Erwin. Method and means for the mechanical preparation of molds from compressed granular material. 2,842,817, 7-15-58, Cl. 22-43.
- Bührer, Erwin, to Georg Fischer Akt. Method and means for cooling granular masses containing evaporable liquid. 2,863,190, 12-9-58, Cl. 22-89.
- Buhrer, Erwin. Attachment for moulding machines with mechanically driven intermittently rotating turntable. 2,869,193, 12-18-58, Cl. 22-21.
- Bührer, Erwin, and M. Wernli, to Georg Fischer Akt. Inter-conveyer transfer means for use with multiple conveyer systems. 2,861,672, 11-25-58, Cl. 198-85.
- Buhrke, Fred W., to Fraser Label Co. Box forming machine. 2,844,077, 7-22-58, Cl. 93-51.
- Buhrmeister, John C. Mixing and turbulence-effecting means for carbureted fuel. 2,847,289, 8-12-58, Cl. 48-180.
- Bulk, George, Sr.: *See*—
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- Building Products Ltd.: *See*—
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- Buisman, Jan A. K.: *See*—
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Koevoet, Arie L., Verloop, Buisman, and Westerhof. 2,862,934.
- Buisse, Charles. Earth scooping bucket attachment for breaking hardened ground or the like. 2,838,856, 6-17-58, Cl. 37-142.
- Buivid, George M. Retrieving apparatus. 2,838,335, 6-10-58, Cl. 294-67.
- Buivid, George M., to United States of America, Air Force. Low pressure relief valve. 2,859,770, 11-11-58, Cl. 137-508.
- Bukolt, Victor J., and A. A. Jurgella. Adjustable guide and track for sliding door. 2,818,597, 1-7-58, Cl. 16-87.
- Bukowski, Edward Z. Corner paper clip. 2,843,901, 7-22-58, Cl. 24-66.
- Bukowski, Edward Z. Clothesline clamp. 2,849,772, 9-2-58, Cl. 24-126.
- Buland, Robert N. Frequency analysis system. 2,851,661, 9-9-58, Cl. 324-77.
- Bulat, Francis X.: *See*—
Pagdin, William G., Macaluso, and Bulat. 2,841,433.
- Bulder, Johannes M., to N. V. Amsterdamsche Maatschappij Tot Exploitatie Van Oetrooten. Process for removing tannic acid from coconut fibers with sodium hydrosulphite and then bleaching the fibers. 2,857,238, 10-21-58, Cl. 8-108.
- Buley, Theodore L., to International Business Machines Corp. Electronic matrix commutator. 2,833,920, 5-6-58, Cl. 250-27.
- Bulgarelli, Eugenio: *See*—
Endler, Harry H. A., and Bulgarelli. 2,825,701.
- Bulgin, A. F., & Co. Ltd.: *See*—
Bulgin, Arthur F. 2,828,372.
- Bulgin, Arthur F., to A. F. Bulgin & Co. Ltd. Electric switch operating means. 2,828,372, 3-25-58, Cl. 200-17.
- Bulgin, Douglas, to Dunlop Rubber Co. Ltd. Antistatic fabrics. 2,845,962, 8-5-58, Cl. 139-420.
- Bull, Edgar M., and C. J. 191 Julio. Universal drill jig. 2,844,054, 7-22-58, Cl. 77-64.
- Bull, Harry W.: *See*—
Swinehart, Richard W., and Bull. 2,822,251.
- Bull, Henry N. Kitchen utensil or the like. 2,853,780, 9-30-58, Cl. 30-327.
- Bull, Richard, and R. Eland, to Standard Coil Products Co., Inc. Crystal controlled television tuner. 2,864,945, 12-16-58, Cl. 250-20.
- Bull, Willard C., H. C. Zeisig, Jr., P. D. Strickler, and E. G. Marhofer, to Spencer Chemical Co. Preparation of hydroxylamine. 2,827,362, 3-18-58, Cl. 23-190.
- Bullamore, Russell W.: *See*—
Hendrickson, John V., and Hartwick. 2,847,230.
- Bullard Brothers Co.: *See*—
Schermerhorn, James R. 2,840,286.
- Bullard, Calvin P.: *See*—
Stange, Ferdinand F., and Bullard. 2,844,861.
- Bullard Co., The: *See*—
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- Bullard, Dorothy E.: *See*—
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- Bullard, E. D., Co.: *See*—
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- Bullard, Hubert. Two-row marker. 2,847,923, 8-19-58, Cl. 97-230.
- Bullard, Robert L., and H. J. Beatty, Jr., to International Business Machines Corp. Gaseous-discharge tube tester. 2,841,762, 7-1-58, Cl. 324-23.
- Bullard, Russell J.: *See*—
Shaw, Albert W., Claire, and Bullard. 2,842,238.
- BullDog Electric Products Co.: *See*—
Higgins, Louis W., Davis, and Herrmann. 2,820,123.
Platz, Elwood T., and Messing. 2,824,930.
- Bulleri, Leonetto, and R. Armchair, sofa or the like, made up entirely of a resiliently yieldable material without any carrier framework. 2,849,058, 8-26-58, Cl. 155-179.
- Bulleri, Renato: *See*—
Bulleri, Leonetto, and R. 2,849,058.
- Bullers, John E., and C. L. Moses, to Sylvania Electric Products Inc. Preheater to sealing machine transfer device. 2,821,810, 2-4-58, Cl. 49-2.
- Bullington, Leo C. Fluid pump. 2,833,217, 5-6-58, Cl. 103-37.
- Bullmer, Karl: *See*—
Bösel, Ingeborg, Bullmer, and Rössler. 2,844,203.
- Bullock, Austin L., W. A. Reeves, and J. D. Guthrie, to the United States of America as represented by the Secretary of Agriculture. Process of producing ethylene oxide methylol phosphorus polymers, products obtained and aqueous compositions thereof. 2,830,964, 4-15-58, Cl. 260-29.4.
- Bullock, Earle C.: *See*—
Hunting, David D., and Bullock. 2,858,028.
- Bullock, Earle C., to Steelcase, Inc. Means for joining desk and table together with edges abutting. 2,819,937, 1-14-58, Cl. 311-4.
- Bullock, Earle C., to Steelcase Inc. Hinged cover for desk sliding reference shelves. 2,832,658, 4-29-58, Cl. 312-194.
- Bullock, Edward A., and H. D. Outland, to Technical Service Inc. Magazine for retaining continuous film for projector. 2,829,889, 4-8-58, Cl. 271-215.
- Bullock, Giles E. Mixing sprayer. 2,827,329, 3-18-58, Cl. 299-84.
- Bullock, Milton W., to American Cyanamid Co. Keto aliphatic acid esters and method of preparing the same. 2,828,321, 3-25-58, Cl. 260-399.
- Bullock, Milton W., to American Cyanamid Co. Hydroxy thioaliphatic acids and methods of preparing the same. 2,828,322, 3-25-58, Cl. 260-399.
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- Alderson, George E., Wood, and Binney. 2,865,739.
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- Novak, Leo J., and Bulloff. 2,856,366.
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- Bulloff, Jack J., to The Commonwealth Engineering Co. of Ohio. Production of 2-hydroxy and 2-keto glutaric acid and alkyl derivatives thereof. 2,826,608, 3-11-58, Cl. 260-533.
- Bulloff, Jack J., to The Commonwealth Engineering Co. of Ohio. Method for gas plating with aluminum organo compounds. 2,847,320, 8-12-58, Cl. 117-47.
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- Fischer, Franz L. 2,829,523.
- Hirsh, Stanley A. 2,866,065.
- Werndl, Ernst F. 2,858,767.
- Zaid, Melvin. 2,853,779.
- Bulova Watch Co., Inc.: *See*—
- Bennett, William O., Jr., Fitz Maurice, and Mutter. 2,824,198.
- Bennett, William O., Jr., Lower, and Ott. 2,841,280.
- Hughes, John and O. 2,860,204.
- Sakaly, Vytautas. 2,845,773.
- Bulova Watch Co. Inc. New York Succursale de Bienne: *See*—
- Godat, Abel. 2,849,856.
- Bulovic, Bozdar, to Wm. Wrigley, Jr., Co. Speed control apparatus. 2,850,691, 9-2-58, Cl. 318-257.
- Bulow, Richard L. Electric toilet seat exhaust ventilator. 2,824,313, 2-25-58, Cl. 4-213.
- Buls, Vernon W.: *See*—
- Morris, Rupert C., Buls, and Conklin. 2,823,197.
- Buls, Vernon W., and R. I. Thomas, to Shell Development Co. Preparation of esters of boronic and borinic acids. 2,835,693, 5-20-58, Cl. 260-462.
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- Bunch, Lowell S. Shirt collar retainer. 2,823,839, 2-18-58, Cl. 223-83.
- Bunch, Tillman T., to Western Electric Co., Inc. Methods of and apparatus for controlling the application of plastic materials upon filamentary articles. 2,820,987, 1-28-58, Cl. 18-13.
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- Bunchez, Samuel H.: *See*—
- Fleck, Lucile H., and Bunchez. 2,846,334.
- Bünder-Glas G. m. b. H.: *See*—
- Zimmermann, Ehrenfried, and Becker. 2,847,122.
- Zimmermann, Ehrenfried, and Hennings. 2,866,403.
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- Bundy, John H., to Western Electric Co., Inc. Bending tool for shaping electrical conductors. 2,839,958, 6-24-58, Cl. 81-15.
- Bundy Tubing Co.: *See*—
- Snively, Andrew J. 2,866,480.
- Bundy, Willard S., to Barium and Chemicals, Inc. Preparation of crystalline antimony sulfide. 2,854,314, 9-30-58, Cl. 23-136.
- Bunford, Max A.: *See*—
- Duval, Jean P. 2,838,815.
- Bungardt, Walter, to Th. Goldschmidt, A. G., Chemische Fabriken. Method of continuously protecting pyrophoric flint material manufactured by extrusion. 2,864,160, 12-16-58, Cl. 29-473.3.
- Bungartz, Paul. Rotary pumps. 2,865,296, 12-23-58, Cl. 103-88.
- Bungas, George. Air-conditioning apparatus. 2,819,044, 1-7-58, Cl. 257-9.
- Bungas, George. Smoke-arresting apparatus. 2,830,673, 4-15-58, Cl. 183-11.
- Bungay, George W., to Electrographic Corp. Method and apparatus for backing-up electrotype shells. 2,849,768, 9-2-58, Cl. 22-58.
- Bunge, Max O. Device for checking and measuring cylindrical bores of large diameter. 2,831,261, 4-22-58, Cl. 33-178.
- Bunge, Wilhelm: *See*—
- Müller, Karl E., Bunge, and Mühlhausen. 2,822,349.
- Seibert, Heinrich, Bunge, and Bayer. 2,853,397.
- Wilms, Hugo, Bayer, Bunge, and Bruns. 2,839,478.
- Bünge, Wilhelm, and O. Bayer, to Farbenfabriken Bayer Akt. Polysocyanates and method of preparing polyisocyanates. 2,853,421, 10-7-58, Cl. 260-453.
- Bungert, Heinrich: *See*—
- Benink, Christian J. M., and Bungert. 2,854,935.
- Bunker, Fredrick I. and R. L. Coin sorting machine. 2,848,004, 8-19-58, Cl. 133-3.
- Bunker Hill and Sullivan, Mining and Concentrating Co.: *See*—
- Finney, John H. V., and Maychark. 2,820,553.
- Bunker, Richard L.: *See*—
- Bunker, Fredrick I. and R. L. 2,848,004.
- Bunker, William E., to Arcadia Metal Products, Inc. Weatherstrip means for a sliding door. 2,857,633, 10-28-58, Cl. 20-19.
- Bunn, B. H. Co.: *See*—
- Bunn, Benjamin H. 2,818,796.
- Bunn, Benjamin H., to B. H. Bunn Co. Compactor for a tying machine. 2,818,796, 1-7-58, Cl. 100-27.
- Bunnell, Donald A., and R. G. L. Peak, to Lockheed Aircraft Service, Inc. Means for threading wires through flexible tubing. 2,823,153, 2-11-58, Cl. 154-226.
- Bunnell, Raymond H.: *See*—
- Bauernfeind, Jacob C., and Bunnell. 2,861,891.
- Bunnell, William S., to Boyar-Schultz Corp. Dust collector. 2,823,762, 2-18-58, Cl. 183-60.
- Bunnell, William S., to Boyar-Schultz Corp. Hydraulic control valve for machine tools. 2,851,996, 9-16-58, Cl. 121-45.
- Bunning, Maxine A.: *See*—
- Forcia, Frances, and Bunning. 2,862,754.
- Bunsen, William F., and R. B. Lane, to Rohr Aircraft Corp. Duct with resiliently biased ball and socket joint. 2,856,207, 10-14-58, Cl. 285-268.
- Buntaine, Robert R.: *See*—
- Ball, Russell M., and Buntaine. 2,828,468.
- Buntin, George A., to Hercules Powder Co. Polychlorinated dicyclopentadiene. 2,837,579, 6-3-58, Cl. 260-648.
- Bunting Co., Inc.: *See*—
- Pearlstone, Morton. 2,847,060.
- Bunting, Ernest V., to Massey-Harris-Ferguson, Inc. Power operating system for tractor hitch linkage. 2,822,737, 2-11-58, Cl. 97-46.07.
- Bunzel, Helmut H. Devices for the automatic opening and closing of doors and the like. 2,827,284, 3-18-58, Cl. 268-65.
- Bunzl, Hugo, and P. Schechner, to Cigarette Components Ltd. Filter plugs for cigarettes. 2,820,460, 1-21-58, Cl. 131-10.
- Bunzl, Hugo, and P. Schechner, to Cigarette Components Ltd. Paper tubes. 2,866,465, 12-30-58, Cl. 131-208.
- Buoys, Inc.: *See*—
- Dodge, Robert J. 2,819,476.
- Dodge, Robert J. 2,856,616.
- Burack, Milton. Starting device for internal combustion engines. 2,862,491, 12-2-58, Cl. 123-187.5.
- Buratovich, Mike T.: *See*—
- Buratovich, Nick J. 2,822,096.
- Buratovich, Nick J., 50% to Mike T. Buratovich. Spacing member for stacking apparatus. 2,822,096, 2-4-58, Cl. 214-10.5.
- Burbank, Jeanne B.: *See*—
- Lander, John J., Burbank, and Simon. 2,821,565.
- Burbank, John E., to Cue Fastener, Inc. Locking slider for slide fasteners. 2,841,852, 7-8-58, Cl. 24-205.14.
- Burberry, Richard A., to International Standard Electric Corp. Low drag airplane antenna. 2,845,624, 7-29-58, Cl. 343-705.
- Burbig, Henry. Cigarette or cigar with filter. 2,819,720, 1-14-58, Cl. 131-10.
- Burbig, Henry. Locking safety pin. 2,854,720, 10-7-58, Cl. 24-156.
- Burch, Arthur R. Caster equipped lifting truck. 2,833,549, 5-6-58, Cl. 280-44.
- Burch Co., The: *See*—
- Bianco, Henry J. 2,860,745.
- Burch, Hyion K.: *See*—
- Robinson, Andrew C., and Burch. 2,821,162.
- Burch, James R., to General Electric Co. Electromagnetic apparatus. 2,859,298, 11-4-58, Cl. 200-87.
- Burch, Julius G. Soluble chemical depositor and method of releasing. 2,824,611, 2-25-58, Cl. 166-38.
- Burch, Lewis D.: *See*—
- Hartzell, Herman L., and Burch. 2,828,725.
- Burch, Lewis D., to General Motors Corp. Vibration damper. 2,838,955, 6-17-58, Cl. 74-574.
- Burch, Robert J., and M. W. Leeds, to Air Reduction Co., Inc. Stabilization of chlorinated hydrocarbons with 2,5-dimethyl-1,5-hexadiene-3-yne and synergistic mixtures containing same. 2,841,625, 7-1-58, Cl. 260-652.5.
- Burcham, Robert L.: *See*—
- Kelish, Edward H., Vinton, and Burcham. 2,844,274.
- Burchell, George A. Scale pivot gauges. 2,825,972, 3-11-58, Cl. 33-147.
- Burchfield, J. P.: *See*—
- Cruse, Joseph W. 2,821,283.
- Burchfield, Joe L.: *See*—
- Cruse, Joseph W. 2,821,283.
- Burchfield, Joseph P., III: *See*—
- Cruse, Joseph W. 2,821,283.
- Burchfield, Kenley N.: *See*—
- Valentine, Clifford W., and Burchfield. 2,830,853.
- Burchfield, Nell M.: *See*—
- Cruse, Joseph W. 2,821,283.
- Burchfield, Wilbur M.: *See*—
- Cruse, Joseph W. 2,821,283.
- Burckhalter, Burton B. Automatic jack leg. 2,830,563, 4-15-58, Cl. 121-46.
- Burckhardt, Alfred, and B. E. Williams, to Pitney-Bowes, Inc. Workpiece feeding device. 2,856,187, 10-14-58, Cl. 271-26.
- Burden, Edward R. Self-locking folding box. 2,846,133, 8-5-58, Cl. 229-34.
- Burden, Vernon B.: *See*—
- Gates, John H., and Burden. 2,835,777.

- Burdett, Henry S., to G. Stibbe & Co. Ltd. Cam-actuating means for knitting machines. 2,819,599, 1-14-58, Cl. 66—50.
- Burdett, Henry S. Circular knitting machines. 2,828,617, 4-1-58, Cl. 66—14.
- Burdette, David H. Compressor for inflating tubeless tires. 2,859,805, 11-11-58, Cl. 157—121.
- Burdette, Douglas C. Trap tank. 2,822,927, 2-11-58, Cl. 210—320.
- Burdette, Harold W. Brick-simulating wood panel. 2,849,759, 9-2-58, Cl. 20—15.
- Burdick Bros. Inc.: *See—*
- Burdick, Sherman R. 2,847,258.
- Burdick, Clinton D., G. R. Arthur, and R. S. Brannin, to Sperry Rand Corp. Servo system for controlling dirigible craft with primary and trim tab surfaces. 2,864,570, 12-16-58, Cl. 244—78.
- Burdick Co., The: *See—*
- Hill, Eldon J. 2,847,779.
- Burdick, Corp., The: *See—*
- Anderson, Arthur W. 2,841,663.
- Partridge, Leslie W. 2,834,898.
- Partridge, Leslie W. 2,865,366.
- Burdick, Hugh T., to Illinois Tool Works. Hook fastener. 2,841,353, 7-1-58, Cl. 248—224.
- Burdick, Richard. Method of making advertising signs. 2,858,572, 11-4-58, Cl. 18—59.
- Burdick, Sherman R., to Burdick Bros. Inc. Safety valve for fluid control system. 2,847,258, 8-12-58, Cl. 303—84.
- Burdin, Maurice A.: *See—*
- Dymasz, Tadeusz, and Burdin. 2,834,050.
- Bureautechnik A. G.: *See—*
- Marti, Arnold. 2,860,938.
- Burestle, Armin O.: *See—*
- Krekeler, Claude B., and Bruestle. 2,827,275.
- Burfeld, John F.: *See—*
- Rosenblatt, Alexander, and Burfield. 2,837,880.
- Burfoot, Eric A., J. E. Hatchett, and L. W. Robinson, to Boots Pure Drug Co. Ltd. Process of removing colored impurities from heparin. 2,830,931, 4-15-58, Cl. 167—74.
- Burford, Barbara M., and A. Cambron, deceased (by The Royal Trust Co., executor), to National Research Council. Process for preparing a catalyst of a silver-base alloy. 2,837,424, 6-3-58, Cl. 75—173.
- Burg, Anton B., and N. R. Davidson, to United States of America, War. Preparation of disulfur decafluoride. 2,840,457, 6-24-58, Cl. 23—205.
- Burg, Anton B., and W. Mahler, to American Potash & Chemical Corp. Preparation of fluorocarbon phosphines. 2,866,824, 12-30-58, Cl. 260—606.5.
- Burg, George W., to Rol-Away Truck Mfg. Co. Table truck. 2,846,233, 8-5-58, Cl. 280—30.
- Burg, George W., and R. W. Ledgerwood, to Rol-Away Truck Mfg. Co., Inc. Hand truck and ladder. 2,827,215, 3-18-58, Cl. 228—6.
- Burg, George W., and R. W. Ledgerwood, to Rol-Away Truck Mfg. Co., Inc. Material handling truck. 2,851,279, 9-9-58, Cl. 280—79.1.
- Burg, Joseph G.: *See—*
- Heyob, Robert F., Burg, Hoffman, and Greenebaum. 2,850,560.
- Burg, Marion: *See—*
- Cope, Arthur C., and Burg. 2,825,736.
- Burg, Solomon, and T. C. Smith; said Smith assor. to United States of America, Navy. Depth charge firing control mechanism. 2,837,026, 6-3-58, Cl. 102—16.
- Burge, Muriel: *See—*
- Di Stefano, Helen. 2,845,637.
- Burger, Armin. Chimney attachment. 2,842,041, 7-8-58, Cl. 98—78.
- Burger, Erich: *See—*
- Burger, Michael and E. 2,838,985.
- Burger, Erich. Photographic lens shutter. 2,838,983, 6-17-58, Cl. 95—11.5.
- Burger, Erich. Photographic shutter mechanism. 2,849,937, 9-2-58, Cl. 95—63.
- Burger, Francis J.: *See—*
- Bayha, Jack E., and Burger. 2,844,250.
- Burger, Fred. Tube compressor. 2,830,734, 4-15-58, Cl. 222—101.
- Burger, Fred. Tube-compressing device. 2,830,735, 4-15-58, Cl. 222—102.
- Burger, Hans C. Powder compact. 2,829,765, 4-8-58, Cl. 206—37.
- Burger, Martin, to Diamond Gardner Corp. Egg carton setup equipment. 2,843,026, 7-15-58, Cl. 93—37.
- Burger, Michael and E. Automatic exposure regulator for photographic apparatus. 2,838,985, 6-17-58, Cl. 95—64.
- Burgermeister Brewing Corp.: *See—*
- Tonna, Arthur J. 2,863,371.
- Burgess, Arthur A., Jr., to the United States of America as represented by the Secretary of the Navy. Shock and vibration resistant fuse. 2,830,156, 4-8-58, Cl. 200—131.
- Burgess Battery Co.: *See—*
- Bryant, Norman R., and Wilke. 2,826,626.
- Coleman, Joseph J., and Kort. 2,829,189.
- Coleman, Joseph J., and McDonald. 2,829,188.
- Kirkman, Fredrick J. 2,830,110.
- Kort, Paul G. 2,829,186.
- McDonald, Harrison M. 2,829,187.
- Rawson, Edward R., and Whalen. 2,864,286.
- Burgess Cellulose Co.: *See—*
- Eichmeier, Russell R., and Schorger. 2,825,645.
- Burgess, Hovey M.: *See—*
- Grice, Harvey H., and Burgess. 2,837,043.
- Burgess, Neil: *See—*
- Bloomberg, David J., and Burgess. 2,840,987.
- Burgess, Neil, and D. F. Warner, to General Electric Co. Nozzle construction for turbines. 2,849,209, 8-26-58, Cl. 253—39.1.
- Burgess, Thomas E.: *See—*
- Crandon, Harry D., and Burgess. 2,840,535.
- Burgess, Thomas J.: *See—*
- Ridgers, Frederick G., and Burgess. 2,849,777.
- Burgess Vibrocrafters, Inc.: *See—*
- Bell, George R. 2,848,021.
- Burgess, Warren C., Jr., and W. H. Sterbentz; said Sterbentz assor. to said Burgess. Vibrator. 2,861,548, 11-25-58, Cl. 121—17.
- Burgess, Wilfred D., to Consolidated Mining and Smelting Co. of Canada Ltd. Treatment of flue gases. 2,862,789, 12-2-58, Cl. 23—119.
- Burgett, Donald K., R. P. Clifford, and S. D. Gehman, to The Goodyear Tire & Rubber Co. Apparatus for fatigue testing of elastomers. 2,849,877, 9-2-58, Cl. 73—88.
- Burgett, Monte L., Jr., to Philco Corp. Magnetic deflection system for cathode ray tubes. 2,845,575, 7-29-58, Cl. 315—27.
- Burgh, Carl W.: *See—*
- Burgh, John. 2,828,176.
- Burgh, John, by decree of distribution to C. W. Burgh, deceased. Combined stand and lid for a garbage pail. 2,828,176, 3-25-58, Cl. 312—214.
- Burghoff, Louis R., to The E. Ingraham Co. Waterproof watch. 2,852,352, 12-2-58, Cl. 58—90.
- Burgin, Howard C.: *See—*
- Madison, Richard D., Graham, and Burgin. 2,827,224.
- Burgin, Kermit H. Demountable metal building structure. Dreyer, Helmut, and Burkhard. 2,831,942.
- Burgeson, Raymond M.: *See—*
- Krantz, John C., Jr., Burgeson, and Hager. 2,840,559.
- Burgo, Charles R. Phonograph record rack. 2,825,465, 3-4-58, Cl. 211—40.
- Burgoynes, Harris G. Automatic vending machine. 2,843,293, 7-15-58, Cl. 222—129.4.
- Burgraff, Henry P. Toilet for boats. 2,847,679, 8-19-58, Cl. 4—10.
- Burgsmüller, Karl H., to Gomerue Establishment. Thread cutting device. 2,849,926, 9-2-58, Cl. 90—11.64.
- Burgy, Raymond A., to Toledo Scale Corp. Elevator controls. 2,832,437, 4-29-58, Cl. 187—29.
- Burgy, Raymond A., to Toledo Scale Corp. Dispatch machine failure circuit. 2,833,376, 5-6-58, Cl. 187—29.
- Burgy, Raymond A., to Toledo Scale Corp. Variable standing time control. 2,835,346, 5-20-58, Cl. 187—29.
- Burgy, Raymond A., to Toledo Scale Corp. Elevator controls. 2,860,728, 11-18-58, Cl. 187—29.
- Burgy, Raymond A., to Toledo Scale Corp. Elevator controls. 2,861,653, 11-25-58, Cl. 187—29.
- Buri, Alfred, to Societe Anonyme Sulzer Freres. Servomotor control system. 2,825,306, 3-4-58, Cl. 121—38.
- Buri, Alfred, to Sulzer Freres, Societe Anonyme. Pilot controlled valve with follow-up mechanism. 2,830,785, 4-15-58, Cl. 251—29.
- Buri, Alfred, to Sulzer Freres, Societe Anonyme. Heat exchanger. 2,844,360, 7-22-58, Cl. 257—221.
- Buri, Alfred, to Societe Anonyme Sulzer Freres. High pressure valve. 2,847,183, 8-12-58, Cl. 251—363.
- Buri, Alfred, to Sulzer Freres Societe Anonyme. Method and means for controlling resuperheat temperature. 2,852,005, 9-16-58, Cl. 122—479.
- Burk, Herbert S., to Cit-Con Oil Corp. Recovery of wax from lubricating oil stocks. 2,846,355, 8-5-58, Cl. 196—18.
- Burk, Morris S. Expansion loop and bend for underground heating pipe system. 2,823,701, 2-18-58, Cl. 138—48.
- Burk, Paul W., to the United States of America as represented by the Secretary of the Navy. Gun breech closing means. 2,821,885, 2-4-58, Cl. 89—24.
- Burkard, George W. Flush latch. 2,862,749, 12-2-58, Cl. 292—165.
- Burkard, Ralph F.: *See—*
- Lilienfeld, Julius E. 2,826,724.
- Burke, Anthony E., to The Glacier Metal Co. Ltd. Centrifugal oil cleaners. 2,865,562, 12-23-58, Cl. 233—24.
- Burke, Charles W. Telescopic door. 2,850,089, 9-2-58, Cl. 160—202.
- Burke, Edward, and G. A. Kemeny, to Westinghouse Electric Corp. Turbine apparatus. 2,857,133, 10-21-58, Cl. 253—39.15.
- Burke Golf Equipment Corp.: *See—*
- Ford, John D. 2,850,767.
- Burke, Harold J., to Saginaw Products Corp. Wheel assemblies. 2,847,050, 8-12-58, Cl. 152—404.
- Burke, Harry E., L. P. Robinson, R. L. Sink, and R. M. Strassner, to Consolidated Electrodynamics Corp. Function generator having cathode ray means for following edge of birefringent pattern. 2,849,180, 8-26-58, Cl. 235—61.
- Burke, James L.: *See—*
- Thomas, Orrin H. 2,820,857.
- Burke, John C.: *See—*
- Schoos, Maurice A., and Burke. 2,835,089.

- Burke, Kenneth O., to Owens-Illinois Glass Co. Pallet truck. 2,818,989, 1-7-58, Cl. 214—621.
- Burke, Lawrence: *See*—
Agresta, Angelo V., and Burke. 2,827,700.
- Burke, Louis: *See*—
Frank, Robert J., and Burke. 2,860,686.
- Burke, Louis L., to Arco Mfg. Corp. Dishwasher. 2,859,755, 11-11-58, Cl. 134—99.
- Burke, Peter F. C.: *See*—
Rogers, Douglas C., and Burke. 2,824,996.
- Burke, Peter F. C., to International Standard Electric Corp. Electron discharge devices. 2,822,492, 2-4-58, Cl. 313—82.
- Burke, Robert L., to Irrigation Equipment Co., Inc. Latched pipe coupling having slanted latch holding band. 2,822,190, 2-4-58, Cl. 285—5.
- Burke, Robert L. Steam drier. 2,862,574, 12-2-58, Cl. 183—75.
- Burke, Thomas F.: *See*—
Pierce, Chester J., Jr., and Burke. 2,832,270.
- Burke, Thomas F., to Baliak Corp. Device for folding and inserting liners into folding box shells. 2,837,014, 6-3-58, Cl. 93—36.01.
- Burke, William D.: *See*—
Rider, Stuart H., Anas, and Burke. 2,847,388.
- Burke, William F., and R. L. Essex, to Royal McBee Co. Wax carbon printing press. 2,839,025, 6-17-58, Cl. 118—69.
- Burke, William H., 49% to F. J. Kalmar. Fluid differential. 2,827,802, 3-25-58, Cl. 74—710.
- Burke, William O., to National Lock Co. Refrigerator latch mechanism. 2,833,578, 5-6-58, Cl. 292—71.
- Burkett, D. W.: *See*—
Walls, Frederick M. 2,829,501.
- Burkhalter, Harry D. Resilient bumper. 2,827,280, 3-18-58, Cl. 267—1.
- Burkhammer, Eugene W., to P. R. Mallory & Co., Inc. Method of making high density ferrous alloy powder compacts and products thereof. 2,853,767, 9-30-58, Cl. 29—182.
- Burkhard, George: *See*—
Boone, Gardner C., Burkhard, and Wrist. 2,832,268.
- Burkhard, Leonhard: *See*—
2,832,445, 4-29-58, Cl. 189—2.
- Burkhardt, William E., Jr. Method of relocating the finger holes in bowling balls. 2,856,679, 10-21-58, Cl. 29—401.
- Burkhart, Robert E.: *See*—
Williams, Ronald L., Sinclair, and Burkhardt. 2,860,226.
- Burkhart, Robert L.: *See*—
Sandhage, Ellsworth R., and Burkhardt. 2,861,571.
- Burkhart, William H.: *See*—
McCarroll, Joseph F., Jr., and Burkhardt. 2,855,584.
- Burkhart, William H., to Monroe Calculating Machine Co. Multiplying and dividing means for electronic calculators. 2,834,543, 5-13-58, Cl. 235—61.
- Burkhart, William H., to Monroe Calculating Machine Co. Switching circuits. 2,844,811, 7-22-58, Cl. 340—166.
- Burkhart, William H., and R. J. La Manna, to Monroe Calculating Machine Co. Printing control means for electronic computers and the like. 2,848,708, 8-19-58, Cl. 340—173.
- Burkhart, William H., and R. J. La Manna, to Monroe Calculating Machine Co. Means for synchronizing a pair of data handling devices. 2,860,323, 11-11-58, Cl. 340—174.
- Burkholder, Alden H., to Industrial Rayon Corp. Method and apparatus for the production of bulk yarn. 2,854,814, 10-7-58, Cl. 57—164.
- Burkholder, Claude A., to General Box Distributors. Drier for composite paper and veneer sheet material. 2,818,660, 1-7-58, Cl. 34—233.
- Bürkle, Fritz. Expandable bracelet having a coil spring mounted on link-like members. 2,833,129, 5-6-58, Cl. 63—5.
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- Burks, Lowell. Dolly shaping device. 2,822,966, 2-11-58, Cl. 223—35.
- Burla, Ronald A.: *See*—
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- Burleson, James C., to Monsanto Chemical Co. Drilling fluid. 2,855,365, 10-7-58, Cl. 252—8.5.
- Burley, John W., to Jennings Machine Corp. Wire coating apparatus. 2,825,091, 3-4-58, Cl. 18—13.
- Burley, Samuel T., Jr., and C. V. Payton. Repeating toy gun. 2,825,322, 3-4-58, Cl. 124—19.
- Burling, Elmer R., and J. P. Rich. Apparatus for the treatment of slurries of chemical reagents. 2,823,986, 2-18-58, Cl. 23—260.
- Burlington Industries Inc.: *See*—
Butler, Vaughn H. 2,839,907.
Butler, Vaughn H. 2,842,946.
Ephland, Charles R. 2,857,653.
- Burlinson, Cecil P.: *See*—
Wilson, Joseph D., and Burlinson. 2,839,227.
- Burliuk, David, and E. Rambusch, to Rambusch Decorating Co. Lighting fixtures. 2,859,333, 11-4-58, Cl. 240—78.
- Burman, Joseph O., to Progressive Machinery Corp. Stock-feeding apparatus. 2,840,369, 6-24-58, Cl. 271—2.4.
- Burman, Joseph O., Jr., to Progressive Machinery Corp. Machine for forming and notching strip for box reinforcing rims. 2,852,059, 9-16-58, Cl. 153—2.
- Burmeister, Earl R.: *See*—
Schott, Howard H., and Burmeister. 2,833,062.
- Burmeister, Edgard R. R., to Svenska Aktiebolaget Gasaccumulator. Two terminal electric amplifier. 2,852,754, 9-16-58, Cl. 333—80.
- Burn, Kenneth C., to Ferranti, Ltd. Cathode-ray display apparatus. 2,866,128, 12-23-58, Cl. 315—21.
- Burnand, Betty F.: *See*—
Boon, William R., Edgar, Ghosh, Greenhalgh, Hopf, and Burnand. 2,841,517.
- Burnand, John. Pistons for internal combustion engines. 2,843,433, 7-15-58, Cl. 309—14.
- Burnand, John. Pistons. 2,860,614, 11-18-58, Cl. 123—41.38.
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Linton, Alfred. 2,831,046.
Nagorski, Witold. 2,847,495.
- Burndy Engineering Co., Inc.: *See*—
Matthysse, Irving F. 2,836,682.
Matthysse, Irving F., and Peller. 2,836,138.
Piccione, Nicholas E. 2,840,674.
- Burness, Donald M., to Eastman Kodak Co. Method for making polyazaindenes. 2,837,521, 6-3-58, Cl. 260—256.4.
- Burness, John H.: *See*—
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- Burness, Robert E. Deodorizer. 2,818,615, 1-7-58, Cl. 21—111.
- Burnett, Alexander H., to Swift & Co. Cartoning machine. 2,859,570, 11-11-58, Cl. 53—3.
- Burnett, Charles L. Boat trailer dolly. 2,844,389, 7-22-58, Cl. 280—476.
- Burnett, Daniel A. Safety seat assembly for vehicles. 2,818,909, 1-7-58, Cl. 155—9.
- Burnett, Harry C.: *See*—
Bennett, John A., and Burnett. 2,844,958.
Bennett, John A., and Burnett. 2,856,769.
- Burnett, Leo S.: *See*—
Soule, Edward C., and Burnett. 2,832,744.
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- Burnett, Richard T., to Bendix Aviation Corp. Brake with axially movable members. 2,837,178, 6-3-58, Cl. 188—73.
- Burnett, Richard T., to Bendix Aviation Corp. Brake actuator. 2,849,088, 8-26-58, Cl. 188—70.
- Burnett, Richard T., to Bendix Aviation Corp. Brake actuator. 2,856,032, 10-14-58, Cl. 188—70.
- Burnett, Richard T., to Bendix Aviation Corp. Brake assembly. 2,862,580, 12-2-58, Cl. 188—73.
- Burnett, Richard T., and C. McLane, to Bendix Aviation Corp. Brake. 2,857,989, 10-28-58, Cl. 188—70.
- Burnett, Robert E., to General Electric Co. Unsaturated esters of alkoxybenzene dicarboxylic acids and polymers thereof. 2,821,520, 1-28-58, Cl. 260—47.
- Burnett, William M.: *See*—
House, Glenn C., and Burnett. 2,829,715.
- Burney, Donald E.: *See*—
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- Burney, John H.: *See*—
Dittmar, Harry R., and Burney. 2,862,799.
- Burnham, Claude W., to E. D. Bullard Co. Safety hook. 2,853,760, 9-30-58, Cl. 24—241.
- Burnison, George C. Ventilating attachment for hats. 2,818,574, 1-7-58, Cl. 2—181.2.
- Burns, Adele. Bracing elements and demountable buildings employing same. 2,846,732, 8-12-58, Cl. 20—2.
- Burns, Albert L., Jr., and J. Chadderdon, to Houston Oil Field Material Co., Inc. Hydrostatic bumper jar. 2,837,315, 6-3-58, Cl. 255—27.
- Burns, Alvin G., and H. J. McAulay, to Unit Rig & Equipment Co. Vehicle auxiliary drive. 2,829,724, 4-8-58, Cl. 180—53.
- Burns Automatic Corp.: *See*—
Cracchiolo, Ray M. 2,832,603.
- Burns, Benedict D., to Canadian Patents and Development Ltd. Measurements of blood pressure. 2,826,191, 3-11-58, Cl. 128—2.05.
- Burns, Doane, Benedict & Irons: *See*—
Philpott, La Verne R., and Page. 2,820,891.
- Burns, Edmund G. Pressure indicator. 2,842,087, 7-8-58, Cl. 116—34.
- Burns, Edward M. Blower screen. 2,834,060, 5-13-58, Cl. 19—72.
- Burns, Erwin. Multiple slip casing hanger. 2,842,213, 7-8-58, Cl. 166—208.
- Burns, Erwin. Multiple unit packing casing bowl. 2,864,450, 12-16-58, Cl. 166—218.
- Burns, Fred P., to Bell Telephone Laboratories, Inc. Piezo-resistive acoustic transducer. 2,866,014, 12-23-58, Cl. 179—110.
- Burns, John C., Jr., to Diamond Alkali Co. Method of treating carbon electrodes with polymerizable oil. 2,820,728, 1-21-58, Cl. 117—228.
- Burns, John J.: *See*—
Brandt, John B., Kelly, and Burns. 2,862,462.
- Burns, John M. Collapsible structure. 2,865,386, 12-23-58, Cl. 135—1.
- Burns, John R. Variable speed alternating current motor system. 2,835,859, 5-20-58, Cl. 318—232.
- Burns, Laurence, to Sylvania Electric Products Inc. Non-acrylic fluorescent lamp. 2,864,966, 12-16-58, Cl. 313—109.

- Burns, Leo C., to Sealed Power Corp. Compressible piston ring. 2,827,349, 3-18-58, Cl. 309-45.
- Burns, Leslie L., Jr., to Radio Corp. of America. Mechanical filters including rejectors. 2,821,886, 1-28-58, Cl. 333-71.
- Burns, Leslie L., Jr., to Radio Corp. of America. Color image reproduction apparatus. 2,840,635, 6-24-58, Cl. 178-5.4.
- Burns, Leslie L., Jr., to Radio Corp. of America. Mechanical filter. 2,856,588, 10-14-58, Cl. 333-71.
- Burns, Leslie L., Jr., and E. O. Keizer, to Radio Corp. of America. Controllable reactance systems. 2,834,878, 5-13-58, Cl. 250-20.
- Burns, Lester W., to The Pyle-National Co. Combination light fixture and ventilating unit. 2,845,855, 8-5-58, Cl. 98-40.
- Burns, Meryl C., to Clevite Corp. Counter and recorder combination. 2,860,832, 11-18-58, Cl. 235-92.
- Burns, Paul E., and W. R. Childs, to General Electric Co. Nod mechanisms for airborne search track antenna. 2,856,603, 10-14-58, Cl. 74-1.
- Burns, Ray S., and J. C. Sikes, to G. A. Butler. Multiple well completion. 2,830,665, 4-15-58, Cl. 166-75.
- Burns, Robert A.: See—
Webster, Robert S. 2,821,428.
- Burns, Robert E.: See—
Hoppe, John P. 2,821,393.
- Burns, Robert H.: See—
Bruce, Donald M., and Burns. 2,860,548.
- Burns, Robert J., and J. E. MacAfee, to E. I. du Pont de Nemours & Co. Ring traveler. 2,831,313, 4-22-58, Cl. 57-119.
- Burns, Robert T., and D. W. Rowten, to Westinghouse Electric Corp. Luminaire. 2,849,574, 8-26-58, Cl. 200-118.
- Burns, Stanley S., and H. Hornschoch, 50% to Marathon Electric Mfg. Corp. and 50% to Ingersoll-Rand. Glandless electric motor and pump unit. 2,844,101, 7-22-58, Cl. 103-87.
- Burns, Thomas C., and W. H. Marvin, to The Champion Paper and Fibre Co. Apparatus for coating paper. 2,855,895, 10-14-58, Cl. 118-407.
- Burns, William E., to Phillips Petroleum Co. Water-organic separator tank. 2,826,306, 3-11-58, Cl. 210-114.
- Burnside, Walter M., to R. T. Moloney; American National Bank and Trust Co. of Chicago, executor of estate of said R. T. Moloney, deceased. Governor switch. 2,862,079, 11-25-58, Cl. 200-105.
- Burnside, Walter M., to American National Bank and Trust Co. of Chicago, executor of the estate of R. T. Moloney, deceased. Ball game searching and scoring circuit. 2,864,619, 12-16-58, Cl. 273-121.
- Burr, George O., to Hawaiian Development Co., Ltd. Radio-active means and technique for integrating variable quantities. 2,858,449, 10-28-58, Cl. 250-83.6.
- Burr, Robert P.: See—
Bailey, William F., and Burr. 2,845,480.
- Burr, Robert P., to Hazeltine Research, Inc. Image-reproducing apparatus. 2,841,641, 7-1-58, Cl. 178-5.4.
- Burr, Robert P., to Hazeltine Research, Inc. Color-image-reproducing apparatus of the projection type. 2,848,533, 8-19-58, Cl. 178-5.4.
- Burr, Ronald L.: See—
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- Burrell, Harold P. Pile-driving apparatus. 2,830,443, 4-15-58, Cl. 61-79.
- Burrell, Philip A., to Federal Pacific Electric Co. Selective switches. 2,846,528, 8-5-58, Cl. 200-4.
- Burreson, Zina A. M., to Dominion Electric Corp. Steam iron safety filler cap. 2,838,859, 6-17-58, Cl. 38-77.
- Burreson, Zina A. M., to Dominion Electric Corp. Combination steam and dry iron. 2,853,813, 9-30-58, Cl. 38-77.
- Burress, John W., to Drill Carrier Corp. Drill carriage. 2,842,340, 7-8-58, Cl. 255-51.
- Burris, Joseph J. Guide for drill collar subs. 2,835,473, 5-20-58, Cl. 255-28.
- Burris, Robert B., to Faultless Caster Corp. Textile roll bearing. 2,841,830, 7-8-58, Cl. 19-142.
- Burroughs, Charles W.: See—
McNeil, George L., and Burroughs. 2,819,666.
- Burroughs, Clarence M., to Burroughs Mfg. Corp. Container. 2,833,324, 5-6-58, Cl. 150-05.
- Burroughs Corp.: See—
Auerbach, Isaac L. 2,844,812.
- Avery, Robert W. Re. 24,494.
- Avery, Robert W. 2,864,076.
- Bank, Oscar W., and Stromback. 2,836,355.
- Baumgartner, William H. 2,839,743.
- Baumgartner, William H., and Weise. 2,839,709.
- Beckman, Carl, and Starr. 2,850,673.
- Beek, Joseph A., Jr., Gilson, and Westlake. 2,835,882.
- Bethke, John R. 2,827,590.
- Bethke, John R. 2,835,808.
- Bradshaw, Robert S., and Stromback. 2,822,752.
- Burroughs, Clarence M. 2,833,324.
- Cola, Rudolph A. 2,856,558.
- Cola, Rudolph A. 2,857,550.
- Consalvi, Anthony L. 2,823,373.
- Dedek, Frank G. 2,833,475.
- Deutsch, Joseph. 2,858,526.
- Disson, Stanley B., and Meyerhoff. 2,832,065.
- Dowds, Thomas A. 2,853,656.
- Driscoll, Robert R. 2,833,949.
- Burroughs Corp.: See—Continued
Dusenbury, Theodore P. 2,819,067.
- Elovic, Alexander, and Best. 2,824,776.
- Engel, William T. 2,833,473.
- Epstein, Herman, and Stram. 2,846,654.
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- Fan, Sin-Pih. 2,825,853.
- Fan, Sin-Pih, and Cola. 2,834,912.
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- Fan, Sin-Pih, and Kuchinsky. 2,839,702.
- Frederick, Harold M. 2,863,655.
- Gavurnik, Steven. 2,827,812.
- Gray, Robert L. 2,826,695.
- Groom, Robert G. 2,856,464.
- Haddad, Theodore A. 2,849,645.
- Haydu, Zoltan, and Sutton. 2,836,879.
- Heddendorf, George B., and Di Giulio. 2,853,939.
- Hemphill, Francis A. 2,863,138.
- Hennessey, William M. 2,846,672.
- Hoberg, George G. 2,857,552.
- Hoffman, Paul R. 2,850,238.
- Jones, John P. 2,823,360.
- Jones, John P. 2,823,371.
- Jones, John P. 2,823,372.
- Jones, John P. 2,825,047.
- Jones, John P., Jr. 2,819,395.
- Kuchinsky, Saul. 2,848,605.
- Kuchinsky, Saul, and Moss. 2,848,647.
- Landrey, Leo R. 2,823,330.
- Leshner, Ervin. 2,858,131.
- Loev, David. 2,850,722.
- MacDonald, Duncan N. 2,831,424.
- MacDonald, Duncan N. 2,862,664.
- MacDonald, Duncan N. 2,862,675.
- MacDonald, Duncan N. 2,862,715.
- Martin, Joseph M. 2,840,672.
- Mathamel, Flavius A., and Emery. 2,840,204.
- Medoff, Joseph L. 2,849,654.
- Meyerhoff, Albert J. 2,861,259.
- Miehle, William. 2,858,525.
- Myers, Harold B. 2,840,083.
- Myers, Harold B. 2,861,706.
- Neidich, George G. 2,833,666.
- Neidich, George G., Low, and Martin. 2,833,242.
- Okada, Robert H. 2,843,764.
- Paivinen, John O. 2,824,961.
- Paivinen, John O. 2,852,675.
- Parstorfer, John. 2,863,336.
- Perlmutter, Norman. 2,857,516.
- Relis, Matthew J. 2,862,046.
- Roome, Elmer S. 2,829,023.
- Runde, Byron A. 2,843,247.
- Selmer, Ernst S. 2,856,595.
- Speh, Herman A. 2,831,561.
- Thompson, Lyle G. 2,822,532.
- Tillman, Robert M. 2,850,631.
- Tompkins, Howard E. 2,839,686.
- Tracy, Robert A. 2,832,062.
- Vander Tuin, John, and Payne. 2,840,237.
- Wallace, John. 2,852,965.
- Wang, Gordon C. 2,853,573.
- Weise, Richard C. 2,839,693.
- Williams, Robert J. 2,842,662.
- Wockenfuss, William. 2,864,558.
- Wockenfuss, William, and Engel. 2,853,940.
- Wylen, Joseph. 2,857,586.
- Youngquist, Vincent R. 2,840,393.
- Burroughs, Edwin E., to St. Regis Paper Co. Manufacture of semi-rigid corrugated paperboard cartons. 2,830,506, 4-15-58, Cl. 93-45.
- Burroughs, Edwin E., to St. Regis Paper Co. Scoring apparatus. 2,837,012, 6-3-58, Cl. 93-8.
- Burroughs Wellcome & Co. (U. S. A.), Inc.: See—
Billinghurst, John E. W. 2,851,458.
- Billinghurst, John E. W. 2,851,459.
- Harfenist, Morton, and Magnien. 2,832,784.
- Harfenist, Morton, and Magnien. 2,842,555.
- Hitchings, George H., and Elion. 2,830,053.
- Hitchings, George H., and Elion. 2,832,781.
- Burroughs, William W., to Sylvania Electric Products Inc. Repeating photoflash gun. 2,866,085, 12-23-58, Cl. 240-37.
- Burrows, Allen. Sponge-rubber liner for socket wrench. 2,832,245, 4-29-58, Cl. 81-125.
- Burrows, Arthur T. C., to Geo. W. King, Ltd. Conveyor systems. 2,862,600, 12-2-58, Cl. 198-20.
- Burrows, Godfrey, to General Motors Corp. Frame members. 2,840,358, 6-24-58, Cl. 280-106.
- Burrows, Sol J., to Neo Products Co. Display stand. 2,821,308, 1-28-58, Cl. 211-65.
- Burrows, Stanley, to Joseph Adamson & Co. Limit switch actuator. 2,852,630, 9-16-58, Cl. 200-47.
- Burrows, William F., and H. W. Hanners, to The White Motor Co. Cylinder head. 2,858,815, 11-4-58, Cl. 123-41.82.
- Bursak, George J. Packaging apparatus. 2,827,742, 3-25-58, Cl. 53-178.
- Burstall, Francis H.: See—
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- Burstyn, Walther. Arrangement for measuring a mechanical effect. 2,847,854, 8-19-58, Cl. 73—134.
- Burt, Charles E., E. Kussmaul, and H. K. MacKechnie, to Kelek Co. Pressure switch. 2,845,512, 7-29-58, Cl. 200—162.
- Burt, F. N., Co., Inc.: *See*—
Morrison, Charles C. 2,859,085.
Morrison, Charles C. 2,866,569.
- Burt, Farlow B., to Bendix Aviation Corp. Method of chamfering a valve spool. 2,841,933, 7-8-58, Cl. 51—281.
- Burt, James G.: *See*—
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- Burt, James G., to E. I. du Pont de Nemours and Co. Fluid, curable polyalkyleneether glycol compositions and cured elastomers obtained therefrom. 2,858,298, 10-28-58, Cl. 260—77.5.
- Burt, Roy C. Diving doll toy. 2,852,884, 9-23-58, Cl. 46—92.
- Burt, Wesley S., to General Electric Co. Scale compressing circuit. 2,824,286, 2-18-58, Cl. 324—132.
- Burt, William E.: *See*—
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- Burchaell, Clarence S. Printing machine. 2,863,386, 12-9-58, Cl. 101—212.
- Burtner, Robert R.: *See*—
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- Burtness, Roger W.: *See*—
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- Burton, Charles L., and H. E. van Hoesen, to Research Corp. Air supply control for air hammer. 2,842,938, 7-15-58, Cl. 60—57.
- Burton-Dixie Corp.: *See*—
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- Burton, Edward F. Electric pencil sharpener. 2,822,781, 2-11-58, Cl. 120—96.
- Burton, Edward F. Flexible shaft power tool. 2,840,673, 6-24-58, Cl. 200—157.
- Burton, Eric J., and R. Mayorcas, to Land Pyrometers Ltd. Measurement of temperatures. 2,833,844, 5-5-58, Cl. 136—4.
- Burton, Everett T., to Bell Telephone Laboratories, Inc. Selectable base counter. 2,828,071, 3-25-58, Cl. 235—92.
- Burton, Everett T., to Bell Telephone Laboratories, Inc. Delay circuits. 2,861,181, 11-18-58, Cl. 250—27.
- Burton, Gordon L., to United States of America, Army. Waveguide switch. 2,842,745, 7-8-58, Cl. 333—7.
- Burton, Jesse B., to The Waterbury Farrel Foundry & Machine Co. Combination brake and clutch mechanism. 2,838,149, 6-10-58, Cl. 192—12.
- Burton, John, Machine Corp.: *See*—
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- Burton, John E.: *See*—
Dean, Albert G., and Burton. 2,853,957.
- Burton, Leonard, and A. I. Spear, to The National Plastic Products Co. Decorative laminates. 2,857,302, 10-21-58, Cl. 154—45.9.
- Burton, Milton: *See*—
Devins, John C., and Burton. 2,849,357.
- Burton, Ollie L. Power lift disc cultivator for tractors. 2,838,987, 6-17-58, Cl. 97—47.63.
- Burton, Raymond A.: *See*—
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- Burton, Reginald W., to The Mining Corp. of Canada Ltd. Method for the cyanidation of precious metals. 2,839,387, 6-17-58, Cl. 75—105.
- Burton, Samuel D.: *See*—
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- Burton, Sidney G.: *See*—
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- Burton, Walter C. C., Jr. Interchangeable anti-slip shoe sole attachment. 2,839,845, 6-24-58, Cl. 36—7.7.
- Burton, William H., to Pilkington's Tiles Ltd. Conveyor mechanism for tunnel kilns. 2,828,004, 3-25-58, Cl. 198—219.
- Burton, William P.: *See*—
Patton, James L., Stanford, and Burton. 2,834,823.
- Burton, William P., and C. E. Slynstad, to The M. W. Kellogg Co. Stabilization of furnace oil by hydrotreating to remove sulfur and gum. 2,840,512, 6-24-58, Cl. 196—24.
- Burwell, Blair. Pressure filter. 2,849,121, 8-26-58, Cl. 210—226.
- Burwell, John A., deceased; L. P. Burwell, executrix, to Bell Telephone Laboratories, Inc. Damping means for cross-bar switch selecting finger. 2,827,518, 3-18-58, Cl. 179—27.54.
- Burwell, John T., Jr.: *See*—
Sibert, Merle E., and Burwell. 2,828,251.
- Burwell, Lucy P.: *See*—
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- Bus, Willem C., J. Muetgeert, and P. Hiemstra, to Coöperatieve Verkoop-en Productievereniging van Aardappelmeel en Derivaten "Avebe" G. A. Process for fractionating starch into components with branched and linear chains. 2,822,305, 2-4-58, Cl. 127—71.
- Bus, Willem C., J. Muetgeert, and P. Hiemstra, to Coöperatieve Verkoop-en Productievereniging van Aardappelmeel en Derivaten "Avebe" G. A. Process for fractionating starch into components with branched and linear chains. 2,829,987, 4-8-58, Cl. 127—71.
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- Busatti, Josephine: *See*—
Busatti, Vito G. 2,833,660.
- Busatti, Vito G., deceased; J. Busatti, administratrix. Plaster. 2,833,660, 5-6-58, Cl. 106—114.
- Busby, Samuel J. Smoke cooling cigarette holder. 2,823,680, 2-18-58, Cl. 131—198.
- Busby, Terence S., M. Manners, and J. H. Partridge, to The General Electric Co. Ltd. Refractory materials. 2,830,348, 4-15-58, Cl. 25—156.
- Busch, Charles R., to Buffalo Brake Beam Co. Brake beam for railway car trucks. 2,826,279, 3-11-58, Cl. 188—223.1.
- Busch, Charles R., to Buffalo Brake Beam Co. Wheel and brake disc unit for railway car trucks. 2,856,038, 10-14-58, Cl. 188—218.
- Busch, Eduard, to Maschinenfabrik und Eisengiesserei A. Heinen G. m. b. H. Tobacco cutter having automatically adjustable mouthpiece. 2,822,844, 2-11-58, Cl. 146—101.
- Busch, Edwin. Continuous film reel. 2,837,332, 6-3-58, Cl. 271—218.
- Busch, Floyd H., to General Electric Co. Adjustable lag compensator. 2,836,795, 5-27-58, Cl. 324—138.
- Busch, Frank B., to Owens-Illinois Glass Co. Bottle stoppers. 2,822,104, 2-4-58, Cl. 215—54.
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- Busch-Jaeger Durenor Metallwerke Akt.: *See*—
Eppinger, Alfred, and Busch. 2,844,681.
- Busch, Lee S.: *See*—
Abkowitz, Stanley, and Busch. 2,819,958.
- Busch, Lee S., G. W. Bauer, and P. E. Moorhead, to Mallory-Sharon Metals Corp. Titanium-vanadium-aluminum alloys. 2,864,697, 12-16-58, Cl. 75—175.5.
- Busch, Leonard A. Fish lure. 2,866,292, 12-30-58, Cl. 43—42.48.
- Busch, Norman G., to Air Controls, Inc. Direct drive blower unit. 2,823,852, 2-18-58, Cl. 230—117.
- Busch, Richard E.: *See*—
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- Busch, Werner: *See*—
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- Busch, William A., to Monsanto Chemical Co. Drilling fluid. 2,826,548, 3-11-58, Cl. 252—8.5.
- Buschmann, Joseph, to Koppers Co., Inc. Slit type storage chamber. 2,823,834, 2-18-58, Cl. 222—136.
- Buselli, Alio J., and A. V. Tobolsky, to Air Reduction Co., Inc. Blends and copolymers of polymerized acetylene and method of molding same. 2,838,469, 6-10-58, Cl. 260—45.5.
- Buser Fritz Maschinen- und Apparatebau: *See*—
Voegelien, Heinrich. 2,839,813.
- Buser, Willy: *See*—
Keller, Konrad H., Flood, and Buser. 2,851,549.
- Bussey, Harold M., to United States of America, Atomic Energy Commission. Steam stirred homogeneous nuclear reactor. 2,837,476, 6-3-58, Cl. 204—193.2.
- Bussey, Harold M., to United States of America, Atomic Energy Commission. Apparatus for catalytically combining gases. 2,847,284, 8-12-58, Cl. 23—288.
- Bush, Glenn W.: *See*—
Lena, Adolph J., and Bush. 2,824,820.
- Bush, Theresa E. Bootie. 2,846,784, 8-12-58, Cl. 36—9.
- Bushman, Howard L. Jib cranes. 2,825,471, 3-4-58, Cl. 212—28.
- Bushnell, Donald W., to Eastman Kodak Co. Apparatus for prevention of slug formation in the casting of film support and sheeting. 2,831,211, 4-22-58, Cl. 18—15.
- Bushnell, Earl O. Chain tightener. 2,821,359, 1-28-58, Cl. 254—78.
- Bushong, Raymond M., and H. R. Cole, to Union Carbide Corp. Activated carbon for hypersorber applications. 2,829,115, 4-1-58, Cl. 252—421.
- Bushong, Tolbert C.: *See*—
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- Bushway, George H., to Shu-Conditioner Inc. Box toe blank conditioning machine. 2,818,832, 1-7-58, Cl. 118—426.
- Busignies, Henri G., to International Standard Electric Corp. Position finding system for gun fire control. 2,855,592, 10-7-58, Cl. 343—11.
- Busignies, Henri G., M. Rogoff, and G. A. Deschamps, to International Telephone and Telegraph Corp. Electronic spectroanalysis computer. 2,866,899, 12-30-58, Cl. 250—43.5.

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- Buskirk, John E., to General Motors Corp. Battery vent plug. 2,835,720, 5-20-58, Cl. 136-177.
- Buskirk, John E., and G. E. Hole, to General Motors Corp. Addition agent for battery paste. 2,856,447, 10-14-58, Cl. 136-26.
- Buslawski, Helen: See—
- Buslawski, Thaddeus W. 2,828,370.
- Buslawski, Thaddeus W. deceased; H. Buslawski, administratrix, to H. Buslawski. Circuit controlling device. 2,828,370, 3-25-58, Cl. 200-6.
- Busquet, Jan C., to Koninklijke Machinefabriek Gebr. Stork & Co., N. V. Hengelo (O). Axial flow fans or axial flow pumps. 2,844,304, 7-22-58, Cl. 230-120.
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- List, Heinz, Frösch, and Granacher. 2,828,586.
- Buss, Benjamin A., to American Machine and Metals, Inc. Washer supply controls. 2,841,176, 7-1-58, Cl. 137-565.
- Buss, Benjamin A., to American Machine and Metals, Inc. Laundry machines. 2,852,251, 9-16-58, Cl. 270-69.
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- Buss, Benjamin A., to American Machine and Metals, Inc. Washing machine. 2,864,526, 12-16-58, Cl. 220-10.
- Buss, Benjamin A., and P. J. Scott, to American Machine and Metals, Inc. Controlling devices for laundry machines. 2,858,128, 10-28-58, Cl. 270-69.
- Bussard, Emmerly J. H., and R. Nathan, to Avco Mfg. Corp. Ultra-high-frequency converter for very-high-frequency television receiver. 2,843,828, 7-15-58, Cl. 333-73.
- Bussard, Emmerly J. H., and R. Nathan, to Avco Mfg. Corp. Oscillator. 2,854,577, 9-30-58, Cl. 250-36.
- Bussard, Willis A., and H. C. Chan, to Tropi-Sales. Plastic material and method of preparing same. 2,827,414, 3-18-58, Cl. 154-128.
- Busse, Warren F., and J. A. Boxler, to E. I. du Pont de Nemours and Co. Modified monoalkene polymers and method for adhesively bending same. 2,838,437, 6-10-58, Cl. 154-139.
- Bustin, Leopold. Grating. 2,830,509, 4-15-58, Cl. 94-5.
- Buswell, Arthur M. Process for cleaning raw wool. 2,864,746, 12-16-58, Cl. 195-6.
- Butcher, Alvin E.: See—
- Skinner, John G., and Butcher. 2,848,618.
- Butcher, Ernest: See—
- Kohl, Arthur L., and Butcher. 2,833,122.
- Butcher, Ernest E., and L. Spilman, to Waynesboro Publishing Corp. Portable color ink fountain. 2,823,607, 2-18-58, Cl. 101-363.
- Butcher, Walter W.: See—
- Zletz, Alex, Carmody, and Butcher. 2,857,738.
- Butcher, William H. M., to The General Electric Co., Ltd. Heating apparatus. 2,840,683, 6-24-58, Cl. 219-43.
- Buteosk, Richard A., to Socony Mobil Oil Co., Inc. Lithium base grease. 2,842,493, 7-8-58, Cl. 252-36.
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- Butehorn, William C. Mechanical finger for spinning reel in fishing tackle. 2,843,963, 7-22-58, Cl. 43-25.
- Buteux, Richard H. B., and J. W. Cornforth, to Imperial Chemical Industries Ltd. Apparatus for production of films. 2,863,172, 12-9-58, Cl. 18-14.
- Buti, Bruno O. Layout tool. 2,835,045, 5-20-58, Cl. 33-191.
- Rutin, Emil A. Shuttle change magazine for looms. 2,837,125, 6-3-58, Cl. 139-232.
- Butkus, Walter A., to General Motors Corp. Journal box. 2,845,310, 7-29-58, Cl. 308-41.
- Butler, Dessel W. Cutting and grooving tool. 2,833,035, 5-6-58, Cl. 30-293.
- Butler, Donald: See—
- Lowe, Arnold J., Butler, and Meade. 2,823,236.
- Butler, Donald D.: See—
- Bergstad, Ralph H., and Butler. 2,838,848.
- Butler, Earl R., and K. A. Main, to United States of America, Army. Single block actuator for a revolver-type gun. 2,836,107, 5-27-58, Cl. 89-156.
- Butler, Edward J. Self-tightening reversible chuck. 2,843,388, 7-15-58, Cl. 279-002.
- Butler, Florence P.: See—
- Kroll, Harry, and Butler. 2,860,164.
- Butler, George A.: See—
- Burns, Ray S., and Sikes. 2,830,665.
- Eichenberg, Robert, and Shuptrine. 2,834,097.
- Johnson, Charles F. 2,842,336.
- Rhodes, Allen F. 2,824,757.
- Rhodes, Allen F. 2,830,666.
- Wallace, James L. 2,859,773.
- Butler, George V. Method and apparatus for producing X-ray photographs. 2,829,263, 4-1-58, Cl. 250-65.
- Butler, Gordon M., Jr., to The Carborundum Co. Silicon carbide immersion heating device. 2,858,403, 10-28-58, Cl. 201-76.3.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Mechanical servo brake. 2,827,985, 3-25-58, Cl. 188-70.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Fluid pressure actuated system and operating means therefor. 2,829,500, 4-8-58, Cl. 60-54.6.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Disc brake assembly. 2,830,679, 4-15-58, Cl. 188-72.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Spot brakes. 2,835,350, 5-20-58, Cl. 188-73.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Hydraulic braking system. 2,861,655, 11-25-58, Cl. 188-73.
- Butler, Henry M.: See—
- Dyrkacz, Wasil W., Pitler, and Butler. 2,824,798.
- Butler, James G. Means for cuffing trousers and preparing same therefor. 2,863,591, 12-9-58, Cl. 223-2.
- Butler, Jesse L., to Sanders Associates, Inc. Directional antenna. 2,821,707, 1-28-58, Cl. 343-756.
- Butler, Jesse L., to Sanders Associates, Inc. Aircraft instrument landing system. 2,822,540, 2-4-58, Cl. 343-108.
- Butler, Jesse L., to Sanders Associates, Inc. Conical scanning antenna. 2,848,715, 8-19-58, Cl. 343-763.
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- Butler, Jimmy L. Means for cooling the cutters of drill bits. 2,861,780, 11-25-58, Cl. 255-303.
- Butler, John M.: See—
- Fields, Joseph E., and Butler. 2,841,558.
- Butler, John M., to Monsanto Chemical Co. Cyano ether-ester copolymer. 2,828,295, 3-25-58, Cl. 260-85.5.
- Butler, John P., to United States of America, Atomic Energy Commission. Solvent extraction of neptunium. 2,847,276, 8-12-58, Cl. 23-14.5.
- Butler, Judson C.: See—
- Elwell, William E., and Butler. 2,823,192.
- Butler, Keith H.: See—
- Rulon, Richard M., and Butler. 2,844,540.
- Butler, Keith H., to Sylvania Electric Products Inc. Germanium-activated phosphor. 2,824,072, 2-18-58, Cl. 252-301.4.
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- Butler, Maynard H. Fish hooks. 2,841,914, 7-8-58, Cl. 43-43.16.
- Butler, Michael A. E.: See—
- Bray, Frederick H., and Butler. 2,851,534.
- Butler, Richard K.: See—
- Cotchett, Louis M., and Butler. 2,865,057.
- Butler, Robert F.: See—
- Anderson, Irving F., and Butler. 2,838,134.
- Butler, Robert F., and R. C. Datin, to Allied Chemical & Dye Corp. Process for removal of divinylacetylene from acrylonitrile. 2,846,025, 8-5-58, Cl. 183-115.
- Butler, Robert P.: See—
- Reader, Joseph T., and Butler. Re. 24,513.
- Butler, Robert W.: See—
- Miller, Meritt L., and Butler. 2,838,671.
- Butler, Roy T.: See—
- Hollowell, John R., Smith, and Butler. 2,860,004.
- Butler, Thomas A., to The Lubrizol Corp. Inhibition of corrosion of metal surfaces by salt of phosphorodithioic acid. 2,861,907, 11-25-58, Cl. 148-6.17.
- Butler, Thomas J. Apparatus and method for pressure molding foundry sand. 2,847,735, 8-19-58, Cl. 22-20.
- Butler, Vaughn H., to Burlington Industries, Inc. Automatic length control mechanism for knitting machines. 2,839,907, 6-24-58, Cl. 66-55.
- Butler, Vaughn H., to Burlington Industries, Inc. Adjustable cam for circular knitting machines. 2,842,946, 7-15-58, Cl. 66-156.
- Butler, Wallace B. Sear-disconnector mechanism. 2,829,563, 4-8-58, Cl. 89-144.
- Butler, Wallace B., to Olin Mathieson Chemical Corp. Fire-arm having a floating receiver. 2,844,904, 7-29-58, Cl. 42-75.
- Butler, Wallace B., to Olin Mathieson Chemical Corp. Cartridge feeding mechanism. 2,845,738, 8-5-58, Cl. 42-17.
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- Beacham, Robert C., Butler, and Corcoran. 2,853,069.
- Butler, William F., to Cutter Laboratories, Inc. Container for blood and the like. 2,838,046, 6-10-58, Cl. 128-272.
- Butler, William F., to Cutter Laboratories, Inc. Filter. 2,842,122, 7-8-58, Cl. 128-214.
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- Butsch, Paul V., to United States Rubber Co. Process of making vinyl resin plastic sponge. 2,861,963, 11-25-58, Cl. 260-2.5.
- Butt, Alan G.: See—
- Pearse, Richard H., Jr., and Butt. 2,819,045.
- Butterfield, Frank E., to Motorola, Inc. Directive antenna. 2,822,542, 2-4-58, Cl. 343-785.
- Butterfield, John P., to Chrysler Corp. Combined electromagnetic and strap-type brake. 2,824,626, 2-25-58, Cl. 188-140.
- Butterfield, John P., to Chrysler Corp. Spring snubber unit. 2,844,366, 7-22-58, Cl. 267-1.
- Butterfield, John P., F. Walter, O. J. Winkelmann, and J. F. Jones, to Chrysler Corp. Electromagnetically controlled transmission. 2,860,528, 11-18-58, Cl. 74-753.

- Butterfield, Max E., and N. E. Risk, to Caterpillar Tractor Co. Control linkage for a band type brake. 2,854,858, 10-7-58, Cl. 74-512.
- Butterworth, Greig S., and E. S. Silver, to Airborne Instruments Laboratory, Inc. Incremental feed mechanisms. 2,843,974, 7-22-58, Cl. 51-103.
- Butterworth, Herbert W., and S. P. Morse; said Morse assignor to said Butterworth. Phonograph performance illustrator. 2,843,012, 7-15-58, Cl. 88-28.
- Buttery, Kenneth T., to Sutherland Paper Co. Covered boxes or cartons. 2,827,222, 3-18-58, Cl. 229-45.
- Büttner, Artur, to Schnellpressenfabrik Akt. Heidelberg. Sheet feeding mechanism. 2,824,738, 2-25-58, Cl. 271-62.
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- Büttner, Artur, to Schnellpressenfabrik Akt. Heidelberg. Rotary cylinder printing machine. 2,866,409, 12-30-58, Cl. 101-282.
- Büttner, Artur, and H. Kocher, to Schnellpressenfabrik Akt. Heidelberg. Automatic platen printing press. 2,821,917, 2-4-58, Cl. 101-299.
- Büttner, Artur, K. Barthel, and L. Jung, to Schnellpressenfabrik Akt. Sheet-supplying device for printing- and paper-working machines. 2,848,226, 8-19-58, Cl. 271-12.
- Buttner, Franz; *See*—
- Ascherl, Alfons, Buttner, and Enk. 2,865,955.
- Button, Peter A.; *See*—
- Stamm, Robert F., and Button. 2,858,727.
- Buttrey, Ronald N.; *See*—
- Nicholas, Alfred J., and Buttrey. 2,842,643.
- Butts, Richard R., $\frac{1}{2}$ to G. R. Harris, $\frac{1}{2}$ to D. J. Menter, and $\frac{1}{2}$ to J. Menter, Jr. Grinding machines. 2,856,735, 10-21-58, Cl. 51-56.
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- Butzko, Robert L., to Auto-Vac Co. Vacuum molding machine. 2,836,852, 6-3-58, Cl. 18-19.
- Buus, Harold W.; *See*—
- Stearns, Roswell H., and Buus. 2,862,619.
- Buvelot, John A.; *See*—
- Polanin, Walter R., and Buvelot. 2,840,190.
- Buvelot, John A., to American Steel Foundries. Brake rigging aligning means. 2,846,032, 8-5-58, Cl. 188-205.
- Buxton, Inc.; *See*—
- Broughton, Douglas J. 2,855,012.
- Collings, Dana B. 2,827,094.
- Buxton, Sidney W., A. P. Oakley, and H. Letherland, to The Raleigh Cycle Co. Ltd. Hooded handlebar levers. 2,829,534, 4-8-58, Cl. 74-488.
- Buys, Jacob, to North American Philips Co., Inc. Arrangement for controlling a gas- or vapour-filled discharge tube. 2,829,312, 4-1-58, Cl. 315-165.
- Buyze, Edwin K., to The Budd Co. Disk brakes. 2,827,132, 3-18-58, Cl. 188-73.
- Buzas, André, C. Dufour, and J. Roy, to F. E. Jonas. Theophylline derivatives and their preparation. 2,827,418, 3-18-58, Cl. 167-65.
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- Buzicky, Edmund J.; *See*—
- Swanson, Donald F., and Buzicky. 2,860,027.
- Buzicky, Edmund J., to Whirlpool Corp. Locking wedge for freezer dividers. 2,820,567, 1-21-58, Cl. 220-22.
- Buzzini, Lee H. Holder and pull-out for a collapsible fish net unit. 2,850,829, 9-9-58, Cl. 43-12.
- By, Nils G., to Aktiebolaget Bofors. Method of manufacturing explosives. 2,852,360, 9-16-58, Cl. 52-20.
- Byal, John M.; *See*—
- Dunipace, Donald W., and Byal. 2,865,142.
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- Byatt, Dennis, to Marconi's Wireless Telegraph Co. Ltd. Radio direction finders. 2,843,847, 7-15-58, Cl. 343-121.
- Byatt, Dennis, and J. F. Hatch, to Marconi's Wireless Telegraph Co. Ltd. Self-orienting radio direction finders. 2,836,817, 5-27-58, Cl. 343-117.
- Byberg, Jonas J. Feed mixer and grinder. 2,825,511, 3-4-58, Cl. 241-97.
- Byer, Bernard B., to Tele-Dynamics Inc. Automatic gain control systems. 2,838,660, 6-10-58, Cl. 250-20.
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- Bychinsky, Wilfred A., and M. Skunda, to General Motors Corp. Spark plug and method for making same. 2,863,080, 12-2-58, Cl. 313-137.
- Bydalek, Floyd J., and R. B. Matthews, to Baso Inc. Electromagnetic control device. 2,833,508, 5-6-58, Cl. 251-133.
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- Byer, Joseph A., to Corby Mfg. Co. Handle for mattresses and the like. 2,860,353, 11-18-58, Cl. 5-345.
- Byerly, Carl W., to Research-Cottrell, Inc. Collecting electrode. 2,826,262, 3-11-58, Cl. 183-7.
- Byers, Clifton A., to The Goodyear Tire & Rubber Co. Brake having a non-fusing brake element. 2,850,118, 9-2-58, Cl. 188-71.
- Byers, Donald W. Device for mounting and sealing film transparencies. 2,865,425, 12-23-58, Cl. 154-1.6.
- Byers, James O., Jr.; *See*—
- Larsen, Lester J., and Byers. 2,855,858.
- Byers, Richard E.; *See*—
- Haggerty, Patrick E., Olson, Congdon, Toomey, Thomson, and Byers. 2,857,510.
- Byford Labs, Inc.; *See*—
- Powell, Albert E. 2,863,120.
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- Byhre, Henry J. Fish released trap-hook. 2,856,722, 10-21-58, Cl. 43-36.
- Byk-Gulden Lomberg Chemische Fabrik G. m. b. H.; *See*—
- Winterhalder, Ludwig. 2,838,570.
- Bykowski, Ronald M.; *See*—
- Dye, Edward R., Egly, and Bykowski. 2,846,683.
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- Bylsma, Harold F.; *See*—
- Tousignant, William F., and Bylsma. 2,839,417.
- Bylund, Eric, to Schiek Inc. Electric shaver shearing head assembly. 2,859,513, 11-11-58, Cl. 30-43.
- Byrd, George, to E. L. Caldwell & Sons. Boat transporting and launching device. 2,835,401, 5-20-58, Cl. 214-506.
- Byrd, Gerald J., to Lignosol Chemicals Ltd. Well drilling fluids and method of making the same. 2,858,271, 10-28-58, Cl. 252-8.5.
- Byrd, Hugh L., to Sir James Farmer Norton & Co. Ltd. Mangling machines. 2,825,217, 3-4-58, Cl. 68-256.
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- Byrd, Parks W., to Western Electric Co., Inc. Wrench for holding and inserting bushings. 2,829,548, 4-8-58, Cl. 51-3.
- Byrd, Parks W., and J. B. Self, Jr., to Western Electric Co., Inc. Aligning fixture for brushes. 2,833,050, 5-6-58, Cl. 33-180.
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- Aller, Willis F., and Byrket. 2,859,529.
- Byrket, Elwood L., and D. H. McConnell, to The Sheffield Corp. Gauging device. 2,852,852, 9-23-58, Cl. 33-174.
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- Byrne Doors, Inc.; *See*—
- Urquhart, Thornton L. 2,838,302.
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- Byrne, Edward L., to United States of America, Navy. Pulse regenerator circuit. 2,864,954, 12-16-58, Cl. 250-27.
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- Byrne, Hugh J. Apparatus and method for digesting. 2,845,347, 7-29-58, Cl. 92-7.
- Byrne, Irma. Adjustable rack. 2,866,559, 12-30-58, Cl. 211-35.
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- Byrnes, James H., and J. C. Borger, to Westoak Machine Corp. Machine for applying pressure-sensitive sheet to flat objects. 2,818,908, 1-7-58, Cl. 154-41.
- Byrnes, William P., to Teletype Corp. Start-stop distributor ring. 2,865,995, 12-23-58, Cl. 178-52.
- Bystrom, Mikeal G. Lathe stop. 2,830,821, 4-15-58, Cl. 279-2.
- C. A. D. A. C. "Compania Argentina De Aparatos Criptografos Sociedad De Responsabilidad Limitada"; *See*—
- Vaya, Augusto. 2,866,274.
- C. A. V. Ltd.; *See*—
- Austen, Alan E. W., and Wedmore. 2,833,140.
- Bridges, Kenneth A. 2,845,801.
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Christofferson, James. 2,824,989.
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- C D C Control Services, Inc.: *See*—
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- C. & H. Specialties Co.: *See*—
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- C. I. P. Compagnia Italiana Petrolio S. p. A.: *See*—
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- C & J Service, Inc.: *See*—
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- C-L Processes, Inc.: *See*—
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- C. T. Electrical Controls Ltd.: *See*—
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- Caballeros, Hector M. Clutchless variable speed transmission. 2,827,795, 3-25-58, Cl. 74-217.
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- Cabe, Frank D.: *See*—
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- Cable, Joseph W., and W. C. Rudd, to Magnetic Heating Corp. Tube welding by high frequency resistance heating. 2,827,544, 3-18-58, Cl. 219-67.
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- Cable, Stephen J., to United States Ceramic Tile Co. Tile and grouting assembly. 2,852,932, 9-23-58, Cl. 72-24.
- Cable, Walter L., to Bendix Aviation Corp. Multi-vane positive displacement pump. 2,833,465, 5-6-58, Cl. 230-152.
- Cabluck, Johnny. Boat trailers. 2,858,951, 11-4-58, Cl. 214-505.
- Cabot, Godfrey L., Inc.: *See*—
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- Cabral, Seth M. Electrical conductor with adhesive backing. 2,831,049, 4-15-58, Cl. 174-117.
- Cacheris, John C., to United States of America, Army. Microwave duplexer-detector. 2,839,683, 6-17-58, Cl. 250-31.
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- Caddock, Richard E. Liquid fuel collector and distributor ring for carburetors. 2,822,253, 2-4-58, Cl. 48-180.
- Cadillac, John G. and R. T., to Aacon Contracting Co., Inc. Motor vehicle package. 2,841,278, 7-1-58, Cl. 206-65.
- Cadillac Robert T.: *See*—
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- Cadle, Hubert H., to Foster Machine Co. Thread end grip and release for a winding machine. 2,827,243, 3-18-58, Cl. 242-18.
- Cadman, Robert B., Jr.: *See*—
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- Cadwell, Carl L.: *See*—
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- Cadwell, Leonard E.: *See*—
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- Cadwell, Vyril E. Arm-brace-securing means. 2,844,395, 7-22-58, Cl. 287-1.
- Cady, Arthur B., to Capital Products Corp. Loaf straightener. 2,859,857, 11-11-58, Cl. 198-33.
- Cady, Charles E., to General Electric Co. Control shaft extension. 2,862,371, 12-2-58, Cl. 64-4.
- Cady, Charles P., to Westlake Mfg. Corp. Wire feeding and positioning apparatus. 2,836,287, 5-27-58, Cl. 203-150.
- Cady, Willoughby M.: *See*—
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- Caesar, Orville S. Internal fixation of fractures. 2,825,329, 3-4-58, Cl. 128-92.
- Caesar, Orville S. Reclining chair for passenger vehicles. 2,860,691, 11-18-58, Cl. 155-116.
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- Cafarelli, Nicholas J., Jr., to International Telephone and Telegraph Corp. Quasi-stereoscopic systems. 2,865,988, 12-23-58, Cl. 178-6.5.
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- Cagle, William J., to Pittsburgh Plate Glass Co. Glass tank log pusher. 2,831,569, 4-22-58, Cl. 198-224.
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- Cahen, Alfred B.: *See*—
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- Cahill, Harold G.: *See*—
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- Cahn, Michel K. Apparatus for achieving synchronized dynamic balance. 2,831,369, 4-22-58, Cl. 74-573.
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- Caille, Eugene V., to Howard Brothers Mfg. Co. Card-clothing. 2,848,755, 8-26-58, Cl. 19-114.
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- Cain, Dallas E., and G. H. Fry, Jr., to United States of America, Air Force. Reduction gearing system. 2,863,324, 12-9-58, Cl. 74-410.
- Cain, Ferrell O., to J. L. Phillips. Gripping tool jaws. 2,847,889, 8-19-58, Cl. 81-425.
- Cain, Harry W. Control circuits for telephone answering and recording devices. 2,832,830, 4-29-58, Cl. 179-6.
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- Cairns, Theodore L., E. T. Cline, and P. J. Graham, to E. I. du Pont de Nemours and Co. Fluoroaldehyde-modified polyoxymethylene. 2,828,287, 3-25-58, Cl. 260-67.
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- Cairns, Walter J., to Browning Torch Corp. Torch head. 2,854,067, 9-30-58, Cl. 158-27.4.
- Cake, William R., to Heyden Newport Chemical Corp. Resorcinol production. 2,856,437, 10-14-58, Cl. 260-628.
- Calabrese, Antonio, to J. D. Florito. Mobile gravel spreading apparatus. 2,832,273, 4-29-58, Cl. 94-46.
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- Calarco, Carmine L. Life preserving float. 2,859,458, 11-11-58, Cl. 9-11.

- Calbeck, John H., H. B. Klimper, and R. J. Mernitz, to American Zinc, Lead & Smelting Co. Method for operating fluidization reactors. 2,821,470, 1-28-58, Cl. 75-26.
- Calbert, James, and R. M. Blackburn, to T. M. M. (Research) Ltd. Drafting apparatus of textile spinning and like machines. 2,834,995, 5-20-58, Cl. 19-130.
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- Calderon, Albert, to Industrial Automation, Inc. Furnace loading apparatus. 2,828,874, 4-1-58, Cl. 214-18.
- Calderon, Albert, to Industrial Automation, Inc. Apparatus to deliver and feed magnetic materials. 2,829,368, 4-1-58, Cl. 214-18.
- Calderwood, Robert H., to Westinghouse Electric Corp. Composite high strength tubular structure. 2,857,932, 10-28-58, Cl. 138-76.
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- Caldwell, John R., to Eastman Kodak Co. Copolyesters of a glycol, sulfonyldibenzole acid and ω -hydroxy acid. 2,831,832, 4-22-58, Cl. 260-76.
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- Caldwell, John R., to Eastman Kodak Co. Cross-linked graft copolymers of acrylonitrile and polyvinyl alcohols and method of preparing same. 2,861,051, 11-18-58, Cl. 260-45.5.
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- Caldwell, Lewis E., and E. O. Hausmann; said Caldwell assor. to Westinghouse Electric Corp., and said Hausmann assor. to Continental-Diamond Fibre Division of The Budd Co., Inc. Molded article of manufacture and method of making the same. 2,839,943, 6-24-58, Cl. 14-445.
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- Caldwell, Richard G., to General Electric Co. Lamp sealing apparatus. 2,844,917, 7-29-58, Cl. 49-2.
- Caldwell, Smiley M., Jr., and J. C. Caldwell. Heat exchange unit. 2,828,948, 4-1-58, Cl. 257-256.
- Caldwell, Stephen A., to United States of America, Air Force. Acoustic impedance measuring apparatus. 2,837,914, 6-10-58, Cl. 73-67.1.
- Caldwell, Walter D. Specific drive and mounting means for a forage harvester. 2,836,022, 5-27-58, Cl. 56-10.
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- Calfee, Virgil T., to Powerscope, Inc. Motion translating device. 2,839,937, 6-24-58, Cl. 74-61.
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- Caliezi, Armin, W. Kern, and T. Holbro, to Ciba Ltd. Process for halogenating compounds having a tetraaza-porphin structure. 2,862,929, 12-2-58, Cl. 260-314.5.
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- California Technical Industries: See—**
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- Caliri, Gregory. Soldering gun. 2,862,094, 11-25-58, Cl. 219-26.
- Calis, Micheline, to Compagnie Generale de Telegraphie Sans Fils. Ceramic pieces of high dielectric constant and process of their manufacture. 2,829,979, 4-8-58, Cl. 106-46.
- Calkins, George D., to the United States of America as represented by the United States Atomic Energy Commission. Recovery of thorium and uranium values from aqueous solutions. 2,823,976, 2-18-58, Cl. 23-14.5.
- Calkins, George D., to United States of America, Atomic Energy Commission. Recovery of uranium and thorium from aqueous solutions. 2,838,370, 6-10-58, Cl. 23-14.5.
- Calkins Mfg. Co.: See—**
 Calkins, Oscar C. 2,827,005.
 Guyer, Morris W. 2,862,433.
 Smith, Fred T. 2,822,738.
- Calkins, Oscar C., to Calkins Mfg. Co. Fluid fertilizer distributor. 2,827,005, 3-18-58, Cl. 111-7.
- Calkins, Tracy H., and T. S. Hood, to Continental Optical Co., Inc. Method of making lenses. 2,847,804, 8-19-58, Cl. 51-284.
- Calkins, Vincent P., to United States of America, Atomic Energy Commission. Production of uranium tetrachloride. 2,864,666, 12-16-58, Cl. 23-14.5.
- Calkins, Walter D., to Jennings Radio Mfg. Corp. Pulse generator. 2,847,571, 8-12-58, Cl. 250-36.
- Callahan, Francis M., to American Cyanamid Co. Piperazine compounds and method of preparation thereof. 2,842,548, 7-8-58, Cl. 260-268.
- Callahan, George F. Method and apparatus for producing improved abrading contours. 2,843,542, 7-15-58, Cl. 204-192.
- Callahan, James L.: See—**
 Strecker, Harold A., and Callahan. 2,819,229.
- Callahan, Joseph W.: See—**
 Sway, Boris, and Callahan. 2,837,484.
- Callais, Roy A. Chair mounted clothes rack. 2,840,241, 6-24-58, Cl. 211-86.
- Callard, Robert L., to Corning Glass Works. Heat exchanger. 2,859,948, 11-11-58, Cl. 257-236.
- Callaway Mills Co.: See—**
 Parker, Samuel P. 2,859,583.
- Callaway, Robert M. Wall board Jack dolly. 2,829,928, 4-8-58, Cl. 304-29.
- Callen, Max W., and T. J. Wilson, to Minneapolis-Honeywell Regulator Co. Interlocking apparatus for radio control of aircraft. 2,861,757, 11-25-58, Cl. 244-77.
- Callender, Bernard L., to Askania Regulator Co. Multiple jet pipe relay regulator. 2,849,013, 8-26-58, Cl. 137-83.
- Callender, Edwin M.: See—**
 Buchanan, David L., and Callender. 2,831,982.
- Callender, Edwin M., to The Budd Co. Magnetic sheet detecting means. 2,844,788, 7-22-58, Cl. 324-34.
- Callender, Jack E., to North Electric Co. Automatic telephone system. 2,861,129, 11-18-58, Cl. 179-18.
- Callery Chemical Co.: See—**
 Adams, Roy M., and McGriff. 2,852,363.
 Akerlof, Gosta C. 2,834,055.
 Criscione, John M., and Bernauer. 2,860,170.
 Cunningham, George L. 2,829,950.
 Cunningham, George L. 2,830,070.
 Cunningham, George L., Bryant, and Gause. 2,829,946.
 Hill, William H. 2,848,307.
 Huff, George F., McElroy, and Adams. 2,855,353.
 Letsinger, Robert L., and Skoog. 2,839,566.
 May, Frank H., and Levasheff. 2,855,276.
 May, Frank H., Levasheff, and Hammar. 2,833,623.
 Murphy, Nelson F., and Tinsley. 2,848,396.
 Nigon, Joseph P. 2,852,335.
 Nigon, Joseph P. 2,864,754.
 Schachter, William H. 2,823,110.
 Snyder, Paul E. 2,866,687.
 Walters, Robert R., Kohlitz, Zeldin, and Girardot. 2,855,440.
- Callinicos, James N. Adjustable floral package. 2,821,297, 1-28-58, Cl. 206-46.
- Callum, Charles L., to Deere Mfg. Co. Bale-handling apparatus. 2,827,155, 3-18-58, Cl. 198-128.
- Callum, Charles L., and G. Soteropoulos, to Deere Mfg. Co. Baling machine. 2,833,206, 5-6-58, Cl. 100-79.
- Calmes, Alberto, and E. Dvorak. Process for the manufacture of seamless tubes by the thrust bench method from open and perforated blanks. 2,819,790, 1-14-58, Cl. 205-4.
- Calmes, Dallas L.: See—**
 Moore, Buell. 2,860,236.
- Caloia, John A. Apparatus for producing power from water waves. 2,848,189, 8-19-58, Cl. 253-11.
- Calor-Emag Elektrizitats-Akt.: See—**
 Erk, Adil, and Schmitz. 2,861,153.
- Caloric Appliance Corp.: See—**
 Bevilacqua, Ernest M. 2,827,673.
- Calumet & Hecla, Inc.: See—**
 Frink, Russell M. 2,864,591.
 Honkala, Harold E., and Cunningham. 2,866,545.
- Calumet Steel Castings Corp.: See—**
 Jicha, Walter F., and Wilson. 2,862,579.
 Veselk, Emil, Wilson, and Jicha. 2,835,349.
 Wilson, Marion C. 2,848,070.
- Calundann, Raymond H. Wide wheel front end conversion for tractors. 2,819,909, 1-14-58, Cl. 280-93.
- Calvano, Emil. Disappearing shower curtain. 2,840,827, 7-1-58, Cl. 4-149.
- Calver, William H., to Clinton Machine Co. Chain saw vise. 2,832,237, 4-29-58, Cl. 76-78.
- Calvert, Edward S., to National Research Development Corp. Pilot's indicators for aircraft instrument landing or approach systems. 2,847,668, 8-12-58, Cl. 343-107.
- Calvert, George W. Device for removing cream from milk in bottles. 2,858,940, 11-4-58, Cl. 210-516.

- Calvert, Glen M. Sizing device for honing apparatus. 2,820,328, 1-21-58, Cl. 51—34.
- Calvert, Glen M. Honing tool sizing device. 2,820,329, 1-21-58, Cl. 51—34.
- Calvert, Glen M. Honing apparatus. 2,844,920, 7-29-58, Cl. 51—34.
- Calvert, Glen M. Sizing device for honing apparatus. 2,845,752, 8-5-58, Cl. 51—34.
- Calvert, Kenneth O., to Dunlap Rubber Co. Ltd. Production of foam rubber. 2,845,659, 8-5-58, Cl. 18—53.
- Calvin, B. C.: *See*—
- Thompson, Lloyd. 2,827,285.
- Calvin, Forrest O.: *See*—
- Thompson, Lloyd. 2,827,285.
- Calvin, Melvin, to United States of America, Atomic Energy Commission. Separation process for transuranic element and compounds thereof. 2,856,418, 10-14-58, Cl. 260—429.1.
- Calwis Co.: *See*—
- Peacock, Finley C. 2,828,500.
- Calzone, Federico. Device for adjusting the gauge, thickness or cross-section of a silver in spinning machines. 2,836,857, 6-3-58, Cl. 19—70.
- Camarata, Frank J., and C. Wiener, to Westinghouse Electric Corp. Tubular lamp bulb machine. 2,835,079, 5-20-58, Cl. 49—7.
- Camardella, James, $\frac{1}{2}$ to B. Marsicano and $\frac{1}{2}$ to W. A. Tedesco. X-ray film changer. 2,832,893, 4-29-58, Cl. 250—66.
- Cambeis, Harry: *See*—
- McAuliffe, Dennis N. 2,848,268.
- Cambeis, Walter, to Fried. Krupp Motoren-und Kraftwagen-fabriken G. m. b. H. Piston, especially for internal combustion engines. 2,819,936, 1-14-58, Cl. 309—16.
- Cambell, Lewis, Jr.: *See*—
- Sacher, William S. 2,852,629.
- Cambridge Rubber Co.: *See*—
- Dunbar, Ernest W. 2,818,603.
- Dunbar, Ernest W. 2,858,571.
- Cambridge Thermionic Corp.: *See*—
- Abrams, Ralph, and West. 2,861,825.
- Cambridge Tile Mfg. Co.: *See*—
- Bosken, Leonard L. 2,833,426.
- Cambron, Adrien: *See*—
- Burford, Barbara M., and Cambron. 2,837,424.
- Camcar Screw & Mfg. Corp.: *See*—
- Carlson, Raymond H. 2,833,970.
- Camco, Inc.: *See*—
- Howard, James H. 2,837,108.
- Kennedy, John W., and McGowen. 2,825,536.
- McGowen, Harold E., Jr., and Daffin. 2,854,929.
- Camco (Machinery) Ltd.: *See*—
- Fry, Reginald S. 2,821,392.
- Came, Donald M. Automatic bowling pin setters. 2,860,877, 11-18-58, Cl. 273—43.
- Camera Mart, Inc., The: *See*—
- Hyman, Samuel. 2,819,646.
- Camera-Optics Mfg. Corp.: *See*—
- Zweidinger, Carl E., and Rosenthal. 2,865,249.
- Camera Vision Productions, Inc.: *See*—
- Robinson, Glen, and Laman. 2,854,885.
- Camerino, Bruno, B. Patelli, and A. Vercellone, to Societa Farmaceutici Italia. Method of obtaining steroid hormone derivatives substituted in the 4-position. 2,842,571, 7-8-58, Cl. 260—397.45.
- Camerino, Bruno, and A. Vercellone, to Societa Farmaceutici Italia. Selective reduction of ketosteroids with yeast. 2,866,736, 12-30-58, Cl. 195—51.
- Camerino, Ernest. Expandable and contractible auxiliary window framing. 2,834,071, 5-13-58, Cl. 20—55.
- Cameron, Bruce M., to W. E. Stopp. Intramedullary splint. 2,821,979, 2-4-58, Cl. 128—92.
- Cameron, Daniel F., and J. H. Smith, to Continental Oil Co. Apparatus for elevating granular material. 2,826,460, 3-11-58, Cl. 302—52.
- Cameron, Donald B.: *See*—
- Daley, John L. S., and Cameron. 2,820,081.
- Cameron, Donald P.: *See*—
- Bavley, Abraham, and Cameron. 2,865,802.
- Bavley, Abraham, and Cameron. 2,865,804.
- Cameron, Hector F. L., to British Telecommunications Research Ltd. Testing arrangements for telecommunication systems. 2,823,270, 2-11-58, Cl. 179—175.31.
- Cameron Iron Works, Inc.: *See*—
- Allen, Herbert. 2,826,921.
- Allen, Herbert. 2,850,301.
- Allen, Herbert, and Hammond. 2,833,510.
- Barber, Robert L. 2,856,206.
- Jones, Marvin R. 2,855,172.
- Olson, Henry L., Miller, and Hale. 2,863,378.
- Cameron, James B.: *See*—
- Armstrong, Alma P., and Cameron. 2,828,271.
- Cameron, James M.: *See*—
- Gamberg, Edward R., and Cameron. 2,866,080.
- Cameron, James M., and A. J. Baeslack, to Westinghouse Electric Corp. Arc welding apparatus. 2,845,526, 7-29-58, Cl. 219—131.
- Cameron Machine Co.: *See*—
- Rockstrom, Leonard. 2,858,997.
- Cameron, Margaret D., to Monsanto Chemical Co. 4-alkylidene-2-oxazolidones and process. 2,844,590, 7-22-58, Cl. 260—307.
- Cameron, Victor E., and J. G. Vallade. Measuring device. 2,825,975, 3-11-58, Cl. 33—174.
- Cameron, Warren B. S., to Kenney Mfg. Co. Traverse rod and draw cord combination. 2,863,505, 12-9-58, Cl. 160—345.
- Cametli, Benjamin, and W. M. Wepfer, to Westinghouse Electric Corp. Electric motor cooling. 2,824,983, 2-25-58, Cl. 310—64.
- Camilli, Guglielmo, and W. P. Tootill, to General Electric Co. Induction apparatus. 2,836,788, 5-27-58, Cl. 323—61.
- Camilli, Guglielmo, T. W. Liao, and R. E. Plump, to General Electric Co. Gas insulated electrical apparatus. 2,853,540, 9-23-58, Cl. 174—17.
- Camlot Fastener Corp.: *See*—
- Newcomer, Jacob R., Jr. 2,846,149.
- Newcomer, Jacob R., Jr., and Wheeler. 2,861,859.
- Cammack, Leland I.: *See*—
- Mekeel, Thomas H., and Cammack. 2,855,023.
- Camp, Dempie C.: *See*—
- Robinson, Charles T., and Camp. 2,821,166.
- Camp, Glen D., to Melpar, Inc. Distance measuring systems with compressed returned pulses. 2,823,375, 2-11-58, Cl. 343—13.
- Camp, Leon W., to Bendix Aviation Corp. Sonic liquid-spraying and atomizing apparatus. 2,855,244, 10-7-58, Cl. 299—1.
- Camp, Leon W., to Bendix Aviation Corp. Liquid-vibrating apparatus. 2,864,592, 12-16-58, Cl. 259—1.
- Camp, Paul R., to Radio Corp. of America. Time delay transistor trigger circuit. 2,832,898, 4-29-58, Cl. 307—88.5.
- Camp, Paul T.: *See*—
- Benedict, Stephen W., and Camp. 2,839,811.
- Camp, Robert H., and L. A. Ogle, to B and B Mfg. Co., Inc. Jack frames and storage bin construction. 2,842,807, 7-15-58, Cl. 20—1.2.
- Camp, S. H., & Co.: *See*—
- Anderson, Carl E. 2,854,000.
- Camp, Sherman A. Hill climbing apparatus. 2,841,093, 7-1-58, Cl. 104—235.
- Campagna, Joseph J. Bobby pin holder. 2,833,291, 5-6-58, Cl. 132—1.
- Campana, Charles R. Wear and abrasion testing machine. 2,822,686, 2-11-58, Cl. 73—7.
- Campana, Robert J., and E. C. King, to Mine Safety Appliances Co. Pressure gauge for hot liquids. 2,842,964, 7-15-58, Cl. 73—410.
- Campanella, Matthew J., to Radio Corp. of America. Transistor sweep circuit. 2,863,069, 12-2-58, Cl. 307—88.5.
- Campbell, Alan M., to Minneapolis-Honeywell Regulator Co. Gyroscope. 2,827,788, 3-25-58, Cl. 74—5.
- Campbell, Alfred D.: *See*—
- Castagna, Mary P., Thomas, Campbell, and Carbonell. 2,829,978.
- Campbell, Bowen. Drying method. 2,826,824, 3-18-58, Cl. 34—34.
- Campbell, Byron F., to Allen Electric & Equipment Co. Cabinet structure for a testing apparatus. 2,840,435, 6-24-58, Cl. 312—279.
- Campbell, Byron F., and H. P. Marusek, to Allen Electric and Equipment Co. Compression tester. 2,862,386, 12-2-58, Cl. 73—116.
- Campbell, Carol L., and M. J. Mason, to Anheuser-Busch, Inc. High D. E. syrup and method of making same. 2,822,303, 2-4-58, Cl. 127—38.
- Campbell, Charles A. Binary-to-binary decimal converter. 2,860,327, 11-11-58, Cl. 340—347.
- Campbell, Charles H.: *See*—
- Jenkins, Lloyd T., and Campbell. 2,850,472.
- Campbell, Charles L., to Centrifix Corp. Internal purifier. 2,864,463, 12-16-58, Cl. 183—81.
- Campbell, Charles R., Jr., W. P. Crossen, and D. B. Ilvin, to United Shoe Machinery Corp. Automatic devices for inserting screws. 2,855,600, 10-14-58, Cl. 1—1.
- Campbell, Clark S., to Remington Arms Co., Inc. Fire control mechanism. 2,855,716, 10-14-58, Cl. 42—69.
- Campbell, Colin, to The Washington Brick Co. Vibrating mechanism. 2,826,081, 3-11-58, Cl. 74—61.
- Campbell, David S., to Cardwell Westinghouse Co. High capacity draft gear with friction and rubber spring cushioning elements. 2,841,292, 7-1-58, Cl. 213—32.
- Campbell, David T. Thermo-responsive control. 2,851,971, 9-16-58, Cl. 110—1.
- Campbell, David T. Stoker and automatic igniter control system. 2,851,972, 9-16-58, Cl. 110—1.
- Campbell, Dewey H., to P. & G. Mfg. Co. Camshaft gauge. 2,827,710, 3-25-58, Cl. 33—180.
- Campbell, Dewey H., to P. & G. Mfg. Co. Injector gauge tool for Diesel engines. 2,855,692, 10-14-58, Cl. 33—181.
- Campbell, Donald A., and J. V. Margason, to Eclipse Fuel Engineering Co. Fluid proportioning apparatus. 2,840,153, 6-24-58, Cl. 158—119.
- Campbell, Donald M.: *See*—
- Seeloff, Melvin M., and Campbell. 2,850,909.
- Campbell, Edmund M. Hair curler. 2,862,508, 12-2-58, Cl. 132—39.
- Campbell, Edward J., to Allen B. Du Mont Laboratories, Inc. Stabilized TV system. 2,822,503, 2-4-58, Cl. 315—27.

- Campbell, Ellen H. Head support with pivoted backrest. 2,818,585, 1-7-58, Cl. 5—327.
- Campbell, Ernest F.: *See*—
- Girouard, Philias H., Stanton, Hickman, Wertman, and Campbell. 2,855,828.
- Campbell, Erwin A.: *See*—
- Woolslayer, Homer J., Jenkins, Turner, and Campbell. 2,843,229.
- Woolslayer, Homer J., Jenkins, Turner, and Campbell. 2,863,530.
- Campbell, Erwin A., to Lee C. Moore Corp. Tower erecting apparatus. 2,863,531, 12-9-58, Cl. 189—12.
- Campbell, Fletcher E., to E. I. du Pont de Nemours and Co. Fluid process for treating rayon yarn packages. 2,847,750, 8-19-58, Cl. 28—72.6.
- Campbell, Floyd A. Hole and slot gauge. 2,828,546, 4-1-58, Cl. 33—143.
- Campbell, Floyd A. Hole and slot gauge. 2,828,547, 4-1-58, Cl. 33—143.
- Campbell, Floyd A. Memorizing aid. 2,840,926, 7-1-58, Cl. 35—35.
- Campbell, Floyd A. Hole and slot gauge with threaded adjusting means. 2,843,938, 7-22-58, Cl. 33—163.
- Campbell, Floyd A. Brush holder and filter. 2,844,256, 7-22-58, Cl. 210—251.
- Campbell, Floyd A. Hole gauge with threaded and cam adjusting means. 2,862,301, 12-2-58, Cl. 33—143.
- Campbell, George W., and M. Z. Des Champs. Grass extractor for cotton picking machines. 2,821,057, 1-28-58, Cl. 56—28.
- Campbell, Grady E., $\frac{1}{4}$ to Owen, Morgan & Niland. Shopping aid sheet holders for pushcarts. 2,864,189, 12-16-58, Cl. 40—17.
- Campbell, Harris S., to Eastern Rotorcraft Corp. Flexible cable cargo net construction. 2,854,931, 10-7-58, Cl. 105—369.
- Campbell, Harry G. Straight line wire rope anchor clamp. 2,848,776, 8-26-58, Cl. 24—126.
- Campbell, Henry H., to Borg-Warner Corp. Solenoid-operated clutch. 2,853,166, 9-23-58, Cl. 192—35.
- Campbell, Henry H., and J. A. Compton, to Borg-Warner Corp. Pressure loaded pump. 2,824,523, 2-25-58, Cl. 103—126.
- Campbell, Hobart T., and W. J. Tesche, to Western Electric Co., Inc. Tools for applying tapes to strands. 2,821,293, 1-28-58, Cl. 205—17.
- Campbell, Hugh P.: *See*—
- Schorntzheimer, Robert E., and Campbell. 2,819,981.
- Campbell, Ivor E.: *See*—
- Yntema, Leonard F., Beidler, and Campbell. 2,823,151.
- Yntema, Leonard F., and Campbell. 2,865,088.
- Campbell, J. Allan: *See*—
- Babcock, John C., and Campbell. 2,838,534.
- Babcock, John C., Campbell, and Hogg. 2,838,496.
- Babcock, John C., Campbell, and Hogg. 2,838,531.
- Babcock, John C., Campbell, Hogg, and Pederson. 2,838,490.
- Babcock, John C., Campbell, Hogg, and Sebek. 2,838,544.
- Herr, Milton E., Babcock, Campbell, Hogg, and Pederson. 2,838,491.
- Herr, Milton E., Babcock, Campbell, Hogg, and Pederson. 2,838,503.
- Herr, Milton E., Babcock, Campbell, Hogg, and Pederson. 2,838,549.
- Pederson, Raymond L., Herr, Babcock, Campbell, and Hogg. 2,838,492.
- Campbell, J. Allan, J. C. Babcock, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process for preparing same. 2,838,495, 6-10-58, Cl. 260—239.55.
- Campbell, J. Allan, J. C. Babcock, and J. A. Hogg, to The Upjohn Co. 6-fluoro-11-oxygenated progesterones and process for preparing same. 2,838,501, 6-10-58, Cl. 260—239.55.
- Campbell, J. Allan, J. C. Babcock, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process. 2,838,528, 6-10-58, Cl. 260—397.3.
- Campbell, J. Allan, J. C. Babcock, and J. A. Hogg, to The Upjohn Co. 6-fluoro-11-oxygenated steroids. 2,838,540, 6-10-58, Cl. 269—397.45.
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- Campbell, J. Allan, and J. C. Babcock, to The Upjohn Co. 5(10) estrane derivatives. 2,846,452, 8-5-58, Cl. 260—397.4.
- Campbell, James R. Thermostatic control. 2,849,575, 8-26-58, Cl. 200—138.
- Campbell, John A., and P. O. Patterson, to Indiana University Foundation. Cerebral angiographic cassette changer. 2,826,702, 3-11-58, Cl. 250—58.
- Campbell, John F. Variable area scheduling valve. 2,840,107, 6-24-58, Cl. 137—540.
- Campbell, Joseph A., to X-Port Oils, Inc. Treatment of soils with asphalt. 2,851,824, 9-16-58, Cl. 47—58.
- Campbell, Lawrence F., and R. C. Taylor. Flutter valves. 2,851,054, 9-9-58, Cl. 137—375.
- Campbell, Lee R., F. E. Ebert, deceased (V. C. Ebert, administrator), A. L. Schoening, and L. C. Reiterman, to Kenwood Industrial Development Co., Inc. Magazine unit and feed structure for air stapling gun. 2,819,466, 1-14-58, Cl. 1—49.
- Campbell, Lee R., A. Schoening, and L. C. Reiterman, to Renwood Industrial Development Co., Inc. Pneumatic staple driving guns. 2,850,738, 9-9-58, Cl. 1—44.4.
- Campbell, Ned G., and C. A. Reichelderfer, to Norman Products Co. Gaseous fuel burner for curved combustion chambers. 2,829,708, 4-8-58, Cl. 158—7.
- Campbell, Ned G., E. A. Norman, Jr., and C. A. Reichelderfer, to Norman Products Co. Forced-draft unit heater having outside combustion air source. 2,843,108, 7-15-58, Cl. 126—110.
- Campbell, Norman L. Safety appliance for child's seat. 2,848,036, 8-19-58, Cl. 155—11.
- Campbell, Oliver F., and W. H. Decker, to Sinclair Refining Co. Method of temperature control in fluid catalyst regenerator units. 2,853,455, 9-23-58, Cl. 252—417.
- Campbell, Paul J., to Pratt & Whitney Co., Inc. Machine tool. 2,828,673, 4-1-58, Cl. 90—13.5.
- Campbell, Paul J., to The New England Machine and Tool Co. Apparatus for inspecting a workpiece contour. 2,855,689, 10-14-58, Cl. 33—174.
- Campbell, Richard A., to Hughes Aircraft Co. Coherent detector circuit. 2,837,646, 6-3-58, Cl. 250—27.
- Campbell, Richard H., to General Motors Corp. Variable compressor vanes. 2,857,092, 10-21-58, Cl. 230—114.
- Campbell, Richard L., to American Radiator & Standard Sanitary Corp. Valve. 2,842,318, 7-8-58, Cl. 236—34.
- Campbell, Robert A. Cigarette filter holder. 2,830,593, 4-15-58, Cl. 131—4.
- Campbell, Robert R., to Bendix Aviation Corp. Acceleration responsive switching circuit. 2,859,738, 11-11-58, Cl. 123—32.
- Campbell, Robertson F. Adjustable doweling jig. 2,838,966, 6-17-58, Cl. 77—62.
- Campbell Soup Co.: *See*—
- Berger, Carl, and Witt. 2,841,616.
- Bergstrom, Ralph W., and Lindeman. 2,840,849.
- Ramsay, Joseph D. 2,861,610.
- Campbell, Sumner E. Process for producing alcohols by acid treating olefinic mineral oils. 2,826,615, 3-11-58, Cl. 260—639.
- Campbell Taggart Research Corp.: *See*—
- Archer, Irving M. 2,838,163.
- Archer, Irving M. 2,843,983.
- Campbell, Talmage D. Sign structure. 2,819,548, 1-14-58, Cl. 40—145.
- Campbell, Tod W., to E. I. du Pont de Nemours and Co. Polyethers of oxetanes solubilized with tris-dimethylamino-phosphine oxide. 2,831,825, 4-22-58, Cl. 260—30.6.
- Campbell, Tod W., to E. I. du Pont de Nemours and Co. Process of reducing the viscosity of polymers. 2,842,532, 7-8-58, Cl. 260—93.7.
- Campbell, Tod W., to E. I. du Pont de Nemours and Co. Oxetane polymers. 2,855,386, 10-7-58, Cl. 260—78.
- Campbell, Tod W., and J. J. Verbanc, to E. I. du Pont de Nemours and Co. Production of carbodiimides. 2,853,473, 9-23-58, Cl. 260—77.5.
- Campbell, Willard S., to M. & C. Conveyors, Inc. Automatic case stacker. 2,857,040, 10-21-58, Cl. 198—35.
- Campbell, Willard S., to M. & C. Conveyors, Inc. Adjustable case stacker. 2,857,058, 10-21-58, Cl. 214—6.
- Campbell, William C.: *See*—
- Curry, Virgil A., and Campbell. 2,854,824.
- Campbell, William C. Maximum speed control mechanism for motor vehicles or other equipment. 2,822,882, 2-11-58, Cl. 180—82.1.
- Campbell, Willis S. Dynamic multiplier circuit. 2,840,307, 6-24-58, Cl. 235—61.
- Campbell, Willis S. Wave filters. 2,853,604, 9-23-58, Cl. 250—27.
- Campi, Giovanni. Duplicating attachment for a typewriter. 2,856,053, 10-14-58, Cl. 197—151.
- Campian, Zacharie J. Hose clamp tightener. 2,833,171, 5-6-58, Cl. 81—9.3.
- Campo Joseph. Animal-shaped bicycle attachments. 2,842,379, 7-8-58, Cl. 280—1204.
- Camprubi, Bartholomew, to The Hoover Co. Commutators for dynamo-electric machines. 2,826,707, 3-11-58, Cl. 310—234.
- Camprubi, Bartholomew, to The Hoover Co. Method of making commutators. 2,864,157, 12-16-58, Cl. 29—155.54.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. Magnetic recorder sound unit. 2,840,380, 6-24-58, Cl. 274—4.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. Magnetic transducing assembly. 2,840,642, 6-24-58, Cl. 179—100.2.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. Magnetic recorder drive mechanism. 2,848,221, 8-19-58, Cl. 271—2.3.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. Means for recording. 2,848,555, 8-19-58, Cl. 179—100.2.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. Magnetic recorder. 2,857,164, 10-21-58, Cl. 274—4.
- Canada, George B., Sr., $\frac{1}{4}$ to J. R. Walker III. Holder for sharpening scissors. 2,863,264, 12-9-58, Cl. 51—238.
- Canada, Her Majesty the Queen in The Right of, as represented by the Minister of National Defence: *See*—
- Bourgault, Pierre L., Lake, and Casey. 2,831,044.

- Canada, Minister of National Health and Welfare, representing Her Majesty the Queen in the right of: *See*—Siebenmann, Charles O., and Zubrys. 2,844,588.
- Canada Packers Ltd.: *See*—McGowan, Raymond J., and Teasdale. 2,853,390.
- Nordin, Henry R. 2,863,167.
- Canadair Ltd.: *See*—Irbitis, Karl. 2,859,663.
- Canadian Airborne Geophysics Ltd.: *See*—Ronka, Vaino. 2,839,751.
- Canadian Arsenals Ltd.: *See*—Picard, Victorin, and Cote. 2,818,964.
- Canadian Aviation Electronics Ltd.: *See*—Ingruber, Otto V. 2,846,386.
- Canadian Celanese Ltd.: *See*—Estabrook, James P. 2,856,426.
- Canadian Chemical Co., Ltd.: *See*—Griffith, Leonard. 2,844,157.
- Canadian Cutler Mail Chute Co., The: *See*—Hardie, James H. 2,825,438.
- Canadian Forest Products Ltd.: *See*—Springate, Norman. 2,838,080.
- Canadian General Electric Co., Ltd.: *See*—Barrett, Gerald A., and Patterson. 2,864,916.
- Ottewell, Barry. 2,829,289.
- Waterman, Uzal E. 2,819,415.
- Wray, Edward J. 2,843,406.
- Canadian Footwear Research Inc.: *See*—Jones, William H. 2,862,313.
- Jones, William H. 2,863,231.
- Canadian Industries Ltd.: *See*—Kerr, Hugh M., and Towell. 2,830,885.
- Canadian Ingersoll-Rand Co., Ltd.: *See*—Gardner, Harold H. 2,821,374.
- Canadian International Paper Co.: *See*—Howard, Edward J., and Cranford. 2,841,580.
- Villefroy, Jacques A., and Saxton. 2,841,579.
- Canadian Marconi Co.: *See*—Chitty, Michael W. G. 2,838,719.
- Watson, Thomas A. 2,857,554.
- Canadian Mobile Co., Ltd.: *See*—Saint, James A. 2,821,316.
- Canadian Patents and Development Ltd.: *See*—Bowes, William H. 2,825,829.
- Burns, Benedict D. 2,826,191.
- Findlay, Albert J., MacDonald, and Widdup. 2,838,361.
- Forward, Frank A., and Halpern. 2,826,481.
- Habgood, Henry W. 2,843,219.
- Rutter, John W., and Tiller. 2,824,030.
- Canadian Size Control Co., Ltd.: *See*—Teigmann, Frederick J. 2,833,048.
- Canady, Roscoe H., and W. C. Klein, to the United States of America as represented by the Secretary of the Air Force. Accuracy measuring device. 2,825,049, 2-25-58, Cl. 340—268.
- Canal Industrial Corp.: *See*—Meryman, Harold T. 2,856,534.
- Candee, Ellsworth T.: *See*—Doughty, Samuel L., and Candee. 2,829,035.
- Candellise, Alfred, to General Motors Corp. Spark plug center electrode to insulator connection. 2,855,361, 10-28-58, Cl. 174—152.
- Candellise, Alfred, and W. A. Bychinsky, to General Motors Corp. Spark plug. 2,840,628, 6-24-58, Cl. 174—35.
- Candlin, James E., Jr.: *See*—Austgen, Kenneth J., and Candlin. 2,844,109.
- Candlin, James E., Jr., to Pullman-Standard Car Mfg. Co. Lading strap anchor for freight cars. 2,827,861, 3-25-58, Cl. 105—369.
- Candlin, James E., Jr., to Pullman-Standard Car Mfg. Co. Freight vehicle partition. 2,866,419, 12-30-58, Cl. 105—376.
- Candor, Robert R., to General Motors Corp. Washing machine with flexible diaphragm wringer. 2,824,438, 2-25-58, Cl. 68—21.
- Candor, Robert R., to General Motors Corp. Forced air cooled refrigerator. 2,866,323, 12-30-58, Cl. 62—187.
- Canepa, Agostino. Expansion joint apt to connect four or more tubular elements lying in planes orthogonal to each other, one of them being a continuous tubular element passing through the joint. 2,863,682, 12-9-58, Cl. 287—54.
- Canepa, John J., to General Freight Appliance Corp. Freight bracing device. 2,821,153, 1-28-58, Cl. 105—369.
- Canepa, Michele, to Olivetti Corp. of America. Trigger pair. 2,834,004, 5-6-58, Cl. 340—174.
- Canevari, Gerard P.: *See*—Biribauer, Frank A., Canevari, and Lockett. 2,861,939.
- Spitz, Peter H., and Canevari. 2,933,632.
- Canfield, Earl L., to the United States of America as represented by the Secretary of the Navy. Pressure responsive distortable O-ring type waterproof seal. 2,822,196, 2-4-58, Cl. 286—7.
- Canfield, Herbert H.: *See*—Stubbs, Harry E., and Canfield. 2,825,872.
- Canfield, Richard W., to Clemson Bros., Inc. Adjustable wheel mounting apparatus for mowers. 2,857,725, 10-28-58, Cl. 56—25.4.
- Canfield, William B.: *See*—Rust, John B., and Canfield. 2,851,054.
- Canfield, William E., and R. W. Smith, to E. L. Hardin Associates, Inc. Curb and gutter laying machine. 2,818,790, 1-7-58, Cl. 94—46.
- Canfora, Arthur E., and S. Sharin, to Radio Corp. of America. Reversible electronic telegraph extensors. 2,859,278, 11-4-58, Cl. 178—53.1.
- Cann, Harry E., Sr., to Esco Cabinet Co. Liquid level indicator. 2,862,782, 12-2-58, Cl. 346—107.
- Cann, Roald, to Bryant Chucking Grinder Co. Compensating radial work support for an internal centerless grinder. 2,838,885, 6-17-58, Cl. 51—103.
- Cann, Roald, and J. W. Lovely, to Bryant Chucking Grinder Co. Compensating radial work support for an internal centerless grinder. 2,838,888, 6-17-58, Cl. 51—103.
- Cannalunga, Marco A., to Hoffmann-La Roche Inc. Stabilized vitamin D composition. 2,862,852, 12-2-58, Cl. 167—81.
- Cannella, Steve. Photographer's multi flash lamp. 2,839,667, 6-17-58, Cl. 240—1.3.
- Canniff, Thomas L., and A. E. Balocco, to American Can Co. Drying oil polymer containing an acidic phosphorus compound. 2,836,508, 5-27-58, Cl. 106—285.
- Canning Equipment Co.: *See*—Skog, Henry A. 2,859,783.
- Canning, Walter L. Quick mounting shelf and legs. 2,830,706, 4-15-58, Cl. 211—90.
- Cannon, James J.: *See*—Di Padova, Lucy K. 2,854,050.
- Cannon, Reginald: *See*—Ware, Richard N., Jr., and Cannon. 2,844,174.
- Cannon, William D., to The Western Union Telegraph Co. Repeater amplifier. 2,838,616, 6-10-58, Cl. 179—171.
- Cannon, William N., to Eli Lilly and Co. Pentaerythritol trinitrate half esters of dicarboxylic acids. 2,860,156, 11-11-58, Cl. 260—467.
- Canon Camera Co., Inc.: *See*—Ito, Hiroshi. 2,834,253.
- Ito, Hiroshi. 2,836,102.
- Ito, Hiroshi. 2,836,103.
- Mukai, Jiro. 2,826,116.
- Mukai, Jiro. 2,826,117.
- Mukai, Jiro. 2,853,978.
- Mukai, Jiro. 2,854,890.
- Suzukawa, Hiroshi. 2,826,118.
- Canter, George G.: *See*—Canter, Gilbert G. and G. G. 2,823,943.
- Canter, Gilbert G. and G. G. Automatic wire lock seal. 2,823,943, 2-18-58, Cl. 292—307.
- Canterino, Peter J.: *See*—Jones, Rufus V., and Canterino. 2,833,749.
- Pritchard, James E., and Canterino. 2,860,117.
- Pritchard, James E., and Canterino. 2,860,120.
- Pritchard, James E., and Canterino. 2,866,779.
- Canterino, Peter J., and J. N. Baptist, to Phillips Petroleum Co. Oxygen-containing chlorinated and brominated polymers. 2,831,839, 4-22-58, Cl. 260—82.1.
- Canterino, Peter J., and A. N. De Vault, to Phillips Petroleum Co. Vulcanizable and vulcanized products from polyethylene and process for their production. 2,850,490, 9-2-58, Cl. 260—94.9.
- Canthin, John H., and E. E. Anderson, to Fenwal Inc. Gas temperature sensing unit or probe of thermocouple type. 2,820,840, 1-21-58, Cl. 136—4.
- Cantonwine, Hazel V. Speed shift. 2,841,268, 7-1-58, Cl. 197—180.
- Cantor, Sol M. Means for repairing linotype matrices. 2,835,149, 5-20-58, Cl. 78—1.
- Cantor, Theodore: *See*—Redniss, Alexander, Goodman, and Cantor. 2,825,627.
- Cantrel, Kenneth E.: *See*—Goodhue, Lyle D., and Cantrel. 2,824,822.
- Goodhue, Lyle D., and Cantrel. 2,824,824.
- Goodhue, Lyle D., and Cantrel. 2,863,799.
- Cantrell & Cochrane Corp.: *See*—Geisler, William. 2,862,528.
- Cantrell, Edward C. Bath tub grip and syringe staff. 2,818,578, 1-7-58, Cl. 4—185.
- Cantrell, Ralph S. Newspaper stuffing machine. 2,856,182, 10-14-58, Cl. 270—57.
- Cantrell, Troy L.: *See*—Smith, Herschel G., and Cantrell. 2,830,021.
- Cantrell, Troy L., and M. L. Hill, to Gulf Oil Corp. Marine diesel fuel compositions and methods of operating marine diesel engines. 2,841,126, 7-1-58, Cl. 123—1.
- Cantrell, Troy L., and J. G. Peters, to Gulf Oil Corp. Gasoline fuel compositions. 2,851,343, 9-9-58, Cl. 44—58.
- Cantrell, Troy L., and E. E. Fisher, to Gulf Oil Corp. Gasoline fuels. 2,862,800, 12-2-58, Cl. 44—66.
- Cantrell, Troy L., J. French, and P. K. Kuhne, to Gulf Oil Corp. Gasoline fuel compositions. 2,863,742, 12-9-58, Cl. 44—58.
- Cantrell, Troy L., and J. G. Peters, to Gulf Oil Corp. Motor fuel. 2,863,744, 12-9-58, Cl. 44—69.
- Cantrell, Troy L., A. S. Orr, and J. G. Peters, to Gulf Oil Corp. Motor fuel. 2,863,745, 12-9-58, Cl. 44—69.
- Cantrell, Troy L., P. K. Kuhne, and J. G. Peters, to Gulf Oil Corp. Aviation grade gasolines containing N-alkyl amine salts of dialkyl aryl orthophosphates. 2,863,746, 12-9-58, Cl. 44—69.

- Cantrell, Troy L., P. K. Kuhne, and J. G. Peters, to Gulf Oil Corp. Marine white gasoline compositions containing oil-soluble alkylammonium dialkyl orthophosphates. 2,863,747, 12-9-58, Cl. 44-72.
- Cantrell, Troy L., and J. G. Peters, to Gulf Oil Corp. Amine salts of di-oxo-octyl orthophosphates. 2,863,904, 12-9-58, Cl. 260-461.
- Cantwell, Glenn E.: *See*—
- Steimel, Vincent A., Lake, and Cantwell. 2,851,795.
- Cantwell, Robert J., to International Business Machines Corp. Multiple shaft rotation servo system. 2,832,021, 4-22-58, Cl. 318-30.
- Caparone, Michael J.: *See*—
- Jackson, Wilbur F., and Caparone. 2,833,843.
- Caparros, Jose. Measuring implement. 2,854,753, 10-7-58, Cl. 33-139.
- Capart, Alphonse. Radioactive lightning arrester. 2,854,499, 9-30-58, Cl. 174-4.
- Capotosto, Leo, to the United States of America as represented by the Secretary of the Army. Housing and manipulating apparatus for light modifying elements. 2,822,729, 2-11-58, Cl. 88-111.
- Cape, Arthur T., and C. V. Foerster, to Coast Metals, Inc. Brazing alloys. 2,864,693, 12-16-58, Cl. 75-125.
- Cape Mfg. Co.: *See*—
- Erlbacher, Robert W. 2,847,740.
- Capehart, Charles W.: *See*—
- Rogers, Louis J., Capehart, and Fertig. 2,831,166.
- Capella, Valenti, Mario. Artificial leg. 2,851,694, 9-16-58, Cl. 3-23.
- Capellaro, Natale, to Ing. C. Olivetti & C., S. p. A. Dividend-divisor aligning mechanism for computing machines. 2,821,342, 1-28-58, Cl. 235-60.
- Capellaro, Natale, to Ing. C. Olivetti & C., S. p. A. Transfer mechanism for computing machines. 2,826,366, 3-11-58, Cl. 235-137.
- Capellaro, Natale, to Ing. C. Olivetti & C., S. p. A. Column and function controls for an accounting machine having a traveling paper carriage. 2,849,179, 8-26-58, Cl. 235-60.47.
- Capellaro, Natale, to Ing. C. Olivetti & C., S. p. A. Printing mechanism for typewriting machines. 2,865,486, 12-22-58, Cl. 197-16.
- Capes, Tasker L. Tension device. 2,866,326, 12-30-58, Cl. 66-146.
- Capetti, Scipione, to Innocenti Societa Generale per l'Industria Metallurgica e Meccanica. Machine for hot ingots. 2,834,259, 5-13-58, Cl. 90-18.
- Capewell Mfg. Co., The: *See*—
- Craven, Wilbur J., and Warner. 2,863,201.
- Warner, Alden Y., Craven, and Stacherl. 2,839,809.
- Capital Products Corp.: *See*—
- Avila, Abelardo G. 2,829,752.
- Cady, Arthur B. 2,859,857.
- Temple, Hiram E. 2,818,986.
- Temple, Hiram E. 2,823,811.
- Temple, Hiram E. 2,829,758.
- Temple, Hiram E. 2,858,776.
- Temple, Hiram E., and Stafford. 2,835,398.
- Tench, George E. 2,830,846.
- Capitol Products Corp.: *See*—
- Boston, John A. 2,845,879.
- Duval, Montague H., and Vitz. 2,849,100.
- Temple, Hiram E. 2,866,565.
- Capitol Records, Inc.: *See*—
- Payless, James W. 2,839,306.
- Caplan, Alexander. Holder for live bait. 2,828,571, 4-1-58, Cl. 43-41.
- Capotosto, Albert C.: *See*—
- Roces, Rafael P., and Capotosto. 2,844,870.
- Capozzi, Lawrence, and P. Kenner, to Lancaster Chemical Corp. Method of packaging epoxy resins. 2,862,616, 12-2-58, Cl. 206-147.
- Cappel, Roy G., to W. Horace Williams Co., Inc. Personnel landing for offshore platforms. 2,842,940, 7-15-58, Cl. 61-48.
- Cappel, Roy G., to W. Horace Williams Co., Inc. Mud ring for the development of passive resistance in soft soils. 2,846,852, 8-12-58, Cl. 61-53.
- Capps, Arthur W. F.: *See*—
- Capps Martin W. R., N. C., and A. W. F. 2,860,493.
- Capps, David B., to The Chemstrand Corp. Process of preparing an acrylonitrile graft interpolymers. 2,850,479, 9-2-58, Cl. 260-45.5.
- Capps, Martin W. R., N. C., and A. W. F. Heat-pump apparatus for providing heat for domestic and like purposes. 2,860,493, 11-18-58, Cl. 62-238.
- Capps Nina C.: *See*—
- Capps, Martin W. R., N. C., and A. W. F. 2,860,493.
- Capstaff, John G., to Eastman Kodak Co. Continuous printer for sound-color film. 2,835,180, 5-20-58, Cl. 95-75.
- Cara, Michael W.: *See*—
- Creasey, Raymond F., Horsfield, and Cara. 2,864,571.
- Carabet, George F., to The Hoover Co. Utility stand for suction cleaner tools. 2,829,778, 4-8-58, Cl. 211-60.
- Caracciolo, Vincent P., and R. N. Peterson, to E. I. du Pont de Nemours and Co. Extrusion apparatus. 2,829,399, 4-8-58, Cl. 18-12.
- Caracristi, Virginius Z., to Combustion Engineering, Inc. Combustion zone control. 2,840,053, 6-24-58, Cl. 122-478.
- Caradonna, Charles. Air-vent extension deflector. 2,847,246, 8-12-58, Cl. 296-44.
- Carando Machine Works: *See*—
- Calcaterra, Joseph P. 2,822,022.
- Carangelo, William, to Pawtucket Screw Co. Automatic screw slotting and deburring machine. 2,829,387, 4-8-58, Cl. 10-6.
- Carani, Attilio D. Garbage can storage cabinet. 2,837,395, 6-3-58, Cl. 312-27.4.
- Caras, Bernard, and W. R. Wheeler, to Sylvania Electric Products Inc. Support for stacked electrode assembly. 2,843,784, 7-15-58, Cl. 313-256.
- Carasso, Fred M. Process for reclaiming and improving saline and alkaline soils. 2,860,448, 11-18-58, Cl. 47-58.
- Carawan, Clarence P., $\frac{1}{4}$ to A. Sheheen, $\frac{1}{4}$ to G. Sheheen, and $\frac{1}{4}$ to L. C. Cable. Agricultural machine. 2,845,015, 7-29-58, Cl. 97-40.
- Carbary, Richard J., to General Electric Co. Vertically adjustable and laterally slidable shelf structure. 2,861,695, 11-25-58, Cl. 211-143.
- Carbauh, Robert E., to Petcar Research Corp. Flame detector system. 2,834,008, 5-6-58, Cl. 340-227.
- Carbery, Ronald A.: *See*—
- Mitchell, Donald O., and Carbery. 2,863,036.
- Carbo, Edward J.: *See*—
- Kimbrough, Laurence B., Carbo, Egar, and Simpson. 2,858,405.
- Carbogen Corp.: *See*—
- Barsky, George. 2,826,601.
- Christmann, Ludwig J. 2,842,584.
- Carbon Heater Corp.: *See*—
- Bremer, Hermann F. 2,822,112.
- Jansons, Janis. 2,821,614.
- Kasuga, Teruo. 2,850,610.
- Carbonara, Victor E., to Kollsman Instrument Corp. Azimuth counter. 2,829,833, 4-8-58, Cl. 235-115.
- Carbonara, Victor E., to Kollsman Instrument Corp. Air velocity indicator. 2,846,878, 8-12-58, Cl. 73-182.
- Carbonara, Victor E., N. Kaplan, G. Spiller, and N. Wengryn, to Kollsman Instrument Corp. Carbon monoxide indicator. 2,833,629, 5-6-58, Cl. 23-254.
- Carbon Black Packaging, Inc.: *See*—
- Fogwell, Joseph W., Hoffman, Oakley, and Donaldson. 2,834,166.
- Carboni, Angelo V. Display device. 2,831,580, 4-22-58, Cl. 211-1.6.
- Carbonell, Robert J.: *See*—
- Castagna, Mary P., Thomas, Campbell, and Carbonell. 2,829,978.
- Carbonic Dispenser, Inc.: *See*—
- Welty, Frank and R. 2,855,958.
- Carbonic Dispenser, Inc. of California: *See*—
- Jaeger, Wilbert J. 2,834,189.
- Carborundum Co., The: *See*—
- Butler, Gurdon M., Jr. 2,858,403.
- De Mambro, Gene, and Brown. 2,835,083.
- Goepfert, George J., and von Doenhoff. 2,822,254.
- McMullen, John C. 2,825,933.
- Seward, Warren K. 2,865,144.
- Taylor, Kenneth M. 2,839,413.
- Taylor, Kenneth M. 2,854,736.
- Taylor, Kenneth M. 2,855,316.
- Caresson-Leduc, Roger P., to C-L Processes, Inc. Activating grain flour with malt flour. 2,841,497, 7-1-58, Cl. 99-94.
- Carey, Frederick H., to Dowty Fuel Systems Ltd. Apparatus for regulating fuel flow in gas turbine engines. 2,829,662, 4-8-58, Cl. 137-36.
- Carey, James J., to Union Oil Co., Inc. Pulse transformer construction. 2,826,747, 3-11-58, Cl. 336-92.
- Card, Joseph L. Thread feed mechanism and pattern control therefor. 2,862,465, 12-2-58, Cl. 112-79.
- Card, Samuel P., to Diebold, Inc. Filing cabinet construction. 2,825,614, 3-4-58, Cl. 312-111.
- Cardell, George A.: *See*—
- Refz, William B., and Cardell. 2,860,730.
- Carden, Mary E. Teething device with tethering means therefor. 2,827,055, 3-18-58, Cl. 128-359.
- Carden, Warner L., to Acme Hosiery Mills, Inc. Article length controlled tension apparatus for knitting machines and method. 2,856,764, 10-21-58, Cl. 66-146.
- Carder, Stephen: *See*—
- Kious, William W. 2,832,145.
- Carder, Stephen D., Jr., and R. D. Savacool. Flexible duct construction. 2,861,598, 11-25-58, Cl. 138-56.
- Cardin, Wilfred W., and H. D. Epstein, to Metals & Controls Corp. Switch. 2,863,965, 12-9-58, Cl. 200-116.
- Cardinal, Earl V., to International Minerals & Chemical Corp. Amino acid derivatives. 2,849,468, 8-26-58, Cl. 260-429.9.
- Cardon, Jules, and F. G. Richter, to Servo Corp. of America. Radio receiver muting control circuit. 2,844,714, 7-22-58, Cl. 250-20.
- Cardon, Samuel Z.: *See*—
- Hitchcock, Reuben, Jr., Cardon, and Alvord. 2,859,753.
- Cardox Corp.: *See*—
- Bailey, Richard J. 2,837,351.
- Hesson, James C. 2,827,858.
- Hesson, James C. 2,848,879.
- Hesson, James C., and Swanson. 2,858,764.
- Williamson, Hilding V., Hesson, and Keller. 2,837,414.

- Cardozo, Danforth, Jr.: *See*—
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- Cardwell, Paul H.: *See*—
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- Cardwell, Paul H., and L. H. Eilers, to The Dow Chemical Co. Acidizing wells. 2,824,833, 2-25-58, Cl. 252—8.55.
- Cardwell, Paul H., and L. H. Eilers, to The Dow Chemical Co. Acidizing wells. 2,824,834, 2-25-58, Cl. 252—8.55.
- Cardwell, Paul H., L. H. Eilers, and A. R. Hendrickson, to The Dow Chemical Co. Well treatment composition. 2,866,754, 12-30-58, Cl. 252—8.55.
- Cardwell Westinghouse Co.: *See*—
Campbell, David S. 2,841,292.
Peterson, Bertil E. 2,825,472.
Peterson, Bertil E. 2,847,128.
Peterson, Bertil E. 2,853,774.
Peterson, Bertil E. 2,863,212.
Peterson, Bertil E. 2,863,357.
- Cardwell, William T., Jr., to California Research Corp. Apparatus for determining the rate of settling of suspensions. 2,845,793, 8-5-58, Cl. 73—53.
- Cardwell, William T., Jr., and S. B. Jones, to California Research Corp. Method of locating a second well bore. 2,856,536, 10-14-58, Cl. 250—71.
- Cardy, Donald K. Method of forming a printed circuit. 2,864,156, 12-16-58, Cl. 29—155.5.
- Care, Richard L., to M. L. Grant. Multiple throw coin receiver. 2,835,439, 5-20-58, Cl. 232—7.
- Carew, Arthur W., to General Electric Co. Adjustable support. 2,860,942, 11-18-58, Cl. 312—270.
- Carew, Herman, to American Can Co. Paper cup with removable handle. 2,834,533, 5-13-58, Cl. 229—52.
- Carey, James E., to Shell Development Co. Process for resinifying polyepoxides and resulting products. 2,839,495, 6-17-58, Cl. 260—47.
- Carey, Lawrence M. Mail box signal device. 2,834,539, 5-13-58, Cl. 232—35.
- Carey-McFall Co.: *See*—
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- Carey, Philip, Mfg. Co., The: *See*—
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- Cargill, Inc.: *See*—
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- Cargill, Jeffrey M.: *See*—
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- Cargill, Jeffrey M., and H. M. Taft, to Bryant Chucking Grinder Co. Gages. 2,821,783, 2-4-58, Cl. 33—148.
- Cargill, William W., Jr. Method and apparatus for hot machining. 2,861,166, 11-18-58, Cl. 219—34.
- Carlaga, Fermin F., to Gadget-Of-The-Month Club, Inc. Table for an automobile back seat. 2,832,657, 4-29-58, Cl. 311—21.
- Caribonum Ltd.: *See*—
Phillipotts, George C. 2,854,350.
- Caridis, Andrew A.: *See*—
Benson, Clark K., Harris, and Caridis. 2,833,203.
- Carlgnan, Charles J., to E. I. du Pont de Nemours and Co. Electrolytic process for production of titanium. 2,848,395, 8-19-58, Cl. 204—60.
- Carignan, Raymond. Oil failure indicator apparatus. 2,826,754, 3-11-58, Cl. 340—270.
- Carlignani, Ernesto, and A. Corda nei Ghelardoni. Compressed air pump with rotary commutator. 2,857,852, 10-28-58, Cl. 103—238.
- Carissimi, Louis C., and E. S. Tolmie, to Sperry Rand Corp. Electric shaver vibrator motor. 2,827,578, 3-18-58, Cl. 310—38.
- Carissimi, Vincent L., to The Bryant Electric Co. Wiring device. 2,831,085, 4-15-58, Cl. 200—113.
- Carkeek, Chares R., to The Texas Co. Method for production of carbon monoxide from solid fuels. 2,829,957, 4-8-58, Cl. 48—206.
- Carkeek, Charles R., and D. M. Strasser, to The Texas Co. Process for gasifying carbonaceous fuels. 2,838,388, 6-10-58, Cl. 48—206.
- Carkeek, Charles R., D. Eastman, and L. P. Gaucher, to The Texas Co. Process for transporting solid materials, with or without concurrent disintegration. 2,864,560, 12-16-58, Cl. 241—5.
- Carkhuff, Le Roy F., and R. J. Fahey, to Diamond Gardner Corp. Carton closing machine. 2,842,020, 7-15-58, Cl. 53—137.
- Carkhuff, Le Roy F., and R. J. Fahey, to Diamond Gardner Corp. Tape moistener. 2,843,082, 7-15-58, Cl. 118—267.
- Carkin, Gordon V. Nursing bottle. 2,859,891, 11-11-58, Cl. 215—11.
- Carl, John R. L., 1/2 to N. C. Thornton and 1/2 to P. Ledwell. Pump rod adjusting device. 2,862,394, 12-2-58, Cl. 74—108.
- Carl, Wellington C., and E. C. Rhyne, to Westinghouse Electric Corp. Motor control apparatus. 2,853,666, 9-23-58, Cl. 318—72.
- Carlberg, Clas B., to Aktiebolaget Bergbormaskiner. Saw chains. 2,850,057, 9-2-58, Cl. 143—135.
- Carle, Amos E. Belting. 2,831,359, 4-22-58, Cl. 74—233.
- Carle, Joseph T. Gas anchor. 2,843,053, 7-15-58, Cl. 103—203.
- Carleton, Henry. Precision electronic navigation system. 2,839,749, 6-17-58, Cl. 343—105.
- Carleton, James T.: *See*—
Bobo, Powell O., and Carleton. 2,862,173.
- Carleton, James T., and P. O. Bobo, to Westinghouse Electric Corp. Minimum excitation limit circuits. 2,862,172, 11-25-58, Cl. 322—25.
- Carleton, Milton C.: *See*—
Fried, James P., and Carleton. 2,854,676.
- Carleton, Richard J., Jr., to Blaw-Knox Co. Ladle stopper control apparatus. 2,832,110, 4-29-58, Cl. 22—85.
- Carli, Adriano, to Societa Finanziaria Siderurgica Finsider S. p. A. Smelting process. 2,865,733, 12-23-58, Cl. 75—40.
- Carlift Co., Inc.: *See*—
Smalley, Louis C. 2,841,247.
- Carlin, Benson, to Alcar Instruments, Inc. Ultra-sonic magnetostriction transducer devices. 2,830,165, 4-8-58, Cl. 219—26.
- Carlin, Benson, to Alcar Instruments, Inc. Radiant energy reflective medium. 2,856,602, 10-14-58, Cl. 343—753.
- Carlin, Thomas F.: *See*—
Cordora, Joseph C., and Carlin. 2,821,092.
- Carlin, Vincent A. Pails. 2,839,220, 6-17-58, Cl. 220—95.
- Carliner, Paul E. Means for administering medicines. 2,857,914, 10-28-58, Cl. 128—232.
- Carlisle, Charles C. Method and apparatus for starting flow of wells. 2,823,620, 2-18-58, Cl. 103—232.
- Carlisle, Charles C. Pump. 2,839,004, 6-17-58, Cl. 103—46.
- Carlisle Chemical Works, Inc.: *See*—
Myers, Raymond R., and Zettlemoyer. 2,852,405.
- Carlisle Corp.: *See*—
Heinze, Chalmers D. 2,865,053.
- Carlisle, Orville H. Toy rocket. 2,841,084, 7-1-58, Cl. 102—34.1.
- Carlo, Ré, G. F. Rice, L. F. Birkeland, V. T. Koozin, G. C. Duncan, and D. Kinda, to Royal Industries, Inc. Launching device. 2,844,073, 7-22-58, Cl. 89—1.7.
- Carlock, Clifford: *See*—
Combs, Jesse T. 2,848,976.
- Carlsen, Einar F. Tool for hub caps. 2,818,635, 1-7-58, Cl. 29—245.
- Carlsen, John. Electric flat iron with a thermo-switch. 2,848,589, 8-19-58, Cl. 219—25.
- Carlsen, Leonard O.: *See*—
Adair, Robert V., Carlsen, and Dammert. 2,834,592.
Anderson, Henry J., and Carlsen. 2,834,258.
Baxter, Meriwether L., Jr., and Carlsen. 2,824,498.
Pan, Wen Y., and Carlsen. 2,834,948.
- Carlsen, Leonard O., and H. A. Male, to The Gleason Works. Spindle assembly for machine tools. 2,822,226, 2-4-58, Cl. 308—236.
- Carlsen, Leonard O., and R. F. Pigage, to The Gleason Works. Tool sharpening machine and method. 2,828,583, 4-1-58, Cl. 51—33.
- Carlsen, William R., to Michigan Tool Co. Axial pitch measuring device. 2,861,348, 11-25-58, Cl. 33—179.5.
- Carlsmith, Leonard E., to Esso Research and Engineering Co. Combination catalytic polymerization process with liquid acids of phosphorus. 2,850,551, 9-2-58, Cl. 260—683.15.
- Carlson, Albert. Four-in-one do it yourself automatic door seal. 2,863,183, 12-9-58, Cl. 20—68.
- Carlson, Allan E., L. R. Shiozawa, and J. D. Finegan, to Clevite Corp. Photovoltaic cells and methods of fabricating same. 2,820,841, 1-21-58, Cl. 136—89.
- Carlson, Arthur E. Longitudinally reinforced backings and apparatus for producing the same. 2,826,237, 3-11-58, Cl. 154—1.7.
- Carlson, Arthur W., to United States of America, Air Force. High speed transistor flip-flops. 2,843,761, 7-15-58, Cl. 307—88.5.
- Carlson, Carl H., to Barber-Colman Co. Checking cutter teeth. 2,846,773, 8-12-58, Cl. 33—179.5.
- Carlson, Carl J., and C. R. Berry. Injection oiler. 2,826,268, 3-11-58, Cl. 184—56.
- Carlson, Carl R., and R. S. Bonzi, to W. T. and John Barnes Co. Jar washer. 2,818,873, 1-7-58, Cl. 134—70.
- Carlson, Carl S.: *See*—
Langer, Arthur W., Jr., Wanless, and Carlson. 2,843,530.
- Carlson, Chester F., to The Battelle Development Corp. Vibrating electrode pickup for the transmission of electrostatic recordings. 2,830,114, 4-8-58, Cl. 178—7.1.
- Carlson, Chester F., to The Battelle Development Corp. Process for developing an electrostatic image. 2,842,456, 7-8-58, Cl. 117—17.5.
- Carlson, Chester F., to The Battelle Development Corp. Electrostatic image development apparatus. 2,862,472, 12-2-58, Cl. 118—637.
- Carlson, Claude A. Combined antenna and lamp shade. 2,850,731, 9-2-58, Cl. 343—720.
- Carlson, David G., to Hoffman Electronics Corp. Glow plug ignition systems or the like. 2,840,067, 6-24-58, Cl. 123—145.
- Carlson, Delbert E. Boat trailer. 2,828,034, 3-25-58, Cl. 214—394.
- Carlson, Drexel T. Combination beverage can punch and bottle opening device. 2,850,800, 9-9-58, Cl. 30—6.1.
- Carlson, Dwight B., to International Harvester Co. Canvas coupler end clip. 2,852,826, 9-23-58, Cl. 24—31.
- Carlson, Einar E. Dowel pin relator. 2,842,845, 7-15-58, Cl. 32—67.
- Carlson, Elmer A., to Essex Wire Corp. Automotive heater. 2,834,549, 5-13-58, Cl. 236—37.

- Carlson, Elmer T.: *See*—
Constantine, Arthur R., and Carlson. 2,825,775.
- Carlson, Elma A. Baby bath cradle. 2,836,833, 6-3-58, Cl. 4-185.
- Carlson, Emery J., and H. R. Nucka, to Allied Chemical & Dye Corp. Sulfonic acid bleaching process. 2,827,484, 3-18-58, Cl. 260-505.
- Carlson, Emil A.: *See*—
Hackney, Ray, and Carlson. 2,825,462.
- Carlson, Ernest C., to International Harvester Co. Corn sheller having ear positioner and breaker. 2,842,139, 7-8-58, Cl. 130-6.
- Carlson, Ernest C., to International Harvester Co. Conveying and material separating mechanism. 2,842,266, 7-8-58, Cl. 209-284.
- Carlson, Ernest C., and E. F. Huddle, to International Harvester Co. Mower with tilting mechanism. 2,827,747, 3-25-58, Cl. 56-25.
- Carlson, Ernest C., S. E. Hilblom, and P. Sammarco, to International Harvester Co. Tractor mounted corn sheller and picker. 2,841,944, 7-8-58, Cl. 56-18.
- Carlson, Ernest C., and R. H. Witt, to International Harvester Co. Horizontally, angularly adjustable trailer tongue. 2,853,314, 9-23-58, Cl. 280-462.
- Carlson, Ernest C., E. J. Johnston, and E. A. Henningsen, to International Harvester Co. Suspension system for side delivery rake basket. 2,861,415, 11-25-58, Cl. 56-377.
- Carlson, Ernest R., to Harvey Hubbell, Inc. Electrical fixture. 2,857,452, 10-21-58, Cl. 174-58.
- Carlson, Eugene E., and F. V. Lenel, to Federal-Mogul Corp. Method of producing powdered steel products. 2,827,407, 3-18-58, Cl. 148-16.5.
- Carlson, Frank A., Jr., to Monsanto Chemical Co. Low density extruded styrene polymer foams. 2,857,625, 10-28-58, Cl. 18-48.
- Carlson, Franklin R.: *See*—
Leach, Harry S., and Carlson. 2,846,477.
- Carlson, George, to General Electric Co. Locking means for a fabricated box. 2,848,134, 8-19-58, Cl. 220-3.94.
- Carlson, George, to General Electric Co. Extension wiring system. 2,856,592, 10-14-58, Cl. 339-21.
- Carlson, George A. Barn structure. 2,825,300, 3-4-58, Cl. 119-16.
- Carlson, George J.: *See*—
Skinner, John R., Wilcoxon, and Carlson. 2,833,788.
- Skinner, John R., Wilcoxon, and Carlson. 2,862,978.
- Carlson, George J., J. R. Skinner, C. W. Smith, and C. H. Wilcoxon, Jr., to Shell Development Co. Epoxidation process using hydrogen peroxide and an acid salt of a heavy metal peracid. 2,833,787, 5-6-58, Cl. 260-348.5.
- Carlson, George J., and G. W. Gaertner, to Shell Development Co. Production of aluminum alcohols. 2,845,447, 7-29-58, Cl. 260-418.
- Carlson, George L., to Coast Metals, Inc. Adapter for making arc welds with inert gas atmosphere. 2,827,549, 3-18-58, Cl. 219-130.
- Carlson, George R., A. D. Kafadar, and S. Raynor, to the United States of America as represented by the Secretary of the Army. Electromagnetic recoil system for a gun. 2,818,783, 1-7-58, Cl. 89-42.
- Carlson, Gilbert F., and H. A. Lockhart, to Bell & Gossett Co. Flow control valve. 2,860,659, 11-18-58, Cl. 137-533.27.
- Carlson, Glen A. Wheel spool adapter. 2,860,457, 11-18-58, Cl. 51-168.
- Carlson, Gunnard D. Clothes conveyor. 2,846,049, 8-5-58, Cl. 198-130.
- Carlson, Harold A.: *See*—
Moseley, James T. W., Carlson, and Herron. 2,818,879.
- Thome, Leslie K., and Carlson. 2,837,322.
- Carlson, Harold A., to ACF Industries, Inc. Secondary throttle control for multi-stage carburetor. 2,857,146, 10-21-58, Cl. 261-23.
- Carlson, Harold A., and O. J. Eickmann, to ACF Industries, Inc. Multi-stage carburetor. 2,823,019, 2-11-58, Cl. 261-23.
- Carlson, Harold A., and O. J. Eickmann, to ACF Industries, Inc. Secondary-stage throttle control for a multi-stage carburetor. 2,836,404, 5-27-58, Cl. 261-23.
- Carlson, Harold A., and O. J. Eickmann, to A C F Industries, Inc. Secondary-stage throttle control for a multi-stage carburetor. 2,838,293, 6-10-58, Cl. 261-23.
- Carlson, Harold A., and J. T. W. Moseley, to ACF Industries, Inc. Carburetor float valve stabilizer. 2,847,021, 8-12-58, Cl. 137-39.
- Carlson, John A. Reinforced concrete building construction. 2,851,874, 9-16-58, Cl. 72-30.
- Carlson, John J.: *See*—
Lampert, Albert J., and Carlson. 2,827,021.
- Carlson, John T., to R. C. Allen Business Machines, Inc. Quick margin release assembly for typewriters. 2,864,483, 12-16-58, Cl. 197-63.
- Carlson, John W. Beam compass. 2,859,525, 11-11-58, Cl. 33-27.
- Carlson, John W. Hand dryer. 2,859,535, 11-11-58, Cl. 34-53.
- Carlson, Lawrence A., Sr. Dusting hop for use over floor brush. 2,858,559, 11-4-58, Cl. 15-247.
- Carlson, Lewis B., to S. A. Woods Machine Co. Wood planing machine having means responsive to thickness variations in work pieces for automatically adjusting a cutterhead. 2,859,780, 11-11-58, Cl. 144-130.
- Carlson, Marvin C., and C. H. Brown, to McGill Mfg. Co. Push button adaptor switch. 2,823,278, 2-11-58, Cl. 200-65.
- Carlson, Melvin G., to Goodman Mfg. Co. Hydraulic circuit for movable section of flexible strand conveyors. 2,851,153, 9-9-58, Cl. 198-208.
- Carlson, Melvin G., and C. T. Ogden, to Goodman Mfg. Co. Extensible strand sideframe conveyor. 2,858,934, 11-4-58, Cl. 198-139.
- Carlson, Milton R., to Barber-Colman Co. Condition regulating servosystem. 2,860,298, 11-11-58, Cl. 318-448.
- Carlson, Norman E.: *See*—
Cretors, Charles J., and Carlson. 2,856,841.
- Carlson, Oscar E. Electronic motor speed control. 2,833,974, 5-6-58, Cl. 318-141.
- Carlson, Philip. Shield for eyeglasses. 2,858,539, 11-4-58, Cl. 2-13.
- Carlson, Raymond A., to Borg-Warner Corp. Cam operated clutch and adjusting means. 2,856,048, 10-14-58, Cl. 192-93.
- Carlson, Raymond H., to Camcar Screw & Mfg. Corp. Single blow heading machine punch with two part header. 2,832,970, 5-6-58, Cl. 10-11.
- Carlson, Raymond L.: *See*—
McDonald, John E., and Carlson. 2,822,132.
- Carlson, Reginald S. Milk carton carrier. 2,823,827, 2-18-58, Cl. 220-94.
- Carlson, Robert C., to Cook Electric Co. Resettable overload protective device. 2,866,874, 12-30-58, Cl. 200-124.
- Carlson, Robert C., and W. W. Witte, to Cook Electric Co. Reset-type station protector. 2,866,868, 12-30-58, Cl. 200-88.
- Carlson, Robert L.: *See*—
Curtis, Cyril D., Carlson, and Tubinis. 2,845,560.
- Carlson, Samuel E. Manually operable pneumatic signal. 2,856,889, 10-21-58, Cl. 116-139.
- Carlson, Stanley H., to Washington Steel Products, Inc. Swinging shelf support. 2,822,229, 2-4-58, Cl. 312-27.
- Carlson, Theodore E.: *See*—
Bowen, Max E., and Carlson. 2,861,169.
- Carlson Tool and Machine Co.: *See*—
Sjögren, Borje. 2,842,401.
- Carlson, Vance A.: *See*—
Hoffman, Roy D., and Carlson. 2,853,075.
- Carlson, Walter: *See*—
Kazmier, Clarence, and Carlson. 2,854,139.
- Carlsson, Erik I., and G. R. Johdet, to Orehro Bil- & Traktor Aktiebolag. Digging machine. 2,849,133, 8-26-58, Cl. 214-142.
- Carlstedt, Ragnar L., to D H B Corp. Drilling machines. 2,842,984, 7-15-58, Cl. 77-5.
- Carlstedt, Ragnar L., to DHB Corp. Supply device for cooling agent in boring machines. 2,845,823, 8-5-58, Cl. 77-55.
- Carlstrom, Sumner E. Concrete form cleaning machine. 2,835,909, 5-27-58, Cl. 15-77.
- Carlton, Charles J.: *See*—
MacPherson, Gordon R., and Carlton. 2,839,449.
- Carlton, Herbert E., Jr.: *See*—
Walkup, Lewis E., and Carlton. 2,832,977.
- Carlton, Lawrence W.: *See*—
Kramer, Vance M., and Carlton. 2,832,096.
- Carlton Machine Tool Co., The: *See*—
Weidig, Miles. 2,859,295.
- Weidig, Miles. 2,866,347.
- Carlton, Raymond R., to Oregon Saw Chain Corp. Apparatus for sharpening saw chains. 2,821,097, 1-28-58, Cl. 76-37.
- Carlton, Raymond R., to Omak Industries Inc. Method of sharpening saw chain teeth. 2,832,180, 4-29-58, Cl. 51-281.
- Carlton, Raymond R., to Oregon Saw Chain Corp. Adjustable lawn trimmer. 2,844,934, 7-29-58, Cl. 56-256.
- Carlton, William C. Shuttlecock. 2,860,879, 11-18-58, Cl. 273-106.
- Carlucci, Michael P.: *See*—
Persico, Ralph W., and Carlucci. 2,844,822.
- Persico, Ralph W., and Carlucci. 2,856,609.
- Carlyle-Johnson Machine Co., The: *See*—
Simon, Frank R., and Palmer. 2,861,664.
- Carlyle, Robert L., to Continental Oil Co. Method of dispersing barium carbonate in a non-volatile carrier. 2,861,951, 11-25-58, Cl. 252-33.
- Carlen, Carl F., W. L. Lehner, and H. A. Wagner, to Sylvania Electric Products, Inc. Tube socket. 2,863,131, 12-2-58, Cl. 339-193.
- Carmack, Clarence A. Highway sign. 2,834,133, 5-13-58, Cl. 40-125.
- Carmack, Marvin, and J. F. Harris, Jr., to trustees of University of Pennsylvania. S-nitrophenyl carboxyalkyl disulfides. 2,849,479, 8-26-58, Cl. 260-470.
- Carman, Charles M., Jr. Fastener. 2,851,038, 9-9-58, Cl. 129-41.
- Carman, Justice N., Jr., to Hughes Aircraft Co. Fused junction transistors with regrown base regions. 2,821,493, 1-28-58, Cl. 148-1.5.
- Carman, Justice N., Jr., A. J. Hannum, and E. W. Gould, to Hughes Aircraft Co. Coded magnetic binary recorders. 2,856,256, 10-14-58, Cl. 346-74.
- Carman, William E., to American Maize-Products Co. Method of glazing foods and the resultant product. 2,861,889, 11-25-58, Cl. 99-139.

- Carmic Mfg. Co., Inc.: *See*—
 Rapoport, Ernest, and Swanson 2,831,734.
- Carmichael, Alexander D.: *See*—
 Quinn, Neville R. L., and Carmichael 2,830,751.
- Carmichael, Mead S., Jr., to The Scott Viner Co. Crop hulling apparatus. 2,865,378, 12-23-58, Cl. 130—30.
- Carmichael, Peter, and Co. Ltd.: *See*—
 Voysey, Ronald G. 2,862,707.
- Carmichael, Robert D., to Southern States Equipment Corp. Retractable low friction means for movable bodies. 2,823,924, 2-18-58, Cl. 280—44.
- Carmichael, Robert D., and G. F. Hastings, to Southern States Equipment Corp. Electric switch. 2,820,862, 1-21-58, Cl. 200—48.
- Carmichael, Robert L., to Bell Telephone Laboratories, Inc. Pulse train modification circuits. 2,824,228, 2-18-58, Cl. 250—27.
- Carmichael, Thomas F., to Syncro Corp. Electromagnetic reciprocating tool motor and armature support therefor. 2,836,940, 6-3-58, Cl. 51—170.
- Carmichael, Thomas F., to Syncro Corp. Rheostat. 2,852,647, 9-16-58, Cl. 201—60.
- Carmody, Don R.: *See*—
 Zletz, Alex. Carmody, and Butcher. 2,857,738.
- Carmody, Don R., and A. Zletz, to Standard Oil Co. Reaction propulsion method. 2,857,736, 10-28-58, Cl. 60—35.4.
- Carmody, Don R., and A. Zletz, to Standard Oil Co. Method of rocket propulsion. 2,857,737, 10-28-58, Cl. 60—35.4.
- Carnahan, Robert E., to Chas. Pfizer & Co., Inc. Process for preparing 1-isonicotinyl-2-cyanomethylhydrazine. 2,837,527, 6-3-58, Cl. 260—294.9.
- Carnahan, Robert E., and R. E. Kent, to Chas. Pfizer & Co., Inc. 2-nitroethylhydrazine derivatives. 2,865,923, 12-23-58, Cl. 260—295.
- Carnahan, Thomas D., and E. H. Ray, to B. F. Drakenfeld & Co., Inc. Vanadium-bearing ceramic pigment. 2,847,317, 8-12-58, Cl. 106—299.
- Carnall, Edward, Jr., and J. J. Lugert, to Eastman Kodak Co. Optical cement and method of making same. 2,856,379, 10-14-58, Cl. 260—33.8.
- Carnation Co.: *See*—
 Ellertson, Melvin E., and Pearce. 2,822,277.
- Loo, Ching C., and Jackson. 2,825,651.
- Carnegie, William L.: *See*—
 Almen, John O., and Carnegie. 2,849,346.
- Carnes, Joseph J., and F. M. Cowen, to American Cyanamid Co. Preparation of hydroxyalkyl acrylates. 2,819,296, 1-7-58, Cl. 260—486.
- Carnes, Sheldon Y., and R. F. Searle, to Arkell and Smiths. Supplemental sleeve for multiwall gusseted valve bag. 2,838,225, 6-10-58, Cl. 229—62.5.
- Carney, Charles E. Fixture for use in sharpening saws. 2,823,463, 2-18-58, Cl. 33—202.
- Carney-Stansfield Co.: *See*—
 Stansfield, Hamill, and Edge. 2,839,008.
- Carnick, Lyle, to Copco Steel & Engineering Co. Basement window construction. 2,850,774, 9-9-58, Cl. 20—53.
- Carolands Co.: *See*—
 Moseley, Tomlinson I., and Stahl. 2,841,637.
- Carolin, Edward R.: *See*—
 Temple, Robert B., and Carolin. 2,852,312.
- Carolina Container Co.: *See*—
 Cavin, Joseph J. 2,832,525.
- Caron, Claude: *See*—
 Desbenoit, Christian L. A., Deltel, and Paris. 2,838,869.
- Caron, Gerard E. Automatic silo ensilage unloader. 2,864,655, 12-16-58, Cl. 302—56.
- Caron, John B. R.: *See*—
 Glendenning, Everett B., Wies, and Caron. 2,866,694.
- Caronelle, Inc.: *See*—
 Otto, Carl L., and L. B. 2,842,140.
- Carosella, Michael C., to Union Carbide Corp. Method of removing calcium from solutions. 2,820,749, 1-21-58, Cl. 204—105.
- Carosella, Michael C., to Union Carbide Corp. Purifying solutions for use in the electrowinning of chromium. 2,849,354, 8-26-58, Cl. 204—105.
- Carothers, Campbell M., to Esso Research and Engineering Co. Method for completing and servicing a well. 2,844,205, 7-22-58, Cl. 166—4.
- Carothers, Charles F. Wire gate fastener. 2,860,429, 11-18-58, Cl. 39—74.
- Carothers, Charles H. Method and means for automatically growing improved quality plants. 2,855,725, 10-14-58, Cl. 47—17.
- Carotti, Arrigo A.: *See*—
 Winternitz, Paul F., and Carotti. 2,837,318.
- Carp, George. Inching mechanism. 2,855,556, 10-7-58, Cl. 318—443.
- Carp, Gerald: *See*—
 Brown, Peter, and Carp. 2,858,448.
- Carp, Peter J. Transmission. 2,835,145, 5-20-58, Cl. 74—688.
- Carpenter, David E., and A. F. Palmer, to Westinghouse Electric Corp. Motors. 2,845,555, 7-29-58, Cl. 310—216.
- Carpenter, Douglas H., to J F D Mfg. Co., Inc. Television antenna. 2,834,015, 5-6-58, Cl. 343—876.
- Carpenter, Erwin L., to American Cyanamid Co. Preparation of acrylonitrile. 2,827,423, 3-18-58, Cl. 202—57.
- Carpenter, Erwin L., to American Cyanamid Co. Production of acrylonitrile. 2,840,592, 6-24-58, Cl. 260—465.3.
- Carpenter, Erwin L., and N. Hedley, to American Cyanamid Co. Process of extracting precious metals from their ores by the use of alpha-hydroxynitriles. 2,829,045, 4-1-58, Cl. 75—105.
- Carpenter, Erwin L., and R. L. Webb, to American Cyanamid Co. Stabilization of iactonitrile. 2,830,073, 4-8-58, Cl. 260—465.6.
- Carpenter, Frank C., Jr., to Hoffman Electronics Corp. Transistor squelch system or the like. 2,840,699, 6-24-58, Cl. 250—20.
- Carpenter, Frank H. Well tool. 2,857,141, 10-21-58, Cl. 255—74.
- Carpenter, Fred A. Booster attachment for centrifugal pumps. 2,853,014, 9-23-58, Cl. 103—5.
- Carpenter, Gilbert B., M. W. Leeds, and S. Gister, to Air Reduction Co., Inc. Mono-adducts of ethylene oxide and acetylenic glycols. 2,863,926, 12-9-58, Cl. 260—615.
- Carpenter, Harley M. Tool to render a tubeless tire inflatable. 2,838,101, 6-10-58, Cl. 157—1.21.
- Carpenter, Herbert C. Folding blade sheathed nail set. 2,839,110, 6-17-58, Cl. 145—46.
- Carpenter, James E. Apparatus for simultaneously threading a plurality of rods and sequentially releasing the rods from rotary work holders. 2,861,281, 11-25-58, Cl. 10—91.
- Carpenter, James R., to Container Corp. of America. Leak proof carton. 2,846,132, 8-5-58, Cl. 229—31.
- Carpenter, James W., to The Cleveland Pneumatic Tool Co. Shock absorber. 2,833,380, 5-6-58, Cl. 188—96.
- Carpenter, John F., to Esso Research and Engineering Co. Hydrocarbon oil emulsifier. 2,834,731, 5-13-58, Cl. 252—8.9.
- Carpenter, John L. and J. L. Hetzler. Apparatus for splitting heads of animal carcasses. 2,829,398, 4-8-58, Cl. 17—23.
- Carpenter, Joseph E., to American Cyanamid Co. Diesters of dithiophosphoric acid. 2,849,475, 8-26-58, Cl. 260—461.
- Carpenter, Ose F. Chicken coop. 2,863,691, 12-9-58, Cl. 292—340.
- Carpenter, Paul G., to Phillips Petroleum Co. Sealing porous formations. 2,858,892, 11-4-58, Cl. 166—29.
- Carpenter Steel Co., The: *See*—
 Beaver, Howard O., Jr. 2,829,410.
- Beaver, Howard O., Jr. 2,865,736.
- Kerisler, Wesley R. 2,826,496.
- Carpenter, Thomas J., and S. R. Smith, Jr., to General Electric Co. Load break device. 2,834,855, 5-13-58, Cl. 200—148.
- Carpenter, Walter H., and W. L. Mingleddorf, Jr., to Mingleddorf's, Inc. Refrigeration system. 2,836,037, 5-27-58, Cl. 62—4.
- Carpenter, William P., to The Superior Electric Co. Remote electrical control. 2,840,765, 6-24-58, Cl. 315—276.
- Carpenter, William P., and G. O. Fredrickson, to The Superior Electric Co. Electrical control apparatus. 2,830,232, 4-8-58, Cl. 315—97.
- Carpentier, Melbourne L., and W. E. Drinkard, to Chrysler Corp. Overhead valve engine. 2,833,254, 5-6-58, Cl. 123—59.
- Carper, Samuel R. Fence post. 2,854,101, 9-30-58, Cl. 189—23.
- Carpino, Louis A., to Research Corp. Production of acid chlorides. 2,845,429, 7-29-58, Cl. 260—295.
- Carr, Adams & Collier Co.: *See*—
 Gabriel, Arthur E. 2,855,320.
- Glab, William T. 2,864,715.
- Hansen, George E., and Carr. 2,859,031.
- Norman, Wayne A. 2,866,234.
- Sitterly, Charles K. Re. 24,470.
- Sitterly, Charles K. 2,821,753.
- Carr, Amos J., Jr., to Raytheon Mfg. Co. Electronic position and motion control systems. 2,843,810, 7-15-58, Cl. 318—19.
- Carr, Boyd H., D. C. Doane, and L. E. Lefevre, to The Dow Chemical Co. Process for prolonging the film-forming life of a normally crystalline polymer latex. 2,831,822, 4-22-58, Cl. 260—29.6.
- Carr, Charles J. Reamer. 2,834,578, 5-13-58, Cl. 255—73.
- Carr, Clifford H. Heat exchange apparatus. 2,825,210, 3-4-58, Cl. 62—139.
- Carr, Clifford H. Method and apparatus for air conditioning. 2,854,915, 10-7-58, Cl. 98—38.
- Carr, Dodd S., to Bart Laboratories Co., Inc. Method of producing dull electronic nickel. 2,842,487, 7-8-58, Cl. 204—49.
- Carr, Duane: *See*—
 Barnes, Samuel A. 2,850,273.
- Carr, Edward W.: *See*—
 Fennema, Richard, Carr, Hansen, and Daehler. 2,831,500.
- Carr, Edward W., and G. E. Hansen, to Crane Co. Strip retainer for underground hydrant or the like. 2,855,948, 10-14-58, Cl. 137—301.
- Carr, James P.: *See*—
 Griffith, Clifford J., and Carr. 2,857,219.
- Carr, James P., to Food Machinery and Chemical Corp. Spraying apparatus. 2,840,300, 6-24-58, Cl. 230—235.
- Carr, John H., to Dura-Vent Corp. Roof vent structure. 2,857,837, 10-28-58, Cl. 98—84.
- Carr, Laurence H., to Edward Valves, Inc. Valve structure. 2,864,401, 12-16-58, Cl. 137—527.8.
- Carr, Laurence H., and B. J. Milleville, to Edward Valves, Inc. Valve constructions. 2,823,007, 2-11-58, Cl. 251—269.

- Carr, Stanley J. Wax applying attachment for floor polishers. 2,820,977, 1-28-58, Cl. 15-131.
- Carr, William F., to Lear Inc. Electrical booster for power steering with variable resistance control. 2,820,872, 1-21-58, Cl. 201-51.
- Carr, William F., to Lear, Inc. Ball type disconnect. 2,843,237, 7-15-58, Cl. 192-40.
- Carrabine, Joseph J. Paint brush guard. 2,821,734, 2-4-58, Cl. 15-248.
- Carranza, Eduardo. Air type printing process. 2,841,493, 7-1-58, Cl. 96-33.
- Carrara, Gino, to Lepetit S. p. A. Process for preparing isonicotinic acid diethylamide. 2,858,317, 10-28-58, Cl. 260-295.
- Carrara, Gino, and E. Testa, to Lepetit S. p. A. Alpha-bromo, beta (5-nitro-2-thienyl)-acrolein isonicotinyl hydrazone. 2,836,600, 5-27-58, Cl. 260-294.8.
- Carraway, James H. Bin lifting device. 2,822,948, 2-11-58, Cl. 214-621.
- Carraway, Thomas W. Evaporative condenser apparatus and liquid disperser unit therefor. 2,841,369, 7-1-58, Cl. 257-37.
- Carraway, Thomas W. Control mechanism for cooling and condensing equipment. 2,847,831, 8-19-58, Cl. 62-158.
- Carriek Products: See—
- Sitrin, Gabriel M. 2,859,790.
- Carriek, Virgil P. Sofa bed upholstering tensioner. 2,865,030, 12-23-58, Cl. 5-51.
- Carrieco, Charles F. Adjustable garment hanger. 2,819,003, 1-7-58, Cl. 223-88.
- Carrier, Cassius M. Reinforced concrete and tile wall construction. 2,861,448, 11-25-58, Cl. 72-30.
- Carrier Conveyor Corp.: See—
- Carrier, Robert M., Jr. 2,818,968.
- Carrier, Robert M., Jr. 2,819,047.
- Carrier, Robert M., Jr. 2,846,210.
- Morris, John M. 2,829,881.
- Carrier Corp.: See—
- Ashley, Carlyle M. 2,836,364.
- Ayling, Robert W. 2,848,157.
- Ayling, Robert W. 2,855,253.
- Birdsall, Bruce E. 2,844,086.
- Gerteis, Karl M. 2,836,345.
- Howe, Harlan L. 2,865,277.
- Johnson, Stuart E. 2,847,832.
- Keville, Jesse F., Jr. 2,860,988.
- Leonard, Louis H., Jr. 2,840,997.
- McGrath, William L. 2,844,319.
- Merrick, Richard H. 2,847,833.
- Merrick, Richard H., and Palmatier. 2,850,266.
- Morgan, Robert D. 2,836,038.
- Sturley, Richard A. 2,833,125.
- Sturley, Richard A. 2,853,275.
- Swart, Richard H., and Ayling. 2,859,912.
- Swart, Richard H., Jr. 2,860,016.
- Carrier, E. Wendell: See—
- Matuszak, Alfred H., Maisel, and Carrier. 2,820,815.
- Carrier, Edmund T. Electrode holder. 2,823,298, 2-11-58, Cl. 219-138.
- Carrier, Henry. Heat exchange apparatus. 2,824,621, 2-25-58, Cl. 183-23.
- Carrier, Robert M., Jr., to Carrier Conveyor Corp. Spiral and like conveyors. 2,818,968, 1-7-58, Cl. 198-220.
- Carrier, Robert M., Jr., to Carrier Conveyor Corp. Conveyor for mixing and de-aerating. 2,819,047, 1-7-58, Cl. 259-72.
- Carrier, Robert M., Jr., to Carrier Conveyor Corp. Resilient connectors. 2,846,210, 8-5-58, Cl. 267-1.
- Carrier, Robert M., Jr. Spiral conveyors. 2,847,767, 8-19-58, Cl. 34-164.
- Carrillo Z., George, 1/2 to P. J. Rink. Airplane with variable sweepback airfoils. 2,836,381, 5-27-58, Cl. 244-43.
- Carrington, Blake W., to The General Industries Co. Bearing structure. 2,819,933, 1-14-58, Cl. 308-72.
- Carrion, Joseph, 15% to M. H. Blumenfeld. Servo braking control device for selective slow and high speed braking operation. 2,840,044, 6-24-58, Cl. 121-38.
- Carroll, Charles, to Duff-Norton Co. Remote manual switching mechanism for electric hoist. 2,848,571, 8-19-58, Cl. 200-47.
- Carroll, Ellsworth W., to S & W Fine Foods, Inc. Peach orientator. 2,819,787, 1-14-58, Cl. 198-33.
- Carroll, Ellsworth W., to S & W Fine Foods, Inc. Fruit orientators. 2,840,221, 6-24-58, Cl. 198-33.
- Carroll, Esther T. Finger cleaning device. 2,841,811, 7-8-58, Cl. 15-244.
- Carroll, Frank E., to Lever Brothers Co. Heavy duty liquid detergent composition. 2,859,182, 11-4-58, Cl. 252-137.
- Carroll, Frank E., Jr.: See—
- Booth, Harry T., Carroll, and Parker. 2,864,588.
- Booth, Harry T., Carroll, and Parker. 2,864,589.
- Carroll, Fred M.: See—
- Novak, Donald A., and Carroll. 2,854,077.
- Carroll, Fred M., to International Business Machines Corp. Movable drum typewriter. 2,847,105, 8-12-58, Cl. 197-16.
- Carroll, Howard M. Artificial limb ankle joint assembly. 2,863,684, 12-9-58, Cl. 287-97.
- Carroll, James H.: See—
- Hanner, Robert S., and Carroll. 2,837,502.
- Carroll, James H., to Phillips Petroleum Co. Rubber-rosin asphalt compositions and their preparation. 2,857,351, 10-21-58, Cl. 260-27.
- Carroll, James L. Mechanical automobile parking garage. 2,857,060, 10-21-58, Cl. 214-16.1.
- Carroll, James W.: See—
- Plump, Ralph E., and Carroll. 2,823,184.
- Carroll, John A., and N. J. Newhard, Jr., to American Chemical Paint Co. Method of and solution for the surface treatment of aluminum. 2,825,697, 3-4-58, Cl. 252-389.
- Carroll, John A., and J. H. Thirsk, to Anchem Products, Inc. Process for enameling aluminum. 2,858,245, 10-28-58, Cl. 148-62.
- Carroll, John P.: See—
- Williams, Russell C., Selyem, and Carroll. 2,837,378.
- Carroll, Martin B., and L. Courville. Combination rotary and impact drill. 2,859,941, 11-11-58, Cl. 255-61.
- Carroll, Noble. Picture frame. 2,860,437, 11-18-58, Cl. 40-152.
- Carroll, Richard H., to Sterling Drug Inc. Sterile ampule package. 2,836,320, 5-27-58, Cl. 215-6.
- Carroll, Robert L.: See—
- Heyman, Karl, Carroll, and Reuter. 2,828,715.
- Carroll, Robert L. Strand tensioning means. 2,833,491, 5-6-58, Cl. 242-154.
- Carroll, Robert P. Programming control system. 2,822,531, 2-4-58, Cl. 340-174.
- Carroll, Thomas, to Massey-Harris-Ferguson Ltd. Conveyor for harvesters. 2,851,144, 9-9-58, Cl. 198-9.
- Carron, Maurice C. E., A. F. Julien, and G. G. M.-M. Preud'Homme, to Société Anonyme des Laboratoires Robert & Carriere. Method of preparing synthetic dl-3 monoamide of 1-aminoglutaric acid (dl-glutamine). 2,846,469, 8-5-58, 260-534.
- Carrouche, Richard L., to California Institute Research Foundation. Ruling engine. 2,843,936, 7-22-58, Cl. 33-32.
- Carruthers, Eben H. Machine for packing a predetermined weight of bulk products. 2,840,121, 6-24-58, Cl. 141-164.
- Carson, George L.: See—
- Moore, Robert C., and Carson. 2,843,826.
- Moore, Robert C. and Carson. 2,850,627.
- Carson, Gordon B., and D. K. Wright, Jr., to Selby International, Inc. Automatic fastening machine. 2,837,046, 6-3-58, Cl. 112-118.
- Carson, James E., to Hamilton Watch Co. Device for measuring blood density in tissue. 2,834,338, 5-13-58, Cl. 128-2.
- Carson, Lawrence E., to The Rig-A-Jig Toy Co., Inc. Construction toy. 2,833,082, 5-6-58, Cl. 46-23.
- Carson, Stanley R.: See—
- Sampson, Frederick W., and Carson. 2,847,695.
- Carson, Susan V. Removable cover for toilet seats. 2,858,549, 11-4-58, Cl. 4-249.
- Carson, Thomas H., to Ex-Cell-O Corp. Electro-hydraulic servo actuators. 2,844,158, 7-22-58, Cl. 137-82.
- Carson, William N., Jr.: See—
- Michelson, Christian E., and Carson. 2,859,164.
- Carstensen, Brigitte (geb. Moschel): See—
- Bretschneider, Otto, and Moschel. 2,847,295.
- Carston, Walter. Excavating, loading and carry-off earth working machine. 2,844,892, 7-29-58, Cl. 37-4.
- Cart, Ward B., and W. L. Ringland, to Allis-Chalmers Mfg. Co. Dynamoelectric machine having rotor material replacement device. 2,819,418, 1-7-58, Cl. 310-261.
- Carte, Cecil H. W., to Martin Walter Ltd. Seats. 2,859,798, 11-11-58, Cl. 155-6.
- Carten, George T. Shuttle for braiding. 2,831,389, 4-22-58, Cl. 87-54.
- Carter, A. B., Inc.: See—
- Chang, Nai C., and Langlois. 2,863,492.
- Carter, Albert S., to E. I. du Pont de Nemours and Co. Poly (polyalkylene ether urethanes). 2,830,037, 4-8-58, Cl. 260-77.5.
- Carter, Albert S., and M. L. Ernsberger, to E. I. du Pont de Nemours and Co. Process for making elastomers from polymeric bis-chloroformates, phosgene and diamines. 2,835,654, 5-20-58, Cl. 260-75.
- Carter, Alfred D. S., to Power Jets (Research and Development) Ltd. Rotary bladed fluid flow machines. 2,866,619, 12-30-58, Cl. 253-65.
- Carter, Arthur M., Jr.: See—
- Wolln, Louis, and Carter. 2,829,826.
- Carter, Benjamin C., to Garringtons Ltd. Universal joints. 2,828,615, 4-1-58, Cl. 64-21.
- Carter, Charles A. Sidewalk fine graders. 2,825,984, 3-11-58, Cl. 37-108.
- Carter, Charles J. E.: See—
- Symon, Alexander, Harpur, Carter, and Williams. 2,838,950.
- Carter, Clarence F. Filling machine for open mouth bags. 2,831,510, 4-22-58, Cl. 141-59.
- Carter, Clay C.: See—
- Carter, Grover C., F. D. Rohan, C. C. Carter, and F. D. Rohan, Jr. 2,853,031.
- Carter, Douglas O. Apparatus for producing a stereoscopic photograph from seismic data. 2,829,556, 4-8-58, Cl. 88-24.
- Carter, George and L. J. Collapsible and extensible table. 2,836,476, 5-27-58, Cl. 311-84.
- Carter, Grover C., F. D. Rohan, C. C. Carter, and F. D. Rohan, Jr. Rug supporting table. 2,853,031, 9-23-58, Cl. 112-2.

- Carter, Herman T.: *See*—
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- Carter, Herman T., to Bell Telephone Laboratories, Inc. Subscriber's key telephone station and signaling circuit. 2,850,579, 9-2-58, Cl. 179—99.
- Carter, Herman T., to Bell Telephone Laboratories, Inc. Holding arrangement for universal-type line circuit. 2,862,062, 11-25-58, Cl. 179—99.
- Carter, Howell L., Jr., to Raytheon Mfg. Co. Bypass capacitors. 2,855,491, 10-28-58, Cl. 317—257.
- Carter, Hugh M.: *See*—
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- Carter, Isaac. Coin control shoe polishing stand. 2,818,589, 1-7-58, Cl. 15—31.
- Carter, J. Warne. Rotary strainer for a pump. 2,819,798, 1-14-58, Cl. 210—402.
- Carter, James M., to Aerojet-General Corp. Method of jet propulsion by spontaneous combustion of furfural. 2,835,106, 5-20-58, Cl. 60—35.4.
- Carter, James M., and C. E. Larson, to United States of America, Atomic Energy Commission. Process of recovering uranium. 2,835,270, 10-7-58, Cl. 23—14,005.
- Carter, James M., and M. D. Kamen, to United States of America, Atomic Energy Commission. Process for the recovery and purification of uranium deposits. 2,856,263, 10-14-58, Cl. 23—41.5.
- Carter, Jesse B., to Hickok Mfg. Co. Inc. Safety strap buckle. 2,836,868, 6-3-58, Cl. 24—77.
- Carter, John G., to Goodmans Industries Ltd. Vibration generators. 2,832,903, 4-29-58, Cl. 310—27.
- Carter, John L., L. Gould, and I. Reingold, to United States of America, Army. Microwave duplexer. 2,853,684, 9-23-58, Cl. 333—13.
- Carter, John W.: *See*—
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- Carter, John W., and W. P. Evans, to Caterpillar Tractor Co. Cork faced vibration damper. 2,834,225, 5-13-58, Cl. 74—574.
- Carter, Joseph H., to Carter Machine & Tool Co. Tire construction for wheeled toys. 2,830,640, 4-15-58, Cl. 152—312.
- Carter, Kenneth J.: *See*—
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- Carter, Leslie F., to Sperry Rand Corp. Gyro compass. 2,821,791, 2-4-58, Cl. 33—226.
- Carter, Leslie F., to Sperry Rand Corp. Viscous damper. 2,859,624, 11-11-58, Cl. 74—5.5.
- Carter, Lester J.: *See*—
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- Carter, Lyle E., and R. D. Ryan. Work holder for lapping machine. 2,842,906, 7-15-58, Cl. 51—216.
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- Carter, Melvin A. Electronic device for controlling record tapes. 2,834,928, 5-13-58, Cl. 318—162.
- Carter, Melvin A. Illuminating display device for photographic transparencies. 2,858,629, 11-4-58, Cl. 40—106.1.
- Carter Motor Co.: *See*—
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- Carter Parts Co.: *See*—
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- Carter, Philip R.: *See*—
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- Carter, Raymond H., to Slevopak Machinery Corp. Method and apparatus for forming and filling bags. 2,864,213, 12-16-58, Cl. 53—29.
- Carter, Richard H. Heat exchanger. 2,847,193, 8-12-58, Cl. 257—246.
- Carter, Robert W., to United States Steel Corp. Hot top. 2,843,898, 7-22-58, Cl. 22—147.
- Carter, Ryland R. Mounting and securing structure for rotary plow discs. 2,858,758, 11-4-58, Cl. 97—220.
- Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Article orienting mechanism for conveyors. 2,825,442, 3-4-58, Cl. 198—33.
- Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Band height positioner for banding machines. 2,843,986, 7-22-58, Cl. 53—291.
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- Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Article-handling apparatus. 2,866,534, 12-30-58, Cl. 198—19.
- Carter, Thomas J.: *See*—
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- Carter, Weld S., Jr.: *See*—
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- Carthage Corp.: *See*—
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- Cartledge, Groves H., to United States of America, Atomic Energy Commission. Corrosion inhibition. 2,837,474, 6-3-58, Cl. 204—154.2.
- Cartledge, Frank, to Goodman Mfg. Co. Boring type mining machine having rotary cusp trimmer bars. 2,825,545, 3-4-58, Cl. 262—7.
- Cartledge, John R.: *See*—
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- Cartledge, John R., and C. B. Krekeler, to The Cincinnati Mine Machinery Co. Pintle fastening means for cutter chains. 2,826,085, 3-11-58, Cl. 74—254.
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- Cartwright, John R. Data column shifting device. 2,844,310, 7-22-58, Cl. 235—61.
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- Carufel, Louis D., to Continental Motors Corp. Piston. 2,832,654, 4-29-58, Cl. 309—4.
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- Carus, Milton B., to Carus Chemical Co. Production of potassium permanganate. 2,843,537, 7-15-58, Cl. 204—82.
- Caruthers, Robert S., to Lenkurt Electric Co. Inc. Carrier communication system. 2,866,000, 12-23-58, Cl. 179—15.
- Carver, George P., to Sundstrand Machine Tool Co. Hot gas valve for turbine speed control. 2,845,306, 7-29-58, Cl. 299—150.
- Carver, Horace N., to Miro-Flex Co., Inc. Turn signal switch for vehicles. 2,824,180, 2-18-58, Cl. 200—16.
- Carver, Lawrence M., to Stelma, Inc. Telegraph distortion analyzer. 2,856,458, 10-14-58, Cl. 178—69.
- Carver, Robert W. Pressure indicator. 2,821,951, 2-4-58, Cl. 116—114.
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- Carver, Vinton D. V., and M. Liao, to International Telephone and Telegraph Corp. Cabinet for electronic equipment. 2,823,973, 2-18-58, Cl. 312—323.
- Cary, Abner. Chicken coop. 2,843,284, 7-15-58, Cl. 217—36.
- Cary, Rex H. J., to Minister of Supply, in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Antennae. 2,826,756, 3-11-58, Cl. 343—708.
- Cary, Roderick C., to Rohm & Haas Co. Dinitrophenyl 4-pentenates. 2,861,915, 11-25-58, Cl. 167—30.
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- Casabona, Anthony M., to International Telephone and Telegraph Corp. High frequency hybrid circuit. 2,822,525, 2-4-58, Cl. 333—11.
- Casabona, Anthony M., to International Telephone and Telegraph Corp. Time spacing measuring apparatus. 2,866,157, 12-23-58, Cl. 324—68.
- Casal, Federico G., to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G. Microwave line with variable electrical length. 2,831,169, 4-15-58, Cl. 333—31.
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- Cascade Mfg. Co.: *See*—
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- Farmer, Stanley E., and Weinert. 2,844,403.
- Cascades Plywood Corp.: *See*—
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- Casco Products Corp.: *See*—
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- Case, Edmund H., to General Motors Corp. Separator for antifriction bearings. 2,861,849, 11-25-58, Cl. 308—201.
- Case, Harold, and W. C. Ames, to The Marlo Co. Inc. Packing for polish rods. 2,845,286, 7-29-58, Cl. 286—16.
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- Aber, Homer B., and Kennicutt. 2,851,841.
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- Russell, Stanley D. 2,834,177.
- Russell, Stanley D. 2,853,000.
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- Case, James W. Preservative closure. 2,826,222, 3-11-58, Cl. 138-96.
- Case, James W. Method for coating glass fibers. 2,860,450, 11-18-58, Cl. 49-77.
- Case, John E. Work stop and gauge. 2,837,940, 6-10-58, Cl. 77-55.
- Case, Joseph. Float. 2,841,804, 7-8-58, Cl. 9-8.
- Case, Richard Y., to United States Rubber Co. Resilient shaft coupling. 2,859,599, 11-11-58, Cl. 64-11.
- Case, Rogers, Jr. Combination point and span transposition bracket. 2,862,990, 12-2-58, Cl. 174-33.
- Casebolt, George S., to American Cyanamid Co. Unsaturated polyester room temperature setting adhesive composition. 2,819,248, 1-7-58, Cl. 260-45.4.
- Caserio, Martin J., and H. C. Stuerzy, to General Motors Corp. Panel illumination. 2,858,632, 11-4-58, Cl. 40-132.
- Casey, Charles L., and J. B. Ryno, to Reliable Engineering Co. Vending machine. 2,821,329, 1-28-58, Cl. 221-243.
- Casey, Charles L., and R. G. Doell. Tissue dispenser. 2,840,268, 6-24-58, Cl. 221-49.
- Casey, Edmund J.: See—
Bourgault, Pierre L., Lake, and Casey. 2,831,044.
- Casey, Harold J., Jr. T square guide. 2,854,751, 10-7-58, Cl. 33-50.
- Casey, John W. Oil tank safety valve. 2,863,469, 12-9-58, Cl. 137-72.
- Casey, Joseph J.: See—
Dale, Walter F., and Anderson. 2,830,787.
- Casey, Robert F., to Allen B. Du Mont Laboratories, Inc. Adjustable sweep circuit. 2,823,274, 2-11-58, Cl. 250-27.
- Casey, Robert F., to Allen B. Du Mont Laboratories, Inc. Delayed and brightened sweep circuit. 2,825,848, 3-4-58, Cl. 315-22.
- Casey, Robert F., to Allen B. Du Mont Laboratories, Inc. Waveform modifying device. 2,831,109, 4-15-58, Cl. 250-27.
- Casey, Robert F., to Allen B. Du Mont Laboratories, Inc. Sweep circuit having an adjustable expanded section. 2,849,609, 8-26-58, Cl. 250-27.
- Casey, William J., III, to American Steel Foundries. Rotor brake actuating mechanism. 2,855,074, 10-7-58, Cl. 188-73.
- Casey, William J., III, to American Steel Foundries. System for transferring vehicles to rail cars. 2,855,115, 10-7-58, Cl. 214-38.
- Casey, William J., III, and M. K. Coskun, to American Steel Foundries. Rotor brake. 2,827,986, 3-25-58, Cl. 188-216.
- Cash, A. W., Valve Mfg. Corp.: See—
Terry, Charles M. 2,854,025.
- Cash, Charles R. P., to Fibreboard Paper Products Corp. Apparatus for shearing a stream of material. 2,831,753, 4-22-58, Cl. 23-267.
- Cashman, Edward P., and E. J. Corcoran, to Esso Research and Engineering Co. Lubricating oil composition. 2,824,840, 2-25-58, Cl. 252-56.
- Cashman, Edward P., E. J. Corcoran (Guzy), and R. M. Dean, to Esso Research and Engineering Co. Dialkyl fumarate-vinyl acetate copolymers. 2,825,717, 3-4-58, Cl. 260-75.5.
- Cashman, Howard A. Adjustable steering mechanism. 2,836,988, 6-3-58, Cl. 74-193.
- Caskey, Eddie K. Dust collector. 2,836,256, 5-27-58, Cl. 183-34.
- Casler, Roger H.: See—
Sanford, Roy S. 2,821,271.
Sanford, Roy S., and Eames. 2,821,272.
Sanford, Roy S., and Eames. 2,821,273.
- Cason, Warren M.: See—
Walker, Don J. 2,848,253.
- Caspari, Hans A., F. Schnebel, and H. Hene, to Spinnbau G. m. b. H. Roller equipment. 2,854,700, 10-7-58, Cl. 19-65.
- Casper, Ervin J. Instrument for holding surgical needle. 2,863,459, 12-9-58, Cl. 128-321.
- Casper, Johannes: See—
Müller, Wilhelm, Heinen, and Casper. 2,851,478.
- Cass, Joseph. Bow tie rack. 2,838,181, 6-10-58, Cl. 211-100.
- Cass, N. D., Co., The: See—
Haselton, Kenneth E. 2,851,045.
- Cassell, Joseph L., to Automatic Fire Alarm Co. Detector unit. 2,842,758, 7-8-58, Cl. 340-229.
- Cassella Farbwerke Mainkur Aktiengesellschaft: See—
Fleischhauer, Richard. 2,833,756.
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- Casselman, Clarence M.: See—
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Brunsting, Ralph, and Casselman. 2,859,930.
- Casselman, Gordon D. Drill grinding apparatus. 2,848,847, 8-26-58, Cl. 51-100.
- Casselman, Robert C., to Polaroid Corp. Photographic transparency mount. 2,837,852, 6-10-58, Cl. 40-152.
- Cassia, Roland A. Flush caps. 2,839,068, 6-17-58, Cl. 134-102.
- Cassidy, Robert J., to Pace, Inc. Thermoresponsive switch means. 2,854,548, 9-30-58, Cl. 200-122.
- Cassil, Carroll C., and J. Yaffe, to Food Machinery and Chemical Corp. Acaracidal composition of a chloroalkyl aryl oxyalkyl sulfite with a dry inert powdered carrier stabilized with a propylene glycol. 2,832,716, 4-29-58, Cl. 167-42.
- Cassin, Benjamin I. Safety shield for automobiles. 2,854,281, 9-30-58, Cl. 296-84.
- Cassman, Harry, to Electric & Musical Industries Ltd. Light absorbent surfaces. 2,843,774, 7-15-58, Cl. 313-66.
- Cast, Carl H., to Boeing Airplane Co. Pipe intersection delineating apparatus. 2,852,847, 9-23-58, Cl. 33-21.
- Castagna, Hermann, G. Gravey, F. Reynaud, and A. Roth, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acierles Electriques d'Ugine. Process of eliminating nickel contained in solutions of mixed salts of cobalt and nickel. 2,829,965, 4-8-58, Cl. 75-109.
- Castagna, John F. High efficiency constant speed direct current motor. 2,830,205, 4-8-58, Cl. 310-68.
- Castagna, Mary P., D. S. Thomas, A. D. Campbell, and R. J. Carbonell, to Standard Brands Inc. Pudding compositions and methods of making a pudding. 2,829,978, 4-8-58, Cl. 99-139.
- Castagnoli, Nildo, and L. J. Segil, to Luminous Ceilings, Inc. Anti-collision conveyor means. 2,821,289, 1-28-58, Cl. 198-177.
- Castano, Peter G. Line holder for masons, carpenters and other workmen. 2,865,107, 12-23-58, Cl. 33-85.
- Castedello, William: See—
Schwartz, Morris, and Castedello. 2,844,018.
Schwartz, Morris, Castedello, and Kaprelian. 2,863,988.
- Castel, Jacques H., to P. G. A. C. Development Co. Firing system for jet type perforating gun. 2,821,136, 1-28-58, Cl. 102-21.6.
- Castel, Jacques H., to PGAC Development Co. Unsymmetrically encased shaped explosive charges. 2,837,995, 6-10-58, Cl. 102-20.
- Castel, Jacques H., to PGAC Development Co. Apparatus for supporting explosive charges in jet type perforating guns. 2,844,098, 7-22-58, Cl. 102-20.
- Castel, Jacques H., to Perforating Guns Atlas Corp. Electrical well caliper tool. 2,864,173, 12-16-58, Cl. 33-178.
- Castellano, Consalvo J., to Catholic Mfg. Co., Inc. Rosaries. 2,853,802, 9-30-58, Cl. 35-23.
- Castelli, Charles, to Johnson & Johnson. Dispenser. 2,829,682, 4-8-58, Cl. 141-24.
- Castelli, Charles, to Johnson & Johnson. Molded plastic stick for a swab. 2,842,790, 7-15-58, Cl. 15-143.
- Castelli, Charles, to Johnson & Johnson. Tape dispensers. 2,848,046, 8-19-58, Cl. 164-84.5.
- Castelli, Charles, to Johnson & Johnson. Tape dispenser. 2,862,676, 12-2-58, Cl. 242-55.51.
- Castello, Anthony M.: See—
Townsend, Wilbur J., and Castello. 2,589,332.
- Castera, George, to Snow Gates & Valves, Inc. Gate valve. 2,833,513, 5-6-58, Cl. 251-298.
- Casterlin, James H., to General Aniline & Film Corp. Gyroscopic apparatus. 2,846,891, 8-12-58, Cl. 74-5.47.
- Caster S. A.: See—
Parodi, Felice. 2,864,371.
- Castiglione, Paul. Device for dispensing and applying an adhesive tape. 2,846,106, 8-5-58, Cl. 216-21.
- Castille, Michel R. Amusement ride device. 2,828,128, 8-25-58, Cl. 272-36.
- Castille, Michel R. Ferris wheel type amusement ride. 2,864,614, 12-16-58, Cl. 272-36.
- Castille, Michel R. Disc-type merry-go-round. 2,864,615, 12-16-58, Cl. 272-37.
- Castling Masters, Inc.: See—
Gorlinski, Joseph J. 2,838,647.
- Castle, Alfred B. Dolly. 2,855,211, 10-7-58, Cl. 280-47.32.
- Castle, Charles G.: See—
Dodson, Raymond M., and Castle. 2,847,422.
- Castle, Eli N. Manually operable graphic device for teaching dancing. 2,837,837, 6-10-58, Cl. 35-29.
- Castle, John E., to E. I. du Pont de Nemours and Co. Process for coating metals and product thereof. 2,850,416, 9-2-58, Cl. 148-6.14.
- Castle, William S., and J. M. Wetzler, to General Motors Corp. Heated compressor vane. 2,840,298, 6-24-58, Cl. 230-132.
- Castleberry, W. T.: See—
Broussard, Charles J. 2,818,927.
Broussard, Charles J. 2,818,928.
- Castleton, Robert J., and W. G. Johnson, to Industrial Research Laboratories. Machine to bend metal weather-board over insulation sheathing. 2,850,070, 9-2-58, Cl. 153-1.
- Castner, Earl A. Weedless lure. 2,860,441, 11-18-58, Cl. 43-42.5.
- Castner, Frank G., to The Trips Corp. Hydraulic brake safety device. 2,853,856, 9-30-58, Cl. 60-54.5.
- Castner, George P., and J. R. Foster, to Gamble-Skogmo, Inc. Clothes washing machine drive with power clutches. 2,828,633, 4-1-58, Cl. 74-70.
- Castner, John F.: See—
Roche, John C., and Castner. 2,857,089.
- Castner, John F., to United Biscuit Co. Tray forming machine. 2,835,174, 5-20-58, Cl. 93-37.
- Castrey, William E.: See—
Francis, Robert L., and Castrey. 2,860,476.

- Castricone, John A., to Altorfer Bros Co. Clothes washing machine. 2,821,076, 1-28-58, Cl. 68—131.
- Castro, Bernard. Sofa-bed bedding protector. 2,818,584, 1-7-58, Cl. 5—13.
- Castro Convertible Corp.: *See*—
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- Castro, Fernando J., to People of Puerto Rico. Protective glove. 2,862,208, 12-2-58, Cl. 2—161.
- Castruccio, Peter A., to Aircraft Armaments, Inc. Microwave peak power meter. 2,860,307, 11-11-58, Cl. 324—130.
- Caswell, Arthur S., to I-T-E Circuit Breaker Co. Circuit breaker racking mechanism. 2,840,653, 6-24-58, Cl. 200—50.
- Caswell, Arthur S., to I-T-E Circuit Breaker Co. Primary disconnect contacts. 2,848,583, 8-19-58, Cl. 200—163.
- Caswell, Arthur S., to I-T-E Circuit Breaker Co. Secondary control disconnect contacts. 2,850,603, 9-2-58, Cl. 200—168.
- Caswell, Benson E., and M. M. Theriault, to Keyes Fibre Co. Article feeding apparatus. 2,848,138, 8-19-58, Cl. 221—209.
- Caswell, Edgar F., to Kelsey-Hayes Co. Work chuck. 2,818,617, 1-7-58, Cl. 22—58.5.
- Catalano, Calogero A. Bottle closure. 2,819,748, 1-14-58, Cl. 150—8.
- Cataldo, Henry C., to American Machine and Metals, Inc. Method and means for increasing the capacity of a precoat filter. 2,827,175, 3-18-58, Cl. 210—396.
- Catalin Corp. of America: *See*—
Hyman, Joseph B., and Sterr. 2,865,875.
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- Catallo, Frank: *See*—
Cohn, Samuel and E., Catallo, and J. Cohn. 2,831,233.
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- Catallo, Leo: *See*—
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- Cataphote Corp.: *See*—
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- Catching, James W. Illuminated jewelry. 2,854,563, 9-30-58, Cl. 240—6.4.
- Cate, Paul E., to Robertshaw-Fulton Controls Co. Apparatus for corrugating tubes by fluid pressure. 2,842,182, 7-8-58, Cl. 153—73.
- Cate, Paul E., to Robertshaw-Fulton Controls Co. Device for proportioning different temperature fluids. 2,844,320, 7-22-58, Cl. 236—12.
- Cate, Robert M. Demolition firing device. 2,839,996, 6-24-58, Cl. 102—16.
- Cater, Harry L. Pole boot. 2,843,890, 7-22-58, Cl. 20—100.
- Cater, John R., to Tung Sol Electric Inc. Improvement in apparatus for growing single crystals. 2,826,666, 3-11-58, Cl. 219—10.65.
- Caterpillar Tractor Co.: *See*—
Benner, Paul B. 2,821,091.
Brown, Lawrence L. 2,821,444.
Butterfield, Max E., and Risk. 2,854,858.
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Coker, Morton M. 2,846,848.
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King, Daniel O., and Lofthouse. 2,831,474.
Larson, Donald J. 2,860,861.
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Parks, John H., and van Zandt. 2,841,000.
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- Cates, Harry L., Jr., J. O. Punderson, R. W. Wheatcroft, and A. B. Stiles, to E. I. du Pont de Nemours and Co. Preparation of oxidation products of cyclohexane. 2,851,496, 9-9-58, Cl. 260—586.
- Cates, Julius, to General Electric Co. Electric circuit arrangements for operating electric discharge lamps. 2,824,262, 2-18-58, Cl. 315—97.
- Cathcart, Wilson S., W. J. Greeley, and J. J. Hargarten, to E. I. du Pont de Nemours and Co. Bath for the manufacture of sodium. 2,850,442, 9-2-58, Cl. 204—68.
- Catherall, Reginald, to The Solartron Electronic Group Ltd. Low frequency oscillators and the measuring of the amplitude of low frequency oscillations. 2,831,975, 4-22-58, Cl. 250—36.
- Catherall, Reginald, to The Solartron Electronic Group Ltd. Testing servo systems. 2,837,718, 6-3-58, Cl. 324—158.
- Catholic Mfg. Co., Inc.: *See*—
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- Catlin, Robert T., and R. Turton, to Remington Arms Co., Inc. Guard for powder actuated tool. 2,831,192, 4-22-58, Cl. 1—44.5.
- Catlin, Willard E., and A. M. Jenkins, to E. I. du Pont de Nemours and Co. Chemical process for producing β -chloro ethane sulfonates. 2,839,573, 6-17-58, Cl. 260—513.
- Caton, Alfred M.: *See*—
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- Catotti, Arthur J., H. Cohn, and P. P. Grad, to Aerovox Corp. Process of etching aluminum foil for electrolytic capacitor. 2,853,445, 9-23-58, Cl. 204—141.
- Catterall, John B., to Herring-Hall-Marvin Safe Co. Lock mechanism. 2,852,929, 9-23-58, Cl. 70—320.
- Catterall, William E., and M. C. Fuqua, to Esso Research and Engineering Co. Water extractive distillation of ethanol. 2,836,545, 5-27-58, Cl. 202—39.5.
- Cattermole, Kenneth W., to International Standard Electric Corp. Electric pulse time modulators. 2,822,520, 2-4-58, Cl. 332—1.
- Cattrell, William M., to The Ryan Aeronautical Co. Flexible high temperature high pressure ball type pipe joint. 2,824,758, 2-25-58, Cl. 285—187.
- Cattuccio, Carmine. Food molding devices. 2,820,423, 1-21-58, Cl. 107—47.
- Caubet, Jacques J. Devices for cutting and generating hypocycloidal gears. 2,861,502, 11-25-58, Cl. 90—3.
- Caulbe, Donald L., to Sunstrand Machine Tool Co. Pump control. 2,860,517, 11-18-58, Cl. 74—60.
- Caudill, Howard F. Expandable driving core for driving pile shells. 2,840,993, 7-1-58, Cl. 61—79.
- Caudle, Harold F., Jr.: *See*—
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Caudle, Harold F., Sr., and H. F. Caudle, Jr. Lawnmower edger attachment. 2,862,344, 12-2-58, Cl. 56—25.4.
- Cauflman, John W., to Elkhart Brass Mfg. Co., Inc. Ball valve having adjustable seat unit. 2,819,868, 1-14-58, Cl. 251—315.
- Caul, Harold J.: *See*—
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- Cauley, Stephen P. Hydraulically powered toys. 2,824,408, 2-25-58, Cl. 46—95.
- Caulfield, Joseph R., to Champlain Co., Inc. Stream sheet delivery system. 2,820,633, 1-21-58, Cl. 271—76.
- Cauthen, David. Tripod and camera interconnecting head. 2,840,334, 6-24-58, Cl. 248—187.
- Cauwenberg, Winfred J.: *See*—
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- Cavalero, John V. Thermo-setting plastic held ribbon book mark. 2,832,307, 4-29-58, Cl. 116—119.
- Cavalier Corp.: *See*—
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- Cavalleri, Charles G. Coin operated intermittent lighting device-automatic electric candle. 2,863,547, 12-9-58, Cl. 194—9.
- Cavallito, Chester J., to Sterling Drug, Inc. Quaternary ammonium alkylaminobenzoquinones. 2,844,585, 7-22-58, Cl. 260—294.7.
- Cavallito, Chester J., and F. K. Kirchner, to Sterling Drug Inc. Basic esters of substituted β -benzoylacrylic acids. 2,863,910, 12-9-58, Cl. 260—477.
- Cavanagh, Daniel A. Precision forging method and apparatus. 2,836,706, 5-27-58, Cl. 219—150.
- Cavanagh, George C., to Ranchers Cotton Oil. Refining triglyceride oils. 2,824,885, 2-25-58, Cl. 260—424.
- Cavanagh, John J. Garment hanger. 2,822,115, 2-4-58, Cl. 223—96.
- Cavanagh, Lawrence D., to Hat Corp. of America. Hat. 2,834,019, 5-13-58, Cl. 2—175.
- Cavanagh, Patrick E., to Ontario Research Foundation. Method of forming subdensity metal bodies. 2,839,397, 6-17-58, Cl. 75—222.
- Cavanagh, Robert T., and J. H. Haines, to Allen B. Du Pont Laboratories, Inc. Optical system. 2,838,601, 6-10-58, Cl. 178—7.2.
- Cavanaugh, Edwin J. Power drive for lawn mowers. 2,852,083, 9-16-58, Cl. 180—19.
- Cavanaugh, James R., deceased; M. Cavanaugh, administratrix. Dual drive ratio power transmission mechanism. 2,860,519, 11-18-58, Cl. 74—217.
- Cavanaugh, Mildred: *See*—
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- Cavanaugh, Robert M., and J. B. Dempster, to E. I. du Pont de Nemours and Co. Ester interchange reaction using a lanthanum catalyst. 2,820,023, 1-14-58, Cl. 260—75.
- Cavell, Winston W.: *See*—
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- Cavenah, David K., and P. J. Steffen, to London, Inc. Combination filter and surface skimmer. 2,844,255, 7-22-58, Cl. 210—170.
- Caveney, Jack E.: *See*—
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- Caveney, T. John: *See*—
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- Cavin, Joseph J., to Carolina Container Co. Form-fit shipping carton. 2,832,525, 4-29-58, Cl. 229—23.
- Cawl, Allen P.: *See*—
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- Cawl, Allen P., and J. J. Kowalewski, to Electrolux Corp. Mechanism in the cover of a vacuum cleaner for rendering the cleaner inoperative if no bag is in place. 2,860,725, 11-18-58, Cl. 183—43.
- Cawley, George. Hydraulic retarding device. 2,846,029, 8-5-58, Cl. 188—94.
- Cawley, James T., 50% to M. C. Shumiatcher. Wall map storage cabinet. 2,848,828, 8-26-58, Cl. 40—65.
- Caya, Carl A. Swingaway support for missiles. 2,852,981, 9-23-58, Cl. 89—1.5.

- Caylor, Archie : *See*—
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- Cayot, Lynn B., to Commonwealth Co. Device for practicing putting. 2,866,645, 12-30-58, Cl. 273—183.
- Cayton, Robert J. Vertical blind control mechanism. 2,863,502, 12-9-58, Cl. 160—173.
- Cayzac, Jacques, to North American Philips Co., Inc. Device for frequency modulation of high frequency oscillations. 2,820,198, 1-14-58, Cl. 332—7.
- Ceaglske, Norman H., 90% to Minnesota Valley Natural Gas Co. Methane segregation method and product. 2,820,071, 1-14-58, Cl. 260—676.
- Cease, Carl B., J. W. Glover, and G. C. Wood, to Patent & Development, Inc. Plant holder. 2,853,962, 9-30-58, Cl. 111—2.
- Cecil, Clyde J., L. A. Courter, and C. R. Olson, to The Dow Chemical Co. Method of and apparatus for opening oil- and gas-bearing strata. 2,819,673, 1-14-58, Cl. 102—20.
- Cecil, Eugene L., Jr. Arming device for a fuze. 2,830,539, 4-15-58, Cl. 102—76.
- Ceco Steel Products Corp. : *See*—
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- Cedarholm, John P. : *See*—
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- Cedarholm, Roland E. : *See*—
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- Cedar Rapids Engineering Co. : *See*—
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- Cederbaum, Alvin D. : *See*—
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- Cederberg, Nels C. Animal holding device. Re. 24,517, 8-12-58, Cl. 119—98.
- Cederquist, Karl N. : *See*—
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- Cee Bee Mfg. Co. Inc. : *See*—
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- Cejka, Joseph B., to General Bronze Corp. Radio antenna. 2,840,816, 6-24-58, Cl. 343—715.
- Cejka, Joseph B., to General Bronze Corp. Radio antenna. 2,859,274, 11-4-58, Cl. 174—153.
- Celanese Corp. of America : *See*—
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Stearns, Duane L., and Heinz. 2,851,497.
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- Celanese Corp. of America : *See*—Continued
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- Cell Ceiling Inc. : *See*—
Baker, Douglas H., and Barbieri. 2,860,237.
- Cella, Richard T. Method of preparing a food product. 2,855,305, 10-7-58, Cl. 99—1.
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- Celorio Mendoza, Fausto. Gas generators. 2,832,679, 4-29-58, Cl. 48—107.
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- "Ceman Conord" : *See*—
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- Cenatron Industries : *See*—
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- Centoletta, Albert P., to Miles Laboratories, Inc. *p*-Amino-salicylic acid. 2,844,625, 7-22-58, Cl. 260—519.
- Central Carton Co., The : *See*—
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- Central Engineering Corp. : *See*—
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- Central Farmers Fertilizer Co. : *See*—
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- Central Fibre Products Co. : *See*—
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- Central Products Co. : *See*—
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- Central Scientific Co. : *See*—
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- Central Tool Co., The : *See*—
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- Central Transformer Corp. : *See*—
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- Central Texas Iron Works : *See*—
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- Centrifix Corp. : *See*—
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- Century Engineers, Inc. : *See*—
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- Century Geophysical Corp. : *See*—
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- Century Machine Co. : *See*—
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- Cerasani, Americo J.: *See*—
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- Cerna, Othon J.: *See*—
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- Cerness, Joseph F.: *See*—
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- Cerny, Joseph J. Coaxial resistor. 2,866,879, 12-30-58, Cl. 201-63.
- Cerny, Louis L., to The Alpha Shrimp Machine Corp. Adjustable mount for shrimp deveining saw. 2,849,750, 9-2-58, Cl. 17-2.
- Cerone, Pasquale L. Pick-up device for record players. 2,819,087, 1-7-58, Cl. 274-23.
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- Certus Maschinenbau G. m. b. H.: *See*—
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- Cerulli, Nicholas F., to Westinghouse Electric Corp. Method of electrophoretic deposition of luminescent materials and product resulting therefrom. 2,851,408, 9-9-58, Cl. 204-181.
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- Cerveny, Frank E.: *See*—
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- Cerveny, Walter J., and D. S. Wise, to Cleveland Patents, Inc. Signal generator. 2,859,409, 11-4-58, Cl. 332-30.
- Cesak, Jerry B. Picture frames. 2,836,915, 6-3-58, Cl. 40-152.1.
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- Cesaroni, Anthony, Jr. Combined brief case and portable lectern. 2,822,847, 2-11-58, Cl. 150-1.6.
- Cessna Aircraft Co.: *See*—
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- Seibel, Charles M. 2,828,916.
- Cestarelli, Lucio. Flooring section. 2,859,490, 11-11-58, Cl. 20-6.
- Cestoni, Dominic J.: *See*—
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- Cetrulo, Frank A., Jr. Conveying machine for line production of sewn materials. 2,848,960, 8-26-58, Cl. 112-2.
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- Chabala, Leonard V., to Westinghouse Electric Corp. Automatic sectionalizing switch. 2,832,010, 4-22-58, Cl. 317-23.
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- Chabrier de Lassauniere, Pierre, to Les Laboratoires Dausse (Société Anonyme). Morpholino phenyl carbamates and production thereof. 2,824,872, 2-25-58, Cl. 260-247.2.
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- Chace, Thomas B. Clad metal cooking utensils. 2,841,137, 7-1-58, Cl. 126-390.
- Chace, Thomas B., to The Dole Valve Co. Heater systems for vehicles and pressures compensating control valves thereof. 2,856,132, 10-14-58, Cl. 237-8.
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- Chadderdon, Jack. Milling cutter for use in oil wells. 2,846,193, 8-5-58, Cl. 255-73.
- Chadderdon, Jack. Expandable mill for well casings. 2,859,943, 11-11-58, Cl. 255-76.
- Chadderdon, Jack, to Servco Engineering, Ltd. Reamer-stabilizer. 2,865,605, 12-23-58, Cl. 255-28.
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- Chadenson, Lucien, to Societe Anonyme Francaise d'Etudes de Gestion et d'Enterprises. Overhead urban railway. 2,825,291, 3-4-58, Cl. 104-94.
- Chadowski, Joseph P., and A. G. Turk, to Cornell-Dubilier Electric Corp. Extensible automobile aerials. 2,850,305, 9-2-58, Cl. 286-37.
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- Chadwell, John. Valve train assembly for internal combustion engines. 2,827,888, 3-25-58, Cl. 123-90.
- Chadwick, Abraham B., to American Radiator & Standard Sanitary Corp. Baseboard radiator housing. 2,847,926, 8-19-58, Cl. 98-40.
- Chadwick, David H., to Monsanto Chemical Co. Method of producing mono- and dialkyl hydrogen phosphites. 2,834,797, 5-13-58, Cl. 260-461.
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- Chadwick, George A., P. H. Girouard, J. H. Sihler, C. V. Hickman, and D. Wertman. Loading and unloading mechanism for semi-automatic guns. 2,823,587, 2-18-58, Cl. 89-4.
- Chadwick, John D., and N. Ramm; said Chadwick assor. to said Ramm. Scaffolding U-lock. 2,832,649, 4-29-58, Cl. 304-40.
- Chadwick, Lees W. Electrically driven calendar clock. 2,836,956, 6-3-58, Cl. 58-6.
- Chaffee, Emory L.: *See*—
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- Chaffee, Joseph E. Blade mounting for rotary lawnmowers. 2,822,657, 2-11-58, Cl. 56-295.
- Chaffee, Walter C., to Gardner-Denver Co. Socket adaptor. 2,851,295, 9-9-58, Cl. 287-119.
- Chaffee, Walter C., and C. L. Robinson, to Gardner-Denver Co. Pressure fluid operated tool with controlled power feed. 2,854,870, 10-7-58, Cl. 77-32.7.
- Chaffin, Howard L. Air compressor. 2,828,067, 3-25-58, Cl. 230-174.
- Chafy, Carl R.: *See*—
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- Chain Belt Co.: *See*—
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- Lind, Arthur C., Quast, and Koeske. 2,863,564.
- Quast, Gilbert W., and Koeske. 2,863,565.
- Strehlow, Robert W., and Quast. 2,836,369.
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- Chaiser, Richard F., and W. H. Beretish, to The Bastian-Blessing Co. Gas dispensing system. 2,855,759, 10-14-58, Cl. 62-51.
- Chait, Herman N., and M. L. Kales, to United States of America, Navy. Ridged ferrite waveguide device. 2,850,705, 9-2-58, Cl. 333-98.
- Chalfant, John W. Transmitter for remote model control. 2,831,976, 4-22-58, Cl. 250-36.
- Chalich, Charles, to Taylor Mfg. Co., Inc. Means to transfer articles from cases to a conveyor. 2,862,634, 12-2-58, Cl. 214-309.
- Chalkley, Lyman. Photosensitive system. 2,829,052, 4-1-58, Cl. 96-90.
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- Chalkley, Lyman. Process for preparing cyanides of triaryl-methane dyes. 2,839,543, 6-17-58, Cl. 260-294.
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- Chall, Harold J., to Friden, Inc. Actuating mechanism for adding machine. 2,832,531, 4-29-58, Cl. 235-60.
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- Chall, Harold J., to Friden, Inc. Register clear symbol printing mechanism for calculating machine. 2,857,098, 10-21-58, Cl. 235-60.17.
- Chall, Harold J., and C. S. Balaz, to Friden, Inc. Ten-key calculating machine with backspacing mechanism. 2,832,532, 4-29-58, Cl. 235-60.
- Chall, Harold J., and A. J. Malavazos, to Friden, Inc. Control means for listing adding machine. 2,832,534, 4-29-58, Cl. 235-60.27.
- Chall, Harold J., and B. P. Silverman, to Friden, Inc. Perforated record making adding machine. 2,861,739, 11-25-58, Cl. 235-60.29.
- Challen, Henry D., to Taylor & Challen Ltd. Power press. 2,852,970, 9-23-58, Cl. 78-13.
- Challen, John B., to Taylor & Challen Ltd. Friction drive screw presses. 2,828,637, 4-1-58, Cl. 74-202.

- Challenge Machinery Co., The: See—
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- Challenge Mfg. Co.: See—
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- Challis, Kenneth E., to D. Napier & Son Ltd. Timing of fuel injection pumps. 2,863,438, 12-9-58, Cl. 123-139.
- Challstrom, Kenneth: See—
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- Chalmers, Edward D., to Oak Mfg. Co. Ultra-high frequency multi-section tuner. 2,824,965, 1-25-58, Cl. 250-40.
- Chalmers Products Aktiebolag: See—
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- Chalmers, William E., and G. J. Hoffman: said Chalmers assor. to Tankoe Engineering Co., Inc. Storage shelving construction. 2,844,261, 7-22-58, Cl. 211-90.
- Chalmers, William M., to Youngstown Steel Car Corp. Fifth wheel suspension. 2,821,409, 1-28-58, Cl. 280-440.
- Chalmers, William M., and F. B. Easton, to Youngstown Steel Car Corp. Tandem axle wheel suspension for automotive vehicles. 2,865,649, 12-23-58, Cl. 280-104.5.
- Chalmers, William M., and M. Maharick, to Youngstown Steel Car Corp. Air cushion suspension for automobile vehicles. 2,865,650, 12-23-58, Cl. 280-104.5.
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- Cham, Edward J., and W. A. Derr, to Westinghouse Electric Corp. Apparatus responsive to direct quantities. 2,832,049, 4-22-58, Cl. 324-140.
- Chamberlain Corp.: See—
 Andreassen, Donald R., and Herman. 2,841,688.
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- Chamberlain, Frank E. Rotary brush for cleaning side walls of pneumatic tires. 2,832,085, 4-29-58, Cl. 15-21.
- Chamberlain, George H. Device for trimming sheet material. 2,823,749, 2-18-58, Cl. 164-76.
- Chamberlain, Henry T.: See—
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- Chamberlain, Malcolm R. H. Rigtirink, and C. L. Stacy, Jr., to The Dow Chemical Co. Stabilized polyethylene compositions. 2,820,775, 1-21-58, Cl. 260-45.95.
- Chamberlain, Malcolm, and P. V. Greenfield, to The Dow Chemical Co. Gel counter. 2,834,207, 5-13-58, Cl. 73-160.
- Chamberlain Products Corp.: See—
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- Chamberlin, Clarence P., to Metal Mouldings Corp. Clip for attaching ornamental members to vehicle wheels. 2,827,332, 3-18-58, Cl. 301-37.
- Chamberlin, Earl M.: See—
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- Chamberlin, Earl M., and J. M. Chemerda, to Merck & Co., Inc. Chemical compounds and processes for preparing the same. 2,840,572, 6-24-58, Cl. 260-397.1.
- Chamberlin, Earl M., and J. M. Chemerda, to Merck & Co., Inc. Δ^8 -Bisnorallocholatenes. 2,852,536, 9-16-58, Cl. 260-397.1.
- Chamberlin, Earl M., and J. M. Chemerda, to Merck & Co., Inc. 11-keto tigogenin. 2,854,451, 9-30-58, Cl. 260-239.55.
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- Chamberlin, Edward F., and D. Jewett. Safety belt. 2,857,086, 10-21-58, Cl. 227-49.
- Chamberlin, James A., and A. L. Sweet to General Electric Co. Shock-responsive inertia mechanism. 2,839,947, 6-24-58, Cl. 74-527.
- Chamberlin, Joseph F., and R. A. Westphal: said Westphal assor. to said Chamberlin. Mail bag cart. 2,835,501, 5-20-58, Cl. 280-41.
- Chamberlin, Margaret S.: See—
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- Chamberlin, Reginald H. D., and J. V. Blyth, to D. Napier & Son Ltd. Shroud ring construction for turbines and compressors. 2,863,634, 12-9-58, Cl. 253-78.
- Chambers, Carl W., and D. H. Moreton, to Douglas Aircraft Co., Inc. Method of assembling butyl rubber O rings in a hydraulic system. 2,850,797, 9-9-58, Cl. 29-450.
- Chambers, Clarence G., and R. A. Spaulding, to General Motors Corp. Plating equipment and method of plating piston rings. 2,840,379, 8-5-58, Cl. 204-25.
- Chambers Corp.: See—
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- Chambers, Edwin G., and E. A. Temple, to Western Electric Co., Inc. Apparatus for wrapping strands on articles. 2,863,610, 12-9-58, Cl. 242-7.
- Chambers, Frank H., and G. B. Moats. Tubeless tire patch. 2,852,058, 9-16-58, Cl. 152-367.
- Chambers, Glenn M. Holders for pony tail hair arrangements. 2,832,358, 4-29-58, Cl. 132-48.
- Chambers, Glenn M. Latches for garbage can lids. 2,835,407, 5-20-58, Cl. 220-55.7.
- Chambers, Gordon R. Ornamental coin holding belt buckles. 2,840,875, 7-1-58, Cl. 24-163.
- Chambers, Herbert I. Windshield wiper for curved glass. 2,847,694, 8-19-58, Cl. 15-245.
- Chambers, Herbert I., to Consolidated Electrodynamics Corp. Oscillograph apparatus. 2,858,182, 10-28-58, Cl. 346-74.
- Chambers, Herbert I., and A. W. Fischer, to Consolidated Electrodynamics Corp. Transmission construction. 2,831,364, 4-22-58, Cl. 74-434.
- Chambers, John E., to Chambers Corp. Cooking stove. 2,845,056, 7-29-58, Cl. 126-39.
- Chambers, Lee B.: See—
 Aldridge, George L., and Chambers. 2,842,892.
- Chambers, Torrence H. Fluid electrical delay line. 2,861,246, 11-18-58, Cl. 333-30.
- Chambless, Ersvl F. Folding combination golf bag and caddy cart. 2,837,346, 6-3-58, Cl. 280-37.
- Chambless, John A. Multiple blade oblique vegetation cutter. 2,860,477, 11-18-58, Cl. 56-295.
- Chamot, Walter M., to National Aluminate Corp. Corrosion inhibitor composition and method of preventing corrosion. 2,824,059, 2-18-58, Cl. 252-8.55.
- Champ, Donald H.: See—
 Champ, Harley M., Williams, and Champ. 2,822,197.
- Champ, Harold M., and D. H., and T. R. Williams. Bearing seal with a pressure relief valve. 2,822,197, 2-4-58, Cl. 286-8.
- Champagnat, Alfred, and C. Vernet, to The British Petroleum Co., Ltd., previously Anglo-Iranian Oil Co., Ltd. Separation of hydrocarbons. 2,834,716, 5-13-58, Cl. 196-17.
- Champagnat, Alfred V., and C. L. Vernet, to The British Petroleum Co., Ltd. Separation of hydrocarbons by means of urea. 2,855,390, 10-7-58, Cl. 260-96.5.
- Champagne, Emory C.: See—
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- Champayne, Roy J. Rubbing machine. 2,825,188, 3-4-58, Cl. 51-170.
- Champion, Alexander O., to Oranda Engines Ltd. Safety vent plug. 2,823,694, 2-18-58, Cl. 137-197.
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- Champion International Co.: See—
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- Champion Paper and Fibre Co., The: See—
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- Champion Safe Tap Co.: See—
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 Lentz, Lawrence R. 2,831,993.
 Tensel, Richard C. 2,831,138.
- Champion, Vaughn L., to The Petersen Oven Co. Doughnut machine. 2,826,983, 3-18-58, Cl. 99-404.
- Champion, Wendell G., and T. Barish, to Lear, Inc. Mechanism for operating a load limit device in response to excessive load on a driving member. 2,843,691, 7-15-58, Cl. 200-61.46.
- Champlain Co., Inc.: See—
 Auer, Frederick G. 2,861,805.
 Caulfield, Joseph R. 2,820,633.
- Champlin, Marcus B.: See—
 Elrick, Malcolm C., and Champlin. 2,850,768.
- Champlin, Richard H., to M. E. Schwartz. Floor cleaning implements in the nature of brooms. 2,864,115, 12-16-58, Cl. 15-244.
- Champlin, Robert C.: See—
 Powers, Milton A., and Champlin. 2,847,989.
- Champney, Guy W. H.: See—
 Pickels, George W., IV, and Champney. 2,858,483.
- Chan, Charles R., and C. H. Woolley, deceased, by M. S. Chamberlin, executrix, to The Babcock & Wilcox Co. Stoker fired steam generating unit with double convection section. 2,840,056, 6-24-58, Cl. 122-480.
- Chan, Herbert C.: See—
 Bussard, Willis A., and Chan. 2,827,414.
- Chan, Robert E., H. B. Cowden, and W. B. Kendall, to Eastman Kodak Co. Photographic reproduction process. 2,865,745, 12-23-58, Cl. 96-28.
- Chance, A. B., Co.: See—
 Bridges, Ronald P. 2,825,774.
 Chance, Albert B., Jr. 2,858,520.
 Curtis, Thomas E., and Bridges. 2,849,554.
 Enk, John W. 2,859,307.
 Hubbard, David C. 2,851,414.
 Mackie, Alex. 2,864,633.
 Sullivan, Ross J., and Summerfield. 2,831,658.

- Chance, Albert B., Jr., to A. B. Chance Co. Electrical connector. 2,858,520, 10-28-58, Cl. 339-241.
- Chance, Britton, to the United States of America as represented by the Secretary of War. Bombing computer apparatus. 2,825,055, 2-25-58, Cl. 343-7.
- Chance, Kenneth E. Animal feeding structure. 2,858,801, 11-4-58, Cl. 119-52.
- Chance, Leon H.: *See*—
Reeves, Wilson A., Chance, and Drake. 2,859,134.
- Chance Vought Aircraft, Inc.: *See*—
Borgstrom, Charles E., and Van Triest. 2,819,612.
- Boyce, William C. 2,819,033.
- Boyce, William C. 2,863,685.
- Clark, John R. 2,851,229.
- Enycart, Raymond J. 2,823,554.
- Foley, William R. 2,837,112.
- Helstrom, Herbert A., Jr. 2,837,970.
- Hoefs, Edwin G., and Litton. 2,866,596.
- Lang, John M., and Graham. 2,826,120.
- Marshall, Edmund W. 2,865,580.
- Polleys, Owen F. 2,853,258.
- Chance, W. R., & Associates Inc.: *See*—
McKay, William C. 2,827,412.
- Chandler, A. R.: *See*—
Jean, James W. 2,864,675.
- Chandler, Alanson W. Combined hydrometer and thermometer. 2,853,881, 9-30-58, Cl. 73-449.
- Chandler, Arthur R.: *See*—
Brown, Reginald H., Chandler, and Storer. 2,858,660.
- Chandler, Carroll F., to E. I. du Pont de Nemours and Co. Textile treating composition. 2,865,855, 12-23-58, Cl. 252-8.9.
- Chandler, Edward F. Adjustable bench grinder. 2,821,053, 1-28-58, Cl. 51-225.
- Chandler, Ernest Inc.: *See*—
Costarella, Frank. 2,846,693.
- Chandler, James D., B. F. Parrelli, and A. D. Willhauck, to United Shoe Machinery Corp. Toe forming machines. 2,856,620, 10-21-58, Cl. 12-53.1.
- Chandler, James L., and C. C. Roe, to LeTourneau-Westinghouse Co. Field current supply system for an alternator. 2,844,783, 7-22-58, Cl. 322-27.
- Chandler, John and J. W., to D. S. Plugs Ltd. Flashlight and electrical tester. 2,839,724, 6-17-58, Cl. 324-53.
- Chandler, John W.: *See*—
Chandler, John and J. W. 2,839,724.
- Chandler, Milton E., to Pratt & Whitney Co., Inc. Jet engine thrust control. 2,853,851, 9-30-58, Cl. 60-35.6.
- Chandler, Robert M., to E. I. du Pont de Nemours and Co. Process for making woven felts. 2,825,958, 3-11-58, Cl. 28-72.
- Chandler, Roy L. Plow tail wheel construction. 2,842,038, 7-8-58, Cl. 97-26.
- Chandler, Roy L., and C. B. Ogle, Jr., to Atlas Scraper and Engineering Co. Two-way plow. 2,830,519, 4-15-58, Cl. 97-46.27.
- Chandler, Wesley M.: *See*—
Bast, Walter, Chandler, and Heuser. 2,834,089.
- Chandler, Wesley M., and R. G. Reichle, to Wilbert W. Haase Co. Dual burial vault structure. 2,822,685, 2-11-58, Cl. 72-7.
- Chandler, Wesley M., and P. F. Heuser, to Wilbert W. Haase Co. Core forms. 2,836,875, 6-3-58, Cl. 25-128.
- Chandler, William B.: *See*—
Woodie, Robert A., Howell, and Chandler. 2,834,735.
- Chaney, Donal W., to Convertto Mfg. Co., Inc. Truck dumping apparatus. 2,842,398, 7-8-58, Cl. 298-22.
- Chaney, John L. Darkroom thermometer. 2,837,919, 6-10-58, Cl. 73-374.
- Chang, Nai C., and R. E. Langlois, to A. B. Carter, Inc. Method and apparatus for bonding yarns and threads. 2,863,492, 12-9-58, Cl. 154-1.7.
- Chang, Richard C.: *See*—
Grillot, Gerald F., and Chang. 2,855,435.
- Chang, Robert W. H.: *See*—
Barker, Norval G., and Chang. 2,851,482.
- Berry, Charles M., Chang, Le Bard, and Miller. 2,866,797.
- Chang, Sheldon S. L., to Robbins & Myers, Inc. Electric motor circuits. Re. 24,499, 7-8-58, Cl. 318-103.
- Chang, William J. H., to The Aetna-Standard Engineering Co. Flying hot saw. 2,836,880, 6-3-58, Cl. 29-69.
- Changewood Corp.: *See*—
Clark, James D. 2,835,622.
- Clark, James D. 2,845,662.
- Clark, James D. 2,849,038.
- Clark, James D. 2,863,476.
- Clark, James D., and Lambert. 2,862,291.
- Reed, Russell H. 2,840,865.
- Chanlund, Carl W.: *See*—
Hubbard, Stephen R., and Chanlund. 2,822,989.
- Jessen, George R., and Chanlund. 2,840,880.
- Chanlund, Carl W., and S. R. Hubbard, to Cen-Vi-Ro Pipe Corp. Pipe mold vibrator. 2,822,598, 2-11-58, Cl. 25-30.
- Channel Master Patent Corp.: *See*—
Lo, Yuen Tze. 2,821,711.
- Chanslor, Hal. Child's food dish. 2,861,367, 11-25-58, Cl. 40-70.
- Chantland, Gilbert S. Gravity carburetor. 2,831,472, 4-22-58, Cl. 123-123.
- Chao, Stanley K. S., and H. F. Stoddart, to Baird-Atomic, Inc. Radiation detector. 2,861,191, 11-18-58, Cl. 250-83.6.
- Chao, Tasi H., H. Z. Lecher, and R. A. Greenwood, to American Cyanamid Co. Preparation of arylphosphonic acids. 2,847,458, 8-12-58, Cl. 260-500.
- Chapek, Henry T., and H. S. Lowry, Jr. Dual circuit signal control. 2,862,662, 12-2-58, Cl. 235-92.
- Chapek, Henry T., and H. S. Lowry, Jr., to United States of America, Air Force. Dual circuit signal control. 2,862,663, 12-2-58, Cl. 235-92.
- Chapel, Glen R., to Grand Sheet Metal Products Co. Muffler. 2,855,068, 10-7-58, Cl. 181-42.
- Chapellier, Robert A., to Combustion Engineering, Inc. Automatic coupling or latching mechanism. 2,840,398, 6-24-58, Cl. 287-20.5.
- Chapellier, Robert A., and E. E. Tangard, to Combustion Engineering, Inc. Closure for pressure vessels. 2,821,325, 1-28-58, Cl. 220-46.
- Chapin, Bernard L., and R. H. Alper, to New England Carbide Tool Co., Inc. Masonry drills. 2,856,157, 10-14-58, Cl. 255-69.
- Chapin, Bryan W. Expandable chamber apparatus. 2,863,602, 12-9-58, Cl. 230-175.
- Chapin, Earl C., to Monsanto Chemical Co. Modified alkylid resins. 2,862,898, 12-2-58, Cl. 260-22.
- Chapin, Earl C., and R. F. Smith, to Monsanto Chemical Co. Terpolymer systems containing lactone groups. 2,855,388, 10-7-58, Cl. 260-78.5.
- Chapin, Howard R., and F. E. Kintanar, to Sears, Roebuck and Co. Spinning type fishing reel. 2,863,617, 12-9-58, Cl. 242-84.21.
- Chapin, Reynold S. Object detectors. 2,826,753, 3-11-58, Cl. 340-258.
- Chapin, William S. Jr., to Manning, Maxwell & Moore, Inc. Jib crane kit. 2,849,205, 8-26-58, Cl. 248-282.
- Chapla, Steve J., to Gadget-Of-The-Month Club, Inc. Fireplace box. 2,843,109, 7-15-58, Cl. 126-165.
- Chaplin, Charles J., to Chaplin Corp. Pulp forming die. 2,829,568, 4-8-58, Cl. 92-57.
- Chaplin, Charles J., to Chaplin Corp. Self-kindling fuel package. 2,834,661, 5-13-58, Cl. 44-40.
- Chaplin Corp.: *See*—
Chaplin, Charles J. 2,829,568.
- Chaplin, Charles J. 2,834,661.
- Chaplin, Oliver F., to Crown Zellerbach Corp. Napkin dispenser. 2,831,602, 4-22-58, Cl. 221-59.
- Chaplin, Oliver F., and J. C. Berney, to Crown Zellerbach Corp. Stacker and delivery mechanism for paper products and the like. 2,852,989, 9-23-58, Cl. 93-93.
- Chapman, Arthur B., to Morgan Co. of Wisconsin. Hollow core flush door. 2,860,388, 11-18-58, Cl. 20-35.
- Chapman, Aurelius P., to E. I. du Pont de Nemours and Co. Thermoplastic polymeric films. 2,824,024, 2-18-58, Cl. 117-76.
- Chapman, Charles C.: *See*—
Dixon, Roland E., and Chapman. 2,820,073.
- Chapman, Charles W., to Compression Ignition Ltd. Flexible couplings. 2,837,901, 6-10-58, Cl. 64-12.
- Chapman Chemical Co.: *See*—
Webb, James L. A. 2,823,159.
- Chapman, David, to Hankcraft Co. Bottle warmer. 2,836,700, 5-27-58, Cl. 219-43.
- Chapman, Edward B.: *See*—
Palmer, Ralph L., Haddad, Fernekees, and Chapman. 2,854,654.
- Chapman, Edward C., to Combustion Engineering, Inc. Method of welding. 2,835,966, 5-27-58, Cl. 29-470.5.
- Chapman, Edward P., Jr.: *See*—
Wood, John A., and Chapman. 2,846,327.
- Chapman, Edward P., Jr., and J. A. Wood, to V. F. Taylor, Jr. Concrete and cement. 2,837,436, 6-3-58, Cl. 106-97.
- Chapman, Frederick W.: *See*—
Martin, Edward J., and Chapman. 2,861,234.
- Chapman, Gale H., and L. B. Durant, 50% to Mississippi Towing Corp., and 50% to Alexander Shipyard, Inc. Barge construction. 2,840,027, 6-24-58, Cl. 114-73.
- Chapman, Galen O., 1/2 to T. H. Liebenberg. Temperature responsive switch unit. 2,829,220, 4-1-58, Cl. 200-137.
- Chapman, George L., to Clarostat Mfg. Co., Inc. Switch. 2,849,558, 8-26-58, Cl. 200-67.
- Chapman, Gilbert E., to General Motors Corp. Axial flow compressor. 2,837,270, 6-3-58, Cl. 230-115.
- Chapman, Harold E. Device to obtain access to ice bound water supply. 2,838,196, 6-10-58, Cl. 220-1.
- Chapman, Harvey G., Jr., to The Garrett Corp. Remote control manipulating apparatus. 2,858,947, 11-4-58, Cl. 214-1.
- Chapman, Harvey W., and H. L. Dunlap, to Evans Products Co. Freight loading apparatus. 2,834,304, 5-13-58, Cl. 105-369.
- Chapman, James E., and W. G. Johnston, to the Garrett Corp. Ammunition booster with torque limiting device. 2,843,021, 7-15-58, Cl. 89-33.
- Chapman, James R., to Reynolds Metals Co. Overwrapped cigarette carton. 2,866,590, 12-30-58, Cl. 229-51.
- Chapman, John G.: *See*—
Oki, Richard K., Blakeslee, and Chapman. 2,826,003.

- Chapman, Joseph E. G., H. J. Dixon, F. A. Harwood, and F. P. Hartman, to British Insulated Callender's Cables Ltd. Shielded electrical connector. 2,827,618, 3-18-58, Cl. 339-143.
- Chapman, Paul R.: *See*—
Manteuffel, Allan, Chapman, and Cook. 2,851,422.
- Chapman, Paul R., A. A. Manteuffel, and G. Wolfram, to The Pure Oil Co. Stabilized extreme pressure lubricant. 2,820,013, 1-14-58, Cl. 252-46.7.
- Chapman, Paul R., and A. A. Manteuffel, to The Pure Oil Co. Extreme pressure gear lubricant. 2,830,024, 4-8-58, Cl. 252-46.7.
- Chapman, Richard F., to International Telephone and Telegraph Corp. Display arrangement for direction finders. 2,825,901, 3-4-58, Cl. 343-118.
- Chapman, Ronald W.: *See*—
Eastman, Du Bois, Dille, and Chapman. 2,865,864.
- Chapman Valve and Mfg. Co.: *See*—
Nickerson, Elmer K. and Steele. 2,834,569.
- Chapman Valve Mfg. Co., The: *See*—
Low, Sidney. 2,851,387.
- Chapman, William I., to Chrysler Corp. Pressurized manometer. 2,849,883, 9-2-58, Cl. 73-401.
- Chapouille, Pierre F. L.: *See*—
Raymond, François H., Chapouille, and Martin. 2,831,107.
- Chappel, Herbert E., H. G. Waldoek, and R. T. M. Forman, to Power Jets (Research and Development) Ltd. Governing system for gas turbine plant. 2,836,035, 5-27-58, Cl. 60-39.27.
- Chapple, Charles C.: *See*—
Strauss, William A., Jr. 2,836,180.
- Chapple, Kenneth H., to Link Aviation, Inc. Potentiometer. 2,861,157, 11-18-58, Cl. 201-48.
- Chapron, Stanley J. Tent frame. 2,827,065, 3-18-58, Cl. 135-1.
- Charbonnages de France: *See*—
Raineau, André A. 2,851,397.
- Charbonneaux, Wilson A. Fluorescent lamp lighting circuits. 2,842,715, 7-8-58, Cl. 315-184.
- Charbonneaux, Wilson A. Fluorescent lighting fixtures. 2,848,599, 8-19-58, Cl. 240-51.11.
- Charbonnier, Roger, to Rochar Electronique. High voltage direct current generators. 2,856,575, 10-14-58, Cl. 321-15.
- Charet, Murray J.: *See*—
Cooper, Benjamin, and Charet. 2,826,840.
- Charewicz, Francis J., and S. R. Smith, to General Electric Co. Load break device. 2,834,856, 5-13-58, Cl. 200-158.
- Char-Gale Mfg. Co.: *See*—
Bratsch, Jesse G. 2,866,481.
- Charlat, Arnold S., to Howe & Fant, Inc. Positioning table. 2,827,808, 3-25-58, Cl. 77-64.
- Charlat, Arnold S., to Howe & Fant, Inc. Power-transmitting device. 2,866,530, 12-30-58, Cl. 192-67.
- Charles, Daniel, to Compagnie Generale de Telegraphie Sans Fil. Electron sources. 2,825,838, 3-4-58, Cl. 313-149.
- Charles, Ernest: *See*—
Maze-Sancier, Alphonse M. E. J., Charles, and Frels. 2,828,249.
- Charles, George K.: *See*—
Robertson, George M., and Charles. 2,845,857.
- Charles, Glen W.: *See*—
Lesar, Albert R., and Charles. 2,865,772.
- Charles, Inc.: *See*—
Beaudry, John R. 2,818,871.
- Charles, James A.: *See*—
Bannister, Leonard C., Chater, and Charles. 2,819,160.
- Charles, Malcolm J.: *See*—
Gibbs, William D., Charles, and Fowler. 2,855,480.
- Charles of the Ritz Inc.: *See*—
Wright, Arthur. 2,834,048.
- Charles, Paul D. Nursing bottle holder. 2,841,349, 7-1-58, Cl. 248-104.
- Charlesby, Arthur, and M. Ross, to United States of America, Atomic Energy Commission. Formation by irradiation of an expanded, cellular, polymeric body. 2,862,862, 12-2-58, Cl. 204-158.
- Charlesworth, Percy A. Electrolytic treatment of metals and alloys. 2,820,750, 1-21-58, Cl. 204-140.5.
- Charlesworth, Robert K.: *See*—
Shreve, Randolph N., and Charlesworth. 2,863,859.
- Charley, Walter G.: *See*—
Tanke, Willard H., and Charley. 2,842,040.
- Charlick, Dorothy C. Handle for shopping bags. 2,846,714, 8-12-58, Cl. 16-114.
- Charlop, Herbert, and A. P. Shepard, to Metallizing Engineering Co. Inc. Valve arrangement for heat-fusible material spray guns. 2,820,670, 1-21-58, Cl. 299-28.7.
- Charlotte, Hubert F. Method of making cathode ray tube screen. 2,825,184, 3-4-58, Cl. 49-81.
- Charlson, Lynn L. Fluid pressure device and valve. 2,821,171, 1-28-58, Cl. 121-39.
- Charlton, Frank S.: *See*—
Rumberger, George G., and Charlton. 2,823,172.
- Charlton, Harry H., to Reynolds Metals Co. Apparatus for making serpentine tube heat exchanger by twisting one or more runs. 2,851,082, 9-9-58, Cl. 153-78.
- Charlton, Henry E., to Refinery Equipment & Specialty Co. Ltd. Fluid-control valves. 2,846,182, 8-5-58, Cl. 251-318.
- Charlton, Malcolm, to American-Marietta Co. Enamel composition and electrical conductor coated therewith. 2,864,785, 12-16-58, Cl. 260-43.
- Char-Lynn Co.: *See*—
Albers, Kenneth A. 2,844,391.
- Charman, Frederick J. H., to Electric & Musical Industries Ltd. Slot aeriels. 2,820,220, 1-14-58, Cl. 343-749.
- Charman, Walter M., and B. F. Anthony, to Oglebay Norton Co. Hot top for ingot molds. 2,833,008, 5-6-58, Cl. 22-147.
- Charnwood Engineering Co. Ltd., The: *See*—
Gell, Dennis. 2,856,762.
- Charschan, Sidney S., to Western Electric Co., Inc. Flash removing tool. 2,828,530, 4-1-58, Cl. 29-103.
- Charvat, Robert A. Flashing light wheeled toy. 2,820,327, 1-21-58, Cl. 46-230.
- Chase, Allen T.: *See*—
McMichael, Palmer L., and Chase. 2,834,465.
- Chase Bag Co.: *See*—
Clymer, Dewey M. 2,846,964.
Cramer, Joseph D. 2,824,534.
Dennie, Harry E. 2,831,610.
- Chase Chemical shr cm
Baron, Abraham L., and Maxion. 2,861,025.
- Chase, Corson W.: *See*—
Tyma, Louis S., Gvozdiak, and Chase. 2,825,944.
- Chase, Earle M.: *See*—
Peptone, Vincent, and Chase. 2,824,675.
- Chase, Fletcher A., and S. Lee, to American Home Products Corp. Method of improving the flavor of soluble solid coffee extract. 2,826,504, 3-11-58, Cl. 99-71.
- Chase, Fletcher A., and S. Lee, to American Home Products Corp. Wet-roasting of green coffee. 2,833,653, 5-6-58, Cl. 99-71.
- Chase, George O., and W. Kimel, to Hoffmann-La Roche Inc. Hydrogenated ketones and their preparation. 2,849,490, 8-26-58, Cl. 260-586.
- Chase, Harold M., and A. L. Corpening, to Dan River Mills, Inc. Diazotizing aryl amines. 2,825,724, 3-4-58, Cl. 260-141.
- Chase, Herbert S., to Bernard Cahn Co., Inc. Wallet and detachable pouch combination. 2,860,680, 11-18-58, Cl. 150-35.
- Chase, Hillis L. Grease pump. 2,853,211, 9-23-58, Cl. 222-255.
- Chase, Hubert H.: *See*—
Updegraff, David M., and Chase. 2,861,921.
- Chase, John A.: *See*—
Pilas, Frank J., Wolke, and Chase. 2,831,239.
- Chase, John A., F. J. Pilas and R. K. Wolke, to Radio Corp. of America. Apparatus for automatically mounting spacer plates in electrode assemblies. 2,831,238, 4-22-58, Cl. 29-25.19.
- Chase, John A., F. J. Pilas, R. K. Wolke, and D. Battstone, to Radio Corp. of America. Apparatus for and method of automatic assembly of electron tube parts to form an electrode cage. 2,842,832, 7-15-58, Cl. 29-25.13.
- Chase, John A., and R. W. Green, to Radio Corp. of America. Apparatus for automatically loading material into a magazine. 2,855,737, 10-14-58, Cl. 53-59.
- Chase, John S. Catheterizing endoscope. 2,821,190, 1-28-58, Cl. 128-6.
- Chase, Joseph T.: *See*—
Wozniak, Mitchell S. 2,825,123.
- Chase, Lewis J., to The World Color Printing Co. Work-turning machine. 2,823,788, 2-18-58, Cl. 198-33.
- Chase, Richard R., and J. C. Bowers, to Union-Bag-Camp Paper Corp. Separating non-acids from soap stocks. 2,866,781, 12-30-58, Cl. 260-97.7.
- Chase-Shawmut Co., The: *See*—
Edsall, William S. 2,823,338.
Jacobs, Philip C., Jr. 2,833,890.
Kozacka, Frederick J. 2,826,660.
Kozacka, Frederick J. 2,832,868.
Kozacka, Frederick J. 2,847,537.
Kozacka, Frederick J. 2,856,483.
Kozacka, Frederick J. 2,866,038.
Swain, Kenneth W. 2,861,150.
Swain, Kenneth W. 2,863,967.
Swain, Kenneth W., and Jacobs. 2,866,875.
- Chasnoff, Jack M.: *See*—
Olmer, Francois J., and J. and J. M. Chasnoff. 2,849,550.
- Chasnoff, Jules: *See*—
Olmer, Francois J., and J. and J. M. Chasnoff. 2,849,550.
- Chass, Jacob, to Radio Corp. of America. Synchronized low frequency sawtooth current wave generating circuits. 2,841,744, 7-1-58, Cl. 315-27.
- Chasser, Ernest C., to The Akron Gear and Engineering Co. Hydraulic ram. 2,851,011, 9-9-58, Cl. 121-46.
- Chastain, Hartley E., and R. B. Monroe. Bin and truck refuse disposal device. 2,823,818, 2-18-58, Cl. 214-518.
- Chastain, Joe. Counterbalance means for unequal reciprocating loads. 2,841,992, 7-8-58, Cl. 74-41.
- Chasworth, David. Mail box. 2,841,327, 7-1-58, Cl. 232-39.
- Chatelin, Bernard: *See*—
Lichtenberger, Robert, Borrel, and Chatelin. 2,820,812.
- Chater, William J. B.: *See*—
Bannister, Leonard C., Chater, and Charles. 2,819,160.
- Chatfield, Henry B. Transfer device. 2,851,979, 9-16-58, Cl. 113-38.

- Chatham, George N., and O. O. Shurtleff. Valve unit. 2,823,691, 2-18-58, Cl. 137-119.
- Chattanooga Boiler & Tank Co.: *See*—
Brown, Justin W. 2,853,105.
- Chatten, Clarence, and S. A. Eller, to United States of America, Navy. Relaxation testing apparatus. 2,831,341, 4-22-58, Cl. 73-94.
- Chatten, Victor H., $\frac{1}{2}$ to T. Ono. Plant-watering device. 2,837,869, 6-10-58, Cl. 47-48.5.
- Chatterton, Ernest E., to D. Napier & Son Ltd. Compound power plant. 2,819,765, 1-14-58, Cl. 170-135.74.
- Chattin, Robert C. Ditcher with divergent wings. 2,849,809, 9-2-58, Cl. 37-98.
- Chaussee, Francis P. Anti-skid device for vehicles. 2,865,471, 12-23-58, Cl. 188-1.
- Chauvin, David M.: *See*—
Fickett, Walter A., and Chauvin. 2,849,605.
- Chauvin, David M., and B. L. Harris, to Westinghouse Electric Corp. Method of obtaining audio feedback from a modulated R. F. amplifier. 2,858,511, 10-28-58, Cl. 332-37.
- Chavannes, Marc A. Fabric and method of manufacture. 2,851,390, 9-9-58, Cl. 154-125.
- Chave, Keith E.: *See*—
Worthington, Albert E., Walters, and Chave. 2,847,368.
- Chaves, John. Button device. 2,825,951, 3-11-58, Cl. 24-106.
- Chaves, John. Fastening device to receive a facing button. 2,843,903, 7-22-58, Cl. 24-107.
- Chavis, George D., and H. O. Snow. Driving linkage. 2,852,955, 9-23-58, Cl. 74-422.
- Chayen, Israel H., to C. C. D. Processes (N. Y.), Ltd. Recovery of fat from fat containing material. 2,828,018, 3-25-58, Cl. 210-152.
- Chayes Dental Instrument Corp.: *See*—
Page, Richard W. 2,824,370.
- Chayka, Joseph P., to Detroit Broach & Machine Co. Drive means for broaching machines and the like. 2,841,025, 7-1-58, Cl. 74-409.
- Chayne, Charles A., and M. A. Thorne, to General Motors Corp. Torsion spring rear suspension. 2,840,368, 6-24-58, Cl. 267-57.
- Chayne, Charles A., and V. D. Polhemus, to General Motors Corp. Combined wheel hop damper and air spring suspension. 2,865,651, 12-23-58, Cl. 280-124.
- Cheatle, Wilfred R., to Sylvania Electric Products Inc. Wire coiling machine with vibrating coiling die. 2,841,201, 7-1-58, Cl. 153-66.
- Cheatum, Leo G., to Deere Mfg. Co. Clutch. 2,822,904, 2-11-58, Cl. 192-26.
- Chechak, Jonas J., and J. E. Jones, to Eastman Kodak Co. Supersensitization with bis-heterocyclic bases. 2,848,329, 8-19-58, Cl. 96-104.
- Chechak, Jonas J., J. Sagal, Jr., and A. C. Smith, Jr., to Eastman Kodak Co. Photographic emulsions sensitized with sulfonium salts and alkylene oxide polymers. 2,848,330, 8-19-58, Cl. 96-107.
- Check, Mathias M., and R. W. Schmid, to The Yale & Towne Mfg. Co. Anti-rap knob retainer. 2,850,313, 9-2-58, Cl. 292-352.
- Chedal, Paulette: *See*—
Regnault, Henri V. L. 2,822,863.
- Cheek, Tolbert F. Power pneumatic. 2,824,477, 2-25-58, Cl. 84-28.
- Cheever, Ernest C., to The Fellows Gear Shaper Co. Semi-automatic gear testing mechanism. 2,854,760, 10-7-58, Cl. 33-179.5.
- Cheiten, Samuel S. Pressure device. 2,844,826, 7-29-58, Cl. 4-257.
- Chellemi, James, and A. V. Padrone. Worn brake lining buzzer. 2,835,757, 5-20-58, Cl. 200-61.4.
- Chellev, Norman R.: *See*—
Feder, Harold M., and Chellev. 2,822,260.
- Chellis, Fred F., and E. S. Kant, to United Shoe Machinery Corp. Fluid motors for fastener inserting devices. 2,826,176, 3-11-58, Cl. 121-13.
- Chelmo, Leon A.: *See*—
Highland, Olaf, and Chelmo. 2,820,347.
- Chelminski, Roman, to Knowles Associates. Flexible drive. 2,837,215, 6-3-58, Cl. 210-531.
- Chemac Co., The: *See*—
Fein, Ely. 2,840,562.
- Chemerda, John M.: *See*—
Chamberlin, Earl M., and Chemerda. 2,840,572.
Chamberlin, Earl M., and Chemerda. 2,852,536.
Chamberlin, Earl M., and Chemerda. 2,854,451.
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- Chemerda, John M., to Merck & Co., Inc. $\Delta^8(9)$ -7-keto-11-bromo-steroids and the processes of preparing them. 2,860,134, 11-11-58, Cl. 260-239.55.
- Chemerda, John M., E. M. Chamberlin, and E. W. Tristram, to Merck & Co., Inc. 5-halo-17(20)-bisocholesterol compounds and process for preparing same. 2,833,790, 5-6-58, Cl. 260-397.4.
- Chemerda, John M., E. M. Chamberlin, and E. W. Tristram, to Merck & Co., Inc. Preparation of 5-pregnen-3, 17 α -diol-20-one. 2,833,791, 5-6-58, Cl. 260-397.4.
- Chemerda, John M., E. M. Chamberlin, and E. W. Tristram, to Merck & Co., Inc. Preparation of 4-pregnen-17 α -ol-3, 20-dione. 2,833,796, 5-6-58, Cl. 260-397.47.
- Chemerda, John M., and T. A. Jacob, to Merck & Co., Inc. Halogenation process for converting Δ^7 -allosteroids to Δ^7 , 9(11)-allosteroids. 2,837,515, 6-3-58, Cl. 260-239.55.
- Chemerda, John M., and W. V. Ruyle, to Merck & Co., Inc. Process for producing Δ^2 -3-hydroxy steroids. 2,840,574, 6-24-58, Cl. 260-397.2.
- Chemical Construction Corp.: *See*—
Allen, Louis N., Jr. 2,838(376).
Christensen, Axel, and Rayfiel. 2,853,371.
Fuchs, Warren J., Roberts, and Rayfiel. 2,866,321.
Gnaedinger, Robert J. 2,865,177.
Kaufman, John K., and Roy. 2,838,391.
Mandelik, Bernard G. 2,860,035.
Pan, Lichi. 2,866,681.
Schaufelberger, Felix A. 2,837,406.
Schaufelberger, Felix A. 2,845,333.
Schaufelberger, Felix A. 2,853,374.
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- Chemical Corn Exchange Bank: *See*—
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- Chemical Process Co.: *See*—
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Abrams, Irving M. 2,855,371.
- Chemical Products Corp.: *See*—
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- Chemical Research Corp.: *See*—
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- Chemie Grunenthal G. m. b. H.: *See*—
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- Cheminol Corp.: *See*—
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- Chemipulp Process, Inc.: *See*—
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- Chemirad Corp.: *See*—
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- Chemische Fabrik Promonta G. m. b. H.: *See*—
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- Chemische Werke Albert: *See*—
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Reese, Johannes. 2,839,494.
Schlenker, Felix. 2,837,493.
- Chemische Werke Huls Aktiengesellschaft: *See*—
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Dietrich, Wilhelm, Wetter, and Mertens. 2,843,546.
Fries, Friedrich A. 2,830,929.
Haberl, Karl, Jahnentz, and Hilgert. 2,822,062.
Meister, Herbert. 2,822,372.
Meister, Herbert. 2,831,007.
Roh, Nikolaus, Broich, and Harms. 2,831,040.
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- Chem-Metals, Inc.: *See*—
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- Chemo Puro Mfg. Corp.: *See*—
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- Chempatents, Inc.: *See*—
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- Chemstrand Corp., The: *See*—
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Capps, David B. 2,850,479.
Craig, Alfred B., and Ringwald. 2,841,568.
De Witt, Hobson D. 2,861,970.
De Witt, Hobson D., and Beindorff. 2,861,969.
Easley, William K., Lawson, and Ballentine. 2,857,363.
Ham, George E. 2,849,483.
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Jenkins, Lloyd T., and Campbell. 2,850,472.
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Stehman, Carlyle J., and Hieserman. 2,829,160.
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- Chen, Gilmore: *See*—
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- Chen, Paul C., to American Wheelabrator & Equipment Corp. Method of making steel shot. 2,863,790, 12-9-58, Cl. 148-3.
- Chen, Simon K.: *See*—
Gilmore, Loren D., and Chen. 2,833,190.
- Chen, Tze-Ning, to Selas Corp. of America. Unit heater 2,838,042, 6-10-58, Cl. 126-110.
- Chenault, Roy L., to United States Steel Corp. Hydraulic governor. 2,865,397, 12-23-58, Cl. 137-504.
- Chenette, Joseph C. Measuring dispenser for medicine dropper. 2,836,329, 5-27-58, Cl. 222-207.
- Chenette, Joseph E. Ball and socket hitch locking means. 2,834,611, 5-13-58, Cl. 280-511.
- Cheney, Charles W. Worm geared band clips. 2,828,524, 4-1-58, Cl. 24-274.
- Cheney, Donald E., and G. C. Motsinger, to Reliable Electric Co. Splice sleeve. 2,839,596, 6-17-58, Cl. 174-92.
- Cheney, Lee C., to Bristol Laboratories Inc. Antibiotic compounds. 2,854,450, 9-30-58, Cl. 260-239.1.
- Cheney, Lee C., and W. J. Gottstein, to Bristol Laboratories Inc. Benzyl-pencillate of tetracycline. 2,824,877, 2-25-58, Cl. 260-306.7.

- Cheney, William O., to Pacific Gas and Electric Co. Diverting fish air bubble screen. 2,860,600, 11-18-58, Cl. 119-3.
- Cheng, Chia T. Anti-toxic tobacco smoking device. 2,830,598, 4-15-58, Cl. 131-194.
- Cheng, Jen-Pu: See—
De Groote, Melvin, and Cheng. 2,819,278.
De Groote, Melvin, and Cheng. 2,828,323.
De Groote, Melvin, Shen, and Cheng. 2,854,461.
- Cheng, Theodore: See—
Clark, William R., McAdam, and Cheng. 2,846,629.
- Chenick, Joseph A.: See—
Thompson, Ralph B., and Chenick. 2,846,461.
- Chenick, Joseph A., to Universal Oil Products Co. Composition of matter. 2,831,030, 4-15-58, Cl. 260-609.
- Chenick, Joseph A., to Universal Oil Products Co. Stabilization of organic compounds. 2,843,495, 7-15-58, Cl. 99-163.
- Chenick, Joseph A., to Universal Oil Products Co. Corrosion inhibitor. 2,848,114, 8-19-58, Cl. 252-32.5.
- Chenick, Joseph A., and H. S. Bloch, to Universal Oil Products Co. Method of sulfonation with a sulfur trioxide addition product. 2,854,476, 9-30-58, Cl. 260-505.
- Chenick, Joseph A., to Universal Oil Products Co. Stabilization of fatty materials. 2,856,293, 10-14-58, Cl. 99-163.
- Chenoweth, Buhl, Jr.: See—
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- Chenus, Pierre J. C., to Compagnie des Machines Bull (Societe Anonyme). Printing control apparatus. 2,835,443, 5-20-58, Cl. 235-61.9.
- Chenus, Pierre J. C., to Compagnie des Machines Bull (Societe Anonyme). Electronic adding device. 2,861,740, 11-25-58, Cl. 235-61.
- Cheranie, Andrew A., deceased, by T. G. Cheranie, administratrix. Pontoon wheels. 2,823,637, 2-18-58, Cl. 115-1.
- Cheranie, Andrew A., Marsh Buggies, Inc.: See—
Cheranie, Mark J. 2,841,454.
- Cheranie, Mark J., to Andrew A. Cheranie Marsh Buggies, Inc. Mounting and drive means for sprocket wheels. 2,841,454, 7-1-58, Cl. 308-15.
- Cheranie, Theresa G.: See—
Cheranie, Andrew A. 2,823,637.
- Cherkas, Max: See—
Adams, Howard R., and Cherkas. 2,853,421.
- Cherlow, Herman: See—
Thelin, Jack H., and Cherlow. 2,823,202.
- Cherlow, Herman, to American Cyanamid Co. Stabilization of sulfenamides. 2,863,867, 12-9-58, Cl. 260-247.1.
- Chermayeff, Ivan, to Masterstep Brushes, Inc. Brush holder and display device. 2,831,573, 4-22-58, Cl. 206-80.
- Cherniak, George S.: See—
Altfilisch, Michael D., Cherniak, Powers, and White. 2,821,084.
Altfilisch, Michael D., Cherniak, Powers, and White. 2,831,349.
Jones, William A., and Cherniak. 2,834,209.
- Chernivsky, Victor A. Baby support. 2,848,040, 8-19-58, Cl. 155-189.
- Cherones, William J., and L. A. Price, to Harnischfeger Corp. Control circuits. 2,846,640, 8-5-58, Cl. 322-59.
- Cheronis, Nicholas D., and A. Schatz. Use of chelating agents in fertilizers to enhance the growth of plant life. 2,828,182, 3-25-58, Cl. 23-27.
- Cheronnet, Jean, to Ste. Compteurs et Moteurs Aster. Liquid meter. 2,860,513, 11-18-58, Cl. 73-251.
- Cherouvrier, Robert E. Apparatus for viewing, reading and projecting microfilms and like documents. 2,819,648, 1-14-58, Cl. 88-24.
- Cherry-Burrell Corp.: See—
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Kummer, Theodore H., Tibbets, and Knapp. 2,822,911.
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- Cherry Electrical Products Corp.: See—
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- Cherry, Sidney J., and W. A. Gerard, to Westinghouse Electric Corp. Coaxial filament connector. 2,840,748, 6-24-58, Cl. 313-273.
- Cherry, Walter L., Jr., to Cherry Electrical Products Corp. Snap-action switch. 2,821,587, 1-28-58, Cl. 200-67.
- Cherry, Walter L., Jr. Aircraft drift indicator. 2,853,700, 9-23-58, Cl. 343-7.
- Cherry, William H., to Radio Corp. of America. Sampling apparatus. 2,824,172, 2-18-58, Cl. 179-15.
- Chervenka, George R., to Medart Lockers, Inc. Latching mechanisms. 2,835,523, 5-20-58, Cl. 292-80.
- Chervenka, George R., to Medart Lockers, Inc. Metal cabinet locking mechanism. 2,852,926, 9-23-58, Cl. 70-79.
- Cherwink, Homer E. Grader attachment for a tractor. 2,833,060, 5-6-58, Cl. 37-153.
- Chesapeake and Ohio Railway Co., The: See—
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- Chesbro, Ruth M.: See—
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- Chesebrough, James A.: See—
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- Chesebrough-Pond's Inc.: See—
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- Chesley, Robert R.: See—
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- Chesna, Gustave J., H. S. Kaweck, and J. A. Olivier, to General Motors Corp. Vehicle body-frame construction. 2,864,647, 12-16-58, Cl. 296-28.
- Chesney, Robert L., to F. A. Drosch, by way of mortgage. Sawhorse toggle clamp. 2,819,931, 1-14-58, Cl. 304-5.
- Chesnut, John D.: See—
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Spencer, Lloyd. 2,833,215.
- Chess, Frank S. Can opener. 2,825,965, 3-11-58, Cl. 30-6.1.
- Chessin, Hyman: See—
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- Chester, Allan E., and J. T. Irwin, said Chester assor. to Poor & Co. Acid picking of metals and compositions therefor. 2,831,814, 4-22-58, Cl. 252-148.
- Chester, Carroll W. Sun shield for automobiles. 2,831,725, 4-22-58, Cl. 296-97.
- Chester Corp.: See—
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- Chester, Martin H. Cervicotomy. 2,839,051, 6-17-58, Cl. 128-2.
- Chester Packaging Products Corp.: See—
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- Chester, William H., to Bendix Aviation Corp. Frequency error compensation in F. M. systems. 2,840,800, 6-24-58, Cl. 340-174.
- Chestnut, William C., to Skyway Luggage Co. Luggage carrier. 2,849,093, 8-26-58, Cl. 190-43.
- Chevalier, Georges E., to Mondiacolor. Photomechanical method for preparing multi-color mosaic carriers for additive color photography and cinematography. 2,864,700, 12-16-58, Cl. 96-35.
- Chevallaz, Henri, to Paillard S. A. Cinematographic cameras. 2,832,258, 4-29-58, Cl. 88-17.
- Chevillon, Manuel, and A. B. Riley, to Photogrammetry, Inc. Multi-purpose camera. 2,827,834, 3-25-58, Cl. 88-24.
- Chevrette, Louis. Non skid chain. 2,824,593, 2-25-58, Cl. 152-245.
- Cheyette, David A., and H. M. Zoerb, to Nordberg Mfg. Co. Pneumatic seal for gyratory crushers. 2,831,640, 4-22-58, Cl. 241-216.
- Chezem, Jimmie A. Bed cover retainer assembly. 2,838,770, 6-17-58, Cl. 5-326.
- Chiaia, Paolo. Machine for slotting screw blank heads by means of a reciprocating cutting tool. 2,822,556, 2-11-58, Cl. 10-6.
- Chiang, Peter T.: See—
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- Chiantelassa, Attilio. Mixing and dosage machine for two or more fluids. 2,848,139, 8-19-58, Cl. 222-26.
- Chiapella, W. J.: See—
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- Chiaramonte, Charles. Closure for non-refillable container. 2,828,054, 3-25-58, Cl. 222-479.
- Chiasson, Wilbert A., to Weltronic Co. Electric timer. 2,859,388, 11-4-58, Cl. 315-251.
- Chicago Aerial Industries, Inc.: See—
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- Chicago Bridge & Iron Co.: See—
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- Chicago Coin Machine Co.: See—
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- Chicago Eye Shield Co.: See—
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- Chicago Forging and Mfg. Co.: *See*—
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- Chicago Musical Instrument Co.: *See*—
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- Chicago Pneumatic Tool Co.: *See*—
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- Chicago Printed String Co.: *See*—
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- Chicago Railway Equipment Co.: *See*—
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- Chicago Rawhide Mfg. Co.: *See*—
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- Chicago Specialty Mfg. Co.: *See*—
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- Chicago Telephone Supply Corp.: *See*—
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- Chicago Transall Corp.: *See*—
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- Chichester, Kenneth J.: *See*—
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Brown, Forrest W., and Chichester. 2,819,085.
- Chick, Waldo W. Barbecue rack. 2,826,981, 3-18-58, Cl. 99—397.
- Chickamanga Cedar Co., Inc.: *See*—
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- Chicoine, Gordon E., H. B. Gunn, E. T. Mahoney, and D. B. John, to Johnson Fare Box Co. Parking lot control system. 2,842,876, 7-15-58, Cl. 39—1.
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- Chiesorin, Pietro. Apparatus for measuring the components of the cutting effort in turning and planing work. 2,829,516, 4-8-58, Cl. 73—133.
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- Chiksan Co.: *See*—
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- Child, Donald E. Golf practise device. 2,826,074, 3-11-58, Cl. 73—379.
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- Childers, Clifford W., and C. F. Fisk, to United States Rubber Co. Method of preparing rubber-and-resin compositions. 2,820,773, 1-21-58, Cl. 260—45.5.
- Childers, Spencer L., to The Vendo Co. Magazine for the storage of articles. 2,836,326, 5-27-58, Cl. 221—67.
- Childers, Spencer L., and W. B. Warren, to The Vendo Co. Coin rejection system. 2,822,074, 2-4-58, Cl. 194—2.
- Childers, Warren. Ink conditioning equipment for rotary lithographic press. 2,843,040, 7-15-58, Cl. 101—141.
- Childress, Hunter W. Hook and lure saver. 2,861,377, 11-25-58, Cl. 43—17.2.
- Childs, Henry B., to Underwood Corp. Typewriter support in carrying case. 2,861,385, 11-25-58, Cl. 45—68.2.
- Childs, John N., Jr. Apparatus for radio control of guided missiles. 2,826,378, 3-11-58, Cl. 244—14.
- Childs, Ray E. Electromagnetic pump for wells. 2,838,004, 6-10-58, Cl. 103—38.
- Childs, Robert S., to Bendix Aviation Corp. Capacitive-type fluid measuring apparatus. 2,824,449, 2-25-58, Cl. 73—304.
- Childs, Wayne R.: *See*—
Burns, Paul E., and Childs. 2,856,603.
- Chillemi, Joseph: *See*—
Torino, Henry, and Chillemi. 2,830,576.
- Chillson, Charles W.: *See*—
Hine, Edward K., and Chillson. 2,860,530.
- Chillon, Charles W., and E. K. Hine, to Curtiss-Wright Corp. Speed changer. 2,826,938, 3-18-58, Cl. 74—796.
- Chilman, John A., A. G. Mapp and J. Cripps, to Rotol Ltd. Polyphase alternating current systems. 2,828,427, 3-25-58, Cl. 307—57.
- Chilton, Alfred K.: *See*—
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- Chilton, Ernest G., and L. R. Handley, to Shell Development Co. Method and apparatus for lubricating pipe lines. 2,821,205, 1-28-58, Cl. 137—13.
- Chilton, George E., and R. E. West, to Sylvania Electric Products Inc. Continuous reading electronic micrometer. 2,850,645, 9-2-58, Cl. 250—232.
- China, Frederick J. E. Colloid mill. 2,833,483, 5-6-58, Cl. 241—37.
- Chinchole, Henri A. Dispensing apparatus. 2,843,294, 7-15-58, Cl. 222—162.
- Chinoion Gyogyszer-es Vegyeszeti Termekék Gyara Reszvenytarsasag: *See*—
Kollonitsche, János, and Fuchs. 2,839,577.
- Chiopeas, Harry, and V. Gravano. Automobile driver's headrest. 2,831,530, 4-22-58, Cl. 155—177.
- Chipman Chemical Co., Inc.: *See*—
Harris, Linden E., Hall, Seibert, and Bales. 2,847,293.
- Chipman, Harold R.: *See*—
Martin, Lothar, Chipman, and Gates. 2,859,246.
- Chippendale, Thomas R., and P. Bramham, to North American Philips Co., Inc. Waveguide hybrid ring. 2,854,638, 9-30-58, Cl. 333—11.
- Chisena, Ernest F. Cutting implements for electric cables. 2,830,366, 4-15-58, Cl. 30—91.
- Chisholm, Douglas S., and D. F. Hall, to The Dow Chemical Co. Method of producing titanium. 2,840,465, 6-24-58, Cl. 75—84.5.
- Chisholm, Douglas S., and D. F. Hall, to The Dow Chemical Co. Method of and apparatus for reacting magnesium with a volatile metal halide. 2,861,791, 11-25-58, Cl. 266—9.
- Chisholm, Gordon R. Wall board securing cleat. 2,848,758, 8-26-58, Cl. 20—4.
- Chisholm, Hamilton C., to Beckman Instruments, Inc. Transistorized indicating decade counter. 2,843,320, 7-15-58, Cl. 235—92.
- Chisholm, Homer A., 1/2 to C. A. Palmer. Electric outlet box attachment. 2,842,281, 7-8-58, Cl. 220—3.6.
- Chisholm, Raymond S.: *See*—
Allen, Edward M., and Chisholm. 2,865,777.
- Chisholm-Ryder Co., Inc.: *See*—
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- Chiti, Walter, and R. Selli, to "Ibis" Istituto Biochimico Sperimentale S. p. A. Process for preparing 5,5'-diethyl-1,3-bis-(beta-dimethylaminoethyl)-malonyl ureas and quaternary ammonium salts thereof. 2,842,547, 7-8-58, Cl. 260—256.4.
- Chittenden, George E.: *See*—
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Levetus, Francis B., Chittenden, and Lee. 2,841,168.
- Chittenden, Nigel G.: *See*—
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- Chittum, Jack O., and F. S. Fitzgerald. Handle and latch operating means for doors. 2,844,020, 7-22-58, Cl. 70—97.
- Chittum, Joseph F., to California Research Corp. Tubular resistance coupon. 2,848,682, 8-19-58, Cl. 324—65.

- Chittum, Joseph F., and J. B. Armstrong, to California Research Corp. Resistance type corrosion probe for pipes. 2,856,495, 10-14-58, Cl. 201-63.
- Chitty, Michael W. G., to Canadian Marconi Co. Photocell circuit control arrangement. 2,837,719, 6-10-58, Cl. 317-124.
- Chivens, Clyde C., and K. Q. Fields, to Schlumberger Well Surveying Corp. Release mechanism for a pack-off shoe. 2,851,107, 9-9-58, Cl. 166-100.
- Chivers, James R., to Westinghouse Electric Corp. Toaster apparatus. 2,865,281, 12-23-58, Cl. 99-339.
- Chiyoda Kogaku Seiko Kabushiki Kaisha: See—Kobayashi, Tatsuo, and Ikeda. 2,859,675.
- Chlavin, Alvin, to Hughes Aircraft Co. Beam forming antenna. 2,846,679, 8-5-58, Cl. 343-775.
- Chloride Electrical Storage Co. Ltd., The: See—Walsh, Stanley. 2,860,969.
- Chlouba, Adolf: See—Styner, Fritz, and Chlouba. 2,858,067.
- Choate, James R., to Riverside Mfg. Co., Inc. Combination paperboard berry box and snap lid therefor. 2,859,905, 11-11-58, Cl. 229-16.
- Chodorow, Marvin, to Varian Associates. Electron discharge device. 2,836,758, 5-27-58, Cl. 315-3.6.
- Chodorow, Marvin, to The Board of Trustees of the Leland Stanford Jr., University. Particle accelerator. 2,842,705, 7-8-58, Cl. 315-5.42.
- Chohamin, John M. Seed carrier unit. 2,826,865, 3-18-58, Cl. 47-56.
- Cholger, Alvin. Holding tool. 2,854,741, 10-7-58, Cl. 29-271.
- Chollet, Raymond A.: See—Sourgens, Roger P., and Chollet. 2,835,829.
- Chombard, Pierre A., to Etat Français, represented by the Secretary of State/or Armed Forces (Air). Suspension for a vertical-indicating gyroscope. 2,846,887, 8-12-58, Cl. 74-5.2.
- Chondzinski, Edward J.: See—Parsons, Henry C., Dreisbach, and Chondzinski. 2,858,802.
- Chope, Henry R., to Industrial Nucleonics Corp. Standardization system. 2,829,268, 4-1-58, Cl. 250-83.6.
- Choporis, Peter N. Cover assembly for swimming pools. 2,848,722, 8-26-58, Cl. 4-172.
- Chorkey, William J.: See—Claus, Julius A., Jr., and Chorkey. 2,820,276.
- Chorley, Richard A.: See—Orloff, George, Elmer, and Chorley. 2,821,068.
- Chornock, Francis W.: See—Zinn, Eli, and Chornock. 2,834,711.
- Choudhury, Shafi-Uddin A., to The British Thomson-Houston Co. Ltd. Operation of dynamo-electric machines in mutual synchronism. 2,833,973, 5-6-58, Cl. 318-44.
- Choudhury, Shafi-Uddin A., to The British Thomson-Houston Co. Ltd. Power type selsyn operation of plural dynamo-electric machines. 2,853,665, 9-23-58, Cl. 318-44.
- Choudhury, Shafi-Uddin A., to The British Thomson-Houston Co. Ltd. Dynamic braking of dynamo electric machines. 2,858,494, 10-28-58, Cl. 318-212.
- Choudhury, Shafi-Uddin A., to The British Thomson-Houston Co. Ltd. Operation of dynamo-electric machines in mutual synchronism. 2,864,041, 12-9-58, Cl. 318-24.
- Choudhury, Shafi-Uddin A., to The British Thomson-Houston Co. Ltd. Single phase power selsyn drive. 2,864,045, 12-9-58, Cl. 318-44.
- Chouinard, Alfred F., and E. P. Spencer to National Cylinder Gas Co. Adjuvant powder control for flame cutting. 2,840,016, 6-24-58, Cl. 110-22.
- Chouinard, Joseph H. Reversible sulky for power lawn mower. 2,828,827, 4-1-58, Cl. 180-12.
- Chouings, Leslie C., and E. G. Warne, to Automotive Products Co. Ltd. Operating mechanism for disc brakes. 2,820,530, 1-21-58, Cl. 188-73.
- Chovin, Paul: See—Mouren, Henri, and Chovin. 2,824,899.
- Chow, Ho: See—Plonsky, Seymour, Chow, and Schneider. 2,844,731.
- Chow, Ho. Linkage joints. 2,828,984, 4-1-58, Cl. 287-90.
- Chow, Weichen: See—Best, Cleafe A., Jr., and Chow. 2,854,660.
- Chow, Woo F., to General Electric Co. Transistor tetrode amplifier AGC system. 2,826,647, 3-11-58, Cl. 179-171.
- Chow, Woo F., to General Electric Co. Superregenerative detector circuit using transistors. 2,863,995, 12-9-58, Cl. 250-20.
- Chowning, Dale K. Magnetic socket wrench. 2,834,241, 5-13-58, Cl. 81-125.
- Chrisman, Ernest L., to Intercontinental Mfg. Co. Cleaning apparatus. 2,845,786, 8-5-58, Cl. 68-18.
- Christen & Co. A. G.: See—Amiet, Oscar. 2,866,302.
- Christen, Fred, & Sons Co., The: See—Mueller, Lawrence A. 2,836,314.
- Christensen, Antone M. Razor blade cutter. 2,840,903, 7-1-58, Cl. 30-162.
- Christensen, Axel, and R. D. Rayfiel, to Chemical Construction Corp. High pressure synthesis apparatus. 2,853,371, 9-23-58, Cl. 23-289.
- Christensen, Bruce V., and P. F. McAdams, to Clark Equipment Co. Adjustable bulldozer. 2,839,849, 6-24-58, Cl. 37-144.
- Christensen, Carl J., to United States of America, Navy. Crystal growing system. 2,863,740, 12-9-58, Cl. 23-301.
- Christensen, Dan A.: See—Johnson, Lloyd A., Christensen, and Martin. 2,823,051.
- Johnson, Lloyd A., Christensen, and Martin. 2,837,355.
- Christensen, Dan A., and C. A. Stephens, to Federal-Mogul-Bower Bearings, Inc. Guard bearings. 2,842,409, 7-8-58, Cl. 308-38.
- Christensen Diamond Products Co.: See—Austin, Benjamin L. 2,838,284.
- Austin, Benjamin L. 2,838,286.
- Christensen, Donald D., to Librascope, Inc. Method and apparatus for comparing relative conditions of magnetization in a magnetizable element. 2,832,945, 4-29-58, Cl. 340-174.
- Christensen, Donald W.: See—Bogus, Anthony D., and Christensen. 2,843,367.
- Christensen, Edward R.: See—Hess, Howard V., and Christensen. 2,859,173.
- Hess, Howard V., and Christensen. 2,859,257.
- Christensen, Edward R., and H. V. Hess, to The Texas Co. Fractional crystallization. 2,861,112, 11-18-58, Cl. 260-674.
- Christensen, Edwin S. Clutch. 2,833,383, 5-6-58, Cl. 192-41.
- Christensen, Elmer M., to General Mills, Inc. Analog storage mechanism. 2,830,762, 4-15-58, Cl. 235-91.
- Christensen, Grover N. Protective binder for cardboard mounted photographic transparencies. 2,841,903, 7-8-58, Cl. 40-152.
- Christensen, Horace H., to General Electric Co. Combined manual and automatic servo apparatus. 2,819,030, 1-7-58, Cl. 244-76.
- Christensen, Horace H., to General Electric Co. Hydraulic positioning apparatus. 2,819,031, 1-7-58, Cl. 244-78.
- Christensen, Lars B.: See—Elfvig, Thore M., and Christensen. 2,855,766.
- Christensen, Lloyd A., L. C., W. A., and W. W., to Air Electric Machine Co., Inc. Vibrating massage machine. 2,860,630, 11-18-58, Cl. 128-63.
- Christensen, Lowell C.: See—Christensen, Lloyd A., L. C., W. A., and W. W. 2,860,630.
- Christensen, Norman B., to Northrop Aircraft, Inc. Wing mount with floating center section. 2,838,260, 6-10-58, Cl. 244-117.
- Christensen, Orval M. Auxiliary sighting device for shot guns and other arms. 2,855,680, 10-14-58, Cl. 33-47.
- Christensen, Oswald A., to Westinghouse Electric Corp. Fluid flow control apparatus. 2,823,700, 2-18-58, Cl. 138-46.
- Christensen, Paul M., to Federal Electric Products Co. Circuit breakers. 2,824,191, 2-18-58, Cl. 200-116.
- Christensen Paul M., to Federal Electric Products Co. Quick make and quick break circuit breaker with automatic reset. 2,829,219, 4-1-58, Cl. 200-116.
- Christensen, Paul M., to Federal Pacific Electric Co. Automatic circuit breakers. 2,846,548, 8-5-58, Cl. 200-172.
- Christensen, Paul M., to Federal Pacific Electric Co. Circuit breakers. 2,847,533, 8-12-58, Cl. 200-88.
- Christensen, Paul M., D. Wiktor, and J. Bryan, to Federal Pacific Electric Co. Circuit breakers. 2,828,388, 3-25-58, Cl. 200-116.
- Christensen, Paul M., and J. Bryan, to Federal Pacific Electric Co. Circuit breakers. 2,847,532, 8-12-58, Cl. 200-88.
- Christensen, Ralph W.: See—Brigs, George S., and Christensen. 2,866,878.
- Christensen, Verner: See—Hansen, Svend A. B., and Christensen. 2,845,543.
- Christensen, Weston W.: See—Christensen, Lloyd A., L. C., W. A., and W. W. 2,860,630.
- Christensen, Willard L., to the United States of America as represented by the Secretary of the Navy. Primary zone for gas turbine combustor. 2,829,494, 4-8-58, Cl. 60-39.71.
- Christensen, William A.: See—Christensen, Lloyd A., L. C., W. A., and W. W. 2,860,630.
- Christenson, Howard W., to General Motors Corp. Radial piston pump. 2,818,816, 1-7-58, Cl. 103-174.
- Christenson, Howard W., to General Motors Corp. Hydrodynamic drive and brake. 2,827,989, 3-25-58, Cl. 192-4.
- Christenson, Howard W., R. M. Tuck, and K. A. Bailey, to General Motors Corp. Transmission. 2,864,473, 12-16-58, Cl. 192-1.
- Christenson, James J., and F. G. Maloney; said Maloney assor. to Edwards Equipment. Straddle carrier. 2,862,635, 12-2-58, Cl. 214-392.
- Christenson, Roger M.: See—Olson, Melvin M., and Christenson. 2,848,425.
- Christenson, Roger M., to Pittsburgh Plate Glass Co. Preparation of phenolic resins. 2,848,436, 8-19-58, Cl. 260-53.
- Christenson, Roger M., to Pittsburgh Plate Glass Co. Soluble interpolymers of ethylenic monomers and polyesters of alpha-beta ethylenic polycarboxylic acids. 2,850,469, 9-2-58, Cl. 260-22.
- Christenson, Roger M., to Pittsburgh Plate Glass Co. Method of preparing interpolymers of a vinyl ester, a conjugated diene hydrocarbon, and an ethylenically unsaturated monomer, and product thereof. 2,861,050, 11-18-58, Cl. 260-33.6.
- Christenson, Roger M., to Pittsburgh Plate Glass Co. Interpolymers of alkyl resins, vinyl halides and vinyl esters. 2,865,874, 12-23-58, Cl. 260-22.

- Christenson, Roger M., and R. A. Freeman, to Pittsburgh Plate Glass Co. Laminates comprising alkenyl substituted phenolic resins as binders. 2,827,946, 3-25-58, Cl. 154-2.6.
- Christenson, Roger M., and R. A. Freeman, to Pittsburgh Plate Glass Co. Molding powders containing butenyl-phenolformaldehyde condensation products. 2,831,821, 4-22-58, Cl. 260-17.2.
- Christenson, Roger M., L. O. Cummings, and A. R. Bader, to Pittsburgh Plate Glass Co. Butenyl phenol-aldehyde resins. 2,843,565, 7-15-58, Cl. 260-53.
- Christenson, Roger M., L. O. Cummings, and A. R. Bader, to Pittsburgh Plate Glass Co. Alkenylphenol-aldehyde resins. 2,843,566, 7-15-58, Cl. 260-53.
- Christenson, Roger M., L. O. Cummings, and D. P. Hart, to Pittsburgh Plate Glass Co. Polyalkylene glycol modified alkyd resin-aminotriazine-aldehyde resin and synthetic polymeric latex. 2,852,475, 9-16-58, Cl. 260-21.
- Christenson, Roger M., and D. P. Hart, to Pittsburgh Plate Glass Co. Aqueous composition containing oil modified alkyd resin and lower alkanol modified melamine-aldehyde resin and method of preparing. 2,853,459, 9-23-58, Cl. 260-21.
- Christian, Curtis G., to Collier Carbon and Chemical Corp. Nitrogen-phosphorus composition. 2,839,375, 6-17-58, Cl. 71-32.
- Christian, Curtis G., to Collier Carbon and Chemical Corp. Nitrogen-phosphorus composition. 2,839,376, 6-17-58, Cl. 71-32.
- Christian, David A., to Siemens Edison Swan Ltd. Mounting electrical circuit components. 2,821,669, 1-28-58, Cl. 317-101.
- Christian, Hugh S., to Raytheon Mfg. Co. Color burst injection system. 2,843,658, 7-15-58, Cl. 178-5.4.
- Christian, John D., to Monsanto Chemical Co. Process of preparing imidazolidinedithiones. 2,841,553, 7-8-58, Cl. 260-309.7.
- Christian, Joseph A., to The Merit Co. Casket lock structure. 2,830,355, 4-15-58, Cl. 27-17.
- Christian, Moss B., to Chicago Mill and Lumber Co. Wood particle veneer board and method of making same. 2,853,413, 9-23-58, Cl. 154-132.
- Christian, Raymond A., J. R. Ganger, and H. C. Johnson, to The National Cash Register Co. Carriage shifting control mechanism for accounting machines. 2,851,218, 9-9-58, Cl. 235-60.47.
- Christian, Schuyler M., to Radio Corp. of America. Semiconductor devices and methods of making same. 2,820,185, 1-14-58, Cl. 317-239.
- Christian, Schuyler M., to Radio Corp. of America. Semiconductor devices and methods of making same. 2,833,969, 6-6-58, Cl. 317-235.
- Christian, Schuyler M., to Radio Corp. of America. Radiation responsive voltage sources. 2,847,585, 8-12-58, Cl. 310-3.
- Christiance, Harry C. Road drag. 2,827,744, 3-25-58, Cl. 55-22.
- Christiania, Spigerverk: *See*—
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Plöen, Jan. 2,857,530.
- Christiano, Frank P. Swingable wheel mounting. 2,831,545, 4-22-58, Cl. 180-73.
- Christiansen, Aage. Closure for collapsible tubes. 2,850,217, 9-2-58, Cl. 222-520.
- Christiansen, Godtfred K.: *See*—
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- Christiansen, Heinrich C., to Rockwell Gesellschaft mit beschränkter Haftung. Air cooled two stroke cycle diesel engine. 2,855,911, 10-14-58, Cl. 123-41.65.
- Christiansen, Leland F. Irrigation control gate. 2,821,842, 2-4-58, Cl. 61-29.
- Christiansen, Milton J., and W. F. Stephen, to Western Electric Co., Inc. Carrier-type conveyors. 2,844,243, 7-22-58, Cl. 198-189.
- Christianson, George, and R. H. Bonner, to The Rath Packing Co. Method for preparing meat products. 2,860,991, 11-18-58, Cl. 99-109.
- Christianson, George, B. Nichols, and R. W. Rath, to The Rath Packing Co. Apparatus for coating fragile foods. 2,865,766, 12-23-58, Cl. 99-169.
- Christiansson, Bror G., and K. G. F. Thornberg. Screw cap. 2,847,139, 8-12-58, Cl. 215-9.
- Christie, Cleve F., 25% to D. A. Harrison. Mop structure. 2,864,113, 12-16-58, Cl. 15-229.
- Christie, David M.: *See*—
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- Christie, Leonard D., Jr.: *See*—
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- Christille, Maurice M., to Houilleres du Bassin de Lorraine. Plant for conveying granular or solid products, notably coal sludges, through hydraulic means. 2,835,536, 5-20-58, Cl. 302-14.
- Christman, George J. Hypodermic syringe holder. 2,851,157, 9-9-58, Cl. 206-43.
- Christman, James, Jr. Brake safety device. 2,862,196, 11-25-58, Cl. 340-52.
- Christman, John M., and W. H. Bibbens. Gear chamfering machine of the universal type. 2,865,257, 12-23-58, Cl. 90-1.4.
- Christmann, Ludwig J., to Carbogen Corp. Production of succinonitrile. 2,842,584, 7-8-58, Cl. 260-465.8.
- Christmann, Ludwig J., and D. E. Nagy, to American Cyanamid Co. Preparation of cyanuric acid from urea. 2,822,363, 2-4-58, Cl. 260-248.
- Christmann, Ludwig J., and W. G. Deichert, to American Cyanamid Co. Lubricating oils thickened with metal salts of cyanuric acid. 2,830,020, 4-8-58, Cl. 252-33.6.
- Christoff, Chris A.: *See*—
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- Christoff, Chris A., to Clary Corp. Reversible counter mechanism. 2,840,310, 6-24-58, Cl. 235-79.
- Christoff, Chris A., to Clary Corp. Adjustable magnetic transducer mount. 2,862,067, 11-25-58, Cl. 179-100.2.
- Christoff, Chris A., and R. E. Boyden, to Clary Corp. Calculating machine including ordinarily shiftable factor storage and value entry control devices. 2,833,467, 5-6-58, Cl. 235-60.
- Christoffel, Martin, and A. Edlinger, to Akt. Brown, Boveri & Cie. High voltage transformer windings with voltage control. 2,866,168, 12-23-58, Cl. 336-70.
- Christoferson, James, to Columbia Broadcasting System, Inc., d. b. a. CBS-Hytron. Color tube mask positioner. 2,824,989, 2-25-58, Cl. 313-85.
- Christoferson, James, to Columbia Broadcasting System, Inc. Stem processing machine. 2,845,098, 7-29-58, Cl. 140-71.5.
- Christoph, Walter P., to the United States of America as represented by the Secretary of the Navy. Hydraulic power amplifier. 2,824,292, 2-18-58, Cl. 340-13.
- Christoph, Walter P., to United States of America, Navy. Hydraulic rectifying device. 2,856,962, 10-21-58, Cl. 138-42.
- Christopher, Henry J. Can opener. 2,829,797, 4-8-58, Cl. 220-52.
- Christopher, Nathan H. Reading head. 2,827,522, 3-18-58, Cl. 200-46.
- Christophersen, Clarence E.: *See*—
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- Christophersen, Clarence E., to Aeroquip Corp. Axially operating clamp. 2,855,167, 10-7-58, Cl. 248-27.
- Christy, James W., to NuTone, Inc. Repeater mechanism for chimes. 2,820,913, 1-21-58, Cl. 310-35.
- Christy, James W., and J. McEvoy, to Nutone, Inc. Two-note solenoid switch mechanism. 2,844,680, 7-22-58, Cl. 200-87.
- Christy, Robert A., and L. L. Levitt, to Borg-Warner Corp. Quill drive mechanism and electrical controls. 2,845,097, 7-29-58, Cl. 140-3.
- Christy, Robert A., and J. R. Moore, to Borg-Warner Corp. Device for trimming and shapping washing machine tubs or the like. 2,848,033, 8-19-58, Cl. 153-2.
- Christy, Robert F., to United States of America, Atomic Energy Commission. Neutronic reactor. 2,843,543, 7-15-58, Cl. 204-193.2.
- Chromalloy Corp. of New York.: *See*—
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- Chromatic Television Laboratories, Inc.: *See*—
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- Chromium Mining & Smelting Corp., Ltd.: *See*—
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- Chronifor, Robert W. Loading pallet. 2,841,350, 7-1-58, Cl. 248-120.
- Chrysler Corp.: *See*—
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- Chrysler Corp.: *See*—Continued
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- Chrystie, Henry, and R. H. Steppe, to General Dynamics Corp. Fluid tight electrical connection. 2,858,518, 10-28-58, Cl. 339-95.
- Chrzanoski, Edward J., to Westinghouse Electric Corp. Pulse generator. 2,862,103, 11-25-58, Cl. 250-27.
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- Marsh, Byron E., Du Brow, Betcher, Smith, and Cizek. 2,851,345.
- Clade, Robert, to ACF Industries, Inc. Spherical plug valve. 2,861,773, 11-25-58, Cl. 251-315.
- Claesson, Per H. E. Fire and police intercommunication system. 2,822,423, 2-4-58, Cl. 179-5.
- Claffey, Edward F. Visual selection amusement system. 2,829,196, 4-1-58, Cl. 178-5.6.
- Claiborne, Jefferson L., and W. F. Luther, to Dixie Mercerizing Co. Apparatus for continuous drying of yarn, etc. 2,834,860, 5-13-58, Cl. 219-19.
- Clairdon, Inc.: See—
- St. Clair, Donald. 2,839,129.
- St. Clair, Donald. 2,839,130.
- Claire, Frank L.: See—
- Shaw, Albert W., Claire, and Bullard. 2,842,238.
- Clairex Corp.: See—
- Hester, Frank A. 2,839,645.
- Hester, Frank A. 2,839,646.
- Clairel Inc.: See—
- Spilo, Leon A., and Petitta. 2,819,722.
- Clampitt, Lawrence L., and P. P. Derby, to Raytheon Mfg. Co. Electron discharge devices. 2,849,649, 8-26-58, Cl. 315-39.57.
- Clancy, John J., and A. B. Poole, to Arthur D. Little, Inc. One-use typewriter ribbons. 2,830,689, 4-15-58, Cl. 197-172.
- Clapham, Harold E. C., to Bruce Peebles & Co. Ltd. Electric generating equipment. 2,841,725, 7-1-58, Cl. 310-112.
- Clapp, Kenneth S. Fishing lure. 2,832,169, 4-29-58, Cl. 43-42.31.
- Clapp, Melvin C.: See—
- Rieppel, Perry J., Clapp, and Elliott. 2,819,883.
- Rieppel, Perry J., Clapp, and Elliott. 2,819,884.
- Clapp, Richard G., to Philco Corp. Electrical system for keeping a scanning light beam centered on a line. 2,851,521, 9-9-58, Cl. 178-7.2.
- Clapper, Clyde E. Shaft gripping clamp. 2,854,723, 10-7-58, Cl. 24-249.
- Clapper, Clyde E. Anchor stake. 2,863,535, 12-9-58, Cl. 189-92.
- Clapper, Genung L., to International Business Machines Corp. Pulse generating system. 2,819,413, 1-7-58, Cl. 307-106.
- Clapper, Genung L., to International Business Machines Corp. Pulse generator. 2,834,880, 5-13-58, Cl. 250-27.
- Clapper, Genung L., to International Business Machines Corp. Pulse signal translating apparatus. 2,838,689, 6-10-58, Cl. 307-88.5.
- Clapper, Genung L., to International Business Machines Corp. Reversible shift register. 2,842,682, 7-8-58, Cl. 307-88.5.
- Clapper, Genung L., to International Business Machines Corp. Pulse generating circuit. 2,842,683, 7-8-58, Cl. 307-88.5.
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- Clapper, Genung L., to International Business Machines Corp. Signal translating apparatus. 2,851,604, 9-9-58, Cl. 250-36.
- Clapper, Genung L., to International Business Machines Corp. Transistor trigger circuit. 2,864,007, 12-9-58, Cl. 307-88.5.
- Clar, Eric, and D. G. Stewart, to Shell Development Co. Triangulene compounds and intermediates therefor. 2,841,597, 7-1-58, Cl. 260-362.
- Claraz, Paul: See—
- Reynaud, Francis, and Claraz. 2,835,569.
- Clarck, Richard J., Jr., E. D. Dammert, C. E. Ernst, and E. C. Van Beers, to The Gleason Works. Method and apparatus for hardening gears and the like. 2,848,363, 8-19-58, Cl. 148-21.56.
- Clare, C. P., & Co.: See—
- Farmer, Robert B. 2,856,483.
- Clare, George. Holder for pencils, paper clips and the like. 2,862,626, 12-2-58, Cl. 211-88.
- Clare, Norval D., and A. J. Deyrup, to E. I. du Pont de Nemours and Co. Oxyfluoroborates. 2,823,095, 2-11-58, Cl. 23-14.
- Clare, Norval D., and A. J. Deyrup, to E. I. du Pont de Nemours and Co. Flameproofing with alkali metal fluoride and a member of the group consisting of boric acid and anhydride. 2,823,145, 2-11-58, Cl. 117-138.
- Claret, Rene, to Office National d'Etudes et de Recherches Aeronautiques O. N. E. R. A. Apparatus for determining the direction of the apparent vertical on board a movable body. 2,838,843, 6-17-58, Cl. 33-206.
- Claret, René, and J. Bouzitat, to Office National d'Etudes et de Recherches Aeronautiques. Devices for directly measuring and instantaneously recording the angular displacements of a body. 2,845,710, 8-5-58, Cl. 33-1.
- Claridge, Elmond L.: See—
- Zuiderweg, Frederik J., Manning, and Claridge. 2,862,697.
- Claridge, John T.: See—
- Box, William E., and Claridge. 2,841,285.
- Clark, Adelaide J. Colostomy belt. 2,823,676, 2-18-58, Cl. 128-283.
- Clark, Albert G., to General Electric Co. Plasma transmitter. 2,819,423, 1-7-58, Cl. 313-231.
- Clark, Albert G., to General Electric Co. Monofuel internal decomposition engine. 2,838,034, 6-10-58, Cl. 123-65.
- Clark, Albert G., to General Electric Co. Aircraft engine cartridge starter control system. 2,842,937, 7-15-58, Cl. 60-39.14.
- Clark, Albert G., to General Electric Co. Monofuel decomposition apparatus. 2,858,672, 11-4-58, Cl. 60-39.46.
- Clark, Albert R. and W. B. Drying apparatus. 2,848,821, 8-26-58, Cl. 34-66.

- Clark, Alfred: *See*—
Lanning, William C., and Clark. 2,819,325.
- Clark, Alfred J.: *See*—
Hartfield, Robert G., and Clark. 2,863,047.
- Clark, Arthur D.: *See*—
Lamb, Anthony H., and Clark. 2,855,567.
- Clark, Athol B. Continuous traction anti-skid tire chain. 2,830,639, 4-15-58, Cl. 152-239.
- Clark, Bryce L., and C. S. Miller, to Minnesota Mining & Mfg. Co. Heat-sensitive copying-paper. Re. 24,554, 10-21-58, Cl. 117-36.
- Clark, Bryce L., and C. S. Miller, to Minnesota Mining & Mfg. Co. Method of making permanent facsimile copies. 2,859,351, 11-4-58, Cl. 250-65.
- Clark, Byron S.: *See*—
Metzig, Harvey F., and Clark. 2,851,830.
- Clark, C. & J., Ltd.: *See*—
Hawkins, Wallace G. 2,847,706.
- Clark, Calvin M., to California Research Corp. Circular scanning system for recording nuclear energy spectrum. 2,856,537, 10-14-58, Cl. 250-71.
- Clark, Charles A., to The International Nickel Co., Inc. Nickel-cobalt alloy magnetostrictive element. 2,836,492, 5-27-58, Cl. 75-170.
- Clark, Charles K., and R. O. Nason, to Crossett Chemical Co., a Division of The Crossett Co. Treating floating soap and product obtained thereby. 2,854,419, 9-30-58, Cl. 252-368.
- Clark, Charles K., and R. O. Nason, to Crossett Chemical Co., a Division of The Crossett Co. Treating tall oil soap and product obtained thereby. 2,854,420, 9-30-58, Cl. 252-368.
- Clark, Charles K., and R. O. Nason, to Crossett Chemical Co., a Division of The Crossett Co. Stabilized tall oil soap and floating soap products. 2,854,442, 9-30-58, Cl. 260-975.
- Clark, Clyde W., Sr., to Clark Instrument Co. Hardness tester work piece clamping means. 2,850,894, 9-9-58, Cl. 73-83.
- Clark, Coleman T., II: *See*—
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- Clark Controller Co., The: *See*—
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- Grape, Frederick Y. 2,843,703.
- Clark, David A.: *See*—
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- Clark, David F., and A. H. Schott, to The Ohio Crankshaft Co. Method of and product formed by flash welding. 2,829,237, 4-1-58, Cl. 219-100.
- Clark, David L., to General Electric Co. Clothes conditioner. 2,846,776, 8-12-58, Cl. 34-45.
- Clark, David M.: *See*—
Flagg, John E., and Walsh. 2,834,965.
- Clark, David W., to Clark Metal Products, Inc. Non-locking, tapered wall, hollow article of manufacture. 2,819,557, 1-14-58, Cl. 45-137.
- Clark, Donald B., G. S. Kelley, and W. W. Mahnken, to Curtiss-Wright Corp. Variable area convergent-divergent exhaust nozzle and control therefor. 2,846,843, 8-12-58, Cl. 60-356.
- Clark, Donald L., to General Dynamics Corp. Erasing head for magnetic recording. Re. 24,512, 8-5-58, Cl. 179-100.2.
- Clark, Earl D., and R. A. Stutterfield. Cable shackle. 2,856,662, 10-21-58, Cl. 24-122.6.
- Clark, Earl K., and B. F. Parr, to Westinghouse Electric Corp. Toaster apparatus. 2,838,989, 6-17-58, Cl. 99-401.
- Clark, Earl W.: *See*—
Millar, Norval P., and Clark. 2,836,796.
- Clark, Earnest H., Jr., to Baker Oil Tools, Inc. Variable orifice casing filling apparatus. 2,829,719, 4-8-58, Cl. 166-224.
- Clark, Earnest H., Jr., and T. J. Carter, to Baker Oil Tools, Inc. Casing centralizer and wall scratcher. 2,845,128, 7-29-58, Cl. 166-173.
- Clark, Earnest H., Jr., to Baker Oil Tools, Inc. Telescopic valve apparatus for testing well bore tubing. 2,853,265, 9-23-58, Cl. 251-106.
- Clark, Edward B., to General Electric Co. Magnetic insert finder. 2,856,580, 10-14-58, Cl. 324-41.
- Clark, Edward D. Molding apparatus for game bird decoys. 2,857,623, 10-28-58, Cl. 18-34.
- Clark, Edward S.: *See*—
Andrus, Harold L., and Clark. 2,847,916.
- Clark Equipment Co.: *See*—
Backofen, Elmer R., and Newhouse. 2,847,138.
- Bergquist, Leonard G. 2,841,300.
- Christensen, Bruce V., and McAdams. 2,839,849.
- Dence, Donald S. 2,854,088.
- Lapsley, Robert. 2,823,614.
- Lapsley, Robert. 2,845,873.
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- Miller, James A. 2,822,706.
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- Ravigneaux, Pol, P. G. and M. J. 2,847,877.
- Sherriff, Fred. 2,841,301.
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- Van Hellen, Franz H. 2,860,798.
- Clark, Eugene E., to American Screw Co. Nylon lock nut with split metal core to provide frictional and resilient locking action. 2,832,391, 4-29-58, Cl. 151-7.
- Clark, Eugene F., to The New York Trust Co. and J. H. Baile, trustees. Method of weaving and composite pile wire for looms. 2,860,666, 11-18-58, Cl. 139-46.
- Clark-Feather Mfg. Co.: *See*—
Pralle, William F. 2,830,614.
- Clark, Francis E., to Turco Products, Inc. Apparatus for removing metal from the surface of a metal object. 2,827,723, 3-25-58, Cl. 41-9.
- Clark, Frank M., to General Electric Co. Electrical cable structure. 2,841,633, 7-1-58, Cl. 174-25.
- Clark, Frederick G., to Eastman Machine Co. Knife sharpening mechanism. 2,829,474, 4-8-58, Cl. 51-246.
- Clark, Frederick G., $\frac{1}{2}$ to W. Stevenson. Implement driving device. 2,833,548, 5-6-58, Cl. 279-102.
- Clark, Geoffrey, $\frac{1}{2}$ to Unipulver Ltd. Stator for grinding, pulverizing and crushing mills. 2,857,110, 10-21-58, Cl. 241-242.
- Clark, Geoffrey, $\frac{1}{2}$ to Unipulver Ltd. Rotor blades and blade mounting means for grinding mills. 2,857,111, 10-21-58, Cl. 241-294.
- Clark, George F. Feeding devices for pressing and other machines. 2,822,168, 2-4-58, Cl. 271-25.
- Clark, George F., to The General Detroit Corp. Fire extinguisher. 2,827,122, 3-18-58, Cl. 169-31.
- Clark, George H.: *See*—
Blow, Angus W., Baker, and Clark. 2,863,073.
- Clark, George M.: *See*—
Arterbury, Bryant P., and Clark. 2,847,315.
- Arterbury, Bryant P., and Clark. 2,847,073.
- Clark, George W. Fluid power device. 2,829,603, 4-8-58, Cl. 103-136.
- Clark, Gerald A., and C. B. Havens, to The Dow Chemical Co. Stabilized polyolefinic compositions and method for preparing same. 2,852,488, 9-16-58, Cl. 260-45.9.
- Clark, Gerald A., C. B. Havens, and R. G. Brookens, to The Dow Chemical Co. Chloroethylene polymers stabilized with B-resorcylic acid diesters. 2,858,293, 10-28-58, Cl. 260-45.85.
- Clark, Guy W. Combination wall and portable night lamp. 2,837,629, 6-3-58, Cl. 240-10.6.
- Clark, Harold A., to Dow Corning Corp. Phenylene linked siloxanes. 2,819,282, 1-7-58, Cl. 260-448.2.
- Clark, Harold A., to Dow Corning Corp. Organosilicon resins. 2,830,968, 4-15-58, Cl. 260-46.4.
- Clark, Harold A., to Dow Corning Corp. Siloxane borate compositions. 2,831,439, 9-9-58, Cl. 260-46.5.
- Clark, Harold A., and L. A. Haluska, to Dow Corning Corp. Phenylvinylmethyltrisiloxanes. 2,831,010, 4-15-58, Cl. 260-448.2.
- Clark, Harold H.: *See*—
George, Everett D., and Clark. 2,866,500.
- Clark, Harold H., to The Goodyear Tire & Rubber Co. Strip aligning apparatus. 2,850,277, 9-2-58, Cl. 271-2.6.
- Clark, Harold L., to The Sessions Clock Co. Timing devices. 2,826,651, 3-11-58, Cl. 200-39.
- Clark, Harry F., to General Motors Corp. Electrical apparatus. 2,836,781, 5-27-58, Cl. 318-221.
- Clark, Henry B. Emergency mechanism for unlocking cold storage door and the like. 2,835,487, 5-20-58, Cl. 268-30.
- Clark, Herbert H.: *See*—
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- Clark, Herbert M.: *See*—
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- Clark, Herbert M., and D. Duffey, to United States of America, Atomic Energy Commission. U-extraction-improvements in elimination of Mo by use of ferric ion. 2,838,367, 6-10-58, 23-14.5.
- Clark, Herbert M., and D. Duffey, to United States of America, Atomic Energy Commission. Solvent extraction process for uranium recovery. 2,839,357, 6-17-58, Cl. 23-14.5.
- Clark, Homer W. Adjustable slant drawing board stand. 2,837,391, 6-3-58, Cl. 311-38.
- Clark, Howard T., Jr.: *See*—
Finlay, Walter L., Clark, and Snyder. 2,829,974.
- Clark Instrument Co.: *See*—
Clark, Clyde W., Sr. 2,850,894.
- Clark, Irvin L., and L. D. Shirah. Dent-removing body and fender tool. 2,835,155, 5-20-58, Cl. 81-15.
- Clark, J. R., Co., The: *See*—
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- Clark, J. Ted.: *See*—
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- Clark, James D., to Fibrofelt Corp. Apparatus and method for manufacturing fibrous structures. 2,827,668, 3-25-58, Cl. 19-156.
- Clark, James D., to Changewood Corp. Composite molded board and method of manufacture. 2,835,622, 5-20-58, Cl. 154-110.
- Clark, James D., to Changewood Corp. Method and apparatus for depositing loose materials on support surfaces. 2,845,662, 8-5-58, Cl. 19-155.
- Clark, James D., to Changewood Corp. Machine for producing fibrous wafers. 2,849,038, 8-26-58, Cl. 144-172.
- Clark, James D., to Changewood Corp. Apparatus for producing fibrous elements. 2,863,476, 12-9-58, Cl. 144-172.
- Clark, James D., and R. D. Lambert, to Changewood Corp. Apparatus and method for separating pressed board from caul plates. 2,862,291, 12-2-58, Cl. 29-239.

- Clark, James M., to Motorola, Inc. Receiver circuit. 2,860,239, 11-11-58, Cl. 250-20.
- Clark, James T. Hose sprinkler nozzle supports. 2,852,307, 9-16-58, Cl. 299-72.
- Clark, Jared W., and C. E. Rectenwald, to Union Carbide Corp. Process for making perhaloacylhalides. 2,863,916, 12-9-58, Cl. 260-539.
- Clark, Jean H., to American Telephone and Telegraph Co. Stabilized automatic frequency control circuit with noise operated squelch. 2,831,106, 4-15-58, Cl. 250-20.
- Clark, John B., to International Business Machines Corp. Sensing control for tabulating mechanism. 2,860,759, 11-18-58, Cl. 197-179.
- Clark, John C. Non-directional muffler. 2,828,830, 4-1-58, Cl. 181-47.
- Clark, John D. Method for analyzing white fuming nitric acid. 2,847,641, 8-12-58, Cl. 324-30.
- Clark, John R., to Chance Vought Aircraft, Inc. Variable-contour airfoil. 2,851,229, 9-9-58, Cl. 244-44.
- Clark, John W., to Litton Industries of California. Nucleonic X-ray apparatus. 2,847,581, 8-12-58, Cl. 250-108.
- Clark, John W., to Litton Industries of California. Methods and apparatus for X-ray therapy. 2,849,621, 8-26-58, Cl. 250-64.
- Clark, Joseph B., Jr., G. C. Howard, and C. R. Fast, to Pan American Petroleum Corp. Producing multiple fractures in a formation penetrated by a well. 2,838,116, 6-10-58, Cl. 166-22.
- Clark, Joseph B., Jr., and K. Dyk, to Pan American Petroleum Corp. Fracturing formations at selected elevations. 2,838,117, 6-10-58, Cl. 166-42.
- Clark, Joseph C., to Johnson Electronics, Inc. Electric switch. 2,839,634, 6-17-58, Cl. 200-113.
- Clark, Joseph W.: See—
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Stallings, Percy S., Jr., and Clark. 2,852,582.
- Clark, Kendall. Gun training mechanism. 2,841,887, 7-8-58, Cl. 35-25.
- Clark, Kendall, to General Electric Co. Control circuits for automatic clothes washing machines. 2,858,687, 11-4-58, Cl. 68-12.
- Clark, Kenneth J. B., to Metalastik Ltd. Vehicle rubber spring suspensions. 2,866,632, 12-30-58, Cl. 267-57.1.
- Clark, Lawrence, and A. C. Poshkus, to Armstrong Cork Co. Vinyl resin containing polynitroso diurethane blowing agent and method of blowing. 2,836,572, 5-27-58, Cl. 260-2.5.
- Clark, Lawrence, and A. C. Poshkus, to Armstrong Cork Co. Method of using ammonium alum in discoloration reduction of foamed vinyl chloride polymers. 2,840,534, 6-24-58, Cl. 260-2.5.
- Clark, Lawrence, T. J. Grabowski, and A. C. Poshkus, to Armstrong Cork Co. Cellular products and method of manufacture. 2,849,028, 8-26-58, Cl. 138-49.
- Clark, Leon R.: See—
Cook, Howard L., Clark, Knopp, and Marlow. 2,843,076.
- Clark, Leslie M.: See—
Morrill, Elliott, and Clark. 2,827,650.
- Clark, Louis P., to Tele-Dynamics Inc. Highway condition indicating system. 2,849,701, 8-26-58, Cl. 340-22.
- Clark, Malcolm S., to Snap-Tite, Inc. Quick detachable coupler. 2,839,314, 6-17-58, Cl. 284-18.
- Clark, Malcolm S., to Snap-Tite, Inc. Quick detachable coupler. 2,850,297, 9-2-58, Cl. 284-18.
- Clark, Malcolm S., to Snap-Tite, Inc. Quick detachable coupling. 2,850,298, 9-2-58, Cl. 284-19.
- Clark, Malcolm S., to Snap-Tite, Inc. Self-sealing detachable coupling. 2,854,259, 9-30-58, Cl. 284-19.
- Clark, Malcolm S., to Snap-Tite, Inc. Ball detent type coupling with break-away feature. 2,860,893, 11-18-58, Cl. 285-1.
- Clark Mfg. Co.: See—
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- Clark, Margaret, to Flexnit Co., Inc. Girdles. 2,860,640, 11-18-58, Cl. 128-540.
- Clark Metal Products, Inc.: See—
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- Clark, Millard J. Hygienic pad. 2,840,080, 6-24-58, Cl. 128-296.
- Clark, Nathaniel. Mine car coupler. 2,833,424, 5-6-58, Cl. 213-75.
- Clark, Nigel G.: See—
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- Clark, Otho A. and D. A., and O. D. Hughes, to Clark Mfg. Co. Fluid metering mechanism. 2,826,342, 3-11-58, Cl. 222-177.
- Clark, Ralph W.: See—
Hardwick, Clifford L., and Clark. 2,850,979.
- Clark, Richard B., and G. H. Dingman, to Bendix Aviation Corp. Electrical ignition generator. 2,847,590, 8-12-58, Cl. 310-70.
- Clark, Richard U. Terminals and method of making same. 2,823,251, 2-11-58, Cl. 174-153.
- Clark, Robert A., Jr.: See—
Starr, James H., and Clark. 2,829,829.
Starr, James H., and Clark. 2,836,358.
Starr, James H., Clark, and Westrate. 2,841,331.
- Clark, Robert C. Anticorrosive sealed magnetized stirring bar. 2,844,363, 7-22-58, Cl. 259-144.
- Clark, Robert C., and W. G. Layne, to United States of America, Navy. Rotary piston valve. 2,832,369, 4-29-58, Cl. 137-332.
- Clark, Robert K., Jr., to Abbott Laboratories. Method of producing substantially pure erythromycin A. 2,823,203, 2-11-58, Cl. 260-210.
- Clark, Robert L., and A. A. Pessolano, to Merck & Co., Inc. Intermediate and process for producing 5-tetradecylbenzimidazolone. 2,843,597, 7-15-58, Cl. 260-309.2.
- Clark, Robert W., to Librascope, Inc. Magnetic track. 2,830,207, 4-8-58, Cl. 310-154.
- Clark, Sheldon L., and J. R. Jones, to Olin Mathieson Chemical Corp. 1-N-butyl boracyclopentane and process for its preparation. 2,858,339, 10-28-58, Cl. 260-606.5.
- Clark, Sheldon L., and J. R. Jones, to Olin Mathieson Chemical Corp. 1-N-butyl boracyclohexane and process for its preparation. 2,858,340, 10-28-58, Cl. 260-606.5.
- Clark, Sherman W. Ball and socket trailer hitch. 2,847,234, 8-12-58, Cl. 280-512.
- Clark, Thomas W., to Coin-a-Matic, Inc. Coin handling apparatus. 2,843,241, 7-15-58, Cl. 193-25.
- Clark, Trevor H., to International Telephone and Telegraph Corp. Radio direction finder. 2,840,813, 6-24-58, Cl. 343-120.
- Clark, Trevor P. Fingerling transfer devices. 2,845,779, 8-5-58, Cl. 61-21.
- Clark, Walter C., to Aluminum Products, Inc. Operating lever assembly for winch-type hoist. 2,854,852, 10-7-58, Cl. 74-142.
- Clark, Walter G. Tilttable trailer. 2,832,486, 4-29-58, Cl. 214-506.
- Clark, Walter G. Hydraulic gooseneck. 2,844,265, 7-22-58, Cl. 214-506.
- Clark, Warren G., to Bendix Aviation Corp. Brake adjuster for internally expanding shoe brake. 2,822,892, 2-11-58, Cl. 188-196.
- Clark, William R.: See—
Clark, Albert R. and W. B. 2,848,821.
- Clark, William H., Jr., to Curtiss-Wright Corp. Phase synchronizing system. 2,847,617, 8-12-58, Cl. 317-6.
- Clark, William H., Jr., to Curtiss-Wright Corp. Multiple differential gearing. 2,851,905, 9-16-58, Cl. 74-675.
- Clark, William J., Jr.: See—
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- Clark, William R.: See—
Amey, William G., and Clark. 2,830,252.
- Clark, William R., W. McAdam, and T. Cheng, to Leeds and Northrup Co. Fall-safe arrangement. 2,846,629, 8-5-58, Cl. 318-28.
- Clarke, Edward N., to Sylvania Electric Products, Inc. Method of introducing impurities into a semi-conductor. 2,859,140, 11-4-58, Cl. 148-1.5.
- Clarke, Edwin L., to Smiths America Corp. Magnetic amplifiers. 2,840,778, 6-24-58, Cl. 323-89.
- Clarke, Evans L., to J. I. Case Co. Tractor and implement hitch. 2,865,657, 12-23-58, Cl. 280-460.
- Clarke, Forbes R., Jr., to The United Electric Coal Co. Excavating apparatus. 2,840,937, 7-1-58, Cl. 37-189.
- Clarke, Gerard J.: See—
Salo, Martin, and Clarke. 2,843,503.
Salo, Martin, Clarke, and Gallagher. 2,819,983.
- Clarke, Gilbert R., to Northrop Aircraft, Inc. Telescoping captive screw holder with stop means for screw. 2,831,520, 4-22-58, Cl. 151-69.
- Clarke, Jesse E. Lift truck. 2,849,132, 8-26-58, Cl. 214-120.
- Clarke, John S., to Joseph Lucas (Industries) Ltd. Liquid fuel injection nozzles. 2,825,398, 3-4-58, Cl. 158-76.
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- Clarke Sanding Machine Co.: See—
Machovec, Fred J. 2,859,461.
- Clarke, William. Door hasp. 2,845,295, 7-29-58, Cl. 292-281.

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Fox, Douglas P. S., and Clarks. 2,839,095.
- Clarkson, Blanding D., to Sonoco Products Co. Paper tube concrete form. 2,836,874, 6-3-58, Cl. 25—118.
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- Clarkson, Ralph P. Controls for toy airplanes. 2,825,562, 3-4-58, Cl. 272—31.
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Fullton, David H. 2,848,766.
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Chapman, George L. 2,849,558.
Mucher, George J. 2,836,689.
- Clarostat Mfg. Co., Inc.: *See*—
Mucher, George J. Re. 24,531.
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Borden, Jay R., and Harja. 2,842,967.
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Christoff, Chris A. 2,840,310.
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Willis, Grant N., and Clary. 2,836,324.
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- Clason, Bertil H., to General Motors Corp. Pressure actuated switch. 2,827,526, 3-18-58, Cl. 200—83.
- Classen, Raymond J. Internal combustion engine system. 2,840,062, 6-24-58, Cl. 123—65.
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- Claus, Paul E., to Crown Zellerbach Corp. Pallet and skid reinforcement. 2,818,972, 1-7-58, Cl. 208—46.
- Clausen, Irvin A., to National Aluminate Corp. Coke quenching liquids. 2,865,817, 12-23-58, Cl. 202—37.
- Clausen, Ralph P.: *See*—
Rbando, Andrew A., Noster, and Clausen. 2,827,893.
- Clausen, Soren: *See*—
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- Clausing, Don P.: *See*—
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- Clauson-Kaas, Niels K. F. W.: *See*—
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- Claveau, Emile. Motor car bumpers. 2,829,915, 4-8-58, Cl. 293—71.
- Clawson, George T., to the United States of America as represented by the Secretary of the Air Force. Electromagnetic electrostatic shielding analyzer. 2,820,193, 1-14-58, Cl. 324—51.
- Clawson, John H., to General Electric Co. Insulated coil. 2,836,744, 5-27-58, Cl. 310—208.
- Clawson, Weldon L. Tree simulating card display. 2,865,122, 12-23-58, Cl. 40—124.
- Clay, Burton R., to Radio Corp. of America. Color synchronization. 2,837,594, 6-3-58, Cl. 178—5.4.
- Clay, Calvin M., to International Minerals & Chemical Corp. Self-closing bag. 2,855,136, 10-7-58, Cl. 229—62.5.
- Clay, Nathan: *See*—
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- Clay, Wallace C., to Zenith Radio Corp. Electrical generator. 2,832,905, 4-29-58, Cl. 310—90.
- Claybourn, Glen L., and C. P. West, to Westinghouse Electric Corp. Cooling means for metal-clad switchgear. 2,824,939, 2-25-58, Cl. 200—166.
- Clayden, David O.: *See*—
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- Clayden, Ronald T., to Electric & Musical Industries Ltd. Levelling circuits for television. 2,843,665, 7-15-58, Cl. 178—7.2.
- Clayfield, Eric J.: *See*—
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- Claypool, Robbins M., and D. M. Best, said Best assor, to said Claypool. Casing scraper. 2,836,251, 5-27-58, Cl. 166—173.
- Clayton, Benjamin: *See*—
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- Clayton, David P., and R. N. Falge, to General Motors Corp. Electric switch. 2,837,609, 6-3-58, Cl. 200—16.
- Clayton, David P., and L. N. Williams, to General Motors Corp. Wire spring lens retainer. 2,866,082, 12-23-58, Cl. 240—8.3.
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- Clayton, John C.: *See*—
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- Clayton Mfg. Co.: *See*—
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- Clayton, Robert E., to Esso Research and Engineering Co. Self cleaning butyl vulcanizates. 2,839,117, 6-17-58, Cl. 152—330.
- Clayton, William, to Barkelew Mfg. Co. Combination muffler and exhaust gas after-burner and method of burning exhaust gases. 2,829,731, 4-8-58, Cl. 183—6.
- Clayton-Wright, Howard, to General Motors Corp. Sliding windows or other panels. 2,820,992, 1-28-58, Cl. 20—52.
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- Clear Fir Products Co., Inc.: *See*—
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- Clearman, Jack F. Liquid distributor. 2,848,276, 8-19-58, Cl. 299—68.
- Cleary, Harold J., to United States of America, Atomic Energy Commission. Superconducting vanadium base alloy. 2,857,268, 10-21-58, Cl. 75—134.
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- Cleaver, Charles S., and D. C. England, to E. I. du Pont de Nemours and Co. Organic compounds. 2,861,990, 11-25-58, Cl. 260—243.
- Cleaver, John C., F. A. Loebel, and J. F. Horvath, to Cleaver-Brooks Co. Boiler. 2,835,230, 5-20-58, Cl. 122—75.
- Cleaves, Roydon F. All purpose firefighting nozzle. 2,820,676, 1-21-58, Cl. 299—144.
- Cleek, George K., and A. Saddle, to Allied Chemical & Dye Corp. Formaldehyde-phenol concentrates. 2,819,251, 1-7-58, Cl. 260—57.
- Cleere, Mason C.: *See*—
McLaughlin, Henry E., Stump, and Cleere. 2,866,826.
- Cleereman Machine Tool Co.: *See*—
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- Clegg, Charles M., Jr.: *See*—
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- Clegg, Harold A., to United States Steel Corp. Safety lock for crane hook. 2,866,247, 12-30-58, Cl. 24—232.

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- Cleiff, John: See—
- Galbraith, Alexander. 2,854,914.
- Clejan, Deodat, to Piggy-Back, Inc. Adaptors for landing gears of semitrailer trucks. 2,864,321, 12-16-58, Cl. 105-368.
- Cleland, William: See—
- Condon, Howard M., and Cleland. 2,860,678.
- Clem, Arthur G., to American Colloid Co. Chemical compounds and the production thereof. 2,859,234, 11-4-58, Cl. 260-448.
- Clem, Bill, and E. J. Gehrke. Convertible pack sack and camp stool frame. 2,843,185, 7-15-58, Cl. 155-150.
- Clem, Everett W., to Rice Barton Corp. Paper winding machine. 2,837,293, 6-3-58, Cl. 242-65.
- Clem, Everett W., to Rice Barton Corp. Wrapping machine. 2,844,928, 7-29-58, Cl. 53-198.
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- Hager, James W. 2,854,956.
- Clemence, LeRoy W., M. T. Leffler, and W. D. Krueger, to Abbott Laboratories. Chemical composition. 2,843,614, 7-15-58, Cl. 260-440.
- Clemence, Marcel, to Cochelin & Clemence. Apparatus for detecting abnormal temperatures. 2,827,533, 3-18-58, Cl. 200-138.
- Clemens, Clarence M., and C. W. Jane, to Ex-Cell-O Corp. Container opening mechanism. 2,860,467, 11-18-58, Cl. 53-266.
- Clemens, George S. Inconspicuous cord winding and storing device. 2,865,071, 12-23-58, Cl. 24-71.2.
- Clemens, Harry J., to Armour and Co. Method of clarifying water by hydrophobic polyamines. 2,862,880, 12-2-58, Cl. 210-52.
- Clemens, John E., and B. B. Johnstone. High speed apparatus for recording intelligence. 2,829,025, 4-1-58, Cl. 346-74.
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- Clemens, Ludwig. Device for a continuous shaping of superposed sheets of a packing material. 2,821,383, 1-28-58, Cl. 270-52.
- Clement, Alexander L. Reinforcement. 2,826,791, 3-18-58, Cl. 20-92.
- Clement, Clarence H.: See—
- Barret, William M., and Clement. 2,860,340.
- Clément, Jean: See—
- Deprez, Charles, and Clément. 2,849,393.
- Clement, Jean, to Solvay & Cie. Process of producing alkali metal amalgams in mobile mercury cathode cells. 2,829,096, 4-1-58, Cl. 204-124.
- Clement, Joel, to La Cellophane. Apparatus for sealing containers. 2,840,968, 7-1-58, Cl. 53-198.
- Clement, Joseph J. Receptacle. 2,827,217, 3-18-58, Cl. 229-15.
- Clement, Milton A., to General Dynamics Corp. Telephone identification test system. 2,863,958, 12-9-58, Cl. 179-175.2.
- Clement, Warren F., and J. E. Zupanick, to Sperry Rand Corp. Fluid-type spring. 2,865,627, 12-23-58, Cl. 267-1.
- Clementon Hosiery Mill: See—
- Lihn, Manuel M. 2,847,840.
- Clements, Jacob D., Jr. Subterranean telescoping signs. 2,819,547, 1-14-58, Cl. 40-125.
- Clements, MacMillan. Panel. 2,834,064, 5-13-58, Cl. 20-4.
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- Cleminson, Frederick A., to Pilkington Brothers Ltd. Apparatus for use in bending flat glass. 2,857,713, 10-28-58, Cl. 49-67.
- Clemons, Dale R., to Western Electric Co., Inc. Methods of making electrical capacitors. 2,842,652, 7-8-58, Cl. 219-19.
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- Clemons, Floyd: See—
- Patterson, John P., and Clemons. 2,827,703.
- Clemson Bros. Inc.: See—
- Canfield, Richard W. 2,857,725.
- Clemson, Richard D. 2,818,699.
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- Clenny, James T., II, and D. K. Rowen, to Air Reduction Co., Inc. Reagent feeding apparatus. 2,858,125, 10-28-58, Cl. 266-34.
- Cleveland-Cliffs Iron Co., The: See—
- Erck, Louis J., and Violetta. 2,862,807.
- Cleveland Crane & Engineering Co., The: See—
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- Cleveland Electric Motor Co., The: See—
- Sorchy, Anthony J. 2,827,135.
- Sorchy, Anthony J. 2,827,136.
- Cleveland, Frank C., Jr.: See—
- Kerr, Ralph W., and Cleveland. 2,852,393.
- Cleveland, George B. Pounding toy. 2,837,862, 6-10-58, Cl. 46-1.
- Cleveland Heater Co., The: See—
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- Roeger, Richard E. 2,826,818.
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- Cleveland Patents, Inc.: See—
- Avdeenko, Anatol. 2,825,773.
- Cerveny, Walter J., and Wise. 2,859,409.
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- Cleveland Pneumatic Industries, Inc.: See—
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- Hogan, Walter H., and Karlin. 2,847,869.
- Josephson, Robert H. 2,859,986.
- Olson, Raymond G., and Ronfeldt. 2,847,879.
- Prescott, David B. 2,852,247.
- Schuenemann, Paul G., Jr. 2,858,614.
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- Westcott, William B., Jr. 2,851,231.
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- Cleveland Pneumatic Tool Co., The: See—
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- Cleveland Trust Co., The: See—
- Frohlich, Adolf H., and Harris. 2,848,740.
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- Kinkad, Robert E. 2,828,406.
- Cleveland Twist Drill Co., The: See—
- Emmons, Joseph V., and Smith. 2,859,645.
- Wagner, William A. 2,847,885.
- Clevenger, Glenn W., to Bendix Aviation Corp. Automatic frequency control radar systems. 2,856,600, 10-14-58, Cl. 343-17.1.
- Clever, William J., to United States Steel Corp. Self-latching tractor coupling. 2,826,432, 3-11-58, Cl. 280-477.
- Cleverly, Robert B., to American Vitriified Products Co. Apparatus for making sealing means for sewer pipe joints. 2,857,622, 10-28-58, Cl. 18-26.
- Cleversey, Gerald W., to United Shoe Machinery Corp. Rough rounding machines. 2,825,076, 3-4-58, Cl. 12-85.
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- Clevett, Merton L., Jr., to United States of America, Army. Sectional open-web beam. 2,863,533, 12-9-58, Cl. 189-37.
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- Brown, Arling D., Jr., and Valenti. 2,819,624.
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- Budinger, Edwin J., and Kline. 2,855,252.
- Burns, Meryl C. 2,860,832.
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- Fleming, Matthew J., Jr. 2,835,319.
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- Clewett, Glenford H., D. W. A. Lee, and W. B. Schaap, to United States of America, Atomic Energy Commission. Isotope fractionation process. 2,835,687, 5-20-58, Cl. 260—429.1.
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- Cliborn, Robert, and D. O. Nordquest, to Thompson Products, Inc. Injector cover for pumps. 2,865,297, 12-23-58, Cl. 103—103.
- Click, James O. Blackboard ruling device. 2,861,343, 11-25-58, Cl. 33—41.
- Cliff, William. Open web metal joist. 2,860,743, 11-18-58, Cl. 189—37.
- Clifford, Cecil F. Mechanical oscillators. 2,841,986, 7-8-58, Cl. 74—15.
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- Cliff, Gordon R., and J. J. L. Godat, to General Precision Laboratory, Inc. Camera lens turret locking device. 2,862,430, 12-2-58, Cl. 95—45.
- Clift, Thorlis L., to The Standard Oil Co. Tank sampling apparatus. 2,836,068, 5-27-58, Cl. 73—421.
- Clifton Conduit Co., Inc.: *See*—
 Pearson, William S. 2,824,542.
- Clifton, Enoch M. Tree holder. 2,840,331, 6-24-58, Cl. 248—48.
- Clifton-Grant Development Corp., The: *See*—
 Stuart, Clifton F. 2,833,095.
 Stuart, Clifton F. 2,834,169.
- Clifton, John R., and W. L. Parker, to Northrop Aircraft, Inc. Hydraulic servo control valve. 2,822,783, 2-11-58, Cl. 121—46.5.
- Clifton, Kenneth A. Orifice plate centering gauge. 2,840,920, 7-1-58, Cl. 33—180.
- Clifton, Richard N. Anti-skid patch for tires. 2,850,068, 9-2-58, Cl. 152—222.
- Clifton, Walter L., Jr., to American Art Metals Co. Door latch mechanism. 2,836,451, 5-27-58, Cl. 292—21.
- Clifton, Walter L., Jr., to American Art Metals Co. Door hinge. 2,846,713, 8-12-58, Cl. 16—169.
- Clignet, George, to Ste. Verreries Charbonneaux. Apparatus used in compression moulding of objects of glass and like material. 2,843,973, 7-22-58, Cl. 49—36.
- Climax Products Corp.: *See*—
 Baechle, Walter A. 2,819,885.
- Climent, Francis J.: *See*—
 Ginsburgh, Allen S., and Climent. 2,836,172.
- Cline, Edward T.: *See*—
 Cairns, Theodore L., Cline, and Graham. 2,828,287.
- Cline Electric Mfg. Co.: *See*—
 Adams, John R. 2,864,649.
 Paasche, Jens A. 2,819,013.
 Paasche, Jens A. 2,843,425.
- Cline, James E., and J. P. Jasionis, to Sylvania Electric Products, Inc. Method of joining refractory metals. 2,844,868, 7-29-58, Cl. 29—498.
- Cline, James E., and J. P. Jasionis, to United States of America, Army. Method of making thorium oxide cathodes. 2,847,328, 8-12-58, Cl. 117—201.
- Cline, Kermit R. Combined washing and drying apparatus. 2,818,719, 1-7-58, Cl. 68—19.
- Cline, Kermit R., and A. R. Spreen, to Southern Steel & Stove Co. Tobacco looper mechanism. 2,854,151, 9-30-58, Cl. 214—5.5.
- Cline, Leon E., to Owens-Illinois Glass Co. Glass cane and tube severing apparatus. 2,839,872, 6-24-58, Cl. 49—48.
- Cline, McGarvey. Method for refining oleo-resinous material. 2,830,041, 4-8-58, Cl. 260—109.
- Cline, Robert H. Animal insecticide applicator. 2,835,225, 5-20-58, Cl. 119—157.
- Cline, Truman H., to Sears, Roebuck & Co. Pilot light assembly. 2,826,680, 3-11-58, Cl. 240—8.16.
- Cline, William E., M. M. De Lancey, and D. A. Engelbrecht, to E. I. du Pont de Nemours and Co. Process for granulating urea-formaldehyde fertilizer compositions. 2,835,452, 5-20-58, Cl. 241—23.
- Clingman, Paul E., to General Motors Corp. Method of bonding. 2,838,436, 6-10-58, Cl. 154—110.
- Clingman, William H., Jr., to The American Oil Co. Removal of impurities from hydrocarbon oxidation products. 2,825,741, 3-4-58, Cl. 260—533.
- Clingman, William H., Jr., to The American Oil Co. Oxidation of naphthenes. 2,830,084, 4-8-58, Cl. 260—533.
- Clingman, William H., Jr., to The American Oil Co. Synthesis of carboxylic acids. 2,849,484, 8-26-58, Cl. 260—533.
- Clinton, Ernest: *See*—
 Hill, Eugene F., and Clinton. 2,820,032.
- Clinton Machine Co.: *See*—
 Agar, Kenneth C. 2,837,070.
 Calver, William H. 2,832,237.
- Clinton, Raymond O., to Sterling Drug Inc. Δ^5 -unsaturated d-homosteroids and process. 2,822,350, 2-4-58, Cl. 260—488.
- Clinton, Raymond O., to Sterling Drug Inc. Compounds of the perhydrochrysene series and preparation thereof. 2,822,382, 2-4-58, Cl. 260—488.
- Clinton, Raymond O., to Sterling Drug Inc. Compounds of the perhydrochrysene series and preparation thereof. 2,860,158, 11-11-58, Cl. 260—488.
- Clinton, Raymond O., and A. L. Beyler, to Sterling Drug Inc. 3 β -cycloalkylacyloxy-17 β -hydroxy-17 α -ethynyl-5-androstenes and androstanes and their preparation. 2,830,063, 4-8-58, Cl. 260—397.5.
- Clinton, Raymond O., and S. C. Laskowski, to Sterling Drug Inc. Lower-alkyl 5-amino-2-(tertiary-aminoalkoxy) benzoates and their preparation. 2,847,344, 8-12-58, Cl. 167—52.
- Clinton, Vernon B., to Cluett, Peabody & Co., Inc. Bathing garment for men. 2,824,560, 2-25-58, Cl. 128—159.
- Clinton, Walter R.: *See*—
 Eaves, Hubert H., and Clinton. 2,834,846.
- Clinton Watch Co.: *See*—
 Menes, Herbert. 2,838,238.
- Clintman, De Witt C., to G. Miller. Animated dummy. 2,856,729, 10-21-58, Cl. 46—135.
- Clipper Mfg. Co.: *See*—
 Harclerode, John R. 2,835,243.
 Harclerode, John R. 2,863,440.
 Harclerode, John R. 2,863,441.
- Clogston, Albert M., to Bell Telephone Laboratories, Inc. Magnetically loaded anisotropic transmitting medium. 2,825,759, 3-4-58, Cl. 178—45.
- Clogston, Albert M., to Bell Telephone Laboratories, Inc. Magnetically loaded electrical conductors. 2,825,760, 3-4-58, Cl. 178—45.
- Clohecy, Robert J., and B. Hustead. Scalp massaging and dandruff removing apparatus. 2,827,895, 3-25-58, Cl. 128—67.
- Cloherly, Desmond J.: *See*—
 Emblem, Harold G., and Cloherly. 2,842,444.
 Emblem, Harold G., and Cloherly. 2,842,445.
- Clorox Co., The: *See*—
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- Close, James A.: *See*—
 Jones, Harry W., and Close. 2,855,243.
- Close, Richard N., to United States of America, Air Force. C-R tube deflection circuit. 2,853,650, 9-23-58, Cl. 315—27.
- Close, Samuel: *See*—
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- Closson, Rex D., to Ethyl Corp. Organometallic compounds. 2,850,528, 9-2-58, Cl. 260—541.
- Cloud, Raymond T., to North American Geophysical Co. Null detecting system for pendulums and similar devices. 2,827,604, 3-18-58, Cl. 318—31.
- Clough, Harry, to Imperial Chemical Industries Ltd. Stabilization of phenylphenols. 2,829,176, 4-1-58, Cl. 260—620.
- Clough, Philip J.: *See*—
 Moore, James H., and Clough. 2,857,297.
- Clough, Robert C., and H. A. Dvorak, J. S. Gellatly, and H. A. Myers, to Western Electric Co., Inc. Apparatus for welding contacts onto a part. 2,823,296, 2-11-58, Cl. 219—79.
- Clough, Robert C., R. B. Graf, and J. F. Kruzic, to Western Electric Co., Inc. Molding apparatus. 2,841,822, 7-8-58, Cl. 18—16.
- Clovis, Edward J., to McClintock Mfg. Co. Bracket. 2,823,000, 2-11-58, Cl. 248—33.
- Clow, Raymond W., and J. J. Snyder. Mineral separator. 2,858,064, 10-28-58, Cl. 233—24.
- Clowd, Inc.: *See*—
 Shapiro, Lawrence S. 2,824,393.
- Cluett, Peabody & Co., Inc.: *See*—
 Bailey, Fred D. 2,826,159.
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- Macrides, Philip C. Re. 24,461.
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- Clurman, Stanley P. Coffee brewing device. 2,835,191, 5-20-58, Cl. 99—322.
- Clurman, Stanley P. Beverage brewing device including densitometer. 2,835,412, 5-20-58, Cl. 222—158.
- Cluven, Johannes M.: *See—*
Van Urk, Arend T., and Cluven. 2,844,786.
- Cluven, Johannes M., to North American Philips Co., Inc. Magnetic device for converting a first rotary motion into a second rotary motion of lower speed. 2,829,327, 4-1-58, Cl. 318—325.
- Cluven, Johannes M., to North American Philips Co., Inc. Magnetic or dielectric amplifier. 2,835,747, 5-20-58, Cl. 179—171.
- Cluven, Johannes M., to North American Philips Co., Inc. Device for maintaining mechanical oscillations. 2,843,742, 7-15-58, Cl. 250—36.
- Cluven, Johannes M., to North American Philips Co., Inc. Transistor modulator. 2,846,652, 8-5-58, Cl. 332—52.
- Cluven, Johannes M., to North American Philips Co., Inc. Arrangement for converting a rotational movement in one direction into a tangentially oscillating movement about a shaft or conversely. 2,852,709, 9-16-58, Cl. 310—99.
- Cluven, Johannes M., to North American Philips Co., Inc. Magnetic device for aiding in locating a position. 2,853,869, 9-30-58, Cl. 70—454.
- Cluven, Johannes M., to North American Philips Co., Inc. Arrangement for converting a tangentially oscillating movement about a shaft into a rotational movement in one direction. 2,857,538, 10-21-58, Cl. 310—103.
- Cluven, Johannes M., to North American Philips Co., Inc. Frequency conversion of signal oscillation without use of an auxiliary local oscillation. 2,859,336, 11-4-58, Cl. 250—20.
- Clymer, Dewey M., to Chase Bag Co. Tie string looper and folder. 2,846,964, 8-12-58, Cl. 112—2.
- Clymer, Joseph D., to Tokheim Corp. Safety disconnect valve with swivel joints. 2,840,108, 6-24-58, Cl. 137—565.
- Clymer, Wilbur L.: *See—*
Beebe, Henry C., Neff, and Clymer. 2,857,881.
- Clyne, Joseph, to Flexsleeve, Inc. Pull-free garment construction. 2,848,719, 8-26-58, Cl. 2—125.
- Clynes, Marcel, and J. A. Herbst, to Bogue Electric Mfg. Co. Lifting and lowering mechanism for sonar dome. 2,865,318, 12-23-58, Cl. 114—5.
- Clyserol Laboratories, Inc.: *See—*
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- Coach and Car Equipment Corp.: *See—*
Brandon, Joseph J. 2,839,125.
- Coachcraft, Ltd.: *See—*
Robert, Alan A., and Keckstein. 2,838,362.
- Coakley Lige: *See—*
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- Coal Industry (Patents) Ltd.: *See—*
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- Hirst, Arthur A. 2,859,872.
- Jones, David C. R., and Gregory. 2,860,957.
- Coale, Thomas C., and W. F. Heyman. Projectable slide rule. 2,841,889, 7-8-58, Cl. 35—39.
- Coanda, Henri, to Sebac Nouvelle S. A. Atomizers. 2,826,454, 3-11-58, Cl. 299—88.5.
- Coar, Richard J., to United Aircraft Corp. Valve arrangement for afterburner igniter control. 2,819,587, 1-14-58, Cl. 60—35.6.
- Coar, Richard J., to United Aircraft Corp. Pressure responsive control device. 2,820,435, 1-21-58, Cl. 121—46.5.
- Coar, Richard J., to United Aircraft Corp. Afterburner fuel metering device for turbojet engines. 2,828,606, 4-1-58, Cl. 60—39.28.
- Coar, Richard J., to United Aircraft Corp. Fuel control system for turbojet engine with afterburner. 2,830,436, 4-15-58, Cl. 60—39.28.
- Coast Coil Co.: *See—*
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- Coast Metals, Inc.: *See—*
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- Carlson, George L. 2,827,519.
- Coast Wire Co.: *See—*
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- Coastal Mfg. Corp.: *See—*
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- Peak, Maitland J., and Jensen. 2,847,654.
- Coastal Valley Canning Co.: *See—*
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- Coates, George A. Transmitter with vibratile air coupling. 2,853,146, 9-23-58, Cl. 181—31.
- Coates, Harold, and P. R. Carter, to Minister of Supply, in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Production of alkyl phosphonil fluorides. 2,853,515, 9-23-58, Cl. 260—543.
- Coates, Joseph F., and R. M. Lincoln, to The Atlantic Refining Co. Polyethoxy tertiary-alkyl benzoates. 2,840,594, 6-24-58, Cl. 260—476.
- Coates, Leroy, and A. Saylor. Lifting crane. 2,862,628, 12-2-58, Cl. 212—65.
- Coates, Norman: *See—*
Gilbert, Charles E. 2,865,092.
- Coates, Sydney N. Two-compartment hot water tank. 2,834,865, 5-13-58, Cl. 219—38.
- Coates, W. Shelby: *See—*
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- Coats & Clark, Inc.: *See—*
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- Morin, Louis H. 2,862,610.
- Morin, Louis H., and Gries. 2,861,333.
- Coats, George M., C. E. Loeser, and P. M. Dana, to Esso Research and Engineering Co. Coke handling system. 2,857,319, 10-21-58, Cl. 202—227.
- Coats, Gilbert E. Tire bead breaking apparatus. 2,842,191, 7-8-58, Cl. 157—126.
- Coats, Robert R., and G. A. Williams, to Imperial Chemical Industries Ltd. Separation of xylenes. 2,824,147, 2-18-58, Cl. 260—674.
- Cobaugh, Robert F., and M. L. Klingler, to AMP Inc. Hand operated crimping tool. 2,863,346, 12-9-58, Cl. 81—15.
- Cobb, Alfred E. Card-type resistance device. 2,847,543, 8-12-58, Cl. 201—63.
- Cobb, Alfred E. Switch. 2,864,909, 12-16-68, Cl. 200—46.
- Cobb, Clifton A.: *See—*
Geldhof, Peter E., and Cobb. 2,843,943.
- Cobb, Clifton A., to Whirlpool Corp. Automatic fluid mixing valve. 2,826,367, 3-11-58, Cl. 236—12.
- Cobb, Donald R.: *See—*
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- Cobb, George, Bedstead attached cervical traction means. 2,831,482, 4-22-58, Cl. 128—84.
- Cobb, Harold E., and P. F. White, to Furnas Electric Co. Magnetic switch. 2,855,482, 10-7-58, Cl. 200—104.
- Cobb, James W., Jr. Beverage bottle case. 2,840,256, 6-24-58, Cl. 220—4.
- Cobb, Joseph R., Jr., to Phillips Petroleum Co. Recovery of olefin hydrocarbons. 2,855,433, 10-7-58, Cl. 260—677.
- Cobb, Leland D., to General Motors Corp. One-way clutch. 2,837,188, 6-3-58, Cl. 192—45.1.
- Cobb, Leland D., to General Motors Corp. Demountable closure. 2,845,285, 7-29-58, Cl. 286—11.
- Cobb, Leland D., to General Motors Corp. Antifriction bearing. 2,845,311, 7-29-58, Cl. 308—216.
- Cobb, Leland D., to General Motors Corp. Method of applying a bearing seal. 2,850,792, 9-9-58, Cl. 29—148.4.
- Cobb, Leland D., to General Motors Corp. Closure. 2,856,208, 10-14-58, Cl. 286—5.
- Cobble Brothers Machinery Co.: *See—*
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- Cobble Brothers Machinery Co., Inc.: *See—*
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- Cobbs, Walter H., Jr., to E. I. du Pont de Nemours and Co. Regenerated cellulose packaging materials and process. 2,819,985, 1-14-58, Cl. 117—76.
- Cobean, Richard W.: *See—*
Myers, George B., and Cobean. 2,821,634.
- Coberly, Charles W.: *See—*
Coberly, Clarence J., and C. W. 2,851,340.
- Coberly, Charles W., and A. W. Barsom, to Coberly & Plumb. Subsoil injector. 2,849,970, 9-2-58, Cl. 111—7.
- Coberly, Clarence J., to Kobe, Inc. Two-zone pumping system and method. 2,822,757, 2-11-58, Cl. 103—46.
- Coberly, Clarence J., to Wulff Process Co. Ceramic checker mass. 2,823,027, 2-11-58, Cl. 263—51.
- Coberly, Clarence J., to Wulff Process Co. Process of concentrating acetylene from a gaseous mixture by use of a single solvent. 2,830,677, 4-15-58, Cl. 183—115.
- Coberly, Clarence J., to Kobe, Inc. Counterflow free pump system. 2,851,954, 9-16-58, Cl. 103—46.
- Coberly, Clarence J., and C. W., to Wulff Process Co. Apparatus for producing acetylene by the pyrolysis of a suitable hydrocarbon. 2,851,340, 9-9-58, Cl. 23—277.
- Coberly & Plumb: *See—*
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- Cobert, Arthur J., 50% to Beautiful Bryans, Inc. Thread puller holder and cutter. 2,844,016, 7-22-58, Cl. 66—82.
- Cobert, Arthur J., 50% to Beautiful Bryans, Inc. Method and apparatus to draw off a fold of welt fabric. 2,853,863, 9-30-58, Cl. 66—96.
- Cobert, Arthur J., to Beautiful Bryans, Inc. Hosiery of thermoplastic yarn and method of knitting the same. 2,853,867, 9-30-58, Cl. 66—182.
- Cobert, Arthur J. Automatic welt turning mechanism for straight bar knitting machines. 2,860,501, 11-18-58, Cl. 66—96.
- Cobey Corp., The: *See—*
Witwer, Wallace J. 2,860,915.
- Cobl, Walter H. Concrete form holders. 2,866,252, 12-30-58, Cl. 25—131.5.
- Cobin, Jacob C., to North American Aviation, Inc. Cable disconnect coupling. 2,866,244, 12-30-58, Cl. 24—68.
- Cobo, Alfred H., to General Motors Corp. Valve lifter cylinder and method of making same. 2,845,914, 8-5-58, Cl. 123—90.
- Coburn, John F., to The B. F. Goodrich Co. Hot water bottle package. 2,819,791, 1-14-58, Cl. 206—17.5.
- Coburn, Wallace A., to C. T. Electrical Controls Ltd. Electric power distribution system and electric circuit breaker for use therein. 2,820,150, 1-14-58, Cl. 307—35.
- Coburn, Wallace A., to C. T. Electrical Controls Ltd. Electric circuit breaker. 2,864,914, 12-16-58, Cl. 200—116.
- Coburn, Wallace A., to C. T. Electrical Controls Ltd. Thermally operated electric switching mechanisms. 2,866,035, 12-23-58, Cl. 200—116.
- Coca-Cola Co., The: *See—*
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- Cochardt, Alexander W., and R. W. Hogue, to Westinghouse Electric Corp. High damping alloy and members prepared therefrom. 2,829,048, 4-1-58, Cl. 75—171.
- Cochelin & Clemence: *See*—
Clemence, Marcel. 2,827,533.
- Cochran, Carl J., to Pittsburgh Plate Glass Co. Process for continuous drying, washing and cutting of vinyl sheeting. 2,842,800, 7-15-58, Cl. 18—48.
- Cochran, Clyde D., to Jersey Production Research Co. Coring bit assembly. 2,862,691, 12-2-58, Cl. 255—72.
- Cochran Equipment Co.: *See*—
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Shaw, Hugh H., Sanderson, and Bradshaw. 2,825,573.
- Cochran, John T.: *See*—
Drew, Charles E., and Cochran. 2,829,899.
- Cochran, Maurice E., 15% to P. Jones, and 15% to F. E. Marvin. Braking or trolling attachment for boats. 2,864,330, 12-16-58, Cl. 114—145.
- Cochran, Walter M.: *See*—
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- Cochran, Walter M., M. L. Ott, and C. W. Lantz, to The Glidden Co. Rearranged base stock triglyceride products and process of making same. 2,859,119, 11-4-58, Cl. 99—118.
- Cochran, Walter M., C. W. Lantz, and M. L. Ott, to The Glidden Co. Flavor-stable rearranged fats from domestic oils. 2,859,120, 11-4-58, Cl. 99—118.
- Cochrane, Alfred P. M. Screw and nut assembly. 2,851,897, 9-16-58, Cl. 74—459.
- Cochrane Corp.: *See*—
Daugherty, Edgar S. 2,819,886.
Williams, John G. 2,825,359.
- Cochrane, Reuel A., 50% to The Gamble Co. Rock lock type coupler for tractor-trailer fifth wheel locking mechanism. 2,833,560, 5-6-58, Cl. 280—437.
- Cochrane, Reuel A., to The Gamble Co., Inc. Fifth wheel coupling. 2,855,221, 10-7-58, Cl. 280—434.
- Cock, Rudolf J.: *See*—
Van Abbe, Henri H., and Cock. 2,823,269.
- Cockburn, Curtis D.: *See*—
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- Cockburn, Curtis D., to United States of America, Navy. Automatic gain and noise limiting circuit for a radar range unit. 2,852,672, 9-16-58, Cl. 250—27.
- Cockburn, Stanley D., and C. J. Griswold, Jr., to General Motors Corp. Remote handle blackout for automobile door latch. 2,864,639, 12-16-58, Cl. 292—280.
- Cocker Machine and Foundry Co.: *See*—
Freeze, William L. 2,844,335.
Suggs, Thomas F. 2,860,400.
Suggs, Thomas F. 2,862,280.
- Cockerill, Gerald I., to J. H. Conner & Son, Ltd. Washing machine agitator assembly. 2,841,973, 7-8-58, Cl. 68—133.
- Cockran Motors: *See*—
Shaw, Hugh H., Sanderson, and Bradshaw. 2,855,741.
- Cockrell, Jesse S. Motor vehicle laundry. 2,862,222, 12-2-58, Cl. 15—302.
- Cockrell, Otto I.: *See*—
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- Cocks, George: *See*—
Brindley, Frederick, and Cocks. 2,854,055.
- Cocks, Thomas G., to National Aluminate Corp. Process of improving and maintaining the water permeability of geological formations. 2,852,077, 9-16-58, Cl. 166—9.
- Cocks, Walter E., and W. A. Dutton, to Meredith Publishing Co. Apparatus for pressure casting of printing plates. 2,842,818, 7-15-58, Cl. 22—58.
- Cockshutt Farm Equipment Ltd.: *See*—
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- Cocup, George A.: *See*—
Goodbar, Mayo A., Cocup, and Donovan. 2,853,232.
- Coda, Nello, and K. Challstrom, to Erie Resistor Corp. Condenser. 2,830,698, 4-15-58, Cl. 206—56.
- Coda, Nello, and K. Challstrom, to Erie Resistor Corp. Network assembly. 2,866,136, 12-23-58, Cl. 317—101.
- Coder, George J. Scarifier for earth handling shovels. 2,856,707, 10-21-58, Cl. 37—142.
- Codman, F. L. & J. C., Co.: *See*—
Hall, Elisha W. 2,819,567.
- Cody, John B., to A. J. Lohoa. Rotary shelf unit. 2,831,582, 4-22-58, Cl. 211—146.
- Coe, Clarence S., to Union Oil Co. of California. Process for sweetening and stabilizing cracked gasolines. 2,835,564, 5-20-58, Cl. 44—78.
- Coe Laboratories, Inc.: *See*—
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- Coe Mfg. Co., The: *See*—
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- Coe, Merrill J., to Sutherland Paper Co. Collapsible carton. 2,823,848, 2-18-58, Cl. 229—39.
- Coen, Cesare: *See*—
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- Coenen Fillatre, Catherine: *See*—
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- Coeterier, Frederick, to North American Philips Co., Inc. Resonator system for discharge tubes. 2,838,710, 6-10-58, Cl. 315—5.51.
- Coeur d'Alene Hardware and Foundry Co.: *See*—
James, Lawrence A. 2,833,427.
- Cofer, Kenneth B., to Shell Development Co. Continuous hydrolysis of epichlorohydrin. 2,838,574, 6-10-58, Cl. 260—635.
- Cofer, Thomas N., and A. J. Borchers. Transmission line support. 2,844,643, 7-22-58, Cl. 174—6.
- Coffee, Ralph E.: *See*—
McDonnell, Thomas F., and Coffee. 2,860,042.
- Coffeen, William W., to Metal & Thermit Corp. Ceramic dielectric composition. 2,838,407, 6-10-58, Cl. 106—46.
- Coffelt, Lester S. Combined valve seat and guide fixture for flush tanks. 2,834,027, 5-13-58, Cl. 4—56.
- Coffelt, Lester S. Guide fixture for flush tanks. 2,865,029, 12-23-58, Cl. 4—56.
- Coffey, Charles D., to Minneapolis-Honeywell Regulator Co. Combined snap-acting and modulating valve. 2,831,504, 4-22-58, Cl. 137—630.15.
- Coffey, Charles D., to Minneapolis-Honeywell Regulator Co. Safety valve. 2,850,032, 9-2-58, Cl. 137—66.
- Coffey, Daniel J. Level supporting device. 2,852,858, 9-23-58, Cl. 33—207.
- Coffey, Frank O.: *See*—
Hayhurst, Lewis J., and Coffey. 2,835,326.
- Coffey, Irven E., to ACF Industries Inc. Sealing means for diaphragm casings. 2,834,299, 5-13-58, Cl. 103—202.
- Coffin, Harry A., 50% to V. F. Scholz. Hot water system and controls therefor. 2,823,695, 2-18-58, Cl. 137—337.
- Coffman, Alden W., and R. B. Cullen, to H. H. Robertson Co. Wall panel. 2,841,253, 7-1-58, Cl. 189—34.
- Coffman, Alvin: *See*—
Reguly, Lewis J., Marshall, Coffman, and Lysek. 2,849,231.
- Coffman, James V., to The Patterson Foundry & Machine Co. Swing gate for processing vessels. 2,823,825, 2-18-58, Cl. 220—57.
- Cofield, Eugene P., Jr., to Scripto, Inc. Writing instrument and ink therefor. 2,853,972, 9-30-58, Cl. 120—42.4.
- Cogar, Joseph M. Barbecue truck. 2,851,941, 9-16-58, Cl. 99—259.
- Cogdell, Thomas J.: *See*—
Hamilton, Dallas E., and Cogdell. 2,831,902.
- Cogger, Kenneth O., to Aluminum Co. of America. Stranding mechanisms. 2,826,035, 3-11-58, Cl. 57—17.
- Coggeshall, Almy D., to General Electric Co. Support means for rotor end windings of dynamo-electric machines. 2,844,746, 7-22-58, Cl. 310—65.
- Coggeshall, Norman D., to Gulf Oil Corp. Chromatographic method and apparatus. 2,841,005, 7-1-58, Cl. 73—23.
- Coggeshall, Thelwell R., and U. R. Tognella, to General Electric Co. Closing mechanism for an electric circuit breaker. 2,846,621, 8-5-58, Cl. 317—54.
- Coggeshall, Thelwell R., and H. Buny, to General Electric Co. Electric protective equipment. 2,862,194, 11-25-58, Cl. 336—173.
- Cogley, Vaughn J. Combination rail and ladder for bunk beds. 2,839,765, 6-24-58, Cl. 5—317.
- Cohan, Henry, to United States of America, Navy. Platform guidance system for shock test machine. 2,861,449, 11-25-58, Cl. 73—12.
- Cohan, William E., and E. A. Goldman, to Westinghouse Electric Corp. Microwave switching tubes. 2,828,442, 3-25-58, Cl. 315—39.
- Cohen, Abraham B., and S. E. Levy; said Cohen to A. Blumenfeld. Auxiliary wave propagating and directing attachment for loudspeaker diaphragms. 2,845,135, 7-29-58, Cl. 181—31.
- Cohen, Abraham B., and S. Levy; said Cohen assor. to A. Blumenfeld. Combined loudspeaker diaphragm and horn. 2,852,089, 9-16-58, Cl. 181—31.
- Cohen, Albert M., to Franklin Sweater Mills, Inc. Knitted stretch swim trunks and bathing suits. 2,854,669, 10-7-58, Cl. 2—67.
- Cohen, Alfred G.: *See*—
Small, Samuel N. Re. 24,477.
Small, Samuel N. 2,863,466.
Small, Samuel N. 2,863,468.
- Cohen, Arthur M. Variable resistor. 2,866,876, 12-30-58, Cl. 201—48.
- Cohen, Benjamin. Simulated kerchief. 2,849,722, 9-2-58, Cl. 2—279.
- Cohen, Benjamin H. Trolling sinker. 2,841,915, 7-8-58, Cl. 43—42.72.
- Cohen, Charles A.: *See*—
Mikeska, Louis A., Morway, and Cohen. 2,850,459.
- Cohen, Charles A., to Esso Research and Engineering Co. Hydrogenated polycarboxylic derivatives of cyclodienes. 2,848,485, 8-19-58, Cl. 260—514.
- Cohen, Charles L.: *See*—
Farvin, Richard H., and Cohen. 2,858,622.
- Cohen, David: *See*—
Cohen, Harry. 2,847,014.
- Cohen, David, to General Electric Co. Two-way pump. 2,838,002, 6-10-58, Cl. 103—2.
- Cohen, David, to United States of America, Army. Method and apparatus for frequency division. 2,852,671, 9-16-58, Cl. 250—36.
- Cohen, David B. Color slide negative printer and duplicator. 2,857,830, 10-28-58, Cl. 95—75.
- Cohen, Elie, and S. Roth, to L. Maiditch. Electromagnetic slip coupling. 2,847,594, 8-12-58, Cl. 310—96.

- Cohen, Harry, to Technicon International Ltd. Automatic immersion apparatus. 2,845,044, 7-29-58, Cl. 118-425.
- Cohen, Harry, to D. Cohen. Tourniquet. 2,847,014, 8-12-58, Cl. 128-327.
- Cohen, Harry I. Anti-glare shield. 2,829,920, 4-8-58, Cl. 296-97.
- Cohen, Herbert. Belt buckle. 2,855,650, 10-14-58, Cl. 24-168.
- Cohen, Hyam. Pocket book structure. 2,840,437, 6-24-58, Cl. 312-319.
- Cohen, Jerome: See—
Veis, Arthur, and Cohen. 2,838,363.
- Cohen, Leonard. Method for making metal spools. 2,857,665, 10-28-58, Cl. 29-513.
- Cohen, Leonard P. $\frac{1}{10}$ to J. F. Woerner and $\frac{1}{4}$ to C. E. Lightfoot. Heat exchange apparatus. 2,861,781, 11-25-58, Cl. 257-243.
- Cohen, Lester S., and J. R. Zietz, Jr., to Ethyl Corp. Polypropenylbenzene. 2,839,517, 6-17-58, Cl. 260-93.5.
- Cohen, Marvin C. Meat package. 2,838,404, 6-10-58, Cl. 99-174.
- Cohen, Maurice. Garment display rack. Re. 2,442,7, 2-11-58, Cl. 211-165.
- Cohen, Maurice, and J. Karson. Vehicle cover. 2,849,012, 8-26-58, Cl. 135-5.
- Cohen, Milton J., to Miljam Instrument Corp. Hypodermic syringe. 2,854,975, 10-7-58, Cl. 128-218.
- Cohen, Milton J., and R. K. McConnaughey. Hypodermic syringe. 2,841,144, 7-1-58, Cl. 128-218.
- Cohen, Milton J., and R. K. McConnaughey, to Mil-jam Instrument Corp. Hypodermic syringe. 2,847,996, 8-19-58, Cl. 128-218.
- Cohen, Murray S.: See—
Katz, Leon, and Cohen. 2,820,042.
- Katz, Leon, Cohen, and Schroeder. 2,824,876.
- Cohen, Nathaniel L., and J. J. Turano, to Air Associates, Inc. Facsimile recorder. 2,825,622, 3-4-58, Cl. 346-136.
- Cohen, Oscar P., to Monsanto Chemical Co. Aqueous thermosetting adhesive comprising a salt of sulfonated polystyrene and an amine aldehyde resin. 2,852,480, 9-16-58, Cl. 260-29.4.
- Cohen, Oscar P., and M. J. Scott, to Monsanto Chemical Co. Textile materials with an anti-static finish and process for making same. 2,837,446, 6-3-58, Cl. 117-138.8.
- Cohen, Oscar P., H. M. Culbertson, and L. E. Rademacher, to Monsanto Chemical Co. Process for the production of monophenylmelamine. 2,861,071, 11-18-58, Cl. 260-249.6.
- Cohen, Robert. Contour mattress. 2,836,836, 6-3-58, Cl. 5-351.
- Cohen, Ruth, and C. Samet, $\frac{1}{2}$ to W. Grebow. Combination plier type tool with light. 2,854,564, 9-30-58, Cl. 240-6.46.
- Cohen, Samuel A., and E. R. Mower, to Bonafide Mills, Inc. Felt base floor covering and method of making the same. 2,860,071, 11-11-58, Cl. 117-72.
- Cohen, Saul G.: See—
Blout, Elkan R., Cohen, and Green. 2,843,481.
- Blout, Elkan R., Cohen, Corley, and Simon. 2,852,573.
- Haas, Howard C., and Cohen. 2,835,653.
- Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,274.
- Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,275.
- Land, Edwin H., Cohen, and Tracy. 2,857,276.
- Cohen, Sidney B., to Sperry Rand Corp. Servo system using a magnetic amplifier mixer. 2,832,019, 4-22-58, Cl. 318-30.
- Cohen, Sylvan I.: See—
Frant, Martin S., and Cohen. 2,865,805.
- Cohn, Arthur D. Container. 2,823,723, 2-18-58, Cl. 150-10.
- Cohn, David, to Model Plastic Corp. Weeping doll. 2,819,560, 1-14-58, Cl. 46-135.
- Cohn, David, to Model Plastic Corp. Flexible doll leg adapted for use with a walking mechanism. 2,850,840, 9-9-58, Cl. 46-161.
- Cohn, David, to Model Plastics Corp. Machine for assembling eyes in doll heads. 2,865,090, 12-23-58, Cl. 29-209.
- Cohn, David, to Model Plastic Corp. Attachment of doll limb to doll body. 2,865,134, 12-23-58, Cl. 46-173.
- Cohn, David, and H. R. Beebe, to American Character Doll Co., Inc. Wiggled doll head. 2,820,326, 1-21-58, Cl. 46-172.
- Cohn, Edwin J., deceased; R. R. Cohn, C. A. Coolidge, and E. Seligman, executors of said E. J. Cohn, to Protein Foundation, Inc. Continuous feed centrifuge. 2,822,126, 2-4-58, Cl. 233-1.
- Cohn, Edwin J., deceased; R. R. Cohn, C. A. Coolidge, and E. Seligman, executors of said E. J. Cohn, to Protein Foundation, Inc. Separation of formed and fluid blood components. 2,822,315, 2-4-58, Cl. 167-74.
- Cohn, Eugene: See—
Cohn, Samuel and E., Catallo, and J. Cohn. 2,831,233.
- Cohn, Eugene, and A. J. Abrams, to Secon Metals Corp. Precious metal electrical resistance wires. 2,819,162, 1-7-58, Cl. 75-172.
- Cohn, George: See—
Greenhouse, Alex, and Cohn. 2,847,843.
- Cohn, George. Fuel distribution systems. 2,857,898, 10-28-58, Cl. 123-122.
- Cohn, Hans: See—
Catotti, Arthur J., Cohn, and Grad. 2,853,445.
- Cohn, Harold J. Flooring. 2,860,385, 11-18-58, Cl. 20-8.
- Cohn, J. Bradley: See—
Elliott, James D., Jordan, Pegnim, and Cohn. 2,844,314.
- Cohn, Joseph: See—
Cohn, Samuel and E., Catallo, and Cohn. 2,831,233.
- Cohn, Louis A. Dental saliva ejector. 2,859,518, 11-11-58, Cl. 32-33.
- Cohn, Louis A. Dental retractor and saliva ejector. 2,859,519, 11-11-58, Cl. 32-33.
- Cohn, Louis I. Hand truck and dolly. 2,820,643, 1-21-58, Cl. 280-34.
- Cohn, Maurice, to Akim Engineering Co., Inc. Machine for applying fastening devices to fabric articles. 2,852,777, 9-23-58, Cl. 1-3.
- Cohn, Nathan, to Leeds and Northrup Co. Generation control with normal-assist and emergency-assist actions. 2,831,125, 4-15-58, Cl. 290-4.
- Cohn, Nathan, to Leeds and Northrup Co. Systems for computing and controlling the generation of interconnected sources. 2,866,102, 12-23-58, Cl. 307-57.
- Cohn, Rebekah R.: See—
Cohn, Edwin J. 2,822,126.
- Cohn, Edwin J. 2,822,315.
- Cohn, Samuel, and J. G. Walter, deceased (by E. M. Walter, executrix), to Samcoe Holding Corp. Fabric treating apparatus. 2,826,167, 3-11-58, Cl. 118-34.
- Cohn, Samuel and E., F. Catallo, and J. Cohn, to Samcoe Holding Corp. Method and apparatus for treating continuous lengths of textile fabric. 2,831,233, 4-22-58, Cl. 26-18.5.
- Cohn, Seymour B., to Sperry Rand Corp. Microwave frequency meter. 2,819,453, 1-7-58, Cl. 333-83.
- Cohn, Seymour B., to Sperry Rand Corp. Standing wave detector. 2,822,517, 2-4-58, Cl. 324-58.
- Cohn, Seymour B., to Sperry Rand Corp. Diversity polarization radar system. 2,851,681, 9-9-58, Cl. 343-5.
- Cohn, Sigmund, Corp.: See—
Brenner, Bert. 2,840,468.
- Coin-a-Matic, Inc.: See—
Clark, Thomas W. 2,843,241.
- Colner, Leonard. Tucking assembly for sewing machines. 2,823,631, 2-18-58, Cl. 112-132.
- Coker, Morton M., to Caterpillar Tractor Co. Fluid pressure system and control. 2,846,848, 8-12-58, Cl. 60-52.
- Coker, William P., and G. W. Strother, Jr., to The Dow Chemical Co. Preparation of 2,5-dimethylpiperazine. 2,861,994, 11-24-58, Cl. 260-268.
- Cola, Rudolph A.: See—
Fan, Sin-Pih, and Cola. 2,834,912.
- Fan, Sin-Pih, and Cola. 2,848,646.
- Cola, Rudolph A., to Burroughs Corp. Variable scale counter. 2,856,558, 10-14-58, Cl. 315-8.5.
- Cola, Rudolph A., to Burroughs Corp. Variable counter circuit. 2,857,550, 10-21-58, Cl. 315-8.5.
- Colaiaco, August P.: See—
Boyer, John L., and Colaiaco. 2,849,665.
- Colaianni, Louis J., and M. L. Tanzer, to Hoffmann-La Roche Inc. Unsaturated tertiary ethers and preparation thereof. 2,841,620, 7-1-58, Cl. 260-611.
- Colangelo, Marco A., $\frac{1}{2}$ to W. Kaplan. Mop holder having resilient sliding clamping jaw. 2,859,464, 11-11-58, Cl. 15-151.
- Colangelo, Virginia A. Shell fish opener. 2,854,688, 10-7-58, Cl. 17-10.
- Colasanto, Dominick W., to Radio Corp. of America. Apparatus for coating simultaneously a plurality of separate metal articles. 2,861,936, 11-25-58, Cl. 204-199.
- Colast A. G.: See—
Bollinger, Karl. 2,856,259.
- Colbert, Donald: See—
Keen, Harry J., Muller, Colbert, and Papaieck. 2,837,650.
- Colbert, Lee J. Sheathed electrical cables. 2,835,724, 5-20-58, Cl. 174-113.
- Colbert, William H., W. L. Morgan, and A. R. Weinrich, to Libbey-Owens-Ford Glass Co. Electrically conducting coated glass or ceramic articles suitable for use as a lens, a window or a windshield, or the like. 2,852,415, 9-16-58, Cl. 117-211.
- Colborne, William G. Warm air furnace. 2,830,575, 4-15-58, Cl. 126-110.
- Colby, Norman R., and G. F. Hershey, to The Dow Chemical Co. Reclaiming particulate magnesium and magnesium-base alloy scrap. 2,843,473, 7-15-58, Cl. 75-63.
- Colburn, Beal E. and L., to R. F. Williams. Dispenser for paper towels and the like having controlled operation. 2,830,810, 4-15-58, Cl. 271-2.3.
- Colburn, Beal E. and L., to Homeward Products, Inc. Power operated fish scaler. 2,835,919, 5-27-58, Cl. 17-5.
- Colburn, Lee: See—
Colburn, Beal E. and L. 2,830,810.
- Colburn, Beal E. and L. 2,835,919.
- Colburn, Richard R. Tractor and sulky attachment therefor. 2,855,060, 10-7-58, Cl. 180-11.
- Colby, Fred B.: See—
Kelley, Ralph R., and Colby. 2,845,477.
- Colby, Richard H., to United States of America, Army. Variable length bolt lever. 2,844,903, 7-29-58, Cl. 42-16.

- Coleby, Richard H., to United States of America, Army. Barrel and removable receiver connection. 2,851,809, 9-16-58, Cl. 42-75.
- Coleby, Robert A., to Collins Radio Co. Shaft positioning mechanism. 2,824,452, 2-25-58, Cl. 74-10.2.
- Coleby, Robert W., and R. J. Mesler, Jr., to The Dow Chemical Co. Feed composition. 2,819,966, 1-14-58, Cl. 99-2.
- Coleby, Robert W., and R. J. Mesler, Jr., to The Dow Chemical Co. Feed composition. 2,819,967, 1-14-58, Cl. 99-2.
- Coleby, Robert W., and R. J. Mesler, Jr., to The Dow Chemical Co. Feed composition. 2,819,968, 1-14-58, Cl. 99-2.
- Coleby, Robert W., and R. J. Mesler, Jr., to The Dow Chemical Co. Feed composition. 2,861,886, 11-25-58, Cl. 99-2.
- Coleby, Robert W., and R. J. Mesler, Jr., to The Dow Chemical Co. Poultry feed. 2,861,887, 11-25-58, Cl. 99-4.
- Colechagoff, Robert D., to Owens-Illinois Glass Co. Apparatus for applying sealing compositions to glass parts. 2,822,777, 2-11-58, Cl. 118-58.
- Coldren, Helen J. Electric foot warmer. 2,850,617, 9-2-58, Cl. 219-46.
- Coldstream Refrigerator Mfg. Ltd.: See—
Taylor, Richard H., and Fieldhouse. 2,834,999.
- Coldwell, Frank H.: See—
Kennedy, Eugene H., Coldwell, and Pascoe. 2,822,038.
- Cole, Albert. Multiple carbonated drink dispensing apparatus. 2,850,213, 9-2-58, Cl. 222-129.4.
- Cole, Archie B. Variable thickness slicing device. 2,825,131, 3-4-58, Cl. 30-116.
- Cole, Arthur D. Air control device for a building having air conditioning. 2,823,600, 2-18-58, Cl. 98-116.
- Cole, Clayton K., and O. L. Rader, to Atlas Press Co. Releasable clutch. 2,827,778, 3-25-58, Cl. 64-29.
- Cole, Clayton K., and A. J. Oorbeck, to Atlas Press Co. Reel type power mower. 2,838,949, 6-3-58, Cl. 56-26.
- Cole, Dana W., to Sylvania Electric Products, Inc. Control system for signal seeking receivers. 2,828,451, 3-25-58, Cl. 317-149.
- Cole, Donald F.: See—
Hanson, Frank D., Wait, and Cole. 2,831,722.
Wait, Clyde F., and Cole. 2,860,384.
- Cole, Donald F., and C. F. Wait, to Palace Corp. Vented wall construction for trailer. 2,833,002, 5-6-58, Cl. 20-4.
- Cole, Donald N.: See—
Nelson, Marvin D., and Cole. 2,860,792.
- Cole, E. K., Ltd.: See—
Reeves, Raymond J. D. 2,840,756.
- Cole, Edward N., to General Motors Corp. Flow modulating valve. 2,857,131, 10-21-58, Cl. 251-210.
- Cole, Eldon B., and R. L. Lofthringer, to Sinclair Refining Co. Breaking water-in-oil emulsions. 2,861,957, 11-25-58, Cl. 252-324.
- Cole, Frank E., Jr., to Craig Machines, Inc. Automatic filing cabinet. 2,825,616, 3-4-58, Cl. 312-223.
- Cole, Harold R.: See—
Bushong, Raymond M., and Cole. 2,829,115.
- Cole, Henry L., and H. Spire. Sewing machine. 2,864,327, 12-16-58, Cl. 112-2.
- Cole, Howard W., Jr. Self-locking actuator with load release. 2,841,236, 7-22-58, Cl. 192-8.
- Cole, Howard W., Jr. High speed rotary electric switch. 2,848,570, 8-19-58, Cl. 200-32.
- Cole, Howard W., Jr. Self-locking straight line actuator with load release reaction. 2,863,536, 12-9-58, Cl. 192-8.
- Cole, James A., to E. Z. Edge, Inc. Attachment for power mowers. 2,821,056, 1-28-58, Cl. 56-25.4.
- Cole, James B., Jr., G. D. Edwards, and T. K. Rice, to United States of America, Navy. Booster-gap explosive sensitivity test device. 2,832,213, 4-29-58, Cl. 73-35.
- Cole, James D., to American Machine and Metals, Inc. Vacuum cleaner motor and fan assembly. 2,822,122, 2-4-58, Cl. 230-117.
- Cole, James D., to American Machine and Metals, Inc. Electric motor fan unit for hazardous locations. 2,822,123, 2-4-58, Cl. 230-117.
- Cole, Louis F. Automatic flight control for aircraft. 2,834,565, 5-13-58, Cl. 244-82.
- Cole, Marc, to Hoffmann-La Roche Inc. Sulfanilamido isoxazole derivatives. 2,839,527, 6-17-58, Cl. 260-239.9.
- Cole, Norman: See—
Anderson, Maynard C., and Cole. 2,860,565.
- Cole, Paul M., to E. I. du Pont de Nemours and Co. Fabric treatment. 2,826,479, 3-11-58, Cl. 8-152.
- Cole, Paul M., to E. I. du Pont de Nemours and Co. Tufter. 2,831,525, 4-22-58, Cl. 154-1.1.
- Cole, Paul M., to E. I. du Pont de Nemours and Co. Window covering. 2,865,446, 12-23-58, Cl. 160-85.
- Cole, Ralph A., to Motor Wheel Corp. Rotary mower with specific housing. 2,857,727, 10-28-58, Cl. 56-25.4.
- Cole, Ralph R.: See—
Davies, John A., Saunders, Somers, and Cole. 2,853,750.
- Cole, Raymond S., to Electrical Engineering & Mfg. Corp. Antifriction screw device. 2,844,044, 7-22-58, Cl. 74-424.8.
- Cole, Thomas D., to Lockport Mills, Inc. Decorative batting. 2,827,411, 3-18-58, Cl. 154-46.
- Cole, Thomas M., to Federal Electric Products Co. Convertible flush and surface mountable panelboard boxes. 2,824,662, 2-25-58, Cl. 220-18.
- Cole, Thomas M., to Federal Electric Products Co. Circuit breaker with thermal and magnetic trip means. 2,842,635, 7-8-58, Cl. 200-88.
- Cole, Thomas M., to Federal Pacific Electric Co. Compensated circuit breakers. 2,854,546, 9-30-58, Cl. 200-88.
- Cole, William G., Jr., to Ferro Corp. Apparatus for producing bonded fibrous glass mats. 2,860,687, 11-18-58, Cl. 154-1.
- Cole, William P.: See—
Small, Theodore W., and Cole. 2,837,672.
- Colehower, Edgar W.: See—
Albrecht, Fritz, and Colehower. 2,845,591.
- Coleman, Archie V. Steering idler arm repair kit. 2,838,331, 6-10-58, Cl. 287-100.
- Coleman, Benny R., and M. G. Kitchen, to Bendix Aviation Corp. Magnetic amplifier with constant magnetic flux bias. 2,856,578, 10-14-58, Cl. 323-89.
- Coleman, Charles F.: See—
Schmitt, John M., Blake, Brown, and Coleman. 2,859,094.
- Coleman, Clarence B. Constant flow liquid dispensing apparatus. 2,827,074, 3-18-58, Cl. 137-426.
- Coleman Co., Inc., The: See—
Bixby, Harvey M. 2,858,959.
Jones, Tillman F. 2,845,889.
Kice, Jack W., Redmond, and Mattingly. 2,821,896.
Kice, Jack W., and Mattingly. 2,858,759.
McCutchen, John E. 2,820,511.
McCutchen, John E. 2,822,037.
Newton, Alwin B. 2,844,301.
Newton, Alwin B. 2,850,242.
Qualley, Ray W. 2,862,547.
Redmond, John M. 2,822,036.
Townsend, Wilbur J., and Castello. 2,859,332.
Watkins, Norman D. 2,850,959.
- Coleman, Ed O.: See—
Roberts, William O. 2,822,868.
- Coleman, Edward, to J. A. Crabtree & Co. Electric switches or circuit breakers. 2,830,158, 4-8-58, Cl. 200-144.
- Coleman, Edward, to J. A. Crabtree & Co. Ltd. Electric circuit breakers. 2,866,036, 12-23-58, Cl. 200-116.
- Coleman, Edwin J. Aircraft jettisonable fuel tank. 2,844,178, 7-22-58, Cl. 150-0.5.
- Coleman, Elmer W., Jr., to Lord Mfg. Co. Bonding rubber to substrates. 2,837,458, 6-3-58, Cl. 154-139.
- Coleman, Eugene F.: See—
Rossetto, Louis, Squassoni, Coleman, and Gorrill. 2,847,919.
- Coleman Instruments, Inc.: See—
Staunton, John J. 2,828,466.
- Coleman, James: See—
Roberts, William O. 2,822,868.
- Coleman, John H., to Radiation Research Corp. Method and means for collecting electrical energy of nuclear reactions. 2,859,361, 11-4-58, Cl. 310-3.
- Coleman, John H., C. E. Anderson, and P. W. Tapp. Control coupling for vacuum cleaner air supply. 2,856,205, 10-14-58, Cl. 284-16.
- Coleman, Joseph J., and H. M. McDonald, to Burgess Battery Co. Deferred-action battery. 2,829,188, 4-1-58, Cl. 136-90.
- Coleman, Joseph J., and P. G. Kort, to Burgess Battery Co. Alkaline dry cell. 2,829,189, 4-1-58, Cl. 136-107.
- Coleman, Kenneth R.: See—
Warmisham, Arthur, and Coleman. 2,821,108.
- Coleman, Kenneth R., to Taylor, Taylor & Hobson Ltd. Anamorphic optical systems. 2,821,111, 1-28-58, Cl. 88-57.
- Coleman, Ralph A.: See—
Hardy, William B., Forster, and Coleman. 2,853,521.
- Coleman, Richard R., Jr., to Collins Radio Co. Waveguide switch. 2,825,878, 3-4-58, Cl. 333-98.
- Coleman, Richard R., Jr. Gas turbine engine having rotary compressor and turbine driven by compressed gas. 2,864,237, 12-16-58, Cl. 60-39.45.
- Coleman, Robert H., B. Blanchard, and W. J. Jokilehto, to National Distillers and Chemical Corp. Electrolytic cell. 2,856,343, 10-14-58, Cl. 204-243.
- Coleman, Roy W.: See—
Farrady, William, and Coleman. 2,822,661.
- Coleman, Sidney, to Van Brode Milling Co., Inc. Battery hold-down fastening devices. 2,827,973, 3-25-58, Cl. 180-68.5.
- Coleman, Walker B., Jr.: See—
Dameron, John P., and Coleman. 2,845,890.
- Coleman, Walter F., to E. I. du Pont de Nemours and Co. High speed peroxide textile bleaching process. 2,839,353, 6-17-58, Cl. 8-111.
- Coleman, William E., and J. A. Milnes, to United States Steel Corp. Extensometer. 2,852,195, 9-16-58, Cl. 235-103.5.
- Coleman, William L.: See—
Renner, Norman H. 2,829,924.
- Coler, Myron A.: See—
Gottschall, Herbert A., Guggenheim, and Louis. 2,863,031.
Herman, Daniel. 2,825,299.
Louis, Arnold S. 2,843,649.
Louis, Arnold S. 2,857,496.
- Coler, Myron A. Containers and related devices. 2,825,748, 3-4-58, Cl. 136-83.
- Coler, Myron A. Apparatus for storage of electrical apparatus. 2,856,449, 10-14-58, Cl. 174-50.64.

- Coles, Edward F. and T. A. Pellets containing dehydrated meat and coconut and confection containing these pellets. 2,861,888, 11-25-58, Cl. 99-125.
- Coles, Henry L., to Calculator Corp. Methods of coating catalyst carriers. 2,865,785, 12-23-58, Cl. 117-46.
- Coles, Ralph V., and M. Bagley, to Robertshaw-Fulton Controls Co. Capacity sensitive relays. 2,863,472, 12-9-58, Cl. 137-392.
- Coles, Thelma A.: *See—*
- Coles, Edward F. and T. A. 2,861,888.
- Coles, William A. Device for performing surgical incisions by electronic energy. 2,835,254, 5-20-58, Cl. 128-303.14.
- Colestock, Harry E.: *See—*
- Haakana, Carl H., and Colestock. 2,832,927.
- Coley, Edward R., and S. L. Tobacco leaf stitching device. 2,825,474, 3-4-58, Cl. 214-5.5.
- Coley, John R.: *See—*
- Evering, Bernard L., Coley, and Wilson. 2,853,435.
- Coley, John R., B. L. Evering, and J. D. McCollum, to Standard Oil Co. Conversion of methylcyclopentane to benzene. 2,861,944, 11-25-58, Cl. 208-92.
- Coley, Nelson B., and R. F. Albrighton, to General Railway Signal Co. Code communication system. 2,866,963, 12-30-58, Cl. 340-150.
- Coley, Samuel E. Plug gauge. 2,841,877, 7-8-58, Cl. 33-178.
- Coley, Sidney L.: *See—*
- Coley, Edward R., and S. L. 2,825,474.
- Colgan, William G. Oil-catching receptacle with speed-controlled oil-discharger attachment for automobiles. 2,841,245, 7-1-58, Cl. 184-106.
- Colgate-Palmolive Co.: *See—*
- Becher, Paul. 2,863,887.
- Buck, Charles E. 2,855,367.
- Gibbons, Edward J., and Gebhart. 2,830,712.
- Glossop, Glenn A. 2,861,714.
- Heald, Robert F. 2,825,190.
- Jungermann, Eric. 2,842,479.
- Kirschenbauer, Hans G. 2,829,086.
- Klisch, Stephen C. 2,831,815.
- Ledgett, Lowell A. 2,851,097.
- Leinhart, Russell K. 2,851,063.
- Monick, John A. 2,830,064.
- Ricciardi, Louis G., and De Geronimo. 2,843,612.
- Schurman, Jack V. 2,863,888.
- Colgate, Stirling A., to United States of America, Atomic Energy Commission. Linear accelerator. 2,836,759, 5-27-58, Cl. 315-5.41.
- Colgren, Carl T., and J. R. Newland, to Sutherland Paper Co. Machine for removing and replacing container caps. 2,828,593, 4-1-58, Cl. 53-76.
- Colin, Robert I.: *See—*
- Adams, Paul R., and Colin. 2,836,815.
- Collaro, Christopher, and E. T. Humby, to Collaro Ltd. Automatic or magazine phonograph apparatus. 2,823,039, 2-11-58, Cl. 274-10.
- Collaro Ltd.: *See—*
- Collaro, Christopher, and Humby. 2,823,039.
- Collbohm, Franklin R., to The Rand Corp. Directional receiver. 2,825,900, 3-4-58, Cl. 343-100.
- Colleau, Raoul. Desk with vertically and angularly adjustable top. 2,829,935, 4-8-58, Cl. 311-36.
- Collett & Co. A/S.: *See—*
- Myhre, Johan. 2,841,528.
- Collette, Alban.: *See—*
- Sloan, Harry E., and Collette. 2,825,572.
- Collette, Richard L.: *See—*
- Robinson, David Z., Di Mattia, McDaniel, and Collette. 2,855,522.
- Collier, Albert V., to N. J. Katz. Searing machine. 2,865,192, 12-23-58, Cl. 69-13.
- Collier Carbon and Chemical Corp.: *See—*
- Christian, Curtis G. 2,839,375.
- Christian, Curtis G. 2,839,376.
- Freer, John G. 2,832,368.
- McKinnis, Art C. 2,840,597.
- McKinnis, Art C. 2,844,634.
- Scott, Carleton B. 2,864,738.
- Scott, Carleton B., and Webb. 2,864,739.
- Scott, Carleton B., and Yale. 2,856,325.
- Scott, Carleton B., and Yale. 2,861,025.
- Webb, Irving D., and Yale. 2,841,518.
- Collier, George H., to The Goodyear Tire & Rubber Co. Wheel and brake. 2,844,219, 7-22-58, Cl. 188-18.
- Collier, Howell C. Detachable fishhook and attaching means therefor. 2,832,170, 4-29-58, Cl. 43-42.48.
- Collier, James C., and M. H. Layne. Metal edging. 2,821,809, 2-4-58, Cl. 47-33.
- Collier, Richard. Electric control systems for electrical heaters. 2,857,500, 10-21-58, Cl. 219-20.
- Collier, Robert J., and J. Feinstein, to Bell Telephone Laboratories, Inc. Magnetrons. 2,854,603, 9-30-58, Cl. 315-39.77.
- Collin, F. J., Akt.: *See—*
- Jäppelt, Alfred, Doerges, and Schade. 2,848,302.
- Collin, Fredrik C., to Elektrokemisk A/S. Process for treating tar-containing gases from aluminum furnaces. 2,854,311, 9-30-58, Cl. 23-2.
- Collings, Dana B., to Buxton, Inc. Coin purses and purse combinations. 2,827,094, 3-18-58, Cl. 150-37.
- Collings, Ova J. Building sheet construction. 2,839,790, 6-24-58, Cl. 20-4.
- Collings, William R., to Dow Corning Corp. Method of rendering fabrics water repellent. 2,833,022, 5-6-58, Cl. 28-74.
- Collings, William R., and H. L. Browne, to Dow Corning Corp. Tape making machine. 2,831,611, 4-22-58, Cl. 222-135.
- Collins & Aikman Corp.: *See—*
- Bird, Whitworth F. 2,841,205.
- Bird, Whitworth F. 2,865,046.
- Keen, William R. 2,857,651.
- Keen, William R. 2,866,255.
- McCullough, Donald F., and McNally. 2,849,785.
- McNally, Arthur F., and White. 2,857,652.
- Collins, Arthur E., to The Barr Rubber Products Co. Return ball packaging method. 2,851,835, 9-16-58, Cl. 53-21.
- Collins, Carroll B.: *See—*
- Arnold, Francis T., Brewster, Collins, and Crouse. 2,837,966.
- Collins, Carroll B., to Peerless Photo Products, Inc. Image reversing device. 2,845,841, 8-5-58, Cl. 88-24.
- Collins, Charles V. Automatic switch controlling mechanism. 2,862,077, 11-25-58, Cl. 200-84.
- Collins, Coy W., and E. G. Zahn, to Prestole Corp. Aperature screw receiving deformity in sheet metal. 2,831,388, 4-22-58, Cl. 85-32.
- Collins, Edgar V. Hitch assembly for connecting a farm tractor with a ground working farm implement. 2,826,130, 3-11-58, Cl. 97-46.93.
- Collins, Edgar V. Tractor leveling device. 2,851,116, 9-9-58, Cl. 180-41.
- Collins, Edmund.: *See—*
- Goodman, Donald B., and Collins. 2,838,771.
- Collins, Edward J., and J. L., to L. A. Durant. Air rifle. 2,845,055, 7-29-58, Cl. 124-11.
- Collins, Edward J., and J. L., and C. Schuyler, to Games, Inc. Ball rolling game apparatuses. 2,847,221, 8-12-58, Cl. 273-95.
- Collins, Elmer R. Rear sight for guns. 2,866,268, 12-30-58, Cl. 33-51.
- Collins, Ernest H., and E. M. Williston, to Weyerhaeuser Timber Co. Separation of cork from the barks of trees. 2,828,081, 3-25-58, Cl. 241-24.
- Collins, Floyd K.: *See—*
- Johnson, Alfred D., and Collins. 2,864,935.
- Collins, Galen F.: *See—*
- Compton, Walter A., Fonner, and Collins. 2,858,278.
- Fonner, Dale E., and Collins. 2,828,244.
- Collins, George M.: *See—*
- Judson, Charles A., and Collins. 2,837,623.
- Collins, Harold B. Cartridge of calking material and apparatus for producing the same. 2,866,308, 12-30-58, Cl. 53-297.
- Collins, Harry F., Jr.: *See—*
- Boeye, Paul F., and Collins. 2,833,397.
- Collins, Harry F., Jr., to Northwestern Corrugated Box Co. Cartons. 2,843,257, 7-15-58, Cl. 206-46.
- Collins, Harry J.: *See—*
- Herzfeld, Richard P., and Collins. 2,853,924.
- Collins, Harry J., to R. P. Herzfeld. Lens cap arrangement for stereo cameras. 2,866,396, 12-30-58, Cl. 95-18.
- Collins, Hazel. Hair drier attachment. 2,846,777, 8-12-58, Cl. 34-90.
- Collins, Henry H. Rotary table and pressure fluid seal therefor. 2,853,274, 9-23-58, Cl. 255-23.
- Collins, Herbert H., and D. W. Ripper, to Joseph Lucas (Industries) Ltd. Bushes for dynamo electric machine and other commutators. 2,846,602, 8-5-58, Cl. 310-235.
- Collins, Horace R. Trailer hitch of the retractable type. 2,838,327, 6-10-58, Cl. 280-491.
- Collins, Howard W., to Westinghouse Electric Corp. Voltage reference devices. 2,845,590, 7-29-58, Cl. 321-16.
- Collins, Irene C. Glove. 2,860,347, 11-18-58, Cl. 2-169.
- Collins, Jack B., to The Firestone Tire & Rubber Co. Apparatus for measuring the moisture content of fabrics. 2,849,676, 8-26-58, Cl. 324-65.
- Collins, James F., Sr. Pulling tool. 2,835,029, 5-20-58, Cl. 29-261.
- Collins, James L.: *See—*
- Collins, Edward J. and J. L. 2,845,055.
- Collins, Edward J. and J. L., and Schuyler. 2,847,221.
- Collins, John E. Plunger valve with solenoid pilot and manual override valve mechanism. 2,861,592, 11-25-58, Cl. 137-623.
- Collins, John E. Solenoid valve. 2,861,594, 11-25-58, Cl. 137-625.5.
- Collins, John F., to Esso Research and Engineering Co. Process for purifying and increasing combined calcium of calcium sulfonates. 2,833,716, 5-6-58, Cl. 252-33.4.
- Collins, John W., and D. W. Richards, to Goodyear Aircraft Corp. Seat structure. 2,824,602, 2-25-58, Cl. 155-191.
- Collins, Joseph B. Vehicle towing apparatus. 2,833,430, 5-6-58, Cl. 214-86.
- Collins, Kenneth H.: *See—*
- Dorf, Fred B., Baginski, and Collins. 2,856,409.
- Collins, Lowell J. Valves. 2,858,847, 11-4-58, Cl. 137-597.
- Collins, Lowell J. Continuous production combined food mixing and filling machine. 2,846,199, 8-5-58, Cl. 259-10.
- Collins, Oscar O.: *See—*
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- Babcock, Dean F. 2,833,917.
 Babcock, Dean F. 2,840,640.
 Bargen, David W. 2,852,724.
 Bercovitz, Nathaniel, Jr. 2,840,698.
 Biderman, Ben. 2,848,160.
 Bolie, Victor W. 2,829,255.
 Bolie, Victor W. 2,861,475.
 Bousek, Richard J. 2,848,611.
 Bruene, Warren B. 2,858,454.
 Colby, Robert A. 2,824,452.
 Coleman, Richard R., Jr. 2,825,878.
 Cunningham, Paul M. 2,825,017.
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 Dyer, Franklin C., and Maclary. 2,835,889.
 Elliott, William S. 2,846,572.
 Fedde, Christian D., and Westcot. 2,852,622.
 Gerks, Irvin H. 2,833,922.
 Gertz, Joseph L. 2,858,413.
 Giacchetto, John P. 2,858,440.
 Grondin, George F. 2,835,858.
 Hancock, Noel W., and Phillips. 2,820,952.
 Hausten, David R. 2,825,050.
 Hedgcock, Wendell T., and Arnold. 2,833,980.
 Henriot, Carl R., and Shanklin. 2,862,204.
 Hileman, Dale L. 2,820,655.
 Hoeltje, Hubert H., and Groom. 2,824,461.
 Hykes, Glenn R. 2,858,407.
 Ibsen, Lloyd M. 2,829,350.
 Icebnice, Phineas J. 2,852,682.
 Johnson, Frederick W., and Peters. 2,828,635.
 Johnson, Frederick W., and Lehman. 2,866,954.
 Kooi, Clarence F. 2,852,653.
 Lehman, Harry W. 2,858,382.
 Lippisch, Alexander M. 2,828,929.
 Majerus, John B., and Prather. 2,848,627.
 McCoy, David O. 2,857,672.
 McCreary, Ralph L. 2,852,752.
 Miedke, Robert C. 2,852,749.
 Morris, Glen B. 2,847,836.
 Nichols, Donald E. 2,828,631.
 Nordstrom, Gordon J. 2,840,774.
 Ocnaschek, Frank J. 2,852,726.
 Passman, Harry M. 2,820,933.
 Patton, Henry W. 2,829,251.
 Rector, Jack D. 2,858,433.
 Rhodes, Melvin H. 2,848,711.
 Shanklin, John P. 2,858,534.
 Shanklin, John P. 2,866,968.
 Sherwood, John B. 2,866,941.
 Smith, Wesley S. 2,824,473.
 Stanphill, Ray. 2,848,687.
 Stephens, Thomas C. 2,833,919.
 Stockwell, Glade M. 2,848,677.
 Stover, Harris A. 2,845,808.
 Tollefson, Robert D. 2,848,616.
 Tollefson, Robert D. 2,858,434.
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 Winter, Lloyd E. 2,824,453.
 Wulfsberg, Arthur H. 2,840,713.
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 Younkin, James R. 2,862,165.
- Collins, Ralph D.: See—
 Koehler, Robert L. 2,849,538.
- Collins, Raymond F.: See—
 Barber, Harry J., Collins, and Davis. 2,830,008.
 Barber, Harry J., Collins, and Davis. 2,855,401.
- Collins, Richard G. Outboard motor bracket. 2,822,142, 2-4-58, Cl. 248-4.
- Collins, Robert C. Portable shelters. 2,835,262, 5-20-58, Cl. 135-3.
- Collins, Robert E., and V. L. Plagge, to Westinghouse Electric Corp. Lamp envelope coating and method of applying. 2,840,490, 6-24-58, Cl. 117-124.
- Collins, Robert H. Baler. 2,823,603, 2-18-58, Cl. 100-179.
- Collins, Russell W., to Bell Telephone Laboratories, Inc. Mobile radio telephone system. 2,842,659, 7-8-58, Cl. 250-6.
- Collins, Russell W., to Bell Telephone Laboratories, Inc. Radio telephone dispatch control and signaling circuit. 2,843,675, 7-15-58, Cl. 179-41.
- Collins, Sarah L.: See—
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- Collins, Stanley H., to Massey-Harris-Ferguson Inc. Rotary cutting mechanism. 2,835,298, 5-20-58, Cl. 146-117.
- Collins, Tappan, to National Steel Corp. Method and apparatus for forming a structural member by deforming a grooved portion of a metal strip. 2,831,521, 4-22-58, Cl. 153-3.
- Collins, Willard E.: See—
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- Collins, William A., to Rudy Mfg. Co. Evaporator constructed from extruded sections and method therefor. 2,823,522, 2-18-58, Cl. 62-126.
- Collins, William A., to Rudy Mfg. Co. Clinched plate condenser with mounting rails. 2,823,903, 2-18-58, Cl. 257-36.
- Collins, William A., and E. D. Floreen, to Rudy Mfg. Co. Refrigeration evaporator construction. 2,847,194, 8-12-58, Cl. 257-256.
- Collins, William B. Multipurpose oil well tool. 2,838,119, 6-10-58, Cl. 166-146.
- Collins, William F., to International Harvester Co. Counterbalancing drive means for a reciprocating cutter. 2,827,753, 3-25-58, Cl. 56-296.
- Collins, William V. Film processing apparatus. 2,829,575, 4-8-58, Cl. 95-90.
- Collins, William W., G. R. Melick, and W. S. Reynolds, Sr., to Remington Arms Co., Inc. Article conveying and surfacing machine. 2,849,980, 9-2-58, Cl. 118-69.
- Collis, J., and Sons Ltd.: See—
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- Collis, James. Mouthpiece and ligature for reed instruments. 2,837,003, 6-3-58, Cl. 84-383.
- Collis, Leslie A., to J. Collis & Sons Ltd. Bearings for roller conveyors. 2,825,439, 3-4-58, Cl. 193-35.
- Colliver, Harold E. S., to B. Bercovitz. Float valves. 2,861,583, 11-25-58, Cl. 137-39.
- Colman, John S., to General Motors Corp. Fluid seal device. 2,823,052, 2-11-58, Cl. 286-10.
- Colom, Cletus J., to Weltronic Co. Electrical control system. 2,835,851, 5-20-58, Cl. 315-252.
- Collonge, Perry J., to I-T-E Circuit Breaker Co. Closed cycle forced cooled isolated phase bus. 2,861,119, 11-18-58, Cl. 174-16.
- Collopy Electro-Soil Co.: See—
 Collopy, Joseph P. 2,831,804.
- Collopy, Joseph P., to Collopy Electro-Soil Co. Process for the improvement and reclamation of soils. 2,831,804, 4-22-58, Cl. 204-131.
- Collet, A. M., Supplies, Inc.: See—
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- Colman, Benjamin W.: See—
 David, Michael S., and Colman. 2,853,162.
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- Colmerauer, Andrew J. Method and apparatus for completing oil wells. 2,858,107, 10-28-58, Cl. 255-1.6.
- Colombani, Francesco, and L. Fagnani. Welding apparatus. 2,855,883, 10-14-58, Cl. 113-111.
- Colombo, George, and B. Orlov, to Signal-Stat Corp. Flashers. 2,822,444, 2-4-58, Cl. 200-88.
- Colombo, George, and B. Orlov, to Hoda Corp. Time delay devices. 2,842,642, 7-8-58, Cl. 200-122.
- Colombo, Roberto, to S. A. S. Lavorazione Materie Plastiche (L. M. P.) di M. I. Colombo & C. Apparatus for coating articles with multi-layer linings. 2,820,249, 1-21-58, Cl. 18-13.
- Colonial Broach Co.: See—
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- Colonial Broach & Machine Co.: See—
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- Colonna, Angelo. Fold-away toilet with improved bowl hinging means. 2,826,762, 3-18-58, Cl. 4-10.
- Colont, George R. Measuring device. 2,846,769, 8-12-58, Cl. 33-125.
- Color Carousel Corp.: See—
 Corbin, Milford H., Lippe, Yater, Goodwin, Drinjak, and Squire. 2,848,019.
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- Colquitt, Odie, to The Winter-Weiss Co. Rotary well drilling rigs. 2,829,866, 4-8-58, Cl. 255-23.
- Colquitt, Odie, to The Winter-Weiss Co. Tractor mounted rock drills. 2,838,282, 6-10-58, Cl. 255-19.
- Colquitt, Odie, to The Winter-Weiss Co. Means for well drilling. 2,839,272, 6-17-58, Cl. 255-24.
- Colson, Elmer E. Trenching machine. 2,847,771, 8-19-58, Cl. 37-94.
- Colson, Ian D., R. D. Knott, and M. R. P. Young, to The General Electric Co. Ltd. Manufacture of semi-conductor devices. 2,830,920, 4-15-58, Cl. 148-1.5.
- Colson, Raymond L. Soil-treating apparatus. 2,866,422, 12-30-58, Cl. 111-6.
- Colson, William J., to Boeing Airplane Co. Tank pressure coordinating mechanisms. 2,849,015, 8-26-58, Cl. 137-98.
- Colt, Rutger B., to Bendix Aviation Corp. Apparatus for measuring rate of change of pressure. 2,819,615, 1-14-58, Cl. 73-389.
- Colt, Rutger B., to Bendix Aviation Corp. Parachute release device. 2,833,498, 5-6-58, Cl. 244-150.
- Colton, Anna: See—
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- Colton, Frank B., to G. D. Searle & Co. 17-alkyl-19-hydroxy-testosterones. 2,819,277, 1-7-58, Cl. 260—397.4.
- Colton, Frank B., to G. D. Searle & Co. 4-hydroxypregnes. 2,829,150, 4-1-58, Cl. 260—397.45.
- Colton, Frank B., to G. D. Searle & Co. 13-methyl-17-hydro-15H-cyclopenta[α]phenanthren-3-one. 2,838,529, 6-10-58, Cl. 260—397.4.
- Colton, Frank B., to G. D. Searle & Co. 17-alkenyl and 17-alkynyl-19-nortestosterones. 2,838,530, 6-10-58, Cl. 260—397.4.
- Colton, Frank B., to G. D. Searle & Co. Derivatives of 13-methyl-17-hydroxy-1,2,3,6,7,8,9,10,11,12,13,14,16,17-tetradecahydro-15H-cyclopenta[α]phenanthren-3-ones. 2,840,582, 6-24-58, Cl. 260—397.47.
- Colton, Frank B., to G. D. Searle & Co. 4-estrene-3,17-diol, esters and 17-alkyl derivatives. 2,843,608, 7-15-58, Cl. 260—397.5.
- Colton, Frank B., to G. D. Searle & Co. 17-alkenyl and alkynyl derivatives of 4-estrene-3,17-diol. 2,843,609, 7-15-58, Cl. 260—397.5.
- Colton, George W., to Fluid Systems, Inc. Means for transporting viscous fluid materials. 2,851,197, 9-9-58, Cl. 222—146.
- Colton, Joseph C. Fence post construction. 2,856,652, 10-21-58, Cl. 20—99.
- Colton, Maxwell B., to E. Schaefer. Bactericidal dental cements. 2,846,322, 8-5-58, Cl. 106—35.
- Coltrin, Gene A., to Sylvania Electric Products Inc. Getter flashing device. 2,843,445, 7-15-58, Cl. 316—30.
- Coltune, Stanley J., to Sec—
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- Columbe, Maynard J., to General Electric Co. Low temperature chamber for electronoptics instruments. 2,826,701, 3-11-58, Cl. 250—49.5.
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- Columbia Broadcasting System, Inc., to Sec—
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- Columbia Machine Works, Inc., to Sec—
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- Columbia Products Co., to Sec—
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- Columbia Ribbon & Carbon Mfg. Co., Inc., to Sec—
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- Allen, Edward M. 2,865,779.
- Allen, Edward M. 2,865,780.
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- Pray, Blaine O. 2,819,321.
- Pray, Blaine O., and Bissinger. 2,862,849.
- Procko, Andrew. 2,866,438.
- Theis, Francis W., Richardson, Eisenlohr, and Shelton. 2,843,638.
- Thornhill, Fred S., and Morgan. 2,863,727.
- Waldo, Frank. 2,854,341.
- Wolf, Ralph F. 2,821,232.
- Wolf, Ralph F. 2,821,516.
- Columbia Veneer Co., to Sec—
Erickson, Harold E., and Brookhyser. 2,860,790.
- Columbia Basin Plastics Co., to Sec—
De Shazor, James C., Jr. 2,857,075.
- Norment, Robert T. 2,832,726.
- Columbian Carbon Co., to Sec—
Glaxner, Daniel and Kilpatrick. 2,828,191.
- Glaxner, Daniel, and Kilpatrick. 2,861,294.
- Heller, George L. 2,851,337.
- Heller, George L., Watson, and Wallace. 2,861,872.
- Howell, Maurice R. 2,851,124.
- Ladd, William A. 2,835,606.
- Columbus Auto Parts Co., The, to Sec—
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- Columbus Coated Fabrics Corp., to Sec—
Hedges, William D. 2,823,156.
- Columbus Iron Works Co., to Sec—
Kenney, William D., and Barnes. 2,857,724.
- Columbus McKinnon Chain Corp., to Sec—
Robins, Erford E., and Lerch. 2,859,937.
- Schreyer, Kenneth D., Parker, and Robins. 2,851,165.
- Colvin, Oliver D. Apparatus for forecasting and controlling atmospheric conditions in storage compartments. 2,822,743, 2-11-58, Cl. 98—53.
- Colvin, William I., to National Can Corp. Method of applying wax to the flange of a can body. 2,837,048, 6-3-58, Cl. 113—120.
- Colwell, Charles E., to Union Carbide Corp. Sulfuric acid clarification. 2,866,624, 12-30-58, Cl. 23—172.
- Colwell, Robert E., to Monsanto Chemical Co. Steeping method for preparing foamable styrene polymer particles containing rubbery isobutylene polymer. 2,857,339, 10-21-58, Cl. 260—25.
- Colwell, Robert E., to Monsanto Chemical Co. Steeping method for preparing foamable styrene polymer particles containing a rubbery diene polymer. 2,857,340, 10-21-58, Cl. 260—25.
- Colwell, Robert E., and N. Platzer, to Monsanto Chemical Co. Steeping process for preparing foamable styrene polymer particles containing fatty acid compound. 2,857,341, 10-21-58, Cl. 260—25.
- Comber, Thomas J. Automatic vacuum clearers for drawing frames and the like. 2,851,738, 9-16-58, Cl. 19—157.
- Combs, Charles W., to Philco Corp. Switching apparatus. 2,852,706, 9-16-58, Cl. 307—150.
- Combs, Donald E. Magnetic switch. 2,847,528, 8-12-58, Cl. 200—67.
- Combs, Douglas V. Meat grinding apparatus. 2,863,480, 12-9-58, Cl. 146—78.
- Combs, Jesse T., to C. Carlock. Animal bed. 2,848,976, 8-26-58, Cl. 119—1.
- Combs, John W. Child's automobile seat. 2,864,429, 12-16-58, Cl. 155—10.
- Combs, Powell M. Sucker rod construction. 2,850,310, 9-2-58, Cl. 287—108.
- Combustion Engineering, Inc., to Sec—
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- Armcast, Wilbur H. 2,856,906.
- Blaskowski, Henry J. 2,837,066.
- Blaskowski, Henry J. 2,840,055.
- Blaskowski, Henry J. 2,842,102.
- Blaskowski, Henry J. 2,851,017.
- Blaskowski, Henry J. 2,858,110.
- Caracristi, Virginius Z. 2,840,053.
- Chapellier, Robert A. 2,840,398.
- Chapellier, Robert A., and Tangard. 2,821,325.
- Chapman, Edward C. 2,835,966.
- Cowan, Frederick. 2,818,916.
- Cowan, Frederick, Lacerenza, and Mittendorf. 2,829,277.
- Crites, Joe. 2,848,170.
- Firl, Arthur C. 2,865,344.
- Guarraia, Charles. 2,835,479.
- Huet, Andre. 2,830,645.
- Huet, Andre. 2,839,818.
- Jackson, Alonzo, and F. B., and Lasater. 2,840,150.
- Jackson, Francis B. 2,825,791.
- Jackson, Francis B. 2,840,151.
- Kennedy, Eugene H., Coldwell, and Pascoe. 2,822,038.
- Marshall, Leonard J. 2,823,651.
- Marshall, Leonard J. 2,841,102.
- Meissner, Harold G. 2,833,392.
- Michalski, Edward M. 2,823,739.
- Mittendorf, Harvey C., and Svendsen. 2,831,637.
- Northington, Samuel C., Jr., and Lasater. 2,850,775.
- Northington, Samuel C., Jr., and Martin. 2,860,772.
- Orr, Malcom W., Jr., and Mabery. 2,827,551.
- Owens, Vincent P. 2,833,619.
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- Tangard, Einar E. 2,822,109.
- Tangard, Einar E. 2,851,287.
- Vaughan, Paul H. 2,854,220.
- Vogel, William J. 2,821,965.
- Witke, Ernest C. 2,823,629.
- Comeforo, Jay E., and R. A. Hatch, to the United States of America as represented by the Solicitor of the Department of the Interior. Machinable ceramic bonded material and method for producing same. 2,829,061, 4-1-58, Cl. 106—39.
- Comenetz, George, to the United States of America as represented by the Secretary of the Navy. Orisel half ring molybdenum gun liners. 2,820,399, 1-21-58, Cl. 89—16.
- Comer, Boyd C. Mounting for adjustable table top legs. 2,822,228, 2-4-58, Cl. 311—111.
- Comer, John A. Hollow core panel. 2,862,257, 12-2-58, Cl. 20—35.
- Comer, Marvin H., to Sec—
Bird, Joseph J., Comer, Miles, and Braxton. 2,841,971.
- Comer, Marvin H., to Patentec, Inc. Production of lively yarns. 2,837,889, 6-10-58, Cl. 57—104.
- Comer, Ruth E., to Sec—
Vollraih, Harry C., Jr., and Comer. 2,865,097.

- Comery, Peter D., and K. E. Trent, to Orenda Engineers Ltd. Device for achieving angular adjustment between associated lever and shaft assembly. 2,857,187, 10-21-58, Cl. 287-52.02.
- Comet Lamp Co.: *See*—
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- Comfort Lines, Inc.: *See*—
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- Comisso, Adelino E., $\frac{1}{2}$ to N. G. Chittenden. Flooring surfaces and the like. 2,854,344, 9-30-58, Cl. 106-93.
- Comlossy, Harold, Jr., to Baker Oil Tools, Inc. Subsurface electric cable protector and guide. 2,829,190, 4-1-58, Cl. 174-47.
- Commarmot, Roger: *See*—
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- Tholstrup, Henry L. 2,854,118.
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- Commercial Mfg. & Supply Co.: *See*—
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- Commercial Wire Products Co.: *See*—
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- Commissioners for executing the Office of Lord High Admiral of the United Kingdom of Great Britain and Ireland, The: *See*—
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- Commonwealth Co.: *See*—
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- Commonwealth Engineering Co. of Ohio, The: *See*—
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- Commonwealth Scientific and Industrial Research Organization: *See*—
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- Communications Patents Ltd.: *See*—
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- Compagnie de Pont-A-Mousson: *See*—
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Brunot, Jean-Paul. 2,859,593.
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- Compagnie des Forges & Aciéries de la Marine & de St. Etienne: *See*—
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- Compagnie des Freins et Signaux Westinghouse: *See*—
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- Compagnie des Machines Bull (Societe Anonyme): *See*—
Chenus, Pierre J. C. 2,835,443.
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- Compagnie Francaise d'Audiologie: *See*—
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- Compagnie Francaise des Matieres Colorantes: *See*—
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- Compagnie Francaise Thomson-Houston: *See*—
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- Compagnie Generale de Construction de Fours: *See*—
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- Compagnie Industrielle de Procèdes et d'Applications S. A.: *See*—
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- Compagnie Industrielle Des Piles Electriques Cipel: *See*—
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- Compagnie Industrielle des Telephones: *See*—
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- Compagnie pour la Fabrication des Competeurs et Materiel d'Usines a Gaz: *See*—
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- Compagnies Reunies des Glaces & Verres Speciaux du Nord de la France: *See*—
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- Compo Shoe Machinery Corp.: *See*—
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- Compression Ignition Ltd.: *See*—
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- Compton, Richard E. Lifting device for coiled material. 2,832,633, 4-29-58, Cl. 294-97.
- Comptoir Industriel d'Etrirage et Profilage de Metaux: *See*—
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- Comptometer Corp.: *See*—
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- Compton, Arthur M., to Standard Steel Works, Inc. Light weight spread tandem running gear. 2,857,170, 10-21-58, Cl. 280-104.5.
- Compton, Charles E.: *See*—
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- Compton, Charles E. Advanceable mining machine head and shaft carried bearing support therefor. Re. 24,503, 7-15-58, Cl. 262-7.
- Compton, Charles E. Bit holder for holding a plurality of bits. 2,838,295, 6-10-58, Cl. 262-33.
- Compton, Charles E. Dehydrating apparatus. 2,848,209, 8-19-58, Cl. 263-34.
- Compton, Charles E. Dehydrating gypsum or the like. 2,848,210, 8-19-58, Cl. 263-53.
- Compton Co., Ltd.: *See*—
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- Compton, Donald R.: *See*—
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- Compton, Jack, and C. P. Jones, to Institute of Textile Technology. Process of cyanoethylating native cotton fibers with an aqueous emulsion of sodium hydroxide and acrylonitrile. 2,840,446, 6-24-58, Cl. 8-120.
- Compton, Jack K. Mixing device. 2,831,666, 4-22-58, Cl. 261-1.
- Compton, James A.: *See*—
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- Compton, James A., to Borg-Warner Corp. Pressure loaded pump. 2,820,416, 1-21-58, Cl. 103-126.
- Compton, James A., to Borg-Warner Corp. Pump with pressure loaded bushing. 2,823,617, 2-18-58, Cl. 103-126.
- Compton, James A., to Borg-Warner Corp. Pump, pressure loaded with offset loading. 2,824,522, 2-25-58, Cl. 103-126.
- Compton, James A., to Borg-Warner Corp. Mixed flow booster pump. 2,845,871, 8-5-58, Cl. 103-113.
- Compton, Jerry B. Insulated faced wall. 2,848,887, 8-26-58, Cl. 72-28.
- Compton, Jerry B. Expansion joints for insulation structures. 2,853,871, 9-30-58, Cl. 72-28.
- Compton, Max D., H. R. Goodrich, and R. C. Ragan, to Gladding, McBean & Co. Decorative ceramic article and method of manufacturing the same. 2,832,695, 4-29-58, Cl. 117-40.
- Compton, Robert. Automatic rifle with a combined movable chamber and magazine. 2,856,716, 10-21-58, Cl. 42-39.5.
- Compton, Stanley P., and F. W. Musterer, to The Ryan Aeronautical Co. Thrust reversing device for jet engines. 2,858,669, 11-4-58, Cl. 60-35.54.
- Compton, Walter A., D. E. Fonner, and G. E. Collins, to Miles Laboratories, Inc. Test tablet. 2,858,278, 10-28-58, Cl. 252-408.
- Compton, William S. Fuel mileage tester. 2,832,216, 4-29-58, Cl. 73-113.
- Computer Control Co., Inc.: *See*—
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- Computer Instruments Corp.: *See*—
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- Comstock Foods, Inc.: *See*—
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- Comstock, George E., 3d, to Norton Co. Journal bearing. 2,832,652, 4-29-58, Cl. 308-121.
- Comstock, George E., 3rd, to Norton Co. Micrometer adjuster. 2,855,688, 10-14-58, Cl. 33-174.
- Comstock, George E., 3rd, to Norton Co. Taper gauging device. 2,863,222, 12-9-58, Cl. 33-174.
- Comstock, John C., to Baker Oil Tools, Inc. Stop devices for well conduits. 2,828,824, 4-1-58, Cl. 166-243.
- Comstock & Wescott, Inc.: *See*—
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- Comte, Frederick, to Monsanto Chemical Co. Method for preparing amino-formamido compounds. 2,852,516, 9-16-58, Cl. 260-256.4.
- Comyn, Raymond H. Coated pyrotechnic metal powders and method of their preparation. 2,832,704, 4-29-58, Cl. 148-6.2.
- Conable, Walter F.: *See*—
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- Conacher, James E., to Blaw-Knox Co. Automatic weighing apparatus. 2,828,100, 3-25-58, Cl. 249-14.
- Conant, Louis A., to Union Carbide Corp. Tungsten arc electrode. 2,825,703, 3-4-58, Cl. 252-515.
- Conant, Floud S.: *See*—
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- Conant, Louis A., to Union Carbide Corp. Liminated metal ceramic. 2,843,646, 7-15-58, Cl. 136-4.
- Conant, Louis A., and E. F. Hittle, to Union Carbide Corp. Production of boron nitride. 2,834,650, 5-13-58, Cl. 23-191.
- Conbere, John P., and F. P. Reed, to Arnold, Hoffman & Co., Inc. Quaternary compounds. 2,824,861, 2-25-58, Cl. 260-89.5.
- Concelman, Carl W., to Amphenol Electronics Corp. Electrical switch. 2,859,311, 11-4-58, Cl. 200-153.
- Conck, S. H., Co., Inc.: *See*—
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- Concrete Saw Co.: *See*—
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- Conder, Christy F., to Diamond Alkali Co. Apparatus for splitting tubes. 2,834,106, 5-13-58, Cl. 30-91.
- Condi Engineering Corp.: *See*—
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- Durent, Leonard G., Irvine, Pennington, and Surino. 2,858,212.
- Durent, Leonard G., Irvine, Pennington, and Surino. 2,858,213.
- Condit, Robert E., to General Electric Co. Washing machine hose. 2,836,047, 5-27-58, Cl. 68-184.
- Condon, Bernice J.: *See*—
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- Condon, Howard M., deceased, and W. Cleland; W. S. Condon, executor, and B. J. Condon, administratrix, of H. M. Condon, deceased, to Merchants National Bank and Trust Co. Apparatus for cutting frozen meat. 2,860,678, 11-18-58, Cl. 146-117.
- Condon, James W., to Westinghouse Electric Corp. Acid copper addition agents and plating electrolytes embodying the same. 2,840,518, 6-24-58, Cl. 204-52.
- Condon, William S.: *See*—
Condon, Howard M., and Cleland. 2,860,678.
- Condra, Elmo L. Pipe reamer and mill. Re. 24,445, 3-25-58, Cl. 164-0.8.
- Cone Automatic Machine Co., Inc.: *See*—
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- Davies, Lester F. 2,836,089.
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- Miller, Carroll E. 2,856,193.
- Cone, Carroll: *See*—
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- Cone, Carroll, to Surface Combustion Corp. Annealing cover furnace with improved inner cover seal. 2,854,226, 9-30-58, Cl. 263-40.
- Cone, Carroll, and W. H. Dailey, Jr., to Surface Combustion Corp. Recuperator for combustion furnaces. 2,849,218, 8-26-58, Cl. 263-20.
- Cone, Carroll, and D. K. Martin, to Surface Combustion Corp. Heat treating furnace. 2,849,221, 8-26-58, Cl. 263-43.
- Cone, Donald R., to Chromatic Television Laboratories, Inc. Grid structure for cathode-ray tubes. 2,824,988, 2-25-58, Cl. 313-78.
- Cone, Joseph H., to Casco Products Corp. Power-operated radio antenna. 2,838,953, 6-17-58, Cl. 74-501.
- Cone, Madeleine C.: *See*—
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- Conell, Ralph R. Pocket holder for tissue. 2,826,230, 3-11-58, Cl. 150-52.
- Cones, Van B. Self-triggered sawtooth wave generator. 2,835,815, 5-20-58, Cl. 250-36.
- Coney, Charles H.: *See*—
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- Confeld, James D., to General Dynamics Corp. Message register. 2,851,530, 9-9-58, Cl. 179-8.5.
- Configured Tube Products Co.: *See*—
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- Conflitti, Dominic M. Vehicle shock absorber brake dive arrester. 2,856,200, 10-14-58, Cl. 280-124.
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- Congdon, Richard L.: *See*—
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- Conger, David L. Extractor. 2,863,348, 12-9-58, Cl. 81-71.
- Conger, Elmer G., and H. R. Hansen, to The Louis Allis Co. D. C. motor speed regulator control circuit. 2,855,554, 10-7-58, Cl. 318-308.
- Conger, George R. Tire inflation guard. 2,835,318, 5-20-58, Cl. 157-1.
- Conger, Roy E.: *See*—
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- Congoleum-Nairn Inc.: *See*—
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- Conigliaro, Carmen, deceased; A. R. Conigliaro, administratrix, 1/2 to G. B. Stevens, Jr. Combination protractor and compass. 2,833,039, 5-6-58, Cl. 33-26.
- Conine, James W., and D. A. Zuck, to Eli Lilly and Co. Stable vitamin B₁₂ solutions. 2,835,627, 5-20-58, Cl. 167-81.
- Coninx, William A. Valve cleaning apparatus. 2,845,641, 8-5-58, Cl. 15-93.

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- Conklin, Dwight B., and R. S. Shaw, to Wyandotte Chemicals Corp. Descalant composition and use. 2,847,384, 8-12-58, Cl. 252-82.
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- Conklin, William R., D. G. Thom, and B. E. Stentz, to The Swartzbaugh Mfg. Co. Food service cart. 2,845,780, 8-5-58, Cl. 62-291.
- Conklin, William S., and W. H. Brown. Combrack. 2,824,650, 2-25-58, Cl. 211-13.
- Conkling, William C. Material level control means for bins and the like. 2,826,654, 3-11-58, Cl. 200-61.21.
- Conlan, John P. Thermostat control air distributing unit. 2,856,131, 10-14-58, Cl. 236-13.
- Conlee, George D., to McGraw Co. Wall panels for laundry dryers. 2,828,551, 4-1-58, Cl. 34-77.
- Conlee, George D., to General Electric Co. Automatic soap dispenser for clothes washing machines. 2,835,122, 5-20-58, Cl. 68-17.
- Conlee, George D., to General Electric Co. Control circuits for automatic clothes washing machines. 2,841,003, 7-1-58, Cl. 68-12.
- Conley, Joseph T.: *See*—
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- Conley, Patrick: *See*—
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- Conlin, James R., and W. Schulz, to Hanksraft Co. Liquid conductor heater. 2,837,625, 6-3-58, Cl. 219-40.
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- Connar Products Corp.: *See*—
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- Conn, Harry, and A. D. Tognetti, to Scully-Jones and Co. Quick change tool holder. 2,857,166, 10-21-58, Cl. 279-83.
- Conn, John B., and W. K. Humphrey, to Merck & Co., Inc. Separation of cobalt from nickel. 2,848,322, 8-19-58, Cl. 75-119.
- Conn, Robert C.: *See*—
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- Conn, Robert C., and R. D. Vartanian, to American Cyanamid Co. Stable colloidal titania monohydrate dispersions. 2,819,177, 1-7-58, Cl. 106-308.
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- Conn, William R.: *See*—
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- Connell, Leslie J. C., to The General Electric Co. Ltd. Rectifier assemblies. 2,819,435, 1-7-58, Cl. 317-234.
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- Conner, Guy O., to Republic Steel Corp. Nut tapping machine having releasable tap holding means to discharge tapped nuts therefrom. 2,828,492, 4-1-58, Cl. 10-134.
- Conner, Guy O. Die set. 2,854,078, 9-30-58, Cl. 164-118.
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- Conner, John P., and R. L. Bright, to Westinghouse Electric Corp. Control apparatus. 2,827,545, 3-18-58, Cl. 219-108.
- Conner, Joshua C., Jr., and V. Verplanck, to Hercules Powder Co. Aromatic dihydroperoxide production. 2,856,432, 10-14-58, Cl. 260-610.
- Conner, Joshua C., Jr., and H. I. Enos, Jr., to Hercules Powder Co. Purification of isopropyl-naphthalene. 2,862,858, 12-2-58, Cl. 202-57.
- Conner, Michael R., to Atlas Chain & Mfg. Co. Chain linkage. 2,852,129, 9-16-58, Cl. 198-189.
- Conner, Richard W., to E. N. Conner. Ball game apparatus. 2,841,398, 7-1-58, Cl. 273-119.
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- Conord, Andre, to "Ceman Conord." Arrangements of electrical connections in a vacuum cleaner. 2,860,201, 11-11-58, Cl. 200-51.
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- Conover, Leslie. Automatic bailers. 2,866,431, 12-30-58, Cl. 114-185.
- Conover, Lloyd H., to Chas. Pfizer & Co., Inc. 2-acylindanones and process for their preparation. 2,837,571, 6-3-58, Cl. 260-592.
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- Conrad, Martin B., to Baker Oil Tools, Inc. Subsurface well bore valve apparatus. 2,849,207, 8-26-58, Cl. 251-149.
- Conrad, Martin B., and J. F. Muse, to Baker Oil Tools, Inc. Well bore conduit centering apparatus. 2,841,226, 7-1-58, Cl. 166-213.
- Conrad, Owen, to American Screen Products Co. Self-retaining latch. Re. 24,520, 8-19-58, Cl. 160-369.
- Conrad, Paul W. Nursing bottle holder. 2,826,386, 3-11-58, Cl. 248-104.
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- Constable, James M., to Electronic Products Co. High range radiation measuring circuit. 2,833,931, 5-6-58, Cl. 250-83.6.
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- Constantine, Arthur R., and E. T. Carlson. Electrical distribution system. 2,825,775, 3-4-58, Cl. 200-50.
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 Shelton, Edgar A. 2,844,271.
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 Continental Optical Co., Inc.: *See*—
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 Continental Paper Co.: *See*—
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 Vines Oscar L. 2,861,717.
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 Continental Steel Corp.: *See*—
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 Continental Transport Appliances, Ltd.: *See*—
 Dorey, George B. 2,828,837.
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- Contois, Leo L., Jr., to Monsanto Chemical Co. Method for preparing polyampholytes by esterifying a carboxyl group containing polymer with an N,N-dialkyl formamide complex of an aminoalcohol. 2,847,403, 8-12-58, Cl. 260—78.5.
 Contour Truck Guards, Inc.: *See*—
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 Control Electronics Co., Inc.: *See*—
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 Control Instrument Co., Inc.: *See*—
 Germain, Lloyd M. 2,849,625.
 Libman, Earl E., and Wockenfuss. 2,826,915.
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 Control Products Inc.: *See*—
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 Soos, Steven W., Jr. 2,861,198.
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 Conway, James. Cam-closed, slidable jaw wrench. 2,850,931, 9-9-58, Cl. 81—128.
 Conway, Joseph R.: *See*—
 Hurlburt, Charles E., and Conway. 2,864,174.
 Conway, Thomas J., and A. W. Keema. Urinal bag. 2,840,079, 6-24-58, Cl. 128—295.
 Conwell, John W., and W. C. Ziegenhain, to Continental Oil Co. Purification of alkyl aryl sulfonates. 2,824,831, 2-25-58, Cl. 204—131.
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 Bricker, Carl E., and Cook. 2,844,224.
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 Cook, Bates C., and J. Jokubonis, to Cook & Chick Co. Machine for assembling needle bearings. 2,844,865, 7-29-58, Cl. 29—201.
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 Cook, Bates C., and Jokubonis. 2,866,576.

- Cook, Clinton D., to General Electric Co. Transformer with improved dielectric liquid. 2,837,724, 6-3-58, Cl. 336-58.
- Cook, Clinton D., and R. E. Plump, to General Electric Co. Capacitor with naphthalene derivative dielectric impregnant. 2,866,142, 12-23-58, Cl. 317-258.
- Cook, Coleman P. Record storage device. 2,850,344, 9-2-58, Cl. 312-16.
- Cook, Earle S.: *See*—
- Sexton, Everett P., and Cook. 2,846,273.
- Cook, Earle S. to Westinghouse Air Brake Co. Graduated release type brake controlling valve with improved control reservoir charging control. 2,836,466, 5-27-58, Cl. 303-35.
- Cook, Earle S., to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,846,270, 8-5-58, Cl. 303-46.
- Cook, Earle S., G. T. McClure, and J. W. Rush, to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,821,442, 1-28-58, Cl. 303-60.
- Cook, Earle S., and G. T. McClure, to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,858,168, 10-28-58, Cl. 303-35.
- Cook, Edward G.: *See*—
- Van Valkenburg, Howard E., and Cook. 2,839,916.
- Cook Electric Co.: *See*—
- Baker, John S. 2,859,390.
- Carlson, Robert C. 2,866,874.
- Carlson, Robert C., and Witte. 2,866,868.
- Hasselhorn, Walter C. 2,839,635.
- Hasselhorn, Walter C. 2,862,098.
- Cook, Ellis M. Right and left thread, slidable jaw, handle-actuated wrench. 2,848,917, 8-26-58, Cl. 81-163.
- Cook, Ellsworth D., to General Electric Co. Apparatus for measuring hardness. 2,834,202, 5-13-58, Cl. 72-81.
- Cook, Ellsworth D., to General Electric Co. Optical flaw detection apparatus. 2,866,376, 12-30-58, Cl. 88-14.
- Cook, Ernest E.: *See*—
- Sadler, Harry J., and Cook. 2,822,121.
- Sadler, Harry J., and Cook. 2,862,246.
- Cook, Eugene F. Two-stage master brake cylinder. 2,820,346, 1-21-58, Cl. 60-54.6.
- Cook, Franklin W., to Wafast Indicator Co. Cumulative gauge. 2,836,977, 6-3-58, Cl. 73-417.
- Cook, Garrett A.: *See*—
- Aldridge, Clarence F., and Cook. 2,833,149.
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- Manteuffel, Allan, Chapman, and Cook. 2,851,422.
- Manteuffel, Allan A., and Cook. 2,826,549.
- Manteuffel, Allan A., and Cook. 2,864,726.
- Cook, George R., W. W. Cortiss, and A. A. Manteuffel, to The Pure Oil Co. Heavy duty soluble oil composition. 2,846,393, 8-5-58, Cl. 252-33.3.
- Cook, Gordon H., to Taylor, Taylor & Hobson Ltd. Anamorphic attachments for optical objectives. 2,821,110, 1-28-58, Cl. 88-57.
- Cook, Gordon H., to Taylor, Taylor & Hobson Ltd. Anamorphic optical systems. 2,832,262, 4-29-58, Cl. 88-57.
- Cook, Gordon H., to Taylor, Taylor & Hobson Ltd. Telephoto objectives. 2,832,263, 4-29-58, Cl. 88-57.
- Cook, Henry, to Rolls-Royce Ltd. Fuel systems for gas turbine-engine installations. 2,864,440, 12-16-58, Cl. 158-36.3.
- Cook, Horace F., and G. L. Nelson, to Bird Machine Co. Centrisweep. 2,856,124, 10-14-58, Cl. 233-7.
- Cook, Howard L., L. R. Clark, R. F. Knopp, and D. A. Marlow, to Aerophysics Development Corp. Force measuring device. 2,843,076, 7-15-58, Cl. 116-114.
- Cook, Hurley D.: *See*—
- Lemmon, Norman E., Cook, and Frank. 2,833,713.
- Cook, James A. Pick boxes for coal and like cutting machines. 2,853,283, 9-23-58, Cl. 262-33.
- Cook, James F., to Union Oil Co. of California. Metal salts of sulfonated acrylic ester polymers and lubricating oils containing the same. 2,858,272, 10-28-58, Cl. 252-33.
- Cook, John S., to Bell Telephone Laboratories, Inc. Traveling wave tube. 2,863,086, 12-2-58, Cl. 315-3.5.
- Cook, John S., R. Kompfner, and K. M. Poole, to Bell Telephone Laboratories, Inc. Non-reciprocal wave transmission. 2,860,278, 11-11-58, Cl. 315-3.5.
- Cook, Leo W.: *See*—
- Smirl, Richard L., and Cook. 2,858,681.
- Cook, Leonard W., to General Electric Co. Solenoid-operated relay. 2,841,669, 7-1-58, Cl. 200-102.
- Cook, Lloyd A.: *See*—
- Belz, Lloyd H., Cook, and Eastwood. 2,852,659.
- Cook, Lyman, to The Foxboro Co. Hydraulic valve positioning system with valve position feedback. 2,827,020, 3-18-58, Cl. 121-41.
- Cook, Marion F., to Motorola, Inc. Signal generator system. 2,826,741, 3-11-58, Cl. 332-14.
- Cook, Nelson E., and S. L. Norteman, to Wheeling Steel Corp. Apparatus for fluxing and coating metal strip. 2,823,641, 2-18-58, Cl. 118-74.
- Cook, Nelson E., and S. L. Norteman, to Wheeling Steel Corp. Fluxing and coating metal strip. 2,824,020, 2-18-58, Cl. 117-51.
- Cook, Nelson E., and S. L. Norteman, to Wheeling Steel Corp. Method of coating metal with molten coating metal. 2,824,021, 2-18-58, Cl. 117-51.
- Cook, Newell C.: *See*—
- Wolfe, John K., and Cook. 2,835,711.
- Cook, Norbert F.: *See*—
- Klein, Victor G., and Cook. 2,822,823.
- Cook Paint & Varnish Co.: *See*—
- Wright, Howard J., McGuire, and Westfall. 2,861,048.
- Cook, Paul W. Larger steering wheel attachment. 2,845,811, 8-5-58, Cl. 74-494.
- Cook, Ralph L., to Olin Mathieson Chemical Corp. Smokeless powder. 2,865,728, 12-23-58, Cl. 52-5.
- Cook, Richard E.: *See*—
- Greminger, George K., Jr., Cook, and Stieve. 2,831,026.
- Cook, Richard S., and W. E. Craig, to Rohm & Haas Co. Pesticidally active amine salts. 2,853,519, 9-23-58, Cl. 260-556.
- Cook, Richard S., and C. H. McKeever, to Rohm & Haas Co. Dinitroalkylphenyl methacrylates. 2,862,022, 11-25-58, Cl. 260-479.
- Cook, Robert F., Jr. Electric cable insulation cutter. 2,835,031, 5-20-58, Cl. 30-91.
- Cook, Robert G., to United States of America, Navy. Automatic aircraft holdback release device. 2,853,257, 9-23-58, Cl. 244-110.
- Cook, Robert G., Jr., and E. J. Le Sage, to Armsstrong Cork Co. Buffer brush. 2,856,624, 10-21-58, Cl. 15-181.
- Cook, Shirl E., and C. M. Nebr, to Ethyl Corp. Process of making ethylchloride and vinyl chloride. 2,838,577, 6-10-58, Cl. 260-656.
- Cook, Sidney H., to United Shoe Machinery Corp. Bond breaking machines. 2,856,618, 10-21-58, Cl. 12-1.
- Cook-Waite Laboratories, Inc.: *See*—
- Reznek, Solomon. 2,843,934.
- Cook, William: *See*—
- Brown, Harold H., and Cook. 2,837,153.
- Cook, William R.: *See*—
- Doughty, Joseph B., and Cook. 2,864,811.
- Cooke, Bryan: *See*—
- Learmonth, William, and Cooke. 2,840,262.
- Cooke, Edison. Garden hose holder. 2,859,007, 11-4-58, Cl. 248-75.
- Cooke, Giles B., and M. N. Timbs, to Crown Cork & Seal Co., Inc. Method and apparatus for molding cork products. 2,853,735, 9-30-58, Cl. 18-4.
- Cooke, Gordon P.: *See*—
- Grout, John A. M., and Cooke. 2,832,200.
- Cooke, Harold G., Jr., to Devco & Reynolds Co., Inc. Epoxide resins. 2,864,805, 12-16-58, Cl. 260-47.
- Cooke, Harry F.: *See*—
- Holaday, Charles E., Cooke, Marble, and Larrison. 2,825,026.
- Cooke, John A., to Berlin & Jones Co., Inc. Service envelope. 2,860,826, 11-18-58, Cl. 229-72.
- Cooke, Theodore F.: *See*—
- Fluck, Linton A., Cooke, and Roth. 2,864,723.
- Cooke, Theodore F., L. J. Moretti, and W. J. van Loo, Jr., to American Cyanamid Co. Antistatic treatment for hydrophobic synthetic fiber-containing materials. 2,839,506, 6-17-58, Cl. 260-67.6.
- Cooke, Theodore F., L. J. Moretti, and R. C. Conn, to American Cyanamid Co. Magnesium chloride catalyst for modified urea resins. 2,846,337, 8-5-58, Cl. 117-139.4.
- Cooke-Yarborough, Edmund H., to United States of America, Atomic Energy Commission. Electronic pulse scaling circuits. 2,861,201, 11-18-58, Cl. 307-88.5.
- Cooksley, Ralph D., 1/2 to Pressure Packaging Corp. Two way resilient valve for pressurized containers. 2,861,723, 11-25-58, Cl. 222-394.
- Cooksley, Ralph D., and W. M. Lester. Flexible dispensing head for pressurized containers. 2,862,648, 12-2-58, Cl. 222-394.
- Cookson Co.: *See*—
- Cookson, Harold W., Jr., Forestier, and Wardlaw. 2,820,516.
- Wardlaw, Russell. 2,819,628.
- Cookson, Harold W., Jr., E. H. Forestier, Jr., and R. Wardlaw, to Cookson Co. Door construction. 2,820,516, 1-21-58, Cl. 160-209.
- Cookson, Joseph. Conveyor system. 2,836,281, 5-27-58, Cl. 193-33.
- Cookson, Leonard T., and W. R. Smith, to The Upjohn Co. Counter with rotating device. 2,855,128, 10-7-58, Cl. 222-352.
- Cookson, William, 1/2 to J. C. Vredenburg-Inglesby. Fixing devices for roofing sheets. 2,865,312, 12-23-58, Cl. 108-33.
- Cooley, Hal, to W. L. Thompson. Motion picture electric circuit control apparatus. 2,840,659, 6-24-58, Cl. 200-87.
- Cooley, Laurel E., Jr.: *See*—
- Cooley, Laurel E., Sr., L. E. Cooley, Jr., and Plaul. 2,825,518.
- Cooley, Laurel E., Sr., L. E. Cooley, Jr., and Plaul. 2,832,405.
- Cooley, Laurel E., Sr., L. E. Cooley, Jr., and Plaul. 2,838,784.
- Cooley, Laurel E., Sr., L. E. Cooley, Jr., and C. O. Plaul. Portable projection screen structure. 2,825,518, 3-4-58, Cl. 248-171.
- Cooley, Laurel E., Sr., L. E. Cooley, Jr., and C. O. Plaul. Portable projection screen mounting. 2,832,405, 4-29-58, Cl. 160-24.

- Cooley, Laurel E., Sr., L. E. Jr., and C. O. Plaul. Hand-grip latch mechanism. 2,838,784, 6-17-58, Cl. 16-125.
- Cooley, Morris R., $\frac{1}{2}$ to H. A. Huebner and $\frac{1}{2}$ to R. M. Morrel. Rotary side delivery wheel rake. 2,844,935, 7-29-58, Cl. 56-377.
- Coolidge, Charles A.: *See*—
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Cohn, Edwin J. 2,822,315.
- Coolidge, John E., Jr., and G. Konvalinka, to Borg-Warner Corp. Precipitator charge indicator. 2,861,261, 11-18-58, Cl. 340-252.
- Coombs, John M., to Sperry Rand Corp. Data storage apparatus controls. 2,859,429, 11-4-58, Cl. 340-174.
- Coombs, Robert S. Sound rullier device for exhausts of internal combustion engines. 2,832,430, 4-29-58, Cl. 181-43.
- Cooney, John P., to Lord Mfg. Co. Resilient mounting and friction damper. 2,827,281, 3-18-58, Cl. 267-9.
- Cooney, John R. Carrier-wave transmitting and receiving apparatus. 2,848,540, 8-19-58, Cl. 179-2.5.
- Coonfare, Robert H.: *See*—
Graves, Edwin E., and Coonfare. 2,848,804.
- Coonrad, Harry L., and W. K. Leaman, to Socony Mobil Oil Co., Inc. Method for stabilizing fuel oils with activated ion-exchange resins. 2,831,799, 4-22-58, Cl. 196-23.
- Coonrad, Teall, to International Business Machines Corp. Sheet controlled electrically operable time recording device. 2,842,052, 7-8-58, Cl. 101-287.
- Coons, Burton C. and W. B. Cleanout mechanism for peeling knife. 2,860,676, 11-18-58, Cl. 146-43.
- Coons, Curtis C., to The Hoover Co. Surface cleaning tool with pressure and floating brushes. 2,842,792, 7-15-58, Cl. 15-355.
- Coons, Willard B.: *See*—
Coons, Burton C. and W. B. 2,860,676.
- Coontz, Leland L., Jr., to North American Aviation, Inc. Etching template. 2,820,312, 1-21-58, Cl. 41-9.
- Cooper, Albert, to Murihead & Co. Ltd. Oscillators. 2,825,811, 3-4-58, Cl. 250-36.
- Cooper Alloy Corp.: *See*—
Mott, Norman S. 2,861,883.
- Cooper, Allyn R., and H. M. Power rotary lawn mower. 2,823,507, 2-18-58, Cl. 56-25.4.
- Cooper, Allyn R. and H. M. Lawn trimmer and edger construction. 2,855,742, 10-14-58, Cl. 56-25.4.
- Cooper, Alva N. Wall element. 2,820,349, 1-21-58, Cl. 61-47.
- Cooper, Benjamin, and M. J. Charet; said Charet to said Cooper. Self-balancing barrier gate. 2,826,840, 3-18-58, Cl. 39-48.
- Cooper, Benjamin, M. Klein, and N. Clay; said Klein and said Clay assors. to said Cooper. Doors. 2,848,759, 8-26-58, Cl. 20-16.
- Cooper, Benjamin, and A. Hohmann; said Hohmann assor. to said Cooper. Print controlling device for weighing scales. 2,856,176, 10-14-58, Cl. 265-5.
- Cooper, Benjamin, J. S. Wapner, and J. G. Roback; said Wapner and said Roback assors. to said Cooper. Data recorder. 2,863,710, 12-9-58, Cl. 346-34.
- Cooper, Benjamin, and A. Stern; said Stern to said Cooper. Sonic vehicle counter. 2,866,600, 12-30-58, Cl. 235-99.
- Cooper-Bessemer Corp.: *See*—
Crooks, William R. 2,854,187.
Fulleman, John. 2,858,666.
Miller, Carl D. 2,833,131.
Ramsey, Robert P., and Soo. 2,839,035.
- Cooper, Charles L. Retractable trailer hitch. 2,823,930, 2-18-58, Cl. 280-491.
- Cooper, Charles M.: *See*—
Ohlinger, Leo A., and Cooper. 2,855,355.
- Cooper, David H. D., to Dunlop Tire and Rubber Corp. Pneumatic tires. 2,826,233, 3-11-58, Cl. 152-361.
- Cooper, Donald E.: *See*—
Wise, Boyd A., Cooper, and Thompson. 2,858,108.
- Cooper, Donald L., and H. M. De Vane. Adjustable rear view mirror for trucks. 2,843,018, 7-15-58, Cl. 88-98.
- Cooper, Frank, and H. Malbon, to National Research Development Corp. Magnetic storage system. 2,840,798, 6-24-58, Cl. 340-174.
- Cooper, Frederick D.: *See*—
Kersey, Albert H., and Cooper. 2,861,584.
- Cooper, Glenn D.: *See*—
Gilbert, Alfred R., and Cooper. 2,842,580.
- Cooper, Harold M.: *See*—
Cooper, Allyn R., and H. M. 2,823,507.
Cooper, Allyn R. and H. M. 2,855,742.
- Cooper, Haskell G. Safe-passing viewer for motor vehicles. 2,854,882, 10-7-58, Cl. 88-2.7.
- Cooper, Herbert K. Speech aid. 2,862,209, 12-2-58, Cl. 3-1.3.
- Cooper, Hugh S., to W. M. Weil. Method for producing low-carbon ferrochromium. 2,831,761, 4-22-58, Cl. 75-28.
- Cooper, Hugh S., to William F. Jobbins, Inc. Method of working and heat treating aluminum-magnesium alloys and product thereof. 2,841,512, 7-1-58, Cl. 148-11.5.
- Cooper, Hugh S., to W. M. Weil. Production of lower oxides of titanium. 2,848,303, 8-19-58, Cl. 23-202.
- Cooper, Hugh S., to W. M. Weil. Production of chromium by low-pressure reduction of oxides. 2,850,378, 9-2-58, Cl. 75-84.
- Cooper, Jack, D. M. Pasquale, and J. J. Windheuser, to Ciba Pharmaceutical Products, Inc. Self-lubricating granulation. 2,857,313, 10-21-58, Cl. 167-82.
- Cooper, John, to American Home Products Corp. Cap tightener. 2,829,479, 4-8-58, Cl. 53-331.5.
- Cooper, John C.: *See*—
Hagmann, Robert W., and Cooper. 2,842,708.
- Cooper, John R., to S. Gross. Fluorescent lighting fixture. 2,834,873, 5-13-58, Cl. 240-11.4.
- Cooper-Jones, Dennis L.: *See*—
Earp, Charles W., and Cooper-Jones. 2,860,336.
- Cooper, Joseph. Slide assembly for drop leaf extension tables. 2,820,682, 1-21-58, Cl. 311-61.
- Cooper, Joseph. Slide assembly for extension tables. 2,860,939, 11-18-58, Cl. 311-71.
- Cooper, Joseph F., Jr.: *See*—
Swanstrom, John E., Connell, and Cooper. 2,818,758.
Swanstrom, John E., Connell, Cooper, and Swanson. 2,849,908.
- Cooper, Joseph H., to E. I. du Pont de Nemours and Co. Pigment production. 2,857,400, 10-21-58, Cl. 260-246.
- Cooper, Kenneth K., to General Electric Co. Variable displacement rotary pump. 2,830,756, 4-15-58, Cl. 230-138.
- Cooper, La Mar S., E. J. Dittich, and W. J. Noe, to Amana Refrigeration Inc. Tube and strainer assembly. 2,847,835, 8-19-58, Cl. 62-474.
- Cooper, Robert B., to United Co-Operatives, Inc. Spraying apparatus nozzle. 2,850,327, 9-2-58, Cl. 299-140.
- Cooper, Robert H., and K. L. Godfrey, to Monsanto Chemical Co. 2,2'-thiobis(polyhalophenols). 2,849,494, 8-26-58, Cl. 260-609.
- Cooper, Robert S.: *See*—
Toy, Arthur D. F., and Cooper. 2,844,558.
- Cooper, Roy L., to Waterman Engineering Corp. Liquid or gas capacitor. 2,828,769, 4-1-58, Cl. 138-30.
- Cooper, Roy L., to Waterman Engineering Corp. Dispensing machine for beverages. 2,838,077, 6-10-58, Cl. 141-82.
- Cooper, Roy L., to Waterman Engineering Corp. Vending machines for a multiplicity of hot mixtures. 2,852,043, 9-16-58, Cl. 141-82.
- Cooper, Theodore W., to Hughes Aircraft Co. Junction-type-semiconductor devices and method of making the same. 2,866,929, 12-30-58, Cl. 317-235.
- Cooper, Thomas E., Jr. Pump piston and rod. 2,853,347, 9-25-58, Cl. 309-17.
- Cooper, Victor J., to Marconi's Wireless Telegraph Co. Ltd. Television and like transmitter installations. 2,861,123, 11-18-58, Cl. 178-7.1.
- Cooper, Wayne L., to Cushman Motor Works, Inc. Golf bag locating and retaining carrier means for vehicles. 2,822,969, 2-11-58, Cl. 224-42.32.
- Cooper Weymouth, Inc.: *See*—
Weymouth, George J. 2,856,186.
- Cooper, Wilfrid: *See*—
Jones, Frederick A., Cooper, Bowen, and Griffiths. 2,836,575.
- Coöperatieve Verkoop-en Productievereniging van Aardappelmeel en Derivaten "Avebe" G. A.: *See*—
Bus, Willem C., Muetgeert, and Hiemstra. 2,822,305.
Bus, Willem C., Muetgeert, and Hiemstra. 2,829,987.
Bus, Willem C., Muetgeert, and Hiemstra. 2,829,988.
Bus, Willem C., Muetgeert, and Hiemstra. 2,829,989.
Bus, Willem C., Muetgeert, and Hiemstra. 2,829,990.
Muetgeert, Johannes, and Hiemstra. 2,822,581.
- Cooperrider, Myron T.: *See*—
Swenson, Paul F., and Cooperrider. 2,836,365.
- Coopersmith, Rudolph. Sofa bed construction. 2,823,389, 2-18-58, Cl. 5-13.
- Cooprider, Rex C.: *See*—
Stewart, James U., and Cooperrider. 2,828,893.
Stewart, James U., and Cooperrider. 2,837,247.
Stewart, James U., and Cooperrider. 2,846,124.
Stewart, James U., and Cooperrider. 2,853,210.
- Cootes, Harold E., to AMP Inc. Automatic terminal applying machine. 2,858,537, 11-4-58, Cl. 1-177.
- Coover, Harry W., Jr.: *See*—
McCall, Marvin A., and Coover. 2,824,145.
McCall, Marvin A., and Coover. 2,856,376.
McConnell, Richard L., and Coover. 2,849,476.
McConnell, Richard L., and Coover. 2,861,092.
McConnell, Richard L., and Coover. 2,865,949.
Shearer, Newton H., Jr., and Coover. 2,865,960.
- Coover, Harry W., Jr., to Eastman Kodak Co. Dialkyl-2-haloalkylphosphonates and copolymers thereof. 2,827,475, 3-18-58, Cl. 260-461.
- Coover, Harry W., Jr., to Eastman Kodak Co. Polymers of 3-alkylidene phthalimides. 2,828,292, 3-25-58, Cl. 260-80.3.
- Coover, Harry W., Jr., to Eastman Kodak Co. Preparation of polyolefins of improved color by catalytic polymerization with a titanium tetraalkoxide and a monoalkyl aluminum dihalide. 2,833,755, 5-6-58, Cl. 260-93.7.
- Coover, Harry W., Jr., to Eastman Kodak Co. Copolymerization of acrylonitrile and another unsaturated monomer in the presence of preformed interpolymers. 2,838,470, 6-10-58, Cl. 260-45.5.
- Coover, Harry W., Jr., and W. C. Wooten, Jr., to Eastman Kodak Co. Mixtures of acrylic nitrile-ethylene chloride copolymers with acrylamidic polymers and fibers thereof. 2,831,826, 4-22-58, Cl. 260-32.8.

- Coover, Harry W., Jr., and H. M. Hill, to Eastman Kodak Co. Alkyl and aryl isopropenyl sulfones and polymers thereof. 2,843,570, 7-15-58, Cl. 260-79.3.
- Coover, Harry W., Jr., and W. C. Wooten, Jr., to Eastman Kodak Co. Mixtures comprising methacrylonitrile polymers with alkyl acrylate polymers. 2,850,478, 9-2-58, Cl. 260-45.5.
- Coover, Harry W., Jr., and R. L. McConnell, to Eastman Kodak Co. Preparation of neutral mixed phosphates by interaction of phosphates. 2,852,549, 9-16-58, Cl. 260-461.
- Coover, Harry W., Jr., and N. H. Shearer, Jr., to Eastman Kodak Co. Organophosphorus compounds derived from alkyl methacrylates. 2,856,390, 10-14-58, Cl. 260-86.1.
- Copco Steel & Engineering Co.: See—
Carnick, Lyle. 2,850,774.
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Macklem, George C. 2,827,139.
Tenenbaum, Paul. 2,831,704.
- Cope, Arthur C. 2,5-bis(phthalimidomethyl)-tetrahydrofuran. 2,857,397, 10-21-58, Cl. 260-326.
- Cope, Arthur C., and M. Burg, to Merck & Co., Inc. Sulfonic acid esters of ethanalamines. 2,825,736, 3-4-58, Cl. 260-456.
- Cope, Arthur C., and B. S. Fisher, to E. I. du Pont de Nemours and Co. Aryl methylenamino-substituted 3-cyanophenones and their preparation. 2,849,449, 8-26-58, Cl. 260-240.
- Cope, Stanley T., to National Research Development Corp. Anchor. 2,856,881, 10-21-58, Cl. 114-208.
- Cope, T. J., Inc.: See—
Di Meo, Unico, and Reeves. 2,823,056.
Reeves, Thomas C. 2,834,622.
Waters, David, Sr. and D. Jr., and Reeves. 2,860,742.
- Copeland, Charles E., to The Scholl Mfg. Co., Inc. Shoe with spring stitched upper and method of making the same. 2,818,663, 1-7-58, Cl. 36-45.
- Copeland, Charles V., to Wayne Home Equipment Co. Air adjusting device for a furnace heating unit. 2,839,080, 6-17-58, Cl. 137-625.4.
- Copeland, Claude L. System for loading and unloading of truck-trailers and railroad cars. 2,843,276, 7-15-58, Cl. 214-38.
- Copeland, Claude L. System for loading and unloading of truck-trailers and railroad cars. 2,854,158, 9-30-58, Cl. 214-38.
- Copeland, Clayton S. Resilience adjusting means for coil springs. 2,829,883, 4-8-58, Cl. 267-60.
- Copeland, Ernest. Animal feeding cabinet. 2,845,896, 8-5-58, Cl. 119-51.
- Copeland, Edward L.: See—
Lapetina, Herbert. 2,836,924.
- Copeland, Paul L.: See—
De Lany, Beatrice P., and Copeland. 2,841,731.
- Copeland, Thomas D., Jr. Dust spraying apparatus. 2,850,836, 9-9-58, Cl. 43-147.
- Copeland, William M., to General Electric Co. Window ventilator construction. 2,846,936, 8-12-58, Cl. 98-94.
- Copeland, William M., and A. W. Wakeman, to General Electric Co. Multiple purpose ventilator and air circulator. 2,862,657, 12-2-58, Cl. 230-273.
- Copeman Laboratories Co.: See—
Copeman, Lloyd G. 2,829,815.
- Copeman, Lloyd G., to Copeman Laboratories Co. Composite box. 2,829,815, 4-8-58, Cl. 229-23.
- Copen, Edward H. Wallet construction. 2,851,284, 9-9-58, Cl. 282-1.
- Copenhaver, Dwight L.: See—
Doyle, William F., and Copenhaver. 2,832,518.
- Copmans, Carl W. Foot-supporting and corrective devices. 2,849,808, 9-2-58, Cl. 36-71.
- Coplen, Elbert M.: See—
Kahl, Frank J., and Coplen. 2,826,798.
- Coplen, Milo G. Container for plants. 2,818,681, 1-7-58, Cl. 47-34.
- Copp, Belton A.: See—
Schellens, Christopher A. 2,821,927.
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- Coppage, Jesse C., to Allied Chemical & Dye Corp. Preparation of rubber-containing bituminous macadam surfaces. 2,841,060, 7-1-58, Cl. 94-23.
- Coppens, Robert G. J.: See—
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- Copping, Bruce G., to Atrkon, Inc. Can aligning means. 2,845,165, 7-29-58, Cl. 198-33.
- Coppola, Patrick P., to North American Phillips Co., Inc. Thermionic dispenser cathode. 2,864,028, 12-9-58, Cl. 313-346.1.
- Coppola, Richard J. Frequency band relay. 2,832,920, 4-29-58, Cl. 317-188.
- Copson, David A., to Raytheon Mfg. Co. Microwave irradiation of fruit juices. 2,833,657, 5-6-58, Cl. 99-221.
- Copson, David A., to Raytheon Mfg. Co. Methods and apparatus for radio frequency freeze-drying. 2,859,534, 11-11-58, Cl. 34-1.
- Copson, David A., and L. Davis, Jr., to Raytheon Mfg. Co. Heating method and apparatus. 2,830,162, 4-8-58, Cl. 219-10.41.
- Corbeels, Theophile, and R. N. Marshall, to Western Electric Co., Inc. Coupling with flange aligning means. 2,859,052, 11-4-58, Cl. 285-18.
- Corben, Leo D., and E. A. Steigmann, to General Foods Corp. Method of preparing cold water-soluble gelatin and the resulting product. 2,834,683, 5-13-58, Cl. 99-130.
- Corbett, Harold A. Preserved fish food. 2,825,648, 3-4-58, Cl. 99-3.
- Corbett, Joseph R., and L. H. Sprague; said Sprague assor. to said Corbett. Motor unit for culinary appliances. 2,841,723, 7-1-58, Cl. 310-50.
- Corbett, Lawrence W., to Bachmann Uxbridge Worsted Corp. Sealing means for a roll assembly in the entrance or exit passage of a pressure or vacuum chamber. 2,844,889, 7-29-58, Cl. 34-242.
- Corbett, Michael J., Jr., to The Rudolph Wurlitzer Co. Key and key bar. 2,852,973, 9-23-58, Cl. 84-423.
- Corbett, Thomas H. Pumps. 2,845,875, 8-5-58, Cl. 103-153.
- Corbett, William H.: See—
Schmitt, Joy B., and Corbett. 2,847,248.
Schmitt, Joy B., and Corbett. 2,847,549.
- Corbett, William H., J. B. Schmitt, and A. D. Brunell, to The De Vilbiss Co. Electric steam vaporizer. 2,847,550, 8-12-58, Cl. 219-40.
- Corbi, Alfred. Button ornament mounting. 2,834,080, 5-13-58, Cl. 24-113.
- Corbiere, Paul J., and P. Mosse, to Crylor. Compositions derived from polymers having a basis of acrylonitrile. 2,854,436, 9-30-58, Cl. 260-45.75.
- Corbin, Douglas T.: See—
Long, Oliver R. 2,848,001.
- Corbin, Milford H., R. L. Lippe, J. T. Yater, T. E. Goodwin, J. P. Drinjak, and E. M. Squire, to Color Carousel Corp. Paint mixing machine. 2,848,019, 8-19-58, Cl. 141-100.
- Corbin, Robert B., to Motorola, Inc. Crystal oven. 2,846,596, 8-5-58, Cl. 310-8.9.
- Corbin, Robert G.: See—
Wald, John R., Jr., Corbin, and Bagshaw. 2,859,560.
- Corbin, Robert G., to Wald Industries, Inc. Highway guard for wet traffic lines. 2,821,950, 2-4-58, Cl. 116-63.
- Corbin, Russel G., to General Motors Corp. Door latch with slidable actuator. 2,849,251, 8-26-58, Cl. 292-280.
- Corbin, Russel G., and B. D. Priestman, to General Motors Corp. Tail gate latch. 2,839,912, 6-24-58, Cl. 70-141.
- Corbin, Wesley S., to The Black-Clawson Co. Flow evenor roll for paper making machines. 2,860,552, 11-18-58, Cl. 92-44.
- Corbitt, Howard E., to Aerojet-General Corp. Anti-chatter switch. 2,835,762, 5-20-58, Cl. 200-88.
- Corby Mfg. Co.: See—
Byer, Joseph A. 2,860,353.
- Corckran, John C. Wire nail with indented shank sides to increase holding power. 2,819,641, 1-14-58, Cl. 85-21.
- Corckran, John C. Corrugated nail making machine having a combined wire feeding and rolling means. 2,821,727, 2-4-58, Cl. 10-46.
- Corcoran, Ethel J.: See—
Cashman, Edward P., and Corcoran. 2,824,840.
Cashman, Edward P., Corcoran, and Dean. 2,825,717.
- Corcoran, Geraldine B., to The C. P. Hall Co. of Illinois. Purification of dicarboxylic acids. 2,824,135, 2-18-58, Cl. 260-537.
- Corcoran, Lyle S. Shell re-loading apparatus. 2,819,644, 1-14-58, Cl. 86-23.
- Corcoran, William H.: See—
Beacham, Robert C., Butler, and Corcoran. 2,853,069.
- Corda nei Ghelardoni: See—
Carignani, Ernesto, and Corda. 2,857,852.
- Cordaro, Vincent, and S. R. Martorano. Hair cutting shaper. 2,849,793, 9-2-58, Cl. 30-30.
- Corderman, Sidney A., to McIntosh Laboratory, Inc. High fidelity audio amplifier. 2,825,766, 3-4-58, Cl. 179-171.
- Cordero, Rodolfo S. Juice extractor. 2,845,971, 8-5-58, Cl. 146-76.
- Cordes, Charles E., to Esso Research and Engineering Co. Process for preparing methyl ethyl ketone from secondary butanol. 2,835,706, 5-20-58, Cl. 260-596.
- Cordis, Nat. Dual-belt elevator for poultry feeds. 2,833,394, 5-6-58, Cl. 198-165.
- Cordis, Nat. Animal pellet injector gun. 2,850,013, 9-2-58, Cl. 128-217.
- Cordis, Nat. Continuous web-type poultry feeder. 2,861,675, 11-25-58, Cl. 198-181.
- Cordis, Nat. Litter remover for automatic poultry feeder. 2,861,685, 11-25-58, Cl. 209-98.
- Cordis, Nat. Unitary open-top channel-type conveyor and elevator. 2,863,554, 12-9-58, Cl. 198-171.
- Cordora, Joseph C., and T. F. Carlin, to Teleflex Inc. Control system and conduit cable. 2,821,092, 1-28-58, Cl. 74-501.
- Cordova, José J. Compound valve for mixing, distributing, and volume control of fluid. 2,862,520, 12-2-58, Cl. 137-636.2.
- Cordray, Arthur C.: See—
Drissner, Alfred E., and Cordray. 2,833,023.
- Cordry, Burton L., to Bendix Aviation Corp. Phantastron circuits. 2,824,960, 2-25-58, Cl. 250-27.
- Cordry, Durrel F. Automatic speed control for automotive vehicles. 2,852,086, 9-16-58, Cl. 180-82.1.
- Cords, Helmuth, to Olin Mathieson Chemical Corp. Purification of steroids. 2,849,460, 8-26-58, Cl. 260-397.4.

- Cords, Helmuth, to Olin Mathieson Chemical Corp. Selective hydrogenation. 2,866,794, 12-30-58, Cl. 260-346.2.
- Core Laboratories, Inc.: *See*—
- Knight, Robert F. 2,860,417.
- Horne, William L. 2,842,204.
- Corella, Roy. Retractable container spout. 2,837,253, 6-3-58, Cl. 222-517.
- Corey, Clark L.: *See*—
- Eberle, Fritz T., and Corey. 2,822,265.
- Eberle, Fritz T., and Corey. 2,824,796.
- Corey, Flournoy: *See*—
- Corey, Frederick C. and Flournoy. 2,866,226.
- Corey, Flournoy and Frederick C., and R. H. Farchmin, to Pickwick Co. Poultry dressing apparatus. 2,852,805, 9-23-58, Cl. 17-11.2.
- Corey, Flournoy and Frederick C. Poultry processing equipment. 2,855,625, 10-14-58, Cl. 17-11.1.
- Corey, Flournoy, and R. D. Pirts, to Pickwick Co. Poultry processing equipment. 2,862,230, 12-2-58, Cl. 17-11.1.
- Corey, Frederick C.: *See*—
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- Corey, Flournoy and Frederick C., and Farchmin. 2,852,805.
- Corey, Frederick C. and Flournoy, to Pickwick Co. Poultry processing equipment. 2,866,226, 12-30-58, Cl. 17-11.1.
- Corey, John W.: *See*—
- Dietzler, Andrew J., Noddings, and Corey. 2,824,843.
- Corey-McFall Co.: *See*—
- Braun, William H. 2,860,699.
- Cork, Edward C., and M. Bowman-Manifold, to Electric & Musical Industries Ltd. Method of erecting coaxial electric feeder. 2,862,293, 12-2-58, Cl. 29-433.
- Corley, Gale C. Hoist for building sections. 2,828,869, 4-1-58, Cl. 214-1.
- Corley, Gale C. Hoist. 2,828,870, 4-1-58, Cl. 214-1.
- Corley, Richard S.: *See*—
- Blout, Elkan R., Cohen, Corley, and Simon. 2,852,573.
- Corlet, Gabriel F., to Societe Anonyme Dessins Etudes Outillage Mecanique, D. E. O. M. Stoves and like apparatus using liquefied gas. 2,853,126, 9-23-58, Cl. 158-33.
- Corliss, Allen G.: *See*—
- Nock, Walter W., Bidle, Corliss, and Phifer. 2,825,657.
- Corliss, Robert F., to Wickland Mfg. Co. Sewage disposal system. 2,858,939, 11-4-58, Cl. 210-136.
- Cormack, Marjorie J.: *See*—
- Adams, Clyde S., and Cormack. 2,828,342.
- Adams, Clyde S., Cormack, and Frazier. 2,828,341.
- Corn, Adolph D.: *See*—
- Baillif, Ernest A., and Corn. 2,839,899.
- Corn Products Refining Co.: *See*—
- Alt, Edward E., Jr., and Davis. 2,845,367.
- Durand, Harry W. 2,836,591.
- Hobbs, Kenneth C., Kerr, and Kite. 2,833,759.
- Johnson, George F. 2,854,125.
- Kerr, Ralph W., and Cleveland. 2,852,393.
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- Kool, Earl R. 2,833,695.
- McDowell, Clifford J. 2,854,345.
- Reiners, Robert A. 2,845,439.
- Satterthwaite, Robert W. 2,852,404.
- Schoenberger, John J., and Turula. 2,849,326.
- Stewart, Charles W. 2,841,495.
- Watson, Stanley A. 2,859,114.
- Wilson, Alexander L., and Frankel. 2,854,359.
- Cornalba, Tulio H. A. Automatic tank for wash out closets, water drains and the like. 2,821,720, 2-4-58, Cl. 4-42.
- Cornbleet, Sidney, to The General Electric Co. Ltd. Directive radio aerial systems. 2,823,380, 2-11-58, Cl. 343-776.
- Cornell, Ernest R. Liquid transfer machine. 2,818,815, 1-7-58, Cl. 103-149.
- Cornell, Ernest R. Centrifugal separator for immersion in a fluid body. 2,852,186, 9-16-58, Cl. 233-27.
- Cornell, Hampton G., and E. F. Wadley, to Esso Research and Engineering Co. Production of high molecular weight aromatics. 2,843,531, 7-15-58, Cl. 196-52.
- Cornell, Hampton G., E. W. Lewis, and J. M. Powers, to Esso Research and Engineering Co. Process for recovery of high purity hydrocarbons. 2,848,519, 8-19-58, Cl. 260-674.
- Cornelson, Boyd, to Texas Instruments Inc. Method and apparatus for growing semiconductor crystals. 2,839,436, 6-17-58, Cl. 148-1.5.
- Cornelson, Boyd, to Texas Instruments Inc. Apparatus for making beverages. 2,866,400, 12-30-58, Cl. 99-308.
- Cornelius, Gail, to R. M. Wade & Co. Wheel supported movable pipe line. 2,860,007, 11-11-58, Cl. 299-47.
- Cornelius, George W., to Holley Carburetor Co. Self-contained fuel shut-off device. 2,840,359, 6-24-58, Cl. 261-41.
- Cornelius, George W., to Holley Carburetor Co. Apparatus for consuming the unburned products of combustion of an internal combustion engine. 2,851,852, 9-16-58, Cl. 60-30.
- Cornelius, George W., to Holley Carburetor Co. Electrically actuated fuel shut-off apparatus. 2,856,167, 10-14-58, Cl. 261-39.
- Cornelius, Paul D., to Viller Engineering Corp. Spring plunger. Re. 24,496, 7-1-58, Cl. 74-527.
- Cornelius, Richard T. Motor driven grinders. 2,836,937, 6-3-58, Cl. 51-71.
- Cornelius, Richard T. Vessel bases. 2,847,144, 8-12-58, Cl. 220-69.
- Cornelius, Richard T. Piston construction. 2,847,261, 8-12-58, Cl. 309-20.
- Cornelius, Richard T. Bearing construction. 2,852,320, 9-16-58, Cl. 308-174.
- Cornelius, Richard T. Cooling system for hydraulic pumps. 2,858,771, 11-4-58, Cl. 103-162.
- Cornell Aeronautical Laboratory, Inc.: *See*—
- Hertzberg, Abraham, Glick, and Squire. 2,832,665.
- Hertzberg, Abraham, Glick, and Squire. 2,832,666.
- Cornell, Claude C. Container bail with brush holder. 2,842,287, 7-8-58, Cl. 220-95.
- Cornell-Dubillier Electric Corp.: *See*—
- Chadowski, Joseph P., and Turk. 2,850,305.
- Chadowski, Joseph P., and Turk. 2,861,235.
- De Lisse, Anthony A. 2,833,898.
- Frekko, Eugene F. 2,825,855.
- Frekko, Eugene F. 2,859,161.
- Swinehart, Frank, and Ehbar. 2,827,628.
- Williamson, Clifford N. 2,864,979.
- Cornell, Elliott C., Jr., to The Auto Arc-Weld Mfg. Co. Lubricant feeder for welding apparatus. 2,819,384, 1-7-58, Cl. 219-130.
- Cornell, Kenneth. Waterproof casing with means establishing movable communication between enclosed apparatus and external parts. 2,842,971, 7-15-58, Cl. 74-18.2.
- Cornell Paperboard Products Co.: *See*—
- Dodd, Geoffrey J. 2,854,182.
- Cornell Research Foundation, Inc.: *See*—
- Darrah, Lawrence B. 2,858,224.
- Cornell, Warren A., J. H. McGuigan, and O. J. Murphy, to Bell Telephone Laboratories, Inc. Magnetic data storage system. 2,845,610, 7-29-58, Cl. 340-174.
- Cornell, William D. Method and apparatus for cutting print. 2,838,113, 6-10-58, Cl. 164-49.
- Cornely, Richard W., to E. I. du Pont de Nemours and Co. Stabilization of liquid sulfur trioxide and oleums. 2,822,244, 2-4-58, Cl. 23-174.
- Cornier, Eugene S., and C. S. Lynch, to Esso Research and Engineering Co. Olefin polymerization catalyst and process. 2,824,149, 2-18-58, Cl. 260-683.15.
- Cornett, Walter V. Impact type concrete breaking machine. 2,845,258, 7-29-58, Cl. 262-15.
- Cornfield, Leslie S. Candy coated tongue depressor. 2,857,908, 10-28-58, Cl. 128-15.
- Cornforth, Jack W.: *See*—
- Buteux, Richard H. B., and Cornforth. 2,863,172.
- Cornillaud, Jack T., to General Motors Corp. Brake adjusting device. 2,820,531, 1-21-58, Cl. 188-79.5.
- Corning Glass Works: *See*—
- Armistead, William H. 2,856,303.
- Callard, Robert L. 2,859,948.
- Davis, James K. 2,857,294.
- Dickey, Clyde W. 2,859,610.
- Evans, James W. 2,856,737.
- Landron, Rafael, Jr. 2,852,352.
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- Nitsche, Joseph E. 2,825,185.
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- Schlottzauer, Leon R., and Wood. 2,842,447.
- Smith, Wendell O. 2,861,351.
- Spremluli, Paul F. 2,831,664.
- Cornish, Albert H.: *See*—
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- Cornish, Albert J., to Westinghouse Electric Corp. Preparation of magnetic materials and magnetic members. 2,865,085, 12-23-58, Cl. 29-155.6.
- Cornish, Handley M., Jr.: *See*—
- Bouras, Marian E., Goeppinger, Hardison, and Cornish. 2,850,608.
- Cornman, Ivor. Hand controlled rigid animal leash. 2,833,249, 5-6-58, Cl. 119-109.
- Cornu, Ami, to Cornu & Co. Wrist band for wrist watch. 2,827,213, 3-18-58, Cl. 224-4.
- Cornu & Co.: *See*—
- Cornu, Ami. 2,827,213.
- Cornwall, Alfred H.: *See*—
- Willatts, William H., and Cornwall. 2,829,403.
- Cornwell, Alexander M., Jr., S. F. Jackes, and S. Strano, to Jackes-Evans Mfg. Co. Gate latch. 2,838,334, 6-10-58, Cl. 292-299.
- Cornwell, Carlyle S. Building structures. 2,822,583, 2-11-58, Cl. 20-1.6.
- Cornwell, Ralph T. K., to American Viscose Corp. Film-forming composition with a terephthalamide ester plasticizer and an article coated therewith. 2,824,016, 2-18-58, Cl. 106-180.
- Cornwell, Ralph T. K., to American Viscose Corp. Film-forming composition with a terephthalamide ester plasticizer. 2,824,017, 2-18-58, Cl. 106-180.
- Cornwell, Ralph T. K., to American Viscose Corp. Film-forming composition with a terephthalamide ester plasticizer. 2,824,018, 2-18-58, Cl. 106-180.
- Cornwell, Ralph T. K., to American Viscose Corp. Resinous film-forming composition and regenerated cellulose film coated therewith. 2,864,783, 12-16-58, Cl. 260-28.5.
- Cornwell, Richard E.: *See*—
- Mayers, Edward M., Crawley, and Cornwell. 2,844,860.

- Coro Inc.: See—
 Bangs, Ralph C. 2,842,825.
 Bangs, Ralph C., and Donle. 2,863,306.
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- Corpa, Inc.: See—
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- Corr, William J.: See—
 Meister, Edward F., and Corr. 2,821,151.
- Corradi, Mario. Fish hook assembly. 2,833,076, 5-6-58, Cl. 43-36.
- Corrado, Victor M.: See—
 Robbins, Daniel H., and Corrado. 2,848,049.
- Correale, James V., Jr.: See—
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- Correia, Manuel P. Mobile harvesting and packing apparatus. 2,833,100, 5-6-58, Cl. 53-391.
- Correll, Weldon R. Water skier launcher and retrieving apparatus. 2,821,726, 2-4-58, Cl. 9-21.
- Corren, Sidney A. Sheet electrolyte for batteries. 2,853,537, 9-23-58, Cl. 136-145.
- Corriero, William P. Surgical retractor. 2,822,802, 2-11-58, Cl. 128-20.
- Corrigan, J. C., Co., Inc.: See—
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- Corrigan, Joseph, to J. C. Corrigan Co., Inc. Condensation-resistant car construction. 2,853,960, 9-30-58, Cl. 105-423.
- Corrigan, Joseph, to Joseph C. Corrigan Co., Inc. Apparatus for handling sugar. 2,856,083, 10-14-58, Cl. 214-17.
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- Corry-Jamestown Mfg. Corp.: See—
 Hutzelman, Howard E. 2,829,020.
 Hutzelman, Howard E. 2,829,505.
 Hutzelman, Howard E. 2,832,660.
 Hutzelman, Howard E. 2,855,263.
 Hutzelman, Howard E. 2,860,025.
 Hutzelman, Howard E. 2,862,504.
- Corsette, William T., to The Youngstown Sheet and Tube Co. Swivel pipe fitting with bearing retainer. 2,833,568, 5-6-58, Cl. 285-281.
- Corsi, George L., to Federal-Mogul-Bower Bearings, Inc. Metal reinforced rotary shaft seal. 2,837,359, 6-3-58, Cl. 288-9.
- Corsi, Giannino, to Bombrini Parodi-Delfino. Sensitive fuses. 2,838,999, 6-17-58, Cl. 102-72.
- Corsini, Neo: See—
 Richter, John E., and Corsini. 2,821,794.
- Corso, Calogero T. Regulating carburetor. 2,827,273, 3-18-58, Cl. 261-56.
- Corso, Leonard. Fluoroscopic device. 2,857,523, 10-21-58, Cl. 250-77.
- Corson, Ben B., W. J. Heintzelman, and R. C. Odioso, to Koppers Co., Inc. Separation of dialkylaromatic hydrocarbon isomers. 2,840,621, 6-24-58, Cl. 260-674.
- Corson Brothers, Inc.: See—
 Presler, James L. 2,859,577.
- Corson, G. and W. H., Inc.: See—
 Bauer, William H. 2,833,659.
 Minnick, Leonard J., and Presgrave. 2,863,933.
- Corson, Murray: See—
 Mayer, Robert, and Corson. 2,844,272.
- Corson, Paul E. Walking tractor. 2,822,878, 2-11-58, Cl. 180-8.
- Cortese, Sam W., to United States Steel Corp. Car stop. 2,821,939, 2-4-58, Cl. 104-257.
- Cortez, John. Bleach-streaking of hair. 2,857,917, 10-28-58, Cl. 132-9.
- Cortez, Jose C. Concentrated extracts of tea. 2,852,388, 9-16-58, Cl. 99-77.
- Corrina, Joseph. Cushioned sole and heel for shoes. 2,863,230, 12-9-58, Cl. 36-29.
- Cortiss, Warren W.: See—
 Cook, George R., Cortiss, and Manteuffel. 2,846,393.
- Cortland Industries, Inc.: See—
 Seever, John B. 2,825,051.
- Cortner, Hans J. Dispensing device for granular and powdered material. 2,827,083, 3-18-58, Cl. 141-372.
- Corvey Engineering Co.: See—
 Varela, Arthur A. 2,843,809.
- Corvino, Ralph, C. W. Pedersen, and W. R. Stone, to Varl-Typer Corp. Typewriter heater. 2,827,144, 3-18-58, Cl. 197-6.5.
- Corwin, Alfred W., to Controls Co. of America. Electric fan blade guard. 2,829,819, 4-8-58, Cl. 230-275.
- Corwin, Merton D., to The Baldwin Piano Co. Key and keyboard construction. 2,844,065, 7-22-58, Cl. 84-423.
- Cory Corp.: See—
 Karlen, Harvey R. 2,819,376.
 Karlen, Harvey R. 2,863,650.
 Seibert, Ernest H., and Cada. 2,837,801.
 Seibert, Ernest H., and Cada. 2,838,026.
- Corvill, William C. Automobile cylinder head hoist. 2,859,881, 11-11-58, Cl. 212-64.
- Coscia, Salvatore G., to United States of America, Army. Process of dyeing wool with vat dyes. 2,857,235, 10-21-58, Cl. 8-36.
- Cosentino, Anthony, to Ful-Nue-Pak Co. Disposable carton. 2,850,153, 9-2-58, Cl. 206-45.33.
- Cosentino, Joseph M. Shock absorbing system for vehicles. 2,847,229, 8-12-58, Cl. 280-104.
- Coskun, Mehmet K.: See—
 Cusey, William J., III, and Coskun. 2,827,986.
- Coskun, Mehmet K., to American Steel Foundries. Slack adjuster. 2,820,532, 1-21-58, Cl. 188-196.
- Coslow, Carl W. Flexible joint for an air drop hammer. 2,854,264, 9-30-58, Cl. 287-85.
- Coslow, Carl W., and B. Pepperdine, deceased (by D. Pepperdine, administratrix), and C. A. Radcliffe, to The Plomb Tool Co. Compound leverage toggle locking pliers. 2,842,996, 7-15-58, Cl. 81-378.
- Cosmetto, Aristodeme J. Blending machine and method. 2,811,370, 7-1-58, Cl. 259-89.
- Cosmocord Ltd.: See—
 Kelly, Stanley. 2,862,068.
- Cosmocord Plastics Ltd.: See—
 Sturm, Robert H. 2,825,709.
- Cosmos, William J. Contact wheel with grooves and slits. 2,820,333, 1-21-58, Cl. 51-141.
- Cosper, Dale L., to Versal, Inc. Pedal control mechanism for electric powered vehicles. 2,839,168, 6-17-58, Cl. 192-2.
- Cosslett, Vernon E. Fine focus X-ray tubes. 2,866,113, 12-23-58, Cl. 313-57.
- Cossor, A. C., Ltd.: See—
 Evans, John H. 2,860,245.
 Levell, Derek A., and Harris. 2,824,301.
- Cost, Ronald R., to United States of America, Atomic Energy Commission. High temperature brazing alloy for joining Fe, Cr, Al materials and austenitic and ferritic stainless steels. 2,843,478, 7-15-58, Cl. 75-124.
- Costa, John E., E. W. Le Bouef, and L. E. Lefevre, to The Dow Chemical Co. Fibrous article and method of preparing the same from polymeric films. 2,853,741, 9-30-58, Cl. 18-47.5.
- Costain, Winston, N. Fletcher, and B. J. Habgood, to Imperial Chemical Industries Ltd. Trimesic acid modified polyamide. 2,863,857, 12-9-58, Cl. 260-78.
- Costakos, Theodore M. Cream dispenser. 2,858,052, 10-28-58, Cl. 222-185.
- Costanza, Frank. Shoulder and armhole construction for garments and method of making the same. 2,866,203, 12-30-58, Cl. 2-93.
- Costanzo, Raphael J. Cigar lighters. 2,844,698, 7-22-58, Cl. 219-32.
- Costarella, Frank, to Ernest Chandler, Inc. Portable wading pool. 2,846,693, 8-12-58, Cl. 4-172.
- Costello, Edward J., to American Viscose Corp. Process for producing cellulose triesters. 2,848,343, 8-19-58, Cl. 106-196.
- Costello, John P.: See—
 Buckwalter, Geoffrey R., and Costello. 2,820,710.
- Costello, James R., Jr., and T. P. Traise, to Victor Chemical Works. Method of flameproofing fibers and composition used therein. 2,841,507, 7-1-58, Cl. 117-136.
- Costello, Robert B., to The M. W. Kellogg Co. Gamma-ray projectors. 2,843,754, 7-15-58, Cl. 250-106.
- Costello, William M. Combination flashlight and circuit tester. 2,846,644, 8-5-58, Cl. 324-53.
- Cota, John A., to Ford Motor Co. Power steering mechanism with hydraulic cylinder stabilizing means. 2,847,079, 8-12-58, Cl. 180-79.2.
- Cotchett, Louis M., to Textile Engineering Corp. Bearing caps or covers. 2,857,628, 10-28-58, Cl. 19-134.
- Cotchett, Louis M., and R. K. Butler, to Textile Engineering Corp. Top roll guides. 2,865,057, 12-23-58, Cl. 19-137.
- Cote, Omer E., to United States Automatic Box Machinery Co., Inc. Oscillating feeder mechanism for box blanks. 2,819,898, 1-14-58, Cl. 271-41.
- Cote, Omer E., and J. Fradenburgh, to United States Automatic Box Machinery Co., Inc. Method of and machine for filling bottles with capsules. 2,845,759, 8-5-58, Cl. 53-61.
- Cote, Omer E., to United States Automatic Box Machinery Co. Blank feeder for a box making machine. 2,866,641, 12-30-58, Cl. 271-44.
- Cote, Roland: See—
 Picard, Victorin, and Cote. 2,818,964.
- Cotes, Norman: See—
 Gilbert, Charles E. 2,865,092.
- Cotesworth, Harry A.: See—
 Anjeskey, Alphonse F., and Cotesworth. 2,835,752.
- Cotler, Jules. Hand puppets. 2,840,950, 7-1-58, Cl. 46-175.
- Cotner, John C., to Koehring Co. Fluid pump with fluid returned pistons. 2,859,702, 11-11-58, Cl. 103-162.
- Cotsworth, Albert, III, to Zenith Radio Corp. Color television receiver. 2,851,518, 9-9-58, Cl. 178-5.4.
- Cottar, Robert. Ceiling panel hoist. 2,830,854, 4-15-58, Cl. 304-29.
- Cotter, Bart, to General Motors Corp. Automobile body pillar and door construction. 2,860,911, 11-18-58, Cl. 296-28.
- Cotter, George H., to Westinghouse Electric Corp. Welding gun. 2,836,705, 5-27-58, Cl. 219-130.

- Cotter, George L., to Westinghouse Air Brake Co. Fluid pressure brake apparatus with means for preventing premature cut-off of quick service activity. 2,821,440, 1-28-58, Cl. 303-46.
- Cotter, George L., to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,829,011, 4-1-58, Cl. 303-64.
- Cotter, George L., to Westinghouse Air Brake Co. Electro-pneumatic brake apparatus. 2,841,447, 7-1-58, Cl. 303-15.
- Cotter, George L., to Westinghouse Air Brake Co. Electro-pneumatic brake apparatus. 2,841,450, 7-1-58, Cl. 303-70.
- Cotter, George L., to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,858,169, 10-28-58, Cl. 303-36.
- Cotterman, Frank D., to Crane Co. Gun barrel liner. 2,849,923, 9-2-58, Cl. 89-16.
- Cottier, Louis: *See*—
Stern, Charles, and Cottier. 2,852,908.
- Cottle, Delmer L.: *See*—
Young, David W., and Cottle. 2,824,838.
Young, David W., and Cottle. 2,842,455.
Young, David W., Cottle, and Slotterbeck. 2,852,540.
- Cottle, Delmer L., to Esso Research and Engineering Co. Preparation of alkyl aluminum dihalides. 2,848,472, 8-19-58, Cl. 260-448.
- Cottle, Delmer L., and D. W. Young, to Esso Research and Engineering Co. Preparation of white acyl-para-amino-phenols. 2,822,370, 2-4-58, Cl. 260-104.
- Cottle, Delmer L., and S. B. Mirviss, to Esso Research and Engineering Co. Organo-aluminum compounds. 2,838,556, 6-10-58, Cl. 260-448.
- Cottle, Delmer L., and D. W. Young, to Esso Research and Engineering Co. New synthetic lubricants. 2,842,499, 7-8-58, Cl. 252-52.
- Cottle, Delmer L., A. J. Morway, and D. W. Young, to Esso Research and Engineering Co. High molecular weight branched-chain ethers of lubricating grade. 2,844,534, 7-22-58, Cl. 252-32.
- Cottle, Helen G. Perfume whiffer. 2,830,845, 4-15-58, Cl. 299-24.
- Cottle, John E.: *See*—
Pennington, Edward N., and Cottle. 2,845,409.
- Cottle, John E., to Phillips Petroleum Co. Solvent recovery process. 2,858,902, 11-4-58, Cl. 183-114.2.
- Cotton, Alfred: *See*—
Holt, Frederick B., Newlands, and Cotton. 2,847,630.
- Cotton, Norman L. Automatic feeding device. 2,854,234, 9-30-58, Cl. 271-2.4.
- Cotton, Richard A.: *See*—
Weinmann, Ritchard C., and Cotton. 2,849,319.
Weinmann, Ritchard C., and Cotton. 2,849,320.
- Cotton, Robert B., to All American Engineering Co. Aircraft bridle arrester. 2,838,259, 6-10-58, Cl. 244-110.
- Cotton, Robert B., to All American Engineering Co. Aircraft barrier. 2,854,201, 9-30-58, Cl. 244-110.
- Cotton, Robert H.: *See*—
Borel, Eric A., and Cotton. 2,861,061.
Borel, Eric A., and Cotton. 2,861,062.
- Cotton, W. L., Inc.: *See*—
Cotton, Willis L. 2,859,834.
- Cotton, William J., to Keiding Paper Products Co. Article of manufacture for planting in pulp containers. 2,858,647, 11-4-58, Cl. 47-37.
- Cotton, William, Ltd.: *See*—
McCarthy, Patrick G., and Winfield. 2,839,908.
McCarthy, Patrick G., and Winfield. 2,841,001.
Start, Ernest, and McCarthy. 2,849,873.
- Cotton, Willis L., to W. L. Cotton, Inc. Apparatus for handling and storing pipe. 2,859,834, 11-11-58, Cl. 187-26.
- Cottrell, C. B., & Sons Co.: *See*—
Luehrs, Hans J. 2,836,116.
- Cottrell Co., The: *See*—
Meyer, Joseph E. 2,834,290.
Ziebell, Theodore R. 2,859,693.
- Cottrell, Jack A., and D. H. Hewitt, deceased (E. Booth and R. H. Buckle, executors), to The Sherwin-Williams Co. Manufacture of interpolymers of styrene with drying oil fatty acids and derivatives of such interpolymers. 2,833,733, 5-6-58, Cl. 260-23.
- Cottrell, Robert B.: *See*—
Heater, Charles L., and Cottrell. 2,833,227.
- Cotts, Louis C., and H. G. Brenner. Heating system and heat diffuser therefor. 2,839,659, 6-17-58, Cl. 219-39.
- Coty, Inc.: *See*—
Bradford, Philip. 2,866,467.
Croce, Santy M., and Solomon. 2,818,973.
Croce, Santy M., and Solomon. 2,855,632.
Heinrich, Herbert, and Reibel. 2,849,009.
Roos, Jacob F., and Smith. 2,849,170.
Solomon, John W. 2,820,564.
- Couch, Robert D., and M. Yezek, to General Foods Corp. Packaging material. 2,828,240, 3-25-58, Cl. 154-138.
- Couch, S. H. Co., Inc.: *See*—
Smiley, Gilbert. 2,866,870.
- Couchot, Orville F. Feed control for mulch spreader. 2,858,080, 10-28-58, Cl. 241-138.
- Coudriet, Edward A., to The Inta-Roto Machine Co., Inc. Roll temperature control system. 2,837,833, 6-10-58, Cl. 34-124.
- Couillard, Louis, to Societe Francaise Radio-Electrique. Electronic regulator for follow-up servo-systems. 2,830,181, 4-8-58, Cl. 250-36.
- Coulombe, John H., J. Ambrozaitis, and E. K. Buckingham, to Consolidated Electronics Industries Corp. Time delay relay. 2,826,650, 3-11-58, Cl. 200-38.
- Coulson, Arthur D., to North American Philips Co., Inc. Radiation indicator and electrical switching device for use therein. 2,866,099, 12-23-58, Cl. 250-83.3.
- Coulson, Gordon R. Process for separating oil from bituminous sands, shales, etc. 2,825,677, 3-4-58, Cl. 196-14.
- Coulson, Robert A.: *See*—
Eaton, John, and Coulson. 2,827,150.
- Coulston, Frederick, and E. W. Dennis, to Sterling Drug Inc. Prevention and suppression of coccidiosis in poultry with 2,2'-thiobis (2,4-dichlorophenol). 2,844,509, 7-22-58, Cl. 167-53.1.
- Coults, Wilbur J., to Deere & Co. Hay conditioner roll mounting and adjustment mechanism. 2,843,990, 7-22-58, Cl. 36-1.
- Coulter, Albert W., Jr.: *See*—
Allen, Thomas O., and Coulter. 2,837,164.
- Coulter, Clyde. Bearing cleaning apparatus. 2,823,682, 2-18-58, Cl. 134-94.
- Coulter, Earl E., W. H. Rowand, and T. S. Sprague, to The Babcock & Wilcox Co. Evaporator cooler and method effected thereby. 2,840,182, 6-24-58, Cl. 183-26.
- Coulter, Harry M. Nursing bottle holder. 2,830,781, 4-15-58, Cl. 248-103.
- Coulter & McKenzie Machine Co., Inc.: *See*—
Zaveruha, Victor A. 2,844,416.
- Council of Scientific and Industrial Research: *See*—
Ramamurthy, Subramanya. 2,819,946.
- Counts, William E., R. W. Smith, and K. Schwartzwalder, to General Motors Corp. Semi-conductor composition. 2,864,773, 12-16-58, Cl. 252-503.
- Counts, William E., R. W. Smith, and K. Schwartzwalder, to General Motors Corp. Resistor and spark plug embodying same. 2,864,884, 12-16-58, Cl. 174-152.
- Coupe, Fred L., to Owens-Illinois Glass Co. Vacuum chuck for glass articles. 2,832,602, 4-29-58, Cl. 279-3.
- Coupe, Noel P., to Blackburn and General Aircraft Ltd. Igniters for gas turbine engines, combustion heaters, thermal de-icing plants and the like. 2,865,441, 12-23-58, Cl. 158-28.
- Couper, Samuel. Flexible chain. 2,831,360, 4-22-58, Cl. 74-245.
- Coupette, Werner, and A. Sickbert, to Bochumer Verein Für Gussstahlfabrikation Akt. Desulfurizing of steel. 2,848,317, 8-19-58, Cl. 75-49.
- Couraud, Raymond A., to P. D. Wurzbarger. Seal. 2,832,223, 4-29-58, Cl. 74-18.2.
- Courson, Charlie B.: *See*—
Harrell, Billy E., and Courson. 2,832,188.
- Courson, Iber C., to Philco Corp. Cabinet construction. 2,859,715, 11-11-58, Cl. 109-63.5.
- Court, Patrick R. J., to Sylvania Electric Products, Inc. Synchronization system. 2,849,612, 8-26-58, Cl. 250-36.
- Courtaulds, Limited: *See*—
Edwards, John H., and Tallis. 2,847,272.
Girbow, Arthur H. 2,844,332.
Hayward, George E., and Luggar. 2,822,582.
Weigham, William R. 2,849,445.
- Courtenay, Chares R. Constant feed plant watering apparatus. 2,837,867, 6-10-58, Cl. 47-38.
- Courter, Donald H.: *See*—
Duncan, Lyle L., and Courter. 2,854,993.
- Courter, Leo A.: *See*—
Cecil, Clyde J., Courter, and Olson. 2,819,673.
- Courtin, John J., and C. W. Irwin, to Westinghouse Electric Corp. Submersible dynamoelectric machine. 2,862,122, 11-25-58, Cl. 310-87.
- Courtney, Horace L.: *See*—
Moller, Bynum W., and Courtney. 2,855,943.
- Courtney John F. Amusement ride apparatus. 2,847,216, 8-12-58, Cl. 272-36.
- Courtright, John L.: *See*—
Todd, Francis C., and Courtright. 2,840,807.
- Conrville, Lester: *See*—
Carroll, Martin B., and Courville. 2,859,941.
- Couse, Kibbey W. Convertible ladder. 2,834,528, 5-13-58, Cl. 228-25.
- Couse, Kibbey W., and R. M. Sutphen, to Couse Mfg., Inc. Building construction passageway. 2,841,832, 7-8-58, Cl. 20-2.
- Couse, Kibbey W., and R. D. Keehn, to Couse Mfg., Inc. Building construction. 2,844,848, 7-29-58, Cl. 20-2.
- Couse, Kibbey W., and R. M. Sutphen, to Couse Mfg., Inc. Octagonal-shaped structure. 2,849,755, 9-2-58, Cl. 20-2.
- Couse, Kibbey W., and R. M. Sutphen, to Couse Mfg., Inc. Structural building element. 2,866,235, 12-30-58, Cl. 20-15.
- Couse Mfg., Inc.: *See*—
Couse, Kibbey W., and Keehn. 2,844,848.
Couse, Kibbey W., and Sutphen. 2,841,832.
Couse, Kibbey W., and Sutphen. 2,849,755.
Couse, Kibbey W., and Sutphen. 2,866,235.
- Cousino, Walter F. Perforating machine. 2,857,968, 10-28-58, Cl. 164-89.
- Cousins, Edward, to The Goodyear Tire & Rubber Co. Method of adhering butyl rubber to fabric. 2,835,624, 5-20-58, Cl. 154-136.

- Cousins, Edwin R., S. Rhodhiprasart, and R. Prachankadee, to United States of America, Agriculture. Alkali refining rice oil in the presence of an oil group-containing additive. 2,844,613, 7-22-58, Cl. 260-425.
- Cousins, William R. Valves. 2,842,335, 7-8-58, Cl. 251-261.
- Coussement, Fernand. Catalytic conversion of secondary alcohols to ketones. 2,829,165, 4-1-58, Cl. 260-586.
- Costillac, Regis H. Steering brake for a four wheeled trailing vehicle. 2,838,323, 6-10-58, Cl. 280-116.
- Coutant, André C., and J. P. Mathot. Flywheel for recording and reproducing invisible images on a magnetic surface. 2,829,207, 4-1-58, Cl. 179-100.2.
- Coutts, Peter H., to The Hoover Co. Suction cleaner coupling with spring biased catch. 2,832,612, 4-29-58, Cl. 285-7.
- Conveld, Johan H., and H. J. De Jong, to North American Philips Co., Inc. Spring arrangement. 2,861,147, 11-18-58, Cl. 200-104.
- Cove Automatic Machine Co. Inc.: See—
Ordway, James F. 2,851,896.
- Covely, Frank D.: See—
Baker, Richard E., and Covely. 2,855,589.
- Coven, Murray, and F. T. Wiehl. Stroller. 2,840,383, 6-24-58, Cl. 280-41.
- Coventry Radiator & Presswork Co. Ltd.: See—
Jackson, Leonard H. 2,838,265.
- Cover, Raymond P. Auxiliary spring for wheel mounting. 2,839,293, 6-17-58, Cl. 267-15.
- Coverley, Harold E., to General Motors Corp. Air cleaners. 2,857,016, 10-21-58, Cl. 183-43.
- Covert, John N.: See—
Attwood, John G., Smith, and Covert. 2,863,412.
- Covert, John N., to Union Special Machine Co. Sewing machines. 2,851,976, 9-16-58, Cl. 112-210.
- Covert, Robert J., to Bowes "Seal Fast" Corp. Tubeless tire patch. 2,838,087, 6-10-58, Cl. 152-367.
- Covi, John B. Trailer hitch. 2,859,982, 11-11-58, Cl. 280-502.
- Coviello, Anthony R. Agricultural implement and support vehicle therefor. 2,824,505, 2-25-58, Cl. 97-32.
- Covington, James M., to Union Oil Co. of California. Well heater. 2,836,245, 5-27-58, Cl. 166-61.
- Covington, Luther J. Method of stringing tobacco. 2,843,279, 7-15-58, Cl. 214-152.
- Covington, Robert A., Jr., and V. H. Waldin, to E. I. du Pont de Nemours and Co. Circular extrusion die. 2,824,337, 2-25-58, Cl. 18-14.
- Covitt, Jack G., to International Harvester Co. Core locating device and method of assembling cores. 2,841,838, 7-8-58, Cl. 22-31.
- Covone, Galileo W., 1/2 to D. R. Macdonald. Internal combustion engine. 2,851,021, 9-9-58, Cl. 123-65.
- Cowan, Eugene W., to the United States of America as represented by the Secretary of the Navy. Cathode ray tube presentation. 2,830,287, 4-8-58, Cl. 343-11.
- Cowan, Frederick, to Combustion Engineering, Inc. Gas igniter torch. 2,818,916, 1-7-58, Cl. 158-115.
- Cowan, Frederick J., A. Lacerenza, and H. C. Mittendorf, to Combustion Engineering, Inc. Vapor power plant with novel auxiliary flame igniter. 2,829,277, 4-1-58, Cl. 290-2.
- Cowan, John V., to Sperry Products, Inc. Induction welding. 2,862,092, 11-25-58, Cl. 219-9.5.
- Cowan, Rael. Diamond-shaped playing pieces. 2,824,740, 2-25-58, Cl. 273-137.
- Cowan, Samuel, to Samuel Cowan & Sons. Hand bag with removable suit support. 2,856,110, 10-14-58, Cl. 223-89.
- Cowan, Samuel, & Sons: See—
Cowan, Samuel. 2,856,110.
- Coward, Maynard C. Brake system. 2,818,943, 1-7-58, Cl. 188-106.
- Coward, Richard W. Multiple tube centrifugal dust collector. 2,862,571, 12-2-58, Cl. 183-34.
- Cowart, Brooks E.: See—
Ball, Lloyd D., Cowart, and Crane. 2,832,537.
- Cowart, Brooks E., L. D. Ball, and J. I. Daspit, to Gilfillan Bros. Inc. Highly discriminative filter and bias-level gating circuit. 2,848,713, 8-19-58, Cl. 343-8.
- Cowart, Burleigh. Floral design rack. 2,843,972, 7-22-58, Cl. 47-41.
- Cowden, Herbert B.: See—
Chan, Robert E., Cowden, and Kendall. 2,865,745.
- Yutzy, Henry C., and Cowden. 2,843,485.
- Cowden, Herbert B., and A. W. Wise, to Eastman Kodak Co. Photographic reproduction process. 2,835,573, 5-20-58, Cl. 96-28.
- Cowdery, Joseph K., to Westinghouse Electric Corp. Laundry apparatus. 2,865,187, 12-23-58, Cl. 68-12.
- Cowdery, Robert E., and N. R. Brown, to United States of America, Navy. Anti-collision computer tester. 2,860,334, 11-11-58, Cl. 343-17.7.
- Cowell, Nancy. Vertical bed. 2,850,745, 9-9-58, Cl. 5-327.
- Cowen, Frank M.: See—
Carnes, Joseph J., and Cowen. 2,819,296.
- Cowen, Lawrence: See—
Giaino, Charles V., and Cowen. 2,858,087.
- Cowhig, David A., to Wilkening Mfg. Co. Piston ring assembly and method of installing thereof. 2,826,468, 3-11-58, Cl. 309-24.
- Cowie, Franklin G., to K. C. Cowie. Canteen. 2,831,619, 4-22-58, Cl. 222-484.
- Cowie, James C. Foot target thrower. 2,834,331, 5-13-58, Cl. 124-7.
- Cowie, Kathleen C.: See—
Cowie, Franklin G. 2,831,619.
- Cowland, William G., to D. Napier & Son Ltd. Power units comprising an internal combustion engine and an exhaust driven turbo-supercharger. 2,838,907, 6-17-58, Cl. 60-13.
- Cowles Co., The: See—
Cowles, Edwin. 2,826,126.
- Cowles, Edwin, to The Cowles Co. Scraper blades for paper stock screening machines. 2,826,126, 3-11-58, Cl. 92-29.
- Cowles, Pauline M.: See—
Cowles, Raymond H. 2,837,094.
- Cowles, Raymond H., to P. M. Cowles. Colostomy units. 2,837,094, 6-3-58, Cl. 128-283.
- Cowley, William E., to American Saw & Tool Co. Drill elements. 2,846,902, 8-12-58, Cl. 76-108.
- Cowlin, Christopher J., D. R. Bettison, and M. Cox, to Power Jets (Research and Development) Ltd. Improved construction of combustion chamber of the cyclone or vortex type. 2,828,608, 4-1-58, Cl. 60-39.32.
- Cowlin, Donald G. Tumbler drier. 2,838,846, 6-17-58, Cl. 34-87.
- Cowper, George, to United States of America, Atomic Energy Commission. Pulse amplitude distribution recorder. 2,847,268, 8-19-58, Cl. 346-14.
- Cox, Arthur. Guide spacer for slide doors. 2,865,043, 12-23-58, Cl. 16-90.
- Cox, Arthur, and C. Ledda, to the United States of America as represented by the Secretary of the Air Force. Target seeker head for guided missiles. 2,823,612, 2-18-58, Cl. 102-50.
- Cox, Barry S. External thread pitch measuring device. 2,852,856, 9-23-58, Cl. 33-199.
- Cox, Bonnar, and J. Goldberg, to General Electric Co. Tape-spacing system. 2,863,137, 12-2-58, Cl. 340-174.
- Cox, David C., to Mandrel Industries, Inc. Article catcher for sorting machine. 2,825,456, 3-4-58, Cl. 209-73.
- Cox, David C., to Mandrel Industries, Inc. Compensator, regulator, and two point compensator-regulator for photoelectric amplifier and sorting system. 2,833,937, 5-6-58, Cl. 250-214.
- Cox, Douglas L., to Texas Instruments Inc. Etching of semiconductor materials. 2,827,367, 3-18-58, Cl. 41-42.
- Cox, Frederick J., to British Telecommunications Research Ltd. Impedance matching. 2,847,670, 8-12-58, Cl. 343-821.
- Cox, George W., to Northrop Aircraft, Inc. Hydraulic or pneumatic bi-directional impulse motor. 2,837,896, 6-10-58, Cl. 60-97.
- Cox, Gilbert R.: See—
O'Neill, John J., Jr., and Cox. 2,830,886.
- Cox, Glenn L.: See—
Knöchel, William J., and Cox. 2,853,639.
- Cox, Henry C. Clothes drying device. 2,831,268, 4-22-58, Cl. 34-81.
- Cox, Isaac E., American Brake Shoe Co. Tuyers provided with coolant passages. 2,827,279, 3-18-58, Cl. 266-41.
- Cox, Isaac E., to American Brake Shoe Co. Axle bearings. 2,827,343, 3-18-58, Cl. 308-132.
- Cox, Isaac E., to American Brake Shoe Co. Injectors for furnaces. 2,863,656, 12-9-58, Cl. 266-41.
- Cox, Jack R. Humane hunting arrow. 2,848,834, 8-26-58, Cl. 43-1.
- Cox, Jacob. Fishhook for attaching live bait. 2,836,922, 6-3-58, Cl. 43-44.2.
- Cox, John R. Pusher having movable pads. 2,836,425, 5-27-58, Cl. 279-55.
- Cox, Joseph B. Angle setting and measuring instrument. 2,837,826, 6-10-58, Cl. 33-75.
- Cox, Joseph B. Angle adjusting means. 2,851,779, 9-16-58, Cl. 33-79.
- Cox, Joseph B., to Omark Industries, Inc. Saw chain with removable cutter teeth. 2,852,048, 9-16-58, Cl. 143-135.
- Cox, Joseph R., and M. Korach, to Columbia-Southern Chemical Corp. Hydrogen peroxide decolorization. 2,855,282, 10-7-58, Cl. 23-293.
- Cox, Le Roy E. Bore hole sampler. 2,825,533, 3-4-58, Cl. 255-1.4.
- Cox, Martin: See—
Cowlin, Christopher J., Bettison, and Cox. 2,828,608.
- Cox, Marvin E., to Simoniz Co. Polishing composition. 2,849,324, 8-26-58, Cl. 106-10.
- Cox, Norman B., to The Bingham-Herbrand Corp. Foot brake lever release mechanism. 2,835,140, 5-20-58, Cl. 74-542.
- Cox, Norman L., to E. I. du Pont de Nemours and Co. Regenerated cellulose structures and process for producing them. 2,860,480, 11-18-58, Cl. 57-140.
- Cox, Norman L., and W. D. Nicoll, to E. I. du Pont de Nemours & Co. Viscose spinning process. 2,852,333, 9-16-58, Cl. 18-54.
- Cox, Raymond J., to United States of America, Atomic Energy Commission. Circuits for current measurements. 2,859,353, 11-4-58, Cl. 250-83.1.
- Cox, Robert E.: See—
Silver, Walter H., Cox, and Trapkus. 2,860,564.

- Cox, Robert M.: *See*—
Gerwitz, Harvey F., Cox, Hosterman, and Hollingsworth. 2,853,976.
- Cox, Thomas K., to Western Electric Co., Inc. Apparatus for extruding and cooling plastics. 2,832,993, 5-6-58, Cl. 18-6.
- Cox, William F.: *See*—
Nemet, Anthony A., Cox, and Bennett. 2,864,004.
- Cox, William H.: *See*—
Blake Norman B., and Cox. 2,835,444.
- Cox, William L., to Universal Oil Products Co. Preparation of oxalic acid salts of phenylene diamines. 2,857,424, 10-21-58, Cl. 260-501.
- Cox, William R., Jr., and R. J. Howe, to Shell Development Co. Offshore oil well installation. 2,854,215, 9-30-58, Cl. 255-2.5.
- Cox, Willis T. Method and apparatus for mixing and metering an unstable suspension of a solid in a liquid. 2,835,481, 5-20-58, Cl. 259-1.
- Coy, Carl E., to the United States of America as represented by the Secretary of the Navy. Transistor holders. 2,820,929, 1-21-58, Cl. 317-234.
- Coy, Carl E., and B. D. Tague, to the United States of America as represented by the Secretary of the Navy. Transistor holders. 2,820,930, 1-21-58, Cl. 317-234.
- Coy, Delbert D. Machine fixture. 2,819,654, 1-14-58, Cl. 90-59.
- Coyle, Edward B., to Fels & Co. Soap manufacture. 2,823,187, 2-11-58, Cl. 252-370.
- Coyle, William E. Well casing scraping and polishing tool. 2,838,121, 6-10-58, Cl. 166-173.
- Coyneo Products, Inc.: *See*—
McElroy, Arthur H. 2,865,424.
- Coyne, André, and J. Bellier. Reinforced and stabilized dam structure. 2,863,292, 12-9-58, Cl. 61-33.
- Coyne Chemical Co.: *See*—
Hampton, Robert S., and Connolly. 2,850,881.
- Coyne, William R., to The Pillsbury Co. Insert feeding apparatus. 2,865,154, 12-23-58, Cl. 53-59.
- Coyne, William R. Method and apparatus for making moisture content determinations. 2,866,690, 12-30-58, Cl. 23-253.
- Cozzens, Larnce P., to San Angelo Die Casting & Mfg. Co. Pipe handling tool. 2,819,111, 1-7-58, Cl. 294-26.
- Cozzoli, Frank J. Automatic filling machine for ampuls or other small containers. 2,827,997, 3-25-58, Cl. 198-30.
- Crabbe, John D.: *See*—
Warren, Fredrick W., and Crabbe. 2,859,482.
- Crabbe, Lindsay T., to Phoenix Metal Cap Co., Inc. Safety closure for bottle. 2,864,519, 12-16-58, Cl. 215-9.
- Crabbe, René A., to Solvay & Cie. Process and apparatus for the manufacture of solutions of alkali metal hydroxides. 2,824,054, 2-18-58, Cl. 204-99.
- Crabbs, Herbert J.: *See*—
Rugg, Harold H., and Crabbs. 2,824,938.
- Crabbs, William J., to National Steel Corp. Nail extracting device. 2,856,153, 10-14-58, Cl. 254-22.
- Crabtree, David, & Son Ltd.: *See*—
Felton, William. 2,827,865.
- Crabtree, George W.: *See*—
Tack, Carl E., Bachman, and Crabtree. 2,859,838.
- Crabtree, J. A., & Co. Ltd.: *See*—
Coleman, Edward. 2,830,158.
- Coleman, Edward. 2,866,036.
- Wintle, Thomas D. G. 2,841,661.
- Crabtree, John I.: *See*—
Henn, Richard W., and Crabtree. 2,860,978.
- Crabtree, Leonard F., to General Telephone Laboratories, Inc. Secretarial answering system. 2,847,512, 8-12-58, Cl. 179-27.
- Crabtree, R. W., & Sons Ltd.: *See*—
Battay, Alfred P. 2,827,293.
- Stevenson, Derek A. 2,866,408.
- Turrall, George, and Murrell. 2,818,568.
- Cracchiolo, Ray M., to Burns Automatic Corp. Bar stock pusher. 2,832,603, 4-29-58, Cl. 279-58.
- Craddock, Charles L.: *See*—
Keeley, Kendrick V. 2,851,528.
- Craddock, Charles L., 1/2 to J. E. Metcalf. Flasher mechanism. 2,843,812, 7-15-58, Cl. 318-134.
- Craddock, Reginald V.: *See*—
Reedy, Eugene F., and Craddock. 2,823,378.
- Craddock, William D., and G. G. Cudhea, to Kaiser Metal Products, Inc. Tool adjustment. 2,823,591, 2-18-58, Cl. 90-15.
- Craft, Allison A. Shotgun shell reloading tool. 2,854,881, 10-7-58, Cl. 86-39.
- Craft Mfg. Co.: *See*—
Pearson, Robert L. 2,824,431.
- Varesse, John R., and Wagner. 2,824,432.
- Crafts, Cecil A., and F. Page, Jr., to United States of America, Navy. Motor drive system. 2,864,983, 12-16-58, Cl. 318-171.
- Crafts, Curtis S., to Miehle-Goss-Dexter, Inc. Cylinder with choke relieving means for printing press delivery mechanism. 2,842,360, 7-8-58, Cl. 270-50.
- Crafts, Dermont B. Tent. 2,865,385, 12-23-58, Cl. 135-1.
- Craft Way, Inc.: *See*—
Von Ehr, Jack C. 2,835,904.
- Craggs, Joseph, and K. McCann, to Goodman Mfg. Co. Extensible conveyor. 2,822,913, 2-11-58, Cl. 198-139.
- Craggs, Joseph, and K. McCann, to Goodman Mfg. Co. Extensible flexible frame conveyor and method of mining therewith. 2,842,257, 7-8-58, Cl. 198-139.
- Craggs, Joseph, and K. McCann, to Goodman Mfg. Co. Extensible conveyors. 2,846,050, 8-5-58, Cl. 198-139.
- Craggs, Joseph, and K. McCann, to Goodman Mfg. Co. Apparatus for handling conveyor belting for an extensible conveyor. 2,846,051, 8-5-58, Cl. 198-139.
- Craggs, Joseph, and K. McCann, to Goodman Mfg. Co. Extensible conveyor. 2,862,604, 12-2-58, Cl. 198-139.
- Craig, Alfred B., and E. L. Ringwald, to The Chemstrand Corp. Compositions of acrylonitrile polymers and ethylene oxalate and process for preparing same. 2,841,568, 7-1-58, Cl. 260-30.4.
- Craig, Andrew: *See*—
Lipscomb, Robert, Craig, Labrow, and Dunn. 2,857,745.
- Craig, Dwin R., to Logetronics, Inc. Photographic method. 2,842,025, 7-8-58, Cl. 088-024.
- Craig, Dwin R., to Logetronics, Inc. Light responsive apparatus. 2,844,738, 7-22-58, Cl. 250-214.
- Craig, Dwin R., and W. F. Hamilton, to LogEtronics, Inc. Radiographic method and apparatus. 2,837,657, 6-3-58, Cl. 250-65.
- Craig, Harold B. Chain saw servicing vice. 2,824,469, 2-25-58, Cl. 76-78.
- Craig, Lester M., and D. D. Wilson, to Esso Research and Engineering Co. Axial and radial stress relieving conduit coupling. 2,828,980, 4-1-58, Cl. 285-163.
- Craig, Louis E., to General Aniline & Film Corp. Preparation of phenylacetaldehyde from cyclooctatetraene. 2,856,431, 10-14-58, Cl. 260-509.
- Craig Machines, Inc.: *See*—
Cole, Frank E., Jr. 2,825,616.
- Craig, Norman L., and G. J. Brydges, to Dominion Magnesium Ltd. Apparatus for decaking retorts. 2,838,779, 6-17-58, Cl. 15-104.12.
- Craig, Ollison: *See*—
Andrews, L. V., and Craig. 2,820,438.
- Craig, Ollison, to Riley Stoker Corp. Superheat control. 2,832,323, 4-29-58, Cl. 122-478.
- Craig, Ollison, to Riley Stoker Corp. Fuel burning apparatus. 2,848,959, 8-26-58, Cl. 110-38.
- Craig, Ollison, to Riley Stoker Corp. Furnace construction. 2,853,059, 9-23-58, Cl. 122-235.
- Craig, Orville M. Letter writing aid for the blind. 2,852,862, 9-23-58, Cl. 35-38.
- Craig, Palmer H. Enrichment of gasoline. 2,829,033, 4-1-58, Cl. 44-52.
- Craig, Robert D., and J. I. A. Thompson, to Metropolitan-Vickers Electrical Co. Ltd. Mass spectrometers. 2,837,653, 6-3-58, Cl. 250-41.9.
- Craig, Robert W., to General Railway Signal Co. Damping device for mechanically resonant relays. 2,833,884, 5-6-58, Cl. 200-91.
- Craig, W. E.: *See*—
Braun, Robert A., Craig, and Lo. 2,846,350.
- Cook, Richard S., and Craig. 2,853,519.
- Lo, Chien-Pen, and Craig. 2,835,625.
- Craig, W. E., and J. O. Van Hook, to Rohm & Haas Co. Method for controlling nematode infestations and nematocides useful therefor. 2,833,687, 5-6-58, Cl. 167-22.
- Craig, W. E., and C. Lo, to Rohm & Haas Co. Pesticidal arenethiosulfonates. 2,862,847, 12-2-58, Cl. 167-30.
- Craig, William L., to R. T. Vanderbilt Co., Inc. Pigment, paper containing the same and method of preparation. 2,823,997, 2-18-58, Cl. 92-3.
- Craig, William L., to R. T. Vanderbilt Co., Inc. Process of making a starch-complex pigment and the product thereof. 2,824,099, 2-18-58, Cl. 260-233.3.
- Craig, Wilmot W., and E. E. Fisher, to Gulf Oil Corp. Distillate fuel oils inhibited against haze formation. 2,852,353, 9-16-58, Cl. 44-56.
- Crain, Harry M., to the United States of America as represented by the Secretary of the Navy. High frequency bias supply for multi-channel magnetic sound system. 2,829,209, 4-1-58, Cl. 179-100.2.
- Crain, Harry M., to United States of America, Navy. Variable frequency indexer. 2,832,931, 4-29-58, Cl. 324-57.
- Crain, James R.: *See*—
Ceresa, Myron, and Crain. 2,861,927.
- Crake, Wilfred S., to Shell Development Co. Tubing string sand trap. 2,843,054, 7-15-58, Cl. 103-220.
- Crake, Wilfred S., to Shell Development Co. Magnetic jetting device. 2,854,825, 10-7-58, Cl. 61-80.
- Crall, Darwin H.: *See*—
Robinson, Donald B., Davis, and Crall. 2,863,009.
- Cramer, Harold W. Envelope dispensing device. 2,848,137, 8-19-58, Cl. 221-36.
- Cramer, Henry G., and D. C. Galbraith, to Milso Mfg. Co. Seat slide. 2,827,106, 3-18-58, Cl. 155-14.
- Cramer, Joseph D., to Chase Bag Co. Mesh bag and method of making the same. 2,824,534, 2-25-58, Cl. 112-269.
- Cramer, Marco J., to Parker Rust Proof Co. Porcelain enamelling. 2,849,344, 8-26-58, Cl. 148-6.14.
- Cramer Posture Chair Vo., Inc.: *See*—
Cramer, Roy A. 2,845,992.
- Cramer, Richard D., to E. I. du Pont de Nemours and Co. 3,3-bisoxazole and its preparation from acetylene and nitric oxide. 2,855,402, 10-7-58, Cl. 260-307.

- Cramer, Roy A., to Cramer Posture Chair Co., Inc. Tilting unit for swivel chair. 2,845,992, 8-5-58, Cl. 155-77.
- Cramer, Roy A., Jr. Power mower drive mechanism. 2,838,124, 6-10-58, Cl. 180-70.
- Cramwinkel, Arnaud, and H. de Lange, to North American Philips Co., Inc. Automatic frequency control. 2,851,602, 9-9-58, Cl. 250-36.
- Cran, William B. G., to William Broadbent & Sons Ltd. Folding machines for laundry use. 2,861,801, 11-25-58, Cl. 270-68.
- Crandall, Julian T., to Ashaway Line & Twine Mfg. Co. Manufacture of strings and the construction thereof. 2,861,417, 11-25-58, Cl. 57-162.
- Crandall, Ronald E., to Northrop Aircraft, Inc. Target towing and exchange apparatus. 2,823,035, 2-11-58, Cl. 273-105.3.
- Crandall, William B., and A. Lieberman, to United States of America, Navy. Self-calibrating dilatometer for high temperature use. 2,831,340, 4-22-58, Cl. 73-16.
- Crandell, Frank F., and G. D. Perkins, to Photo Research Corp. Compound photometric device. 2,865,247, 12-23-58, Cl. 88-22.5.
- Crandell, Paul A., and J. B. Levin, to Laboratory for Electronics, Inc. Microwave polarization apparatus. 2,858,535, 10-28-58, Cl. 343-756.
- Crandell, Robert B., H. C. Maulshagen, and R. W. Samsel, to General Electric Co. Electroacoustic transducer. 2,829,361, 4-1-58, Cl. 340-10.
- Crandon, Harry D., and T. E. Burgess, to American Optical Co. Aryl phosphate plasticized alkyl resin adhesive compositions and method of preparing. 2,840,535, 6-24-58, Cl. 260-30.6.
- Crane & Breed Casket Co., The: See—
- Slaughter, William L. 2,830,354.
- Slaughter, William L. 2,830,356.
- Slaughter, Bernard J., Jr., and Van Pelt. 2,848,781.
- Crane, Carl J.: See—
- Meents, John, and Crane. 2,851,799.
- Crane, Carlton L.: See—
- Hiatt, Gordon D., and Crane. 2,852,508.
- Malm, Carl J., and Crane. 2,824,097.
- Malm, Carl J., and Crane. 2,856,400.
- Crane, Carlton L., and J. Emerson, to Eastman Kodak Co. Method of preparing powdered salt-free cellulose acetate-dicarboxylates. 2,852,507, 9-16-58, Cl. 260-225.
- Crane Co.: See—
- Bredtschneider, Kurt B. 2,826,391.
- Bredtschneider, Kurt B. 2,861,770.
- Bredtschneider, Kurt B. 2,862,729.
- Bredtschneider, Kurt B., and Laird. 2,866,477.
- Bryant, Corwin W. 2,844,021.
- Bryant, Corwin W. 2,859,639.
- Carr, Edward W., and Hansen. 2,855,948.
- Cotterman, Frank D. 2,849,923.
- Detlefson, Gustav C. 2,823,696.
- Detlefson, Gustav C. 2,845,084.
- Drewes, Menke, Jr. 2,848,199.
- Englert, Joseph A., and Kasey. 2,851,051.
- Fennema, Richard, Carr, Hansen, and Daehler. 2,831,500.
- Fredrickson, Edward A. 2,848,721.
- Glaza, Thaddeus J., Kessler, Soldan, Mikes, and Clark. 2,822,908.
- Hansen, George E., and Carr. 2,859,031.
- Laird, Hubert C., and Bredtschneider. 2,843,152.
- Nelson, Axel B. 2,821,721.
- Nelson, Axel B., Schmidt, and Zinkil. 2,829,378.
- Nelson, Axel B., Schmidt, and Zinkil. 2,830,302.
- Svabek, John E., Jr., and Schmidt. 2,850,034.
- Whitesell, John C. 2,835,004.
- Whitesell, John C. 2,857,636.
- Zinkil, Roy H., Newman, and Schmidt. 2,822,552.
- Crane, Edward V., to E. W. Bliss Co. Hydraulic pump. 2,827,859, 3-25-58, Cl. 103-161.
- Crane, Edward V., and F. P. Fehn, Sr., to E. W. Bliss Co. Roll feed adjustment. 2,821,388, 1-28-58, Cl. 271-2.6.
- Crane, George B.: See—
- Ball, Lloyd D., Cowart, and Crane. 2,832,537.
- Crane, Grant, to The Firestone Tire & Rubber Co. Stripping synthetic polymer reaction masses. 2,822,356, 2-4-58, Cl. 260-93.5.
- Crane, Hewitt D., to Radio Corp. of America. Magnetic systems. 2,851,678, 9-9-58, Cl. 340-174.
- Crane Packing Co.: See—
- Boettcher, Stephen A. 2,839,877.
- Haake, Paul T. 2,839,317.
- McGee, Harold E., and Swanson. 2,821,818.
- Payne, Frank E. 2,851,291.
- Payne, Frank E. 2,855,226.
- Payne, Frank E. 2,859,988.
- Shurson, Raymond O. 2,826,009.
- Shurson, Raymond O. 2,850,412.
- Solari, Archie J. 2,835,515.
- Voytech, Charles F. 2,825,353.
- Crane, Perry T.: See—
- Frankle, Harry R. 2,854,921.
- Frankle, Harry R., and Crane. 2,854,920.
- Crane, Robert, Jr.: See—
- Gray, John W., Newsom, and Crane. 2,856,519.
- Zaleski, John F., and Crane. 2,848,694.
- Crane, Robert L., to Continental Machines, Inc. Filing machine. 2,823,446, 2-18-58, Cl. 29-76.
- Crane, Robert L., to Continental Machines, Inc. Drive wheel for band saws. 2,865,412, 12-23-58, Cl. 143-30.
- Crane, Robert L., and J. W. Wilkie, to Continental Machines, Inc. Band sawing machine. 2,843,917, 7-22-58, Cl. 29-68.
- Crane, Roland G., and O. J. Cerna, to American Smelting and Refining Co. Method of forming metallurgical briquettes of zinciferous material. 2,863,758, 12-9-58, Cl. 75-4.
- Crane, Walton B., to Allied Plastics Co. Basket for berries and the like. 2,839,214, 6-17-58, Cl. 220-4.
- Crane, Walton B., to Allied Plastics Co. Set up machine. 2,863,369, 12-9-58, Cl. 93-37.
- Crane, William, Jr.: See—
- Oppenheimer, Jess, and Crane. 2,838,220.
- Cranford, William B.: See—
- Howard, Edward J., and Cranford. 2,841,580.
- Cranham, John E.: See—
- Stevenson, Herbert A., Clark, and Cranham. 2,825,676.
- Cranker, Keith R., and D. J. Smith, to Thiokol Chemical Corp. Impregnating and molding of leather. 2,836,972, 6-3-58, Cl. 69-21.
- Crankshaw, John H., to American Flexible Coupling Co. Coupling with end play device. 2,853,860, 9-30-58, Cl. 64-9.
- Cranmore, Robert: See—
- Moretti, Whitfield, and Cranmore. 2,839,098.
- Cranston, Albert E., and J. A. Wasser. Continuous laminating machine. 2,830,631, 4-15-58, Cl. 144-281.
- Cranston Print Works Co.: See—
- Howard, John H. 2,821,237.
- Crary, Jay D.; H. C. Holmes, executor, to Paper Strap, Inc. Can package. 2,821,299, 1-28-58, Cl. 206-65.
- Crapuchettes, Paul W., to Litton Industries, Inc. Magnetron tuner. 2,832,006, 4-22-58, Cl. 315-39.61.
- Crapuchettes, Paul W., to Litton Industries, Inc. Magnetron. 2,849,633, 8-26-58, Cl. 313-45.
- Crapuchettes, Paul W., to Litton Industries of California. Variable frequency microwave oscillator. 2,852,678, 9-16-58, Cl. 250-36.
- Crapuchettes, Paul W., to Litton Industries, Inc. Tunable magnetron. 2,852,719, 9-16-58, Cl. 315-39.61.
- Crapuchettes, Paul W., to Litton Industries Inc. Frequency stable magnetron. 2,852,720, 9-16-58, Cl. 315-39.75.
- Crane, Robert: See—
- Granet, Charles, Roland, and Crane. 2,861,656.
- Crausman, Morris A., and D. M. Pattarini, to Target Rock Corp. Relief valve. 2,845,088, 7-29-58, Cl. 137-508.
- Craven, Herman R., Jr., and L. Bieri, Jr., to The Vendo Co. Safety device for waste tank. 2,836,672, 5-27-58, Cl. 200-85.
- Craven, Wilbur J., and A. Y. Warner, to The Capewell Mfg. Co. Ejector snap hook. 2,863,201, 12-9-58, Cl. 24-233.
- Craven, William J.: See—
- Matuszak, Alfred H., and Craven. 2,849,399.
- Warner, Alden Y., Craven, and Stachel. 2,839,809.
- Cravens, Samuel V., to Dominaire Constructions, Inc. Concrete block molding machine. 2,856,668, 10-21-58, Cl. 25-41.
- Craver, Augustus E.: See—
- Reichel, Frank H., and Craver. 2,862,245.
- Craver, Augustus E., to American Viscose Corp. Method for drying films. 2,862,303, 12-2-58, Cl. 34-41.
- Craver, Edward H., to Western Electric Co., Inc. Drill jig for wave guide flanges. 2,825,249, 3-4-58, Cl. 77-62.
- Craw, Norman E. Filling nozzle assembly. 2,822,832, 2-11-58, Cl. 141-360.
- Crawford, Allan H., to Mohasco Industries. Tufting machine with pattern control. 2,850,994, 9-9-58, Cl. 112-79.
- Crawford, Allan H., to Mohasco Industries, Inc. Method and apparatus for feeding yarns. 2,853,033, 9-23-58, Cl. 112-79.
- Crawford, Allan H., to Mohasco Industries, Inc. Method of making pile fabrics with loops of different height and apparatus for practicing the method. 2,853,034, 9-23-58, Cl. 112-79.
- Crawford, Andrew W., Jr., to Olin Mathieson Chemical Corp. Tube sealing machine. 2,824,596, 2-25-58, Cl. 154-42.
- Crawford, Arthur R., to International Harvester Co. Cotton picking spindle moistening assembly. 2,845,767, 8-5-58, Cl. 56-41.
- Crawford, Claud F., to The Scholl Mfg. Co., Inc. Cushioning device for shoulder straps. 2,823,383, 2-18-58, Cl. 2-2.
- Crawford, Claude T. Wallboard measuring and cutting device. 2,818,644, 1-7-58, Cl. 30-293.
- Crawford, David J.: See—
- Buchholz, Werner, Deutsche, and Crawford. 2,863,134.
- Kuenstner, Robert C., and Crawford. 2,841,706.
- Crawford, Francis W.: See—
- Bradley, Russell G., and Crawford. 2,859,349.
- Crawford, Francis W., to Phillips Petroleum Co. Differential refractometer cell. 2,837,007, 6-3-58, Cl. 88-14.
- Crawford, Fred C., to Hallmark Cards, Inc. Ornamental pompon bow and method of making same. 2,845,736, 8-5-58, Cl. 41-10.
- Crawford, George H., Jr., to Minnesota Mining and Mfg. Co. Fluoroprene copolymers. 2,836,583, 5-27-58, Cl. 260-82.1.
- Crawford, George H., Jr., to Minnesota Mining and Mfg. Co. Perfluoro- and perfluorochloro-carboxylic acid esters of amino alcohols. 2,856,420, 10-14-58, Cl. 260-487.

- Crawford, Guy W.: *See*—
Rice, Arthur W., and Crawford. 2,841,849.
- Crawford, H. E., Co., Inc.: *See*—
Crawford, Herman E. 2,833,133.
Crawford, Herman E. 2,839,906.
Crawford, Herman E. 2,860,500.
Crawford, Herman E. 2,861,440.
Marum, Hans H. 2,860,499.
- Crawford, Herbert C. Aquarium aerator. 2,824,728, 2-25-58, Cl. 261-119.
- Crawford, Herman C., to Northrop Aircraft, Inc. Curved file holder. 2,833,025, 5-6-58, Cl. 29-80.
- Crawford, Herman E., to H. E. Crawford Co., Inc. Solid patch knitting machine. 2,833,133, 5-6-58, Cl. 66-48.
- Crawford, Herman E., to H. E. Crawford Co., Inc. Widening and narrowing means for circular knitting machines. 2,839,906, 6-24-58, Cl. 66-48.
- Crawford, Herman E., to H. E. Crawford Co., Inc. Knitting machine for knitting hosiery and other fabrics. 2,860,500, 11-18-58, Cl. 66-48.
- Crawford, Herman E., to The H. E. Crawford Co., Inc. Multi-feed circular knitting machine. 2,861,440, 1-25-58, Cl. 66-41.
- Crawford, Jack A.: *See*—
McLean, William B., and Crawford. 2,822,511.
- Crawford, James E., to Northrop Aircraft, Inc. Movable wing tip. 2,820,601, 1-21-58, Cl. 244-90.
- Crawford, John, to the United States of America as represented by the Secretary of the Army. Battery retaining device. 2,825,802, 3-4-58, Cl. 250-14.
- Crawford, John, to Mohasco Industries, Inc. Method of making pile fabrics. 2,831,507, 4-22-58, Cl. 139-39.
- Crawford, John T.: *See*—
Curtis, Everett C., Crawford, and Evans. 2,861,657.
- Crawford, John W. Tool holder. 2,836,426, 5-27-58, Cl. 279-76.
- Crawford, Ralph W., L. W. Sly, and H. G. Fisher, to Fisher-Price Toys, Inc. Action toy. 2,835,074, 5-20-58, Cl. 46-114.
- Crawford, Robert J., V. A. Engelhardt, and H. E. Holmquist, to E. I. du Pont de Nemours and Co. Preparation of 4-ketooctanedioic acids by hydrogenating certain dilactones with a palladium catalyst. 2,840,608, 6-24-58, Cl. 260-537.
- Crawford, Thomas J. Squeeze roll assembly. 2,823,294, 2-11-58, Cl. 219-59.
- Crawford, Thomas J. Seam guide assembly. 2,845,038, 7-29-58, Cl. 113-59.
- Crawford, Walter K., Sr. Rod wiping device for textile spinning frames. 2,859,989, 11-11-58, Cl. 286-18.
- Crawford, Wayne P. Conveyor type storage cabinet. 2,829,024, 4-1-58, Cl. 312-268.
- Crawford, Wayne P. Method of and apparatus for handling frisketing material. 2,850,972, 9-9-58, Cl. 101-421.
- Crawley, Hubert J.: *See*—
Williams, Frederic C., Kilburn, and Crawley. 2,826,715.
- Crawley, William P.: *See*—
Ayars, Edward M., Crawley, and Cornwell. 2,844,860.
Heffelfinger, Robert D., and Crawley. 2,825,119.
- Crayton, Philip H.: *See*—
Hilty, Donald C., Crayton, and Darby. 2,847,296.
- Creager, Herman W., to Superior Mfg. Corp. Hot fluid dispenser. 2,835,415, 5-20-58, Cl. 222-204.
- Creamer, Edgar M., Jr., and M. E. Partin, to Philco Corp. Video signal modulation of pilot carrier beam. 2,848,531, 8-19-58, Cl. 178-54.
- Creamery Package Mfg. Co., The: *See*—
Buehler, Leon, Jr. 2,856,121.
Pardee, Harvey S. 2,857,927.
Wakeman, Alden H. 2,848,952.
Wakeman, Alden H. 2,865,158.
Wakeman, Alden H., and Roahan. 2,859,018.
- Creasey, Raymond F., W. D. Horsfield, and M. W. Cara, to The English Electric Co. Ltd. Artificial feel system for aircraft controls. 2,864,571, 12-16-58, Cl. 244-83.
- Creasy, Macajah R. Stuffing box for solids handling pumps. 2,834,617, 5-13-58, Cl. 286-8.
- Credner, Karl: *See*—
Engelhard, Hermann, Credner, and Renwanz. 2,843,595.
- Creed & Co. Ltd.: *See*—
Mason, Frederick P., and Stemp. 2,853,543.
Salmon, Reginald D., and Salmon. 2,827,511.
- Creed, Sherman H.: *See*—
Luhdorff, Frederick H., Creed, and Puccinelli. 2,827,937.
- Creeger, Charles O. Adjustable head and back rest for beds. 2,829,383, 4-8-58, Cl. 5-327.
- Creek, John O., to A. V. Roe Canada Ltd. Presses. 2,826,947, 3-18-58, Cl. 78-60.
- Creek, John O., to A. V. Roe Canada Ltd. Method and apparatus for making hollow blades. 2,849,788, 9-2-58, Cl. 29-156.8.
- Creek, John O., and E. W. Dawson, to Orenda Engines Ltd. Root platform milling fixture. 2,837,011, 6-3-58, Cl. 90-13.
- Cregier, Harry M., to Alco Products, Inc. Equalizer supports. 2,818,821, 1-7-58, Cl. 105-223.
- Creighton, John P.: *See*—
Kersey, Albert H., and Creighton. 2,839,033.
- Creighton, John P., and D. M. Christie, to Ford Motor Co. Ltd. Power transmission arrangements for hydraulically propelled vehicles. 2,861,552, 11-25-58, Cl. 121-119.
- Creighton, Stephen M.: *See*—
Hindersinn, Raymond R., and Creighton. 2,865,869.
- Crelinsten, Edward. Golf practice machine. 2,834,210, 5-13-58, Cl. 73-379.
- Cremer, George D., and F. J. Filippi, to Solar Aircraft Co. High temperature brazing alloys. 2,856,281, 10-14-58, Cl. 75-134.
- Creonti, Fernando, to S. r. l. Fata. Device for operating rolling blinds. 2,828,429, 3-25-58, Cl. 310-67.
- Crescent Swimming Pools, Inc.: *See*—
Levert, Raymond C. 2,858,693.
- Crespo y Garcia, Joaquin. Method of canning, bottling and preserving fermentable solids and liquids. 2,846,316, 8-5-58, Cl. 99-182.
- Cressell, Ian G. A., to Marconi's Wireless Telegraph Co. Ltd. Semi-conducting amplifiers. 2,840,885, 7-1-58, Cl. 29-25.3.
- Cressman, George W.: *See*—
Ishler, William E., and Cressman. 2,858,234.
- Cresswell, Arthur, to American Cyanamid Co. Spinnerette insert and assembly. 2,820,985, 1-28-58, Cl. 18-8.
- Crest Foods Co., Inc.: *See*—
McDonald, George W., and Weinstein. 2,831,771.
Scott, Everette C. 2,832,685.
Weinstein, Bernard. 2,856,289.
- Creste, Paul L. Rifles having slings. 2,830,747, 4-15-58, Cl. 224-1.
- Creston Glass Products Co.: *See*—
Leichtung, Arthur. 2,856,515.
- Cretin-Maitenaz, Bernard F. R., to Societe Industrielle & Commerciale Des Ouvriers Lunetiers (Cottet, Poichet, Tagnon & Cie). Mounting of lenses in spectacle frames. 2,851,925, 9-16-58, Cl. 88-47.
- Cretors, C. & Co.: *See*—
Cretors, Charles J. and Carlson. 2,856,841.
- Cretors, Charles J. and N. E. Carlson, to C. Cretors & Co. Popcorn machines. 2,856,841, 10-21-58, Cl. 99-238.
- Creutz, Edward C., to the United States of America as represented by the United States Atomic Energy Commission. Production of uranium tubing. 2,830,921, 4-15-48, Cl. 148-11.5.
- Creutz, Edward C., and E. P. Wigner, to United States of America, Atomic Energy Commission. Separating uranium containing solids suspended in a liquid. 2,833,618, 5-6-58, Cl. 23-14.5.
- Creutz, Edward C., W. A. McAdams, and M. H. Foss, to United States of America, Atomic Energy Commission. Method of testing for leaks. 2,844,735, 7-22-58, Cl. 250-83.6.
- Creutz, Patrick M.: *See*—
Meng, Eugene D., Keyes, and Creutz. 2,860,310.
- Creuzburg, Richard, to Kurt Korber & Co., K. G. Hopper control mechanisms. 2,845,190, 7-29-58, Cl. 214-17.
- Crewe, Samuel. Duplex ratchet mechanism for calk guns. 2,845,805, 8-5-58, Cl. 74-169.
- Crews, Lowell T., and M. L. Kallnowski, to Standard Oil Co. Roadway construction material and an additive therefor. 2,860,067, 11-11-58, Cl. 106-273.
- Crhak, Emerich J.: *See*—
Henderson, Cyril, and Crhak. 2,853,571.
- Crick, Roger D. S., to D. Napier & Sons Ltd. Thermo-electric surface heaters. 2,843,711, 7-15-58, Cl. 201-73.
- Crigler, Ilene M., deceased; J. F. Crigler, administrator of said I. M. Crigler. Earring constructed and arranged to clampingly engage the tragus and the anti-tragus. 2,823,525, 2-18-58, Cl. 63-14.
- Crigler, Ilene M., deceased; J. F. Crigler, administrator of said I. M. Crigler. Earring constructed and arranged to clampingly engage the tragus and the anti-tragus. 2,823,526, 2-18-58, Cl. 63-14.
- Crigler, John F., administrator: *See*—
Crigler, Ilene M. 2,823,525.
Crigler, Ilene M. 2,823,526.
- Crimmins, William C., to Appliance Mfg. Co., Inc. Switch-timer mechanism. 2,858,387, 10-28-58, Cl. 200-38.
- Crimpwell Corp., The: *See*—
Martinez, Rene. 2,852,755.
- Cripe, Alan R., to The Chesapeake and Ohio Railway Co. Motor train power unit, passageway and cab structure. 2,859,705, 11-11-58, Cl. 105-2.
- Cripe, Gene H., to Utility Appliance Corp. Griddle cover shield. 2,836,171, 5-27-58, Cl. 126-214.
- Cripe, Maxwell L.: *See*—
Hupp, Edward E., and Cripe. 2,829,625.
- Cripe, Owen C. Swivel top float valve. 2,827,917, 3-25-58, Cl. 137-443.
- Crippen, Herbert O., Sr. Piano. 2,836,093, 5-27-58, Cl. 84-196.
- Cripps, John: *See*—
Chilman, John A., Mapp, and Cripps. 2,828,427.
- Crisafulli, Rosario. Tobacco smoking device. 2,838,052, 6-10-58, Cl. 131-198.
- Criscione, John M., and W. H. Bernauer, to Callery Chemical Co. Preparation of dimethyl ether from alkali metal methyl carbonates. 2,860,170, 11-11-58, Cl. 260-614.
- Crise, Wilford P. Vacuum cleaner for drawing air through and intermittently over surface being cleaned. 2,864,119, 12-16-58, Cl. 15-404.
- Crissey, Joseph J. Ceiling structure. 2,836,859, 6-3-58, Cl. 20-1.

- Crist, Chester E., to R. F. McGivern. Filter bottoms. 2,818,977, 1-7-58, Cl. 210—291.
- Crist, Earl E. Apparatus for folding corrugated cardboard shields for packing cases. 2,834,265, 5-13-58, Cl. 93—84.
- Critchlow, Arthur J., to International Business Machines Corp. Diode array. 2,848,664, 8-19-58, Cl. 317—231.
- Critchlow, George F., to Bell Telephone Laboratories, Inc. Electric signal transmission. 2,840,648, 6-24-58, Cl. 179—171.
- Crites, Joe, to Combustion Engineering Inc. Wear compensating means for pulverizing mills of the ring-roller type. 2,848,170, 8-19-58, Cl. 241—117.
- Critoph, Dennis. Retractable awnings. 2,832,362, 4-29-58, Cl. 135—71.
- Crittenden, Charles B., to Harris-Intertype Corp. Sheet feeding mechanism. 2,856,188, 10-14-58, Cl. 271—53.
- Crittendon, Bob C., to Socony Mobil Oil Co., Inc. Device for measuring stability of water-in-oil emulsion. 2,859,404, 11-4-58, Cl. 324—30.
- Crittendon, Lexie R., and E. W. Hailston, to Remington Arms Co., Inc. Rockable breech bolt locking block. 2,824,400, 2-25-58, Cl. 42—16.
- Crivelli, Albert A.: See—
- Nash, Floyd M., and Crivelli. 2,845,028.
- Crivelli, Henry A. Wheel washing apparatus. 2,822,564, 2-11-58, Cl. 15—302.
- Croce, Santy M., and J. W. Solomon, to Coty, Inc. Cosmetic containers. 2,818,973, 1-7-58, Cl. 206—56.
- Croce, Santy M., and J. W. Solomon, to Coty, Inc. Method of filling cosmetic containers. 2,855,632, 10-14-58, Cl. 18—59.
- Crocchia, Thomas. Finger engaging cigarette holder. 2,866,466, 12-30-58, Cl. 131—258.
- Crocker, Henry P., and R. H. Hall, to Hercules Powder Co. Phenol purification. 2,864,869, 12-16-58, Cl. 260—621.
- Crocker, John C. Check strap for picker stick of loom. 2,822,828, 2-11-58, Cl. 139—161.
- Crockett, Sydney R. Air bearing gyro and pickup. 2,821,859, 2-4-58, Cl. 74—56.
- Crockett, Sydney R., to United States of America, Navy. Method of locking and sealing tubular structures. 2,854,744, 10-7-58, Cl. 29—516.
- Crockford, Jack A., F. A. Hayes, J. H. Jenkins, and S. D. Feurt, to Palmer Chemical & Equipment Co., Inc. Projectile for delivery of drugs to animals. 2,854,925, 10-7-58, Cl. 102—92.
- Crockford, Joseph R.: See—
- Haeseler, Kurt W. 2,831,485.
- Croft, Charles P., to Pangborn Corp. Tube cleaning device. 2,826,006, 3-11-58, Cl. 51—8.
- Croft, Harry P., to Kennecott Copper Corp. Titanium-sulfur base alloys. 2,826,498, 3-11-58, Cl. 75—175.5.
- Croft, Richard D., and F. Veatch, to The Standard Oil Co. Surfactant treatment of microballoons to improve water resistance. 2,822,238, 2-4-58, Cl. 21—60.5.
- Croft, Richard D., and F. Veatch, to The Standard Oil Co. Methods and apparatus for measuring liquid depth. 2,829,437, 4-8-58, Cl. 33—126.7.
- Croftutt, George B., Jr., and J. B. Fisk, to Bell Telephone Laboratories, Inc. Party line station identifying impulse transmitter. 2,846,512, 8-5-58, Cl. 179—81.
- Crohn, Frank. Pin-type adjusting devices for dress forms. 2,843,296, 7-15-58, Cl. 223—68.
- Croker, Arthur W.: See—
- Doeg, Paul R., and Croker. 2,860,386.
- Croley, Donald R., to Eli Lilly and Co. Process for crystallization of erythromycin. 2,864,817, 12-16-58, Cl. 260—210.
- Croley, Leo B.: See—
- Hanson, George E., and Croley. 2,837,504.
- Crom, John M.: See—
- Crom, Theodore R. 2,853,250.
- Crom, John M. Method and apparatus for banding tanks. 2,858,084, 10-28-58, Cl. 242—7.
- Crom, Theodore R., to J. M. Crom. Apparatus for imparting stresses to structural members. 2,853,250, 9-23-58, Cl. 242—1.
- Cromer, Albert D. Plant food and fertilizer applicator. 2,857,864, 10-28-58, Cl. 111—95.
- Crompton & Knowles Corp.: See—
- Bergstrom, Carl P. 2,837,123.
- Darwin, Clifford. 2,845,956.
- Dolbeare, Edwin F., and Krukons. 2,856,965.
- Simmons, George S., Jr. 2,866,482.
- Crompton & Knowles Loom Works: See—
- Bergstrom, Carl P., Dolbeare, and Holmes. 2,856,964.
- Thevenon, Charles. 2,856,966.
- Waterhouse, Lewis O. 2,843,158.
- Crompton, Theodore R. End gate mounting for truck bodies. 2,821,431, 1-28-58, Cl. 296—57.
- Cromwell, Harold J.: See—
- Platt, James H., and Cromwell. 2,820,120.
- Cromwell, Harold J., to General Motors Corp. Electric switch. 2,855,475, 10-7-58, Cl. 200—34.
- Cromwell, Harold J., to General Motors Corp. Engine starting apparatus. 2,866,908, 12-30-58, Cl. 290—38.
- Cromwell, Harold J., A. G. Lautzenhiser, and C. E. Buck, to General Motors Corp. Electric switch. 2,842,680, 7-8-58, Cl. 307—10.
- Cromwell, Oliver, and A. V. Olsson. Squeegee pumps. 2,831,437, 4-22-58, Cl. 103—149.
- Cromwell Paper Co., The: See—
- Drigot, Stanley W., Lebolt, Minow, and Reynolds. 2,837,432.
- Krieg, Abraham. 2,829,945.
- Cromwell, Robert M., to Ford Motor Co. Thermal responsive device. 2,852,642, 9-16-58, Cl. 200—140.
- Cromwell, William E., to The Welsbach Corp. Methods for ozone generation. 2,850,446, 9-2-58, Cl. 204—176.
- Cromwell, William E., to The Welsbach Corp. Method for ozone generation. 2,857,323, 10-21-58, Cl. 204—176.
- Croname, Inc.: See—
- Dahlberg, Leroy E. 2,831,428.
- Ramson, John R. 2,845,523.
- Crone, Alfred F. Load transfer device for highway joints. 2,858,748, 11-4-58, Cl. 94—8.
- Crone, Alfred F. Highway joint constructions. 2,858,749, 11-4-58, Cl. 94—17.
- Cronmeyer, Rowland N.: See—
- Scheib, Richard, Jr., and Cronmeyer. 2,863,284.
- Cronin, Edward F., J. Mezzack, and A. J. Harrington, Jr., to General Electric Co. Gauge dial. 2,859,724, 11-11-58, Cl. 116—118.
- Cronin, Eugene J. Ultrasonic welder. 2,846,563, 8-5-58, Cl. 219—86.
- Cronin, Leo J., to Raytheon Mfg. Co. Cathode heater assemblies. 2,842,701, 7-8-58, Cl. 313—340.
- Cronin, Robert E. Material handling apparatus. 2,857,856, 10-28-58, Cl. 105—369.
- Cronite Co., Inc., The: See—
- Gillis, Edmund A. 2,853,942.
- Cronek, John L., to Worthington Corp. Fluid pressure regulators. 2,861,588, 11-25-58, Cl. 137—505.12.
- Crook, Eric G. B., to Acrow (Engineers) Ltd. Clamping connections for framework. 2,849,258, 8-26-58, Cl. 304—40.
- Crooke, Harold F., to D. Naiper & Son Ltd. Electrical deicing equipment. 2,853,589, 9-23-58, Cl. 219—19.
- Crooke, Raymond E., to Sperry Rand Corp. Ford Instrument Co. Division. Disc-roller integrator. 2,837,929, 6-10-58, Cl. 74—194.
- Crooker, David E.: See—
- Frary, Evan A., and Crooker. 2,819,751.
- Crooker, David E., ½ to L. L. Felker. Apparatus for and method of forming tire treads. 2,848,744, 8-26-58, Cl. 18—44.
- Crooks, Charles E., and W. R. Beckman, to Spotnails, Inc. Feed mechanism for stapling or like machines. 2,837,743, 6-10-58, Cl. 1—49.
- Crooks, Horatio N., to Radio Corp. of America. Indicator for storage devices. 2,851,677, 9-9-58, Cl. 340—174.
- Crooks, Ralph K., to Westinghouse Air Brake Co. Control means for carrier signaling and communication equipments. 2,846,508, 8-5-58, Cl. 179—15.55.
- Crooks, William R., to The Cooper-Bessemer Corp. System for unloading compressors. 2,854,187, 9-30-58, Cl. 230—21.
- Crookston, Robert R.: See—
- Badger, Algernon S., and Crookston. 2,825,584.
- Crookston, Robert R., and T. J. Bolling, Jr., to Jersey Production Research Co. Laterally adjustable blowout preventer with inflatable rams. 2,850,256, 9-2-58, Cl. 251—1.
- Crookston, Robert R., and T. J. Bolling, Jr., to Jersey Production Research Co. Drill pipe spinner. 2,850,929, 9-9-58, Cl. 81—53.
- Croome, Clifford: See—
- Bourne, Joseph B., and Croome. 2,833,003.
- Cropley, William D., to The Hoover Co. Suction cleaner filter bags. 2,818,936, 1-7-58, Cl. 183—51.
- Crosa, Giacomo and L., to "Vittorio Necchi S. p. A." Supporting means for sewing machines and the like. 2,833,610, 5-6-58, Cl. 312—30.
- Crosa, Luigi: See—
- Crosa, Giacomo and L. 2,833,610.
- Crosby, Alton L., and H. W. Roeber, to Sylvania Electric Products Inc. Universal bender for wafer stems. 2,855,016, 10-7-58, Cl. 153—16.
- Crosby, George A., to Signode Steel Strapping Co. Seal blank. 2,830,344, 4-15-58, Cl. 24—23.
- Crosby, George A., to Signode Steel Strapping Co. Indexing turntable. 2,835,194, 5-20-58, Cl. 100—12.
- Crosby, Gifford W., and L. E. Hutchings, to The Pure Oil Co. Purification process. 2,834,803, 5-13-58, Cl. 260—504.
- Crosby, Gifford W., and L. R. E. Hutchings, to The Pure Oil Co. Manufacture of basic petroleum sulfonate salts using two-step neutralization in non-aqueous phase. 2,846,466, 8-5-58, Cl. 260—504.
- Crosby, Gifford W., and J. B. Braunwarth, to The Pure Oil Co. Manufacture of succinic acid. 2,862,028, 11-25-58, Cl. 260—537.
- Crosby, Gilmore E., and H. E. McCreary, to Radio Corp. of America. Calcium magnesium silicate phosphors. 2,821,508, 1-28-58, Cl. 252—301.4.
- Crosby, Hartzell L.: See—
- Gray, Kenneth R., Crosby, and Steinberg. 2,824,071.
- Gray, Kenneth R., Crosby, and Steinberg. 2,841,561.
- Crosby, Murray G. Automatic frequency control and tuning indicator. 2,836,712, 5-27-58, Cl. 250—20.

- Crosby, Murray G. Multiplex communication system. 2,851,532, 9-9-58, Cl. 179-15.
- Crosby, Murray G. Modulator. 2,866,163, 12-23-58, Cl. 332-38.
- Crosby Steam Gage & Valve Co.: *See*—
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- Crosc, M. J. Mfg. Co., Inc.: *See*—
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- Crosfield, J. F., Ltd.: *See*—
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- Crosfield, John F., and G. S. Allen, to J. F. Crosfield, Ltd. Colour printing. 2,842,610, 7-8-58, Cl. 178-52.
- Croslier, Walter J., and J. Klink, to Standard Gage Co., Inc. Height comparator gage. 2,827,707, 3-25-58, Cl. 33-169.
- Croskey, Frank A., and C. D. Tuttle, to General Motors Corp. High tension circuit breaker system. 2,840,658, 6-24-58, Cl. 200-82.
- Crosio, Enrico: *See*—
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- Crosman Arms Co., Inc.: *See*—
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- Cross, Albert S.: *See*—
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- Cross, Carroll N. Display device with automatically acting support. 2,825,516, 3-4-58, Cl. 248-35.
- Cross, Carroll N. Display mount and easel. 2,831,285, 4-22-58, Cl. 40-152.1.
- Cross Co., The: *See*—
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- Cross, Ralph E., and Jessen. Re. 24,491.
- Cross, Jonathan H., Jr., and H. R. Hunter, to Esso Research and Engineering Co. Tubing hanger. 2,832,422, 4-29-58, Cl. 166-216.
- Cross, Lawrence P. Sausage linking machine. 2,834,042, 5-13-58, Cl. 17-34.
- Cross, Lawrence P. Sausage linking machine. 2,845,655, 8-5-58, Cl. 17-34.
- Cross, Ralph E., to The Cross Co. Machine tool and method of programming the operation thereof. 2,844,862, 7-29-58, Cl. 29-1.
- Cross, Ralph E., and W. H. Jessen, to The Cross Co. Apparatus for recording and controlling machine tool operation. Re. 24,491, 6-17-58, Cl. 340-267.
- Crossan, Jesse R.: *See*—
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- Crosse, Roger: *See*—
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- Crossen, William P.: *See*—
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- Crosssett Chemical Co., a Division of The Crosssett Co.: *See*—
Clark, Charles K., and Nason. 2,854,419.
- Clark, Charles K., and Nason. 2,854,420.
- Clark, Charles K., and Nason. 2,854,442.
- Crossland, Edward J.: *See*—
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- Hawkins, James E., and Crossland. 2,851,682.
- Crossland, Peter: *See*—
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- Crossley, Charles N., to North American Aviation, Inc. Ball action slip clutch. 2,860,498, 11-18-58, Cl. 64-29.
- Crossley, Royal E., to Crouse-Hinds Co. Signal light gun. 2,846,675, 8-5-58, Cl. 340-336.
- Crost, Munsey E., to United States of America, Army. Sampling circuit. 2,840,706, 6-24-58, Cl. 250-27.
- Crot, André. Portable cabana attachment for automobiles. 2,829,661, 4-8-58, Cl. 135-8.
- Croteau, Lionel L. P. Glass washer. 2,847,688, 8-19-58, Cl. 15-76.
- Crothers, Evelyn. Garment supporter. 2,856,666, 10-21-58, Cl. 24-261.
- Cretty, Raymond E., and E. G. Hills, $\frac{1}{2}$ to Radion Corp. and $\frac{1}{2}$ to said Hills. Lightning arrestor and attachment therefor. 2,835,852, 5-20-58, Cl. 317-69.
- Crouch, Houston L. Fish-actuated hook and line jerking float. 2,818,671, 1-7-58, Cl. 43-15.
- Crouch, Willie W., to Phillips Petroleum Co. Production of liquid drying oil polymer. 2,826,621, 3-11-58, Cl. 260-680.
- Crouch, Willie W., to Phillips Petroleum Co. Recovery of unreacted vinylpyridine monomer from polymerization systems. 2,830,974, 4-15-58, Cl. 260-82.1.
- Crouch, Willie W., and J. T. Edmonds, Jr., to Phillips Petroleum Co. Method for producing a void-free thermosetting casting from liquid polybutadiene. 2,826,565, 3-11-58, Cl. 260-85.1.
- Crounse, Nathan N., to Sterling Drug Inc. Benzimidazolyl-stilbene whitening and brightening agents. 2,838,504, 6-10-58, Cl. 260-240.
- Crouse, George B.: *See*—
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- Crouse-Hinds Co.: *See*—
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- Lester, Ray F. 2,866,084.
- Petree, Jay R. 2,849,597.
- Crowder, John A., and E. E. Gilbert, to Allied Chemical & Dye Corp. Preparation of methionine acid. 2,842,589, 7-8-58, Cl. 260-513.
- Crowder, John A., and E. E. Gilbert, to Allied Chemical Corp. Production of dihalobenzenes. 2,866,828, 12-30-58, Cl. 260-650.
- Crowder, John P., Jr.: *See*—
Eagles, Robert P., and Crowder. 2,830,504.
- Crowder, John S. Retractable scratch awl. 2,848,809, 8-26-58, Cl. 30-164.9.
- Crowder, Joseph. Liquid dispensing devices. 2,842,294, 7-8-58, Cl. 222-426.
- Crowe, Bailey B. Gearing. 2,842,973, 7-15-58, Cl. 74-190.5.
- Crowe, John H., to Minerals & Chemicals Corp. of America. Iron ore briquette with paper pulp binder. 2,865,731, 12-23-58, Cl. 75-3.
- Crowe, Roger L. Saw chain. 2,832,380, 4-29-58, Cl. 143-135.
- Crowe, Walter L. Apparatus for raising and launching boats. 2,841,296, 7-1-58, Cl. 214-1.
- Crowell, Serge L. Valve mechanisms for magnetic fluid conduits and devices employing the same. 2,820,471, 1-21-58, Cl. 137-251.
- Crowley, William G.: *See*—
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- Jones, Charles E., and Crowley. 2,863,701.
- Crowley, William G., and C. E. Jones, to Hunter Fan and Ventilating Co., Inc. Air deflector. 2,853,935, 9-30-58, Cl. 98-40.
- Crowley, Cornelius J., to The Seamless Rubber Co. Method of making a tethering ring for a playball. 2,858,249, 10-28-58, Cl. 154-90.
- Crowley, Cornelius J., and J. C. Berlepsch, to The Seamless Rubber Co. Tether ball. 2,864,617, 12-16-58, Cl. 273-55.
- Crowley, Edgar L.: *See*—
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- Crowley, Francis B. Household roasters. 2,844,288, 7-22-58, Cl. 222-366.
- Crowley, Francis B. Marginal shelf for a household roaster. 2,849,945, 9-2-58, Cl. 99-339.
- Crowley, Francis X. Process of making prestressed concrete structures. 2,859,504, 11-11-58, Cl. 25-154.
- Crowley, George C., to General Electric Co. Flexible thermosensitive electric cable. 2,820,085, 1-14-58, Cl. 174-107.
- Crowley, George C., to General Electric Co. Temperature responsive electrical control system. 2,831,099, 4-15-58, Cl. 219-20.
- Crowley, George C., and R. J. Sertl. Machine for coating spherical objects. 2,833,241, 5-6-58, Cl. 118-62.
- Crowley, George C., W. H. Gordon, Jr., and R. A. Wise, to General Electric Co. Vaporizer steam dry control. 2,847,546, 8-12-58, Cl. 219-38.
- Crowley, John C., to Bell Telephone Laboratories, Inc. Suppression of arcing in wave guides. 2,860,244, 11-11-58, Cl. 250-36.
- Crowley, John D. Disposable ash tray. 2,836,340, 5-27-58, Cl. 229-30.
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- Crowley, Matt. Enterprises, Inc.: *See*—
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- Crowley, Matthew D., to Matt Crowley Enterprises, Inc. Liquid sound deadening device. 2,846,020, 8-5-58, Cl. 181-33.
- Crowley-Milling, Michael C., to Metropolitan-Vickers Electrical Co. Ltd. Treatment of materials by electronic bombardment. 2,824,969, 2-25-58, Cl. 250-49.5.
- Crowley-Milling, Michael C., to Metropolitan-Vickers Electrical Co. Ltd. Electric discharge devices. 2,838,711, 6-10-58, Cl. 315-39.
- Crowley-Milling, Michael C., to Metropolitan-Vickers Electrical Co. Ltd. Linear electron accelerators. 2,849,634, 8-26-58, Cl. 313-57.
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- Breeback, Rudolph H. 2,827,998.
- Breeback, Rudolph H. 2,829,757.
- Breeback, Rudolph H. 2,840,098.
- Breeback, Rudolph H. 2,857,037.
- Cooke, Giles B., and Timbs. 2,853,735.
- Day, Carl L., Albrecht, and Fauth. 2,820,489.
- Day, Carl L., and Fauth. 2,836,947.
- Duemler, Robert F. 2,860,814.
- Olt, Leonard F., and R. L. 2,834,498.
- Rainer, William C., Wilkens, Germak, Hamilton, and Redding. 2,840,858.
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- Smucker, Robert E., and Harrison. 2,828,509.
- Crown, Richard C., and J. K. Watkins. Ambulatory cot sheet protector. 2,841,801, 7-8-58, Cl. 5-92.
- Crown Zellerbach Corp.: *See*—
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- Claus, Paul E. 2,818,972.
- David, Frank A., Jr. 2,819,009.
- David, Frank A., Jr. 2,839,881.
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- George, Walter C. 2,823,846.
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 Crownover, Joseph W. Prestressed piezo crystal. 2,836,738, 5-27-58, Cl. 310-8.5.
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- Cummaro, Louis A., to Phillips Screw Co. Insert for soft materials and locking member therefor. 2,849,046, 8-26-58, Cl. 151-41.73.
- Cummaro, Louis A., to Phillips Screw Co. Tool for installing a threaded fastening element and locking member. 2,858,601, 11-4-58, Cl. 29-240.
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- Cummin, Alfred S., J. R. Hutzler, and R. Graham, Jr., to General Electric Co. Electrical capacitor and method of making the same. 2,819,492, 1-14-58, Cl. 18-47.5.
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- Cummings, Howard D., to Monsanto Chemical Co. Purification of maleic anhydride. 2,848,460, 8-19-58, Cl. 260-346.8.
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- Cunningham, Edwin A., Jr., and G. R. Anderson, to Hagan Chemicals & Controls, Inc. Low boiler feed water responsive safety valves for shutting down boiler feed pump turbine. 2,842,151, 7-8-58, Cl. 137-95.
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- Cunningham, Frederic, Jr., and W. Selove, to United States of America, War. Target simulating signal generator. 2,841,785, 7-1-58, Cl. 343-17.7.
- Cunningham, Frederick W., to American Bosch Arms Corp. Method and apparatus for measuring thickness. 2,834,938, 5-13-58, Cl. 324-34.
- Cunningham, Frederick W. Gear tester. 2,855,691, 10-14-58, Cl. 33-179.5.
- Cunningham, George L., to Horizons Inc. Manufacture of halogen compounds. 2,820,068, 1-14-58, Cl. 260-659.
- Cunningham, George L., to Callery Chemical Co. Preparation of sodium hydride from sodium amalgam and hydrogen. 2,829,950, 4-8-58, Cl. 23-204.
- Cunningham, George L., to Callery Chemical Co. Preparation of trimethyl borate. 2,830,070, 4-8-58, Cl. 260-462.
- Cunningham, George L., to Horizons Titanium Corp. Preparation of alkali metal-titanium fluorides. 2,832,731, 4-29-58, Cl. 204-64.
- Cunningham, George L., to Horizons Inc. Recovery of values in naturally occurring alkali metal sulfate minerals. 2,860,951, 11-18-58, Cl. 23-32.
- Cunningham, George L., J. M. Bryant, and E. M. Gause, to Callery Chemical Co. Preparation of lithium borohydride. 2,829,946, 4-8-58, Cl. 23-14.
- Cunningham, George L., F. Pretka, and C. J. Zelnik, to Horizons Inc. Electrolytic process. 2,852,452, 9-16-58, Cl. 204-113.
- Cunningham, James L.: *See—*
- Honkala, Harold E., and Cunningham. 2,866,545.
- Cunningham, James M., to International Business Machines Corp. Relay timing ring. 2,827,596, 3-18-58, Cl. 317-140.
- Cunningham, James M., to International Business Machines Corp. Punching mechanisms with coordinated punch checking means. 2,841,221, 7-1-58, Cl. 164-111.
- Cunningham, James M., to Techno Instrument Co. Electrical control system for magnetic recorder. 2,846,661, 8-5-58, Cl. 340-15.
- Cunningham, James M., and D. R. Daykin, to International Business Machines Corp. Classification circuit. 2,843,839, 7-15-58, Cl. 340-172.
- Cunningham, John H. Shaft aligning device. 2,833,051, 5-6-58, Cl. 33-180.
- Cunningham, John H. Self-feeding soldering iron. 2,833,904, 5-6-58, Cl. 219-27.
- Cunningham, Lewis L. Electric switch. 2,854,540, 9-30-58, Cl. 200-67.
- Cunningham, Marion M., to United States Rubber Co. Closure for flexible containers. 2,823,722, 2-18-58, Cl. 150-8.
- Cunningham, Marion M., to United States Rubber Co. Collapsible container. 2,854,048, 9-30-58, Cl. 150-5.
- Cunningham, Marion M., to United States Rubber Co. Apparatus for use in emptying collapsible containers. 2,858,051, 10-28-58, Cl. 222-103.
- Cunningham, Marion M., to United States Rubber Co. Collapsible container. 2,865,419, 12-23-58, Cl. 150-1.
- Cunningham, Marvin H., to Westinghouse Electric Corp. Magnetic holding device. 2,854,273, 9-30-58, Cl. 292-251.5.
- Cunningham, Paul M., to Collins Radio Co. Limit control circuit. 2,825,017, 2-25-58, Cl. 318-28.
- Cunningham, William A.: *See—*
- Pucher, Leo E., Cunningham, and Szabo. 2,833,845.
- Pucher, Leo E., Cunningham, and Szabo. 2,850,555.
- Cunningham, William E. Direct reading measuring device. 2,829,439, 4-8-58, Cl. 33-166.
- Cuno Engineering Corp.: *See—*
- Ashton, Philip E., and Schnick. 2,848,590.

- Cuorator, John J., and F. P. Sims, to I-T-E Circuit Breaker Co. Secondary contact disconnecting device. 2,858,389, 10-28-58, Cl. 200-50.
- Cupler, John A., II. Spinnerettes and method of production. 2,819,161, 1-7-58, Cl. 75-126.
- Cupp, Earl B.: *See*—
Dittman, John F., and Cupp. 2,866,840.
- Cüppers, Curt, and K. Kirchhübel, to "Oculus" Optikgerate G. m. b. H. Apparatus for the measuring of scotomata. 2,855,821, 10-14-58, Cl. 88-20.
- Currell, Conrad O., to Kaiser Aluminum & Chemical Corp. Prestressed cast upper fifth wheel structure for articulated vehicles. 2,846,235, 8-5-58, Cl. 280-433.
- Curioni, Aldo, to himself and F. Mariani. Machine for cutting spaghetti. 2,827,001, 3-18-58, Cl. 107-21.
- Curioni, Salvatore M. Sound muffler. 2,841,235, 7-1-58, Cl. 181-67.
- Curl, Mark I., and J. R. Steigerwald, to The Goodyear Tire & Rubber Co. Electrical anti-skid mechanism for brakes. 2,850,121, 9-2-58, Cl. 188-181.
- Curley, Morton B., to The Jeffrey Mfg. Co. Adjustable fan blade assembly. 2,844,207, 7-22-58, Cl. 170-160.6.
- Curran, Arwin P. Service stand and telephone shelter. 2,822,230, 2-4-58, Cl. 312-323.
- Curran, Bernard E., to H. H. Robertson Co. Outlet for use in an air distributing system. 2,841,070, 7-1-58, Cl. 98-40.
- Curran, Bernard E., to H. H. Robertson Co. Building and air distributing structure. 2,864,300, 12-16-58, Cl. 98-31.
- Curran, D. M., trustee: *See*—
Barth, Robert L. 2,823,634.
Curran, Donald M. 2,823,398.
- Curran, Donald M., to D. M. Curran, trustee. Pipeline weld cleaning machine. 2,823,398, 2-18-58, Cl. 15-104.04.
- Curran, Donald M., to M. J. Crose Mfg. Co., Inc. Pipeline ditch filling and pipe padding machine. 2,857,691, 10-28-58, Cl. 37-144.
- Curran, George P.: *See*—
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- Curran, John: *See*—
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- Curran, Louis J. Moisture-proof flanged hub type connector. 2,862,040, 11-25-58, Cl. 174-51.
- Currey, Charles H.: *See*—
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- Currey, Charles H., and A. C. L. Brown, to A. C. Nielsen Co. Monitoring apparatus. 2,864,941, 12-16-58, Cl. 250-2.
- Currie, Eugene J. Shake holder. 2,845,206, 7-29-58, Cl. 224-46.
- Currie, Gardner D., to Borg-Warner Corp. Mud decoupler. 2,824,718, 2-25-58, Cl. 255-4.4.
- Currie, Gilbert, to Westinghouse Electric Corp. Motor system. 2,833,975, 5-6-58, Cl. 318-369.
- Currie, Gilbert, to Westinghouse Electric Corp. Electromagnetic operator. 2,840,769, 6-24-58, Cl. 317-198.
- Currie, Grover C., to Dacam Corp. Carton for cylindrical objects. 2,863,598, 12-9-58, Cl. 229-52.
- Currie, John P. Turning plug freeing device for valves. 2,843,143, 7-15-58, Cl. 137-330.
- Currie, Robert B.: *See*—
Beutel, Ralph H., and Currie. 2,860,135.
- Currie, Robert B., and R. H. Beutel, to Merck & Co., Inc. Preparation of aminothiazoles. 2,850,504, 9-2-58, Cl. 260-306.8.
- Currie, William E., to Minneapolis-Honeywell Regulator Co. Magnetic cathode ray tube sweep amplifier centering circuits. 2,836,763, 5-27-58, Cl. 315-24.
- Currie, William E., to Minneapolis-Honeywell Regulator Co. Saw tooth generators. 2,851,597, 9-9-58, Cl. 250-27.
- Currier, Arthur E., to Gladding, McBean & Co. Method for separating tile bodies in stuck relation. 2,829,419, 4-8-58, Cl. 25-156.
- Currier, Floyd C., Sr. Railway rail puller. 2,828,277, 6-10-58, Cl. 254-104.
- Currier, Vernon A.: *See*—
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- Currihan, John F. Integral cartons for the protection of fragile articles. 2,841,320, 7-1-58, Cl. 229-39.
- Currihan, John F., and W. C. Kerker, to Lynch Corp. Case loader. 2,838,896, 6-17-58, Cl. 53-166.
- Curry Electronics, Inc.: *See*—
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- Curry, John J., and R. Watson, to Fayette R. Plumb, Inc. Handle connection for percussive tool. 2,850,331, 9-2-58, Cl. 306-32.
- Curry, John L., to Phillips Petroleum Co. Back pressure valve. 2,848,053, 8-19-58, Cl. 166-224.
- Curry, Malcolm, to The American Thread Co. Spool boxing machines. 2,858,656, 11-4-58, Cl. 53-166.
- Curry, Paul. Electrical communication systems and method of transmitting energy. 2,852,606, 9-16-58, Cl. 179-15.
- Curry, Paul, to Curry Electronics, Inc. Loud speakers. 2,855,467, 10-7-58, Cl. 179-111.
- Curry, Robert S., Jr.: *See*—
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- Curry, Robert S., Jr., to Sperry Rand Corp. Autopilot servo-motor systems. 2,862,167, 11-25-58, Cl. 318-489.
- Curry, Thomas W. Nodular iron process of manufacture. 2,855,336, 10-7-58, Cl. 148-3.
- Curry, Virgil A., and W. C. Campbell. Mine roof bolt plate. 2,854,824, 10-7-58, Cl. 61-45.
- Curtenius, Frederick B. Bale handling apparatus. 2,825,395, 5-20-58, Cl. 214-130.
- Curtenius, Frederick B., to Rice Barton Corp. Paper trimmers with power ejecting means. 2,864,447, 12-16-58, Cl. 164-59.
- Curtin, Francis G. Ballcocks. 2,862,514, 12-2-58, Cl. 137-216.
- Curtin, John M., to Hansen-Lynn Co., Inc. Self-locking control device. 2,855,800, 10-14-58, Cl. 74-531.
- Curtin, Leo P. Bonding coats for metal. 2,846,342, 8-5-58, Cl. 148-6.16.
- Curtis, Charles E., to United States of America, Army. Anode structure for gas tubes. 2,857,542, 10-21-58, Cl. 313-199.
- Curtis, Charles L., to Curtis Corp. Machine tool. 2,838,962, 6-17-58, Cl. 77-3.
- Curtis Corp.: *See*—
Curtis, Charles L. 2,838,962.
- Curtis, Cyril D., R. L. Carlson, and M. P. Tubinis, to United States of America, Atomic Energy Commission. Neutron counter. 2,845,560, 7-29-58, Cl. 313-61.
- Curtis, Daniel L., to Hughes Aircraft Co. Passive element signal stepping device. 2,847,159, 8-12-58, Cl. 235-61.
- Curtis, Donald D. Waxer. 2,831,206, 4-22-58, Cl. 15-131.
- Curtis, Everett C., to Towmotor Corp. Torque converter and gear transmission drive. 2,861,480, 11-25-58, Cl. 74-732.
- Curtis, Everett C., J. T. Crawford, and D. W. Evans, to Towmotor Corp. Automatic slack adjuster for brake. 2,861,657, 11-25-58, Cl. 188-196.
- Curtis, Frank S. Railroad track crossing. 2,839,249, 6-17-58, Cl. 238-8.
- Curtis, Frank W., to Lexsuo, Inc. Fire retardant roof vapor barrier and securement means. 2,861,525, 11-25-58, Cl. 108-6.5.
- Curtis, Grover H.: *See*—
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- Curtis, Guy A. Overload cutout switch. 2,825,776, 3-4-58, Cl. 200-61.46.
- Curtis, John C.: *See*—
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- Curtis, John C., to Joy Mfg. Co. Chuck mechanism for a stopper rock drill. 2,821,963, 2-4-58, Cl. 121-32.
- Curtis Lighting, Inc.: *See*—
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- Curtis Mfg. Co.: *See*—
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- Curtis & Marble Machine Co.: *See*—
Gamble, Ralph S., and Remington. 2,836,133.
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- Curtis 1000, Inc.: *See*—
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- Curtis, Philip J.: *See*—
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- Curtis, Richard C., to Hazeltine Research, Inc. Self-correcting pulse-code-communication system. 2,862,054, 11-25-58, Cl. 178-23.
- Curtis, Roger C.: *See*—
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- Curtis, Russell E., to Sylvania Electric Products Inc. Socket tube shield and ground. 2,861,249, 11-18-58, Cl. 339-14.
- Curtis, Thomas E., and R. P. Bridges, to A. B. Chance Co. Sectionalizing switch. 2,849,554, 8-26-58, Cl. 200-48.
- Curtiss, John S., Jr. Method and apparatus for electroplating the interior surface of conductive material apertures. 2,859,157, 11-4-58, Cl. 204-26.
- Curtiss, Lawrence M., to The Thomas & Betts Co. Snap-on pigtail connector. 2,823,249, 2-11-58, Cl. 174-87.
- Curtiss, Lawrence M., to The Thomas & Betts Co. Self-insulated two-way butt connector. 2,832,816, 4-29-58, Cl. 174-84.
- Curtiss, Lawrence M., to The Thomas & Betts Co. Squeeze connector. 2,864,151, 12-16-58, Cl. 29-505.
- Curtiss-Wright Corp.: *See*—
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- Meeder, Edward A. 2,851,024.
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 Cusanza, George. Gauge for cut-off saws and dados. 2,838,078, 6-10-58, Cl. 143-174.
 Cusolea, Otwin, F. Grohs, K. Rösner, and W. Kühnelt, to Oesterreichisch-Alpine Montangesellschaft. Process for blowing pig iron to steel. 2,851,351, 9-9-58, Cl. 75-60.
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 Cushman, Clifford E., to Pacific Scientific Aeroproducts. Safety belt buckle. 2,862,268, 12-2-58, Cl. 24-75.
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 Cusic, John W., to G. D. Searle & Co. 9-aminoalkyl-9-xanthene-carboxamides. 2,838,509, 6-10-58, Cl. 260-247.2.
 Cusic, John W., and E. A. Brown, to G. D. Searle & Co. 2-halo-10-(N'-alkoxyalkyl-N' alkylaminoalkyl) phenothiazines and corresponding alkaryl derivatives. 2,832,775, 4-29-58, Cl. 260-243.
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 Custer, Byron K., Jr. Snow melting mat. 2,844,696, 7-22-58, Cl. 219-19.
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- Cutler, Albert E., to Communications Patents Ltd. Radar simulating apparatus. 2,841,886, 7-8-58, Cl. 35-10.4.
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- Cybulski, Stephen F. Built-up snap gauge. 2,837,828, 6-10-58, Cl. 33—168.
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- Cyphers, Worth A. Multiple pulsating assembly. 2,832,314, 4-29-58, Cl. 119—1438.
- Cypress Gardens Skis Inc.: *See—*
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- Rifkin, Charles, and Cyr. 2,845,353.
- Cyr, Howard M., to The New Jersey Zinc Co. Fluid bed roasting for separating and recovering Cd-Pb-Zn components. 2,855,287, 10-7-58, Cl. 75—9.
- Cyr, Howard M., and T. F. Steele, to The New Jersey Zinc Co. Method of fluid bed roasting. 2,855,288, 10-7-58, Cl. 75—9.
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- Czawlytko, Valentine A.: *See—*
- Swing, David J., and Czawlytko. 2,855,483.
- Czech, Friedrich W., to Diamond Alkali Co. Process of preparing finely divided iron including electrolysis, washing, wet grinding, and flotation of impurities. 2,824,052, 2-18-58, Cl. 204—10.
- Czerlinsky, Ernst: *See—*
- Everett, Elmer H., and Czerlinsky. 2,849,190.
- Czernik, Casimir: *See—*
- Wildner, Phelps, and Czernik. 2,838,333.
- Czerwin, Edwin P., to E. I. du Pont de Nemours and Co. Decolorization of polyvinyl alcohol. 2,844,563, 7-22-58, Cl. 260—45.9.
- Cziptschirsch, Kurt: *See—*
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- Czulak, Joseph, and L. A. Hammond, to Commonwealth Scientific and Industrial Research Organization. Cheese-curd fusing machine. 2,851,776, 9-16-58, Cl. 31—46.
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- Carlstedt, Ragnar L. 2,842,984.
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- D & R Mfg. Co.: *See—*
- Entwistle, Raymond R. 2,858,697.
- D. S. Plugs Ltd.: *See—*
- Chandler, John, and J. W. 2,839,724.
- D-X Sunray Oil Co.: *See—*
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- Daché, Lilly, to General Beauty Products, Inc. Powder blending device. 2,820,619, 1-21-58, Cl. 259—107.
- Dacus, Edward N.: *See—*
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- Dacus, Edward N., to Bill Jack Scientific Instrument Co. Method and means for suspension of a rotatable object in space. 2,856,238, 10-14-58, Cl. 308—10.
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- Daddario, Francis E. Pumping unit. 2,841,088, 7-1-58, Cl. 103—113.
- D'Addieco, Alfred A., to E. I. du Pont de Nemours and Co. Ascorbic acid intermediates. 2,847,421, 8-12-58, Cl. 260—340.7.
- Dade Disinfecting Co., Inc.: *See—*
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- Dade Reagents, Inc.: *See—*
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- Griffitts, James J. 2,856,932.
- Dadson, Thomas E., to American Motors Corp. Range. 2,820,130, 1-14-58, Cl. 219—20.
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- Daehler, Robert F.: *See—*
- Fennema, Richard, Carr, Hansen, and Daehler. 2,831,500.
- Daffin, Douglas E.: *See—*
- McGowen, Harold E., Jr., and Daffin. 2,854,929.
- Daffin, Douglas E., and H. E. McGowen, Jr., to Sid W. Richardson, Inc. Landing nipple for well tubing. 2,846,014, 8-5-58, Cl. 166—102.
- Daggett, Frederick K., to The Flexible Tubing Corp. Flexible tubing. 2,858,854, 11-4-58, Cl. 138—56.
- Daguer, Pierre, to Societe Nouvelle de l'Outillage R. B. V. et de La Radio-Industrie. Filtering network. 2,854,641, 9-30-58, Cl. 333—70.
- Dahe, Joseph, to Celanese Corp. of America. Process of purification of polyvinyl acetals. 2,859,207, 11-4-58, Cl. 260—73.
- Daher, Ernest: *See—*
- Shanhouse, William M., Daher, and Stopp. 2,864,177.
- Dahl, Einar S., to Borg-Warner Corp. Fuel injector mechanism. 2,851,025, 9-9-58, Cl. 123—140.
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- Dahl, Groot H. Cross-cutting device. 2,846,824, 8-12-58, Cl. 51—98.
- Dahl, James P. Collapsible enclosure. 2,820,256, 1-21-58, Cl. 20—2.
- Dahl, Philip J. Hose clamp. 2,835,954, 5-27-58, Cl. 24—279.
- Dahl, Robert B.: *See—*
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- Rimsa, Victor E., and Dahl. 2,830,743.
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- Dahl, Sven G. A. Combined tongue-holder and saliva-ejector. 2,830,371, 4-15-58, Cl. 32—33.
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- Dahlender, Noel L., Sr., 1/2 to R. J. Earl. Spacing disks for Jacob's ladders. 2,834,529, 5-13-58, Cl. 228—40.
- Dahlender, Noel L., Sr. Combination ladder and outboard motor carrying hand cart. 2,843,393, 7-15-58, Cl. 280—47.18.
- Dahlbeck, Sven W.: *See—*
- Pilo, Claes W., and Dahlbeck. 2,838,135.
- Dahlberg, Jonas F. Gun sights. 2,819,528, 1-14-58, Cl. 33—59.
- Dahlberg, Jonas F. Mounting for gun sights. 2,830,373, 4-15-58, Cl. 33—50.
- Dahlberg, Leroy E., to Croname, Inc. Embossing rolls. 2,831,428, 4-22-58, Cl. 101—375.
- Dahlberg, Tord O. R. Measuring and recording devices. 2,834,114, 5-13-58, Cl. 33—148.
- Dahle, Donald E., to Wood Conversion Co. Foam cushion. 2,836,228, 5-27-58, Cl. 155—179.
- Dahlerup, La Roy. Forage cutter knife holder. 2,830,413, 4-15-58, Cl. 51—231.
- Dahlgren, John A., to General Electric Co. Refrigerator compartment shelf and guard assembly. 2,828,178, 3-25-58, Cl. 312—319.
- Dahlgren, John V. S., to The Wilcolator Co. Electric switch mechanism. 2,859,312, 11-4-58, Cl. 200—164.
- Dahlgren, Roy E. Fishing sinker. 2,841,911, 7-8-58, Cl. 43—43.12.
- Dahlgren, Sven A. B., to Aktiebolaget Separator. Method and apparatus for centrifugal separation of a mixture of solids and two liquids. 2,862,658, 12-2-58, Cl. 233—7.
- Dahlgren, Victor F.: *See—*
- Tally, Sidney K., and Dahlgren. 2,835,962.
- Dahlin, Robert D., to Benchcraft, Inc. Shelving construction. 2,825,470, 3-4-58, Cl. 211—136.
- Dahlinghaus, Frank J. Grain drill with laterally swinging furrow opener. 2,833,231, 5-6-58, Cl. 111—14.
- Dahlman, Per O., to North Electric Co. Automatic telephone system. 2,837,603, 6-3-58, Cl. 179—18.
- Dahlstrom, Donald A., to Dorr-Oliver Inc. Process and apparatus for classifying solid materials in a hydrocyclone. 2,829,771, 4-8-58, Cl. 209—211.
- Dahlstrom, Donald A., and C. E. Silverblatt, to Eimco Corp., The. Pressure filtration method and apparatus. 2,851,161, 9-9-58, Cl. 210—66.
- Dahlstrom, Gottfried O. A. Device for removing foreign bodies from between twin tires. 2,823,928, 2-18-58, Cl. 280—158.
- Dahlstrom, Ivar B.: *See—*
- Stanfield, Harry E., and Dahlstrom. 2,866,428.
- Dahlstrom Machine Works, Inc.: *See—*
- Stanfield, Harry E., and Dahlstrom. 2,866,428.
- Dahm, George P.: *See—*
- Barnes, Homer C., Jr., and Dahm. 2,834,668.
- Dahm, John W., to Acme Steel Co. Tank construction and expansion joint therefor. 2,858,038, 10-28-58, Cl. 220—5.
- Dahmen, Rudolf: *See—*
- Hempel, Herbert, Quaedvlieg, Hintzmann, and Dahmen. 2,832,795.
- Daidone, Philip C.: *See—*
- Naughton, Frank C., and Daidone. 2,851,491.
- Naughton, Frank C., and Daidone. 2,851,492.
- Dalfores, Theodore S. Automatic food dispensing apparatus for drive-in eating establishments. 2,827,130, 3-18-58, Cl. 186—1.
- Daigle, Leo T., to Dearborn Fabricating & Engineering Co. Conveyor cable elements and method of manufacture. 2,845,701, 8-5-58, Cl. 29—516.
- Dailey, Hampton J., deceased: R. M. Dailey, executrix, to Westinghouse Electric Corp. Low inductance cathode and tube structure. 2,828,437, 3-25-58, Cl. 313—249.

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- Dailey, Joseph J., and C. G. A. Rosen, to J. Altorfer. Internal combustion engine. 2,833,264, 5-6-58, Cl. 123-191.
- Dailey, Joseph J., and J. E. Fox. Article of manufacture. 2,833,603, 5-6-58, Cl. 309-14.
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- Dailey, Ruth M.: See—
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- Dailey, William H., Jr.: See—
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- Dailey, William H., Jr., to Surface Combustion Corp. Burner apparatus. 2,861,629, 11-25-58, Cl. 158-109.
- Dailey, William H., Jr., and J. W. Carter, to Surface Combustion Corp. Apparatus for analyzing gas. 2,829,954, 4-8-58, Cl. 23-255.
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- Daily, Arthur M.: See—
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- Dalno, Peter W., and C. B. Stott, to International Business Machines Corp. Accumulator carry means. 2,834,544, 5-13-58, Cl. 235-61.6.
- Daisy Mfg. Co.: See—
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- Dake, Robert E.: See—
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- Dale, Clark H., to Standard Oil Co. Ethylene polymerization. 2,820,779, 1-21-58, Cl. 260-94.9.
- Dale, Colin B., to Webcor, Inc. Tape recorders. 2,821,575, 1-28-58, Cl. 179-100.2.
- Dale, Colin B., to Webcor, Inc. Pocket tape recorder. 2,866,010, 12-23-58, Cl. 179-100.2.
- Dale, Colin B., P. K. Bridenbaugh, and R. C. Bierman, to Webcor, Inc. Magnetic tape recorder. 2,864,894, 12-16-58, Cl. 179-100.2.
- Dale, Jack K.: See—
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- Dale, Jack K., and S. L. Ross, to The Upjohn Co. Therapeutic suspensions of steroids containing PVP and/or PVA. 2,861,920, 11-25-58, Cl. 167-65.
- Dale, Joseph J. Adjustable leash. 2,861,547, 11-25-58, Cl. 119-109.
- Dale, Kenneth R.: See—
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- Dale, Orland O., and V. D. Hanes, to B J Service Inc. Well packer. 2,854,080, 9-30-58, Cl. 166-140.
- Dale, Paul D., and W. S. Ferris, to Eastman Kodak Co. Photographic printing apparatus. 2,827,826, 3-25-58, Cl. 88-24.
- Dale Products, Inc.: See—
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- Dale, Walter F., and H. G. Anderson, to J. J. Casey. Tap for liquids. 2,830,787, 4-15-58, Cl. 251-214.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Polymers of N-(amino-1,2,4-triazolyl) amides of alkenyl-1,2-dioic acids. 2,825,715, 3-4-58, Cl. 260-78.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Polymers and copolymers of N-(amino-1,2,4-triazolyl) imides of alkyl-1,2-dioic acids. 2,825,716, 3-4-58, Cl. 260-78.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Chloroalkyl allyl ethers and polymers thereof. 2,827,442, 3-18-58, Cl. 260-47.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Production of low molecular weight polymer with sulfonic acid-containing polymer as catalyst. 2,834,819, 5-13-58, Cl. 260-669.
- D'Alelio, Gaetano F., to Koppers Co., Inc. N-(amino-1,2,4-triazolyl) itaconamides and polymers thereof. 2,834,757, 5-13-58, Cl. 260-78.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Polymeric alkenyl-aryloxyacetic acid. 2,850,465, 9-2-58, Cl. 260-2.5.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Polymeric allyl-aryloxyacetic acids. 2,850,466, 9-2-58, Cl. 260-2.5.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Hydroxyalkyl alkenylaryl ethers and polymers thereof. 2,850,480, 9-2-58, Cl. 260-47.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Dihydroxyalkyl alkenylaryl ethers and polymers thereof. 2,850,481, 9-2-58, Cl. 260-47.
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- D'Alelio, Gaetano F., to Koppers Co., Inc. Polymers and copolymers of N-pyrimidyl amides of alkene-1,2-dioic acids. 2,850,484, 9-2-58, Cl. 260-78.
- D'Alelio, Gaetano F., to Koppers Co., Inc. Polymeric triazole compositions useful as cold drawn fibers or shaped articles. 2,850,485, 9-2-58, Cl. 260-80.5.
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- D'Alessandro, Alfred F., to Allied Chemical & Dye Corp. Production of cyanopyridines. 2,861,999, 11-25-58, Cl. 260-294.9.
- Daley, Carl R., to Farrington Mfg. Co. Hand operated snapping toy. 2,819,559, 1-14-58, Cl. 46-123.
- Daley, Evelyn P. Diaper. 2,861,573, 11-25-58, Cl. 128-284.
- Daley, George F., Jr.: See—
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- Daley, George F., and H. C. Weller, to Surface Combustion Corp. Continuous circulating atmosphere glass furnace. 2,856,174, 10-14-58, Cl. 263-19.
- Daley, Harold J.: See—
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- Daley, Horace S., to Specialties Development Corp. System for hydrostatically testing containers. 2,821,851, 2-4-58, Cl. 73-37.
- Daley, Horace S., to Specialties Development Corp. Yarn treating process and apparatus. 2,848,354, 8-19-58, Cl. 117-102.
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- Daley, John L. S., and D. B. Cameron, to Union Carbide Corp. Primary galvanic battery and method of making same. 2,820,081, 1-14-58, Cl. 136-111.
- Daley, Joseph A., Jr., and W. R. Slivka. Combustible gas detector. 2,825,226, 3-4-58, Cl. 73-190.
- Daley, Robert E. Ingot mold hot top. 2,835,943, 5-27-58, Cl. 22-147.
- Daley, Roger J., to Bowser, Inc. Sequence control system for multiple electrically operated dispensing units. 2,849,155, 8-26-58, Cl. 222-76.
- Dalglish, James W., and G. Roman, to Pye Ltd. Electrical control device. 2,842,645, 7-8-58, Cl. 201-48.

- Dalglish, John E., and C. G. Richter. Method of making dies. 2,838,961, 6-17-58, Cl. 76—107.
- Dalglish, Herbert F. Remote control telemetering unit. 2,839,737, 6-17-58, Cl. 340—150.
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- Dalín, David, to A/B Svenska Maskinverken. Combined hot air furnace and domestic water heater. 2,822,136, 2-4-58, Cl. 237—17.
- Da-Lite Screen, Inc.: *See*—
- Prokop, Frank J. 2,845,244.
- Rusch, Edward F. 2,821,883.
- Du Mais, Leo J. 2,864,577.
- Dall, Horace E., to George Kent Ltd. Pressure differential producing device. 2,842,962, 7-15-58, Cl. 73—211.
- Dallas, Edgar R. Luggage for carrying apparel without folding. 2,841,257, 7-1-58, Cl. 190—41.
- Dallas Iron and Wire Works, Inc.: *See*—
- Dallavis, Albert A.: *See*—
- Endicott, Clarence J., Prickett, and Dallavis. 2,820,741.
- Dallett, William M. Forming apparatus with pivoted bending arms actuated by flexible members. 2,843,177, 7-15-58, Cl. 153—045.
- Dallinga, Geert: *See*—
- Van der Waals, Joan H., and Dallinga. 2,842,604.
- Dall'Ollo, Vittorio. Controlled torque coupling for conveying rotary motion. 2,848,883, 8-26-58, Cl. 64—29.
- Dallow, Lambert & Co. Ltd.: *See*—
- Swift, Peter. 2,853,152.
- Dally, Roy, to General Electric Co. Phonograph stylus assembly. 2,820,853, 1-21-58, Cl. 179—100.41.
- Dalman, Gisli C., to Sperry Rand Corp. High frequency klystron tube construction. 2,837,685, 6-3-58, Cl. 315—5.22.
- Dalman, Gisli C., to Sperry Rand Corp. Microwave klystron construction. 2,861,213, 11-18-58, Cl. 315—5.22.
- Dalman, Cecilio M., 10% to J. L. Henderson, and 45% to F. Herrera. Method and apparatus for purifying raw distilled spirit. 2,863,773, 12-9-58, Cl. 99—48.
- Dalmine S. P. A.: *See*—
- Montagna, Carlo. 2,853,286.
- Montagna, Carlo. 2,865,628.
- Rimoldini, Andrea. 2,845,754.
- Dalpiaz, Albert J. Clamp. 2,863,203, 12-9-58, Cl. 24—279.
- Dalrymple, Philip W., and J. P. Hunsaker, to Southworth Machine Co. Paper lift. 2,862,689, 12-2-58, Cl. 254—8.
- Dalton, Benjamin S., to Dorr-Oliver Inc. Apparatus for contacting solids with gases. 2,841,476, 7-1-58, Cl. 23—284.
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- Dalton, Noel L. Method of lining a bearing shell. 2,833,667, 5-6-58, Cl. 117—50.
- Dalton, Raymond N.: *See*—
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- Dalton, Richard L., and F. B. Hauserman, to E. I. du Pont de Nemours & Co. Basic hydrous chromia and basic werner compositions and process of applying same to glass fiber. 2,825,059, 3-4-58, Cl. 117—126.
- Dalton, Robert L., to Galex, Inc. Viewfinder for photographic cameras. 2,851,749, 10-7-58, Cl. 33—64.
- Lindman, Philip C. 2,857,027.
- Dalton, Thomas B., to West Michigan Steel Foundry Co. Upper fifth wheel with plural adapters for removable king pin. 2,838,324, 6-10-58, Cl. 280—407.
- Dalton, William L. Knockdown shipping container. 2,864,524, 12-16-58, Cl. 217—12.
- Daly, Carl C.: *See*—
- Davenport, Clarence A., and Daly. 2,852,697.
- Daly, Francis I., Jr.: *See*—
- Jovanovich, Drago K. 2,856,788.
- Daly, Francis V.: *See*—
- Jones, Samuel O., and Daly. 2,856,510.
- Daly, James E.: *See*—
- Starr, Carrol D., and Daly. 2,850,383.
- Starr, Carrol D., and Daly. 2,850,384.
- Daly, James U., to Robertshaw-Fulton Controls Co. Temperature responsive device. 2,846,884, 8-12-58, Cl. 73—362.4.
- Daly, John L., G. B. Hall, and H. W. Taylor, to United States Steel Corp. Apparatus for applying covers to cartons. 2,850,858, 9-9-58, Cl. 53—306.
- Daly, Thomas A.: *See*—
- Hess, Edward R., and Daly. 2,853,038.
- Daly, Webster J. X-ray fluoroscopic device. 2,831,123, 4-15-58, Cl. 250—91.
- Dalzell, Clarence W., to Bendix Aviation Corp. Timing mechanism. 2,860,702, 11-18-58, Cl. 161—1.
- Dalzell, Frederick W.: *See*—
- Oliveau, John V., and Dalzell. 2,849,019.
- Damag, Zug G. m. b. H.: *See*—
- Grote, Hugo. 2,850,124.
- Daman, Ernest L., to Foster Wheeler Corp. Vapor generator. 2,854,961, 10-7-58, Cl. 122—476.
- Dame, Chester F. Rotor-type flying device. 2,835,073, 5-20-58, Cl. 46—76.
- Dameron, John P., and W. B. Coleman, Jr. Barge for liquid and/or dry cargo. 2,845,890, 8-5-58, Cl. 114—73.
- Damgaard, Lauritz G.: *See*—
- Knuth-Winterfeldt, Eggert C. F., and Damgaard. 2,848,410.
- D'Amico, Anthony F., to The Singer Mfg. Co. Zigzag sewing machines. 2,833,233, Cl. 112—158.
- D'Amico, Anthony F., to The Singer Mfg. Co. Needle vibration controlling mechanism for zigzag sewing machines. 2,858,782, 11-4-58, Cl. 112—158.
- D'Amico, John J.: *See*—
- Harman, Marion W., and D'Amico. 2,847,419.
- Harman, Marion W., and D'Amico. 2,854,467.
- D'Amico, John J., to Monsanto Chemical Co. 5-acyl-2-thiazolesulfenamides. 2,841,583, 7-1-58, Cl. 260—247.1.
- D'Amico, John J., to Monsanto Chemical Co. Chloro-dienyl xanthates. 2,865,941, 12-23-58, Cl. 260—455.
- D'Amico, John J., and C. C. Tung, to Monsanto Chemical Co. Production of nitrosophenylaminoacid esters. 2,852,553, 9-16-58, Cl. 260—471.
- D'Amico, John J., and M. W. Harman, to Monsanto Chemical Co. 1,4-bis(2-benzothiazolylthiomethyl)-2,5-dimethylpiperazines. 2,853,488, 9-23-58, Cl. 260—268.
- D'Amico, Salvatore J., E. J. Molitoris, and E. F. Hosey. Heater assembly for salvaging heat lost with products of combustion. 2,823,026, 2-11-58, Cl. 263—20.
- Damijonaitis, Kestutis, to The Stanley Works. Saw blade guard for power driven portable circular saw with tiltable table. 2,828,784, 4-1-58, Cl. 143—159.
- Damm, Carl A.: *See*—
- Mazeffa, George M., and Damm. 2,845,794.
- Dammert, Earl D.: *See*—
- Adair, Robert V., Carlsen, and Dammert. 2,834,592.
- Adair, Robert V., and Dammert. 2,860,077.
- Clareq, Richard J., Jr., Dammert, Ernst, and Van Beers. 2,848,363.
- Dammkoehler, Arthur R.: *See*—
- Kotz, Raymond W., Dammkoehler, and Belke. 2,841,547.
- Damon, Neil F., to Raytheon Mfg. Co. Knob locking devices. 2,833,158, 5-6-58, Cl. 74—504.
- Damon, Neil F., to Raytheon Mfg. Co. Shaft locks and seals. 2,854,099, 9-30-58, Cl. 188—83.
- Damond, Emile. Rotatable vibration generators. 2,851,889, 9-16-58, Cl. 74—87.
- Dams, Jozephus F.: *See*—
- Duran, Johannes C., Dams, and Moubis. 2,860,275.
- Dana Corp.: *See*—
- De Coursey, Everson M. 2,826,902.
- Lewis, Robert P. 2,862,458.
- Thelander, W. Vincent. 2,853,862.
- Dana, Homer: *See*—
- Kreager, Frank O., and Dana. 2,834,681.
- Dana, Paul M.: *See*—
- Coats, George M., Loeser, and Dana. 2,857,319.
- Dances, Edward W. Drapery support. 2,821,763, 2-4-58, Cl. 24—86.
- Daneiger, Jack: *See*—
- Harrison, Taylor H. 2,842,465.
- Dancik, Paul J., to Vertol Aircraft Corp. Control system for tandem helicopter. 2,860,711, 11-18-58, Cl. 170—135.22.
- Dancy, William B.: *See*—
- Stanley, William N., Jr., and Dancy. 2,862,788.
- Dand, Nicholas W.: *See*—
- DiCecio, Salvatore A., Dand, and Pappadopoulos. 2,838,935.
- D'Andrea, John B.: *See*—
- Heuver, Herbert M., and D'Andrea. 2,838,240.
- D'Andreano, Lewis D.: *See*—
- Jorgensen, Otto C., D'Andreano, and Brune. 2,857,517.
- Dane, Ernest B., Jr.: *See*—
- Bemis, Alan C., Buck, and Dane. 2,826,703.
- Danell, John T. Retaining support for flexible thin-sheet materials. 2,837,804, 6-10-58, Cl. 24—84.
- Danen, Robert W. Flexible stair tread gauge. 2,852,854, 9-23-58, Cl. 33—176.
- Daner, Samuel J. Combined mixing and pouring can guard. 2,837,256, 6-3-58, Cl. 222—568.
- Danford, Vance P., to The Sierracin Corp. Electrically conductive optical article. 2,864,928, 12-16-58, Cl. 219—19.
- Danforth Anchors: *See*—
- Ogg, Robert D. 2,840,029.
- Danfoss ved ingeniør Mads Clausen: *See*—
- Portland, Kjeld. 2,857,106.
- D'Angelo, Joseph, to Western Electric Co., Inc. Methods of interconnecting rotatable parts. 2,829,411, 4-8-58, Cl. 22—203.
- D'Angelo, Joseph. Gear. 2,862,400, 12-2-58, Cl. 74—460.
- D'Angelo, Joseph, and J. Di Nunzio, to Roto Bag Machine Corp. Perforating apparatus. 2,850,093, 9-2-58, Cl. 164—94.
- Danias, Spiro G. Water level indicator for automobile radiators. 2,840,034, 6-24-58, Cl. 116—118.
- Daniel, David M., to E. Roe, d. b. a. Coast Wire Co. Gripper for wire tying machine. 2,834,382, 5-13-58, Cl. 140—93.6.
- Daniel, David W., to National Broach & Machine Co. Method of making a gear finishing tool. 2,856,637, 10-21-58, Cl. 18—47.5.
- Daniel, David W., to National Broach & Machine Co. Method of crown finishing the teeth of internal gears. 2,864,282, 12-16-58, Cl. 90—1.6.
- Daniel, James A. Repeating spear gun. 2,837,078, 6-3-58, Cl. 124—27.

- Daniel, John H., Jr., to American Cyanamid Co. Aqueous dispersions of a copolymer of an ethylenically unsaturated monomer containing a primary hydroxy group and a thermosetting resin forming reaction product. 2,819,237, 1-7-58, Cl. 260-29.4.
- Daniel, John N., R. M. McGregor, and J. H. Viccellio. Method for measuring surface areas. 2,851,881, 9-16-58, Cl. 73-149.
- Daniel, Karl. Combined apparatus for the reproduction of sound and simultaneous projection of pictures. 2,853,923, 9-30-58, Cl. 88-28.
- Daniel Orifice Fitting Co.: *See—*
Whalen, John W. 2,860,901.
- Daniel, Richard L., to Daisy Mfg. Co. Popgun construction. 2,831,475, 4-22-58, Cl. 124-14.
- Daniel, Richard M., to Houdry Process Corp. Gas lift operation. 2,862,470, 12-2-58, Cl. 302-17.
- Daniel, Stewart W.: *See—*
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- Daniel, Walter: *See—*
Fikentscher, Hans, Siebel, Daniel, and Rieder. 2,835,657.
- Daniels, Arnold J. Attachment for portable power tool. 2,831,376, 4-22-58, Cl. 77-7.
- Daniels, Charles J., and D. B. Doolittle, to All American Engineering Co. Weight actuated arresting cable control means for aircraft. 2,844,340, 7-22-58, Cl. 244-110.
- Daniels, Charles J., and E. H. Haber to All American Engineering Co. Pop-up means for an aircraft arresting cable. 2,846,166, 8-5-58, Cl. 244-110.
- Daniels, Charles J. and J. W.: said J. W. Daniels assor. to Standard Coil Products Co. Inc. Electrical component and method of making. 2,854,644, 9-30-58, Cl. 333-82.
- Daniels, Plavius K.: *See—*
Kirby, Wilfred, and Daniels. 2,818,789.
- Daniels, Fred B., to the United States of America as represented by the Secretary of War. Flash-to-sound recording system. 2,823,974, 2-18-58, Cl. 346-34.
- Daniels, Howard L.: *See—*
Kline, Frank W., Jr., and Daniels. 2,864,988.
- Daniels, Howard L., and W. L. Anderson, to United States of America, Navy. Cross-Wired wheel. 2,860,314, 11-11-58, Cl. 339-19.
- Daniels, James W., to Shal-O-Draft Boats, Inc. Swingable boat propulsion and steering unit. Re. 24,451, 4-8-58, Cl. 115-41.
- Daniels, Jesse C.: *See—*
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- Daniels, John W.: *See—*
Daniels, Charles J. and J. W. 2,854,644.
- Daniels, John W., and I. R. V. Taegtstrom; said Taegtstrom now by change of name Ralph Textrom, to Hoffman Electronics Corp. Locking switch and relief valve for compact radio equipment. 2,835,793, 5-20-58, Cl. 250-16.
- Daniels, Joseph: *See—*
Totzek, Friedrich, and Daniels. 2,865,820.
- Daniels, Lee G. Multiple port valve arranged for multiple rinse rates. 2,822,000, 2-4-58, Cl. 137-630.15.
- Daniels, Ludlow S., Hydrocarbon Research, Inc. Moving bed reactor. 2,838,381, 6-10-58, Cl. 23-288.
- Daniels, Richard C., to Garfield Engineering, Inc. Arrangement for warehousing merchandise. 2,832,297, 4-29-58, Cl. 104-91.
- Daniels, Richard W.: *See—*
Brennan, John W., and Daniels. 2,822,730.
- Daniels, Wilbert P., to Green Bay Box Co. Telescopic shipping carton. 2,836,338, 5-27-58, Cl. 229-14.
- Danielson, Gunnar H.: *See—*
Lagaard, Alexander S. T. 2,823,921.
- Danielson Mfg. Co., The: *See—*
Holt, John E. 2,836,851.
- Danielson, Nepht. Power tool table. 2,857,944, 10-28-58, Cl. 144-1.
- Danielson, Paul F., to All-Power Mfg. Co. Handle structures for valves and the like. 2,838,270, 6-10-58, Cl. 251-110.
- Danielsson, Paul, to Arenco Aktiebolag. Fish eviscerating machine. 2,846,716, 8-12-58, Cl. 17-3.
- Danflow, Eugene. Layout gauge. 2,860,415, 11-18-58, Cl. 33-1.
- Danjezek, William E., to L. & C. Hardtmuth, Inc. Lead dispensers. 2,852,160, 9-16-58, Cl. 221-199.
- Danko, Michael, 1/2 to J. E. Wade. Storage and dispensing receptacle for rolled paper. 2,840,319, 6-24-58, Cl. 242-55.3.
- Danly, James C., T. F. Novak, and V. Georgeff, to Danly Machine Specialties, Inc. Hydraulically clamped stock feed assembly for power presses. 2,849,230, 8-26-58, Cl. 271-2.4.
- Danly Machine Specialties, Inc.: *See—*
Danly, James C., Novak, and Georgeff. 2,849,230.
Danly, Philo H., and Georgeff. 2,825,560.
Heiberger, Francis E. 2,859,355.
Novinger, Cecil E., and Novak. 2,864,087.
- Danly, Philo H., and V. Georgeff, to Danly Machine Specialties, Inc. Grip feed. 2,825,560, 3-4-58, Cl. 271-2.5.
- Dann, John R.: *See—*
Illingsworth, Bernard D., Dann, and Gates. 2,852,382.
Gates, John W., Jr., Dann, and Illingsworth. 2,856,371.
- Dann, John R., B. D. Illingsworth and J. W. Gates, Jr., to Eastman Kodak Co. Water-dispersible protein polymer compositions and silver halide emulsions containing same. 2,831,767, 4-22-58, Cl. 96-114.
- Dann, John R., G. L. Oliver, and J. W. Gates, Jr., to Eastman Kodak Co. Stabilization of photographic silver halide emulsions and means of increasing contrast. 2,860,985, 11-18-58, Cl. 96-109.
- Dann, Morris, and J. J. Peterson, to American Home Products Corp. Adjustable syringe. 2,830,586, 4-15-58, Cl. 128-218.
- Dann, Morris, and J. J. Peterson, to American Home Products Corp. Syringe push rod. 2,832,340, 4-29-58, Cl. 128-218.
- Dann, Morris, and J. J. Peterson, to American Home Products Corp. Blood telltale syringe. 2,840,075, 6-24-58, Cl. 128-218.
- Dann, Otto. Preparation of benzopyrans and benzofurans. 2,855,406, 10-7-58, Cl. 260-346.2.
- Dannels, Bobby F.: *See—*
Thomas, Robert M., and Dannels. 2,858,345.
- Dannenbergh, Kurt, to I-T-E Circuit Breaker Co. Electric fuses. 2,859,308, 11-4-58, Cl. 200-131.
- Dannenbergh, Robert E., and J. A. Weiberg, to United States of America, Navy. Airfoils, variable permeability material and method of fabrication thereof. 2,843,341, 7-15-58, Cl. 244-42.
- Danner, George A., Jr.: *See—*
Polack, Joseph A., Swabb, and Danner. 2,864,764.
- Danner, George W., to Electronic Secretary Industries, Inc. Party line telephone answering actuator. 2,861,127, 11-18-58, Cl. 179-6.
- Dan River Mills, Inc.: *See—*
Chase, Harold M., and Corpening. 2,825,724.
Wayland, Rosser L., Jr. 2,825,732.
- Danser, Dallas D., to General Motors Corp. Hinging arrangement. 2,840,847, 7-1-58, Cl. 16-128.1.
- Dansereau, Charles E., to Elgin National Watch Co. Bracelet linkage with detachable pivotal connection. 2,825,201, 3-4-58, Cl. 59-79.
- Dansereau, Lionel O., to Long Island Shower Door Co., Inc. Shower enclosure. 2,856,040, 10-14-58, Cl. 189-46.
- Danta, Robert C., to Hoffman Electronics Corp. Bi-directional mechanical limit stop system or the like. 2,844,038, 7-22-58, Cl. 74-10.2.
- D'Antini, Pasquale I. Safety steering wheel with inflatable cushion for vehicles. 2,842,372, 7-8-58, Cl. 280-29.
- Dantzie, Morris. Lens blocking apparatus. 2,859,568, 11-11-58, Cl. 51-216.
- Danulat, Dieter: *See—*
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- Danulat, Friedrich: *See—*
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- Danulat, Hans F.: *See—*
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- Danulat, Hedwig G.: *See—*
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Rudolph, Paul, and Danulat. 2,834,665.
- Danulat, Ilse: *See—*
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- Danville Products Co., Inc.: *See—*
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- Dany, Elmer W., to Ferro Corp. Furnace slot seal. 2,819,889, 1-14-58, Cl. 263-8.
- Danz, Willi: *See—*
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- Danziger, William, and H. Roth, to Continental Vending Machine Corp. Vending selector button. 2,853,585, 9-23-58, Cl. 200-172.
- Danzig, Morris J.: *See—*
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- Danzker, Leo, to Olin Mathieson Chemical Corp. Processing of benzene hexachloride alcoholic solutions. 2,849,498, 8-26-58, Cl. 260-648.
- Dapelo, Aldo. Fault detecting cable sheath. 2,838,594, 6-10-58, Cl. 174-115.
- D'Aquin, Esler L., H. L. E. Dix, A. V. Graci, Jr., E. A. Gastrock, and J. J. Spadaro, to United States of America, Agriculture. Double soak filtration-extraction of vegetable oil-bearing materials. 2,857,411, 10-21-58, Cl. 260-412.4.
- Darandik, Wilhelm. Circular linking machine. 2,862,464, 12-2-58, Cl. 112-25.
- Darasko, Edward. Pipe joint aligner and wiper. 2,853,773, 9-30-58, Cl. 29-287.
- Darby, Hermond O. Wheel weights for tractors. 2,859,065, 11-4-58, Cl. 301-41.
- Darby, John J.: *See—*
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- D'Arcy, Ellis W. and G. F. Krtous, to De Vry Corp. Sound head unit of a motion picture projecting and sound reproducing apparatus. 2,836,423, 5-27-58, Cl. 274-4.
- Dardelet, Robert L. Gas pumps and compressors of the liquid ring type. 2,861,736, 11-25-58, Cl. 230-79.
- Darden, Donald F., to The American Welding & Mfg. Co. Unit process of sizing and flattening metal rings. 2,828,538, 4-1-58, Cl. 29-53.4.
- Darden, William M.: *See—*
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- Dardick Corp.: *See*—
 Dardick, David. 2,831,401.
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- Dardick, David, to Dardick Corp. Breech mechanisms for open-chamber guns. 2,831,401, 4-22-58, Cl. 89-17.
- Dardick, David, to Dardick Corp. Pre-stressed open-chamber gun, with rotatable cylinder. 2,847,784, 8-19-58, Cl. 42-39.5.
- Dardick, David, to Dardick Corp. Open chamber gun. 2,865,126, 12-23-58, Cl. 42-60.
- Dargue, Eric L. Drawing apparatus. 2,832,144, 4-29-58, Cl. 33-102.
- Daria, James V. Adjustable bridge for stringed musical instruments. 2,846,915, 8-12-58, Cl. 84-307.
- Darin, John K., and E. M. Sutphin, to Gulf Research & Development Co. Petroleum pitch fertilizer and process for its preparation. 2,829,040, 4-1-58, Cl. 71-25.
- Darkenwald, George A. Net carrying case. 2,818,670, 1-7-58, Cl. 43-11.
- Darkis, Frederick R.: *See*—
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- Darling, Horace E., to The Foxboro Co. Servo system measuring apparatus. 2,830,242, 4-8-58, Cl. 318-22.
- Darling, L. B., Co., Inc.: *See*—
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- Darling, Samuel M., to The Standard Oil Co. Lubricating oil. 2,842,498, 7-8-58, Cl. 252-51.5.
- Darling, Samuel M., to The Standard Oil Co. Gasoline fuel compositions. 2,844,447, 7-22-58, Cl. 44-69.
- Darling, Samuel M., and C. Liao, to The Standard Oil Co. Lubricating oil additive. 2,841,553, 7-1-58, Cl. 252-32.7.
- Darlington Fabrics Corp.: *See*—
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- Darlington, Robert F. Floor waxer. 2,856,623, 10-21-58, Cl. 118-124.
- Darman, Joseph: *See*—
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- Darmara, Fahil N.: *See*—
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- Darmstadt, John J. Bathtub cover. 2,853,714, 9-30-58, Cl. 4-173.
- Darmstadt, Louis J., to The American Thermos Products Co. Closure for vacuum-insulated containers. 2,830,722, 4-15-58, Cl. 215-13.
- Darnell, George, W. Davis, and S. D. Yarn, to Lirita Corp. Paint spray masking device. 2,840,039, 6-24-58, Cl. 118-505.
- Darnell, Rex C., to Michigan Wire Cloth Co. Fuel filter. 2,858,941, 11-4-58, Cl. 210-295.
- Darr, Harold W. Name plate for storage batteries. 2,847,775, 8-19-58, Cl. 40-2.2.
- Darrab, Lawrence B., to Cornell Research Foundation, Inc. Method of processing eggs and product obtained thereby. 2,858,224, 10-28-58, Cl. 99-161.
- Darrab, Richard C. Accessory compartment for lunch box. 2,858,957, 11-4-58, Cl. 220-23.4.
- Darrell, George H. Plug locking and protecting device. 2,844,805, 7-22-58, Cl. 339-37.
- Darrin, John W.: *See*—
 Woodman, Charles K., and Darrin. 2,835,043.
- Darrouzet, John L., to Texas Instruments Inc. Parabolic reflector with a structural member front skin. 2,842,767, 7-8-58, Cl. 343-781.
- Darrow, Edley. Wall cleaning device. 2,860,358, 11-18-58, Cl. 15-131.
- Darrow, Merritt I.: *See*—
 Sengelaub, John F., and Darrow. 2,846,718.
- Darsie, Burns: *See*—
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- Darsie, George. Headlight. 2,843,779, 7-15-58, Cl. 313-114.
- Darwin, Clifford, to Crompton & Knowles Corp. Multi-shuttle weft replenishing loom. 2,845,956, 8-5-58, Cl. 139-232.
- Darwin, George P., W. A. Malthaner, and J. E. Schwenker, to Bell Telephone Laboratories, Inc. Digit data transmission system. 2,828,362, 3-25-58, Cl. 179-2.
- Daschke, Arthur W., to The Triplett Electrical Instrument Co. Moving coil relay. 2,824,926, 2-25-58, Cl. 200-110.
- Daschke, Arthur W., and W. G. Snell, to J-B-T Instruments, Inc. Frequency-responsive relay and indicator. 2,853,677, 9-23-58, Cl. 324-80.
- Dasenbrook, Charles H. and N. K., to Wood & Brooks Co. Upright piano action. 2,844,984, 7-29-58, Cl. 84-240.
- Dasenbrook, Norman K.: *See*—
 Dasenbrook, Charles H. and N. K. 2,844,984.
- Dasey, Homer H. Freight air cushioning system. 2,856,867, 10-21-58, Cl. 105-369.
- Dash, Edward. Aluminum coated stud. 2,858,414, 10-28-58, Cl. 219-99.
- Dasher, John: *See*—
 Gaudin, Antoine M., and Dasher. 2,838,369.
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- Dasher, John O., and A. J. Beyer, said Beyer, to the United States of America, Atomic Energy Commission. Selective rejection of iron and aluminum in hydrometallurgical recovery of metals. 2,842,436, 7-8-58, Cl. 75-101.
- Dasher, Norman E.: *See*—
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- Dasher, Paul J., to Dasher Rubber & Chemical Co. Process for reducing scrap vulcanized rubber to finely divided particles. 2,853,742, 9-30-58, Cl. 18-48.
- Dasher, Paul J., to Dasher Rubber & Chemical Co. Process of milling synthetic rubber latex coagulum containing water. 2,854,426, 9-30-58, Cl. 260-41.5.
- Dasher Rubber & Chemical Co.: *See*—
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 Dasher, Paul J. 2,854,426.
- Daspit, John I.: *See*—
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- Dass, William H., and R. B. Koehler, to International Business Machines Corp. Indicator tube. 2,846,610, 8-5-58, Cl. 313-108.
- Dassance, Carroll F. Variable speed geared pulley. 2,856,797, 10-21-58, Cl. 74-789.
- Dassoulas, John: *See*—
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- Daszewski, Edward W.: *See*—
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- Date, Kazuo H.: *See*—
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- Date, Kazuo H., to McGraw-Edison Co. Load interrupter switch. 2,838,638, 6-10-58, Cl. 200-146.
- Date, Shigehiro: *See*—
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- Datex Corp.: *See*—
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- Dath, George E., to Enterprise Railway Equipment Co. Ballast car construction. 2,855,863, 10-14-58, Cl. 105-279.
- Dath, George E., to Enterprise Railway Equipment Co. Removable closure mounting for discharge outlet for railway hopper cars. 2,855,864, 10-14-58, Cl. 105-308.
- Datin, Richard C.: *See*—
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- Datlof, Joseph, to Shelley Sportswear Co., Inc. Insulated garment. 2,831,198, 4-22-48, Cl. 2-272.
- Dattel Co., Inc.: *See*—
 Rivkin, Bernard W. 2,853,042.
- Daubenspeck, John M., and C. L. Schmidt, to National Lead Co. Process for forming titanium concentrates. 2,852,362, 9-16-58, Cl. 75-2.
- Daubenspeck, Peter E. Mop for use with V-shaped extractors. 2,852,797, 9-23-58, Cl. 15-244.
- Daubert Chemical Co.: *See*—
 Fessler, William A., Hutter, and McBeth. 2,829,080.
- Daudt, Hans: *See*—
 Hell, Rudolf, and Daudt. 2,843,670.
- Dauenhauer, Florian F. Vine carrier and storage apparatus for hop-picking machines. 2,836,128, 5-27-58, Cl. 104-91.
- Daughaday, William E., Jr. Self-propelled tube. 2,855,934, 10-14-58, Cl. 128-349.
- Daugherty, Bruce L. Service box closure. 2,826,326, 3-11-58, Cl. 220-25.
- Daugherty, Edgar S., to Cochrane Corp. Heating system. 2,819,886, 1-14-58, Cl. 261-19.
- Daugherty, Eugene P. Knockdown live fish container. 2,854,782, 10-7-58, Cl. 43-55.
- Daugherty, Franklin W.: *See*—
 Rockwell, Burt A., and Daugherty. 2,856,924.
- Daugherty, James P., Jr., to Sun Oil Co. Reactivation of reforming catalysts. 2,862,890, 12-2-58, Cl. 252-412.
- Daugherty, Jesse, to Giddings & Lewis Machine Tool Co. High-speed floor type contour milling machine. 2,863,361, 12-9-58, Cl. 90-13.
- Daugherty, Jesse, and W. H. Sorenson, to Giddings & Lewis Machine Tool Co. Planer type skin milling machine. 2,849,927, 9-2-58, Cl. 90-13.
- Daugherty, Louis E. Inflated tent. 2,830,606, 4-15-58, Cl. 135-1.
- Daugherty, Minnie. Baby travel diner. 2,844,141, 7-22-58, Cl. 126-263.
- Daugherty, Ralph K.: *See*—
 Hamlin, Jerry E., Magnuson, and Daugherty. 2,864,525.
- Daugherty, William G.: *See*—
 Jackson, George W., and Daugherty. 2,863,499.
- Daughtrey, Joseph W.: *See*—
 Bayless, Charles R., Daughtrey, and Robertson. 2,860,655.
- Daum, Howard A. Ornamental lawn lamps. 2,860,235, 11-11-58, Cl. 240-11.2.
- Daum, Leonard E., and E. A. Sprigg, to Breeze Corp., Inc. Socket-type electrical contact member. 2,821,693, 1-28-58, Cl. 339-258.
- D'Aurillac, Paul A., to Etablissements Neyrpic. Shock absorber for docking of ships. 2,842,939, 7-15-58, Cl. 61-48.
- Dausch, Erwin, to S. K. F. Kugellagerfabriken, G. m. b. H. Adjusting means for textile drawing mechanisms. 2,819,497, 1-14-58, Cl. 19-135.
- Daust, Herbert. Insulated hand bag. 2,837,132, 6-3-58, Cl. 150-28.
- Dautry, Daniel: *See*—
 Montchausse, Andre J., and Dautry. 2,824,923.
- Dauwe, Camille F. Reel for flying toys. 2,826,377, 3-11-58, Cl. 242-96.
- Da Vatz, Christian R. Rear axle housing supported load equalizing trailer hitch. 2,828,143, 3-25-58, Cl. 280-406.

- Daven Co., The: *See*—
Barshay, Bernard. 2,844,785.
- Davenport, Bert S.: *See*—
Warner, Fred J., Easton, and Davenport. 2,831,758.
- Davenport, Clarence A., and C. C. Daly, to C. A. Davenport, trustee. Optical system for measurement and control. 2,852,697, 9-16-58, Cl. 250-237.
- Davenport, Fred B., Jr. Liquid baffle for gasoline dispensing nozzles. 2,849,036, 8-26-58, Cl. 141-392.
- Davenport, Granger: *See*—
Zimmermann, William F., and Davenport. 2,857,817.
Zimmermann, William F., and Davenport. 2,857,818.
- Davenport, Granger, to Gould & Eberhardt, Inc. Duolineal-feed hobbing machine. 2,837,010, 6-3-58, Cl. 90-4.
- Davenport, Harold F., and J. D. Hopkins. Process of making leather wetting and product. 2,838,924, 6-17-58, Cl. 69-21.
- Davenport, Leon, $\frac{1}{2}$ to Southern Developers, Inc. Cotton picker drum assembly. 2,833,103, 5-6-58, Cl. 56-44.
- Davenport Machine and Foundry Co.: *See*—
Fischer, Albert M. 2,857,612.
- Davenport, Walter W.: *See*—
Aichele, William J., and Davenport. 2,846,314.
- Davey, Frederick K., to Bendix Aviation Corp. Fluorescent screen and method of making same. 2,851,612, 9-9-58, Cl. 250-80.
- Davey, John R., to Armstrong Cork Co. Sheet-moving apparatus. 2,862,445, 12-2-58, Cl. 101-407.
- Davey, Kinsley. Stuffing box seal with an auxiliary static seal. 2,853,321, 9-23-58, Cl. 286-7.
- Davey, Peter E., and L. R. Patterson, Jr., to General Electric Co. Adjustable shelf structure. 2,836,305, 5-27-58, Cl. 211-146.
- Davey Products Co., Inc.: *See*—
Parks, Raymond W., and Bergman. 2,827,198.
- Davey, Sidney M., and J. G. Anderson; said Anderson assor. to said Davey. Means for packaging. 2,847,810, 8-19-58, Cl. 53-198.
- Davey, Thomas R. A., and A. P. Newall, to The Broken Hill Associated Smelters Proprietary Ltd. Continuous vacuum distillation. 2,823,111, 2-11-58, Cl. 75-88.
- David, Andrew M. Nail clipper. 2,837,821, 6-10-58, Cl. 30-124.
- David, Andrew M. Nail clipper. 2,839,827, 6-24-58, Cl. 30-28.
- David, Edward E., Jr., and H. S. McDonald, to Bell Telephone Laboratories, Inc. Artificial reconstruction of speech. 2,860,187, 11-11-58, Cl. 179-15.55.
- David, Edward J.: *See*—
Swartz, George A., and David. 2,828,590.
- David, Frank A., Jr., to Crown Zellerbach Corp. Retaining notch for a container. 2,819,009, 1-7-58, Cl. 229-47.
- David, Frank A., Jr., to Crown Zellerbach Corp. Container closing device. 2,839,881, 6-24-58, Cl. 53-287.
- David, Johnnie. Drawer cabinet type telephone stand. 2,852,882, 9-23-58, Cl. 45-5.
- David, Mary P.: *See*—
Shorr, Leonard M., and David. 2,823,195.
- David, Michael S., and B. W. Colman, to Copco Steel & Engineering Co. Hinge filler plate construction for metal doors. 2,853,162, 9-23-58, Cl. 189-46.
- David, Reba: *See*—
Kadison, Milton M. 2,862,656.
- David, Vernon W., and R. Irving, to Shell Development Co. Liquid electrical insulating compositions. 2,834,734, 5-13-58, Cl. 252-63.
- Davidge, Harold: *See*—
Miller, Samuel A., and Davidge. 2,830,059.
- Davidoft, Dorsey, to International Telephone and Telegraph Corp. Frequency shift keying circuit. 2,866,161, 12-23-58, Cl. 332-19.
- Davidoft, Frank, to International Telephone and Telegraph Corp. Delay circuit for receiver-indicator. 2,850,628, 9-2-58, Cl. 250-27.
- Davidon, William C., to Nuclear-Chicago Corp. Apparatus for indicating percentage ratios of radioactivity and analogous properties. 2,829,270, 4-1-58, Cl. 250-83.6.
- Davids, Berryman O. Automatic brake applicator. 2,834,436, 5-13-58, Cl. 188-122.
- Davids, Berryman O. Automatic brake applicator. 2,834,437, 5-13-58, Cl. 188-112.
- Davids, John H., to Fairbanks, Morse & Co. Control for engine starting means. 2,849,857, 9-2-58, Cl. 60-16.
- Davids, John H., to Fairbanks, Morse & Co. Fuel supply regulator for gas engines. 2,852,013, 9-16-58, Cl. 123-120.
- Davidsen, Gotfred B. Electric coupling for the operation of X-ray tubes or other thermionic tubes. 2,833,934, 5-6-58, Cl. 250-103.
- Davidson, André: *See*—
Boerdijk, Arie H., Kassner, and Davidson. 2,828,649.
- Davidson, Arnold. Ignition system safety switch. 2,828,382, 3-25-58, Cl. 200-97.
- Davidson, Carl A., to A-B Svenska Skolastfabriken. Presses for vulcanizing rubber soles on shoes. 2,866,227, 12-30-58, Cl. 18-17.
- Davidson Corp.: *See*—
George, Harvey F. 2,852,250.
- Davidson, David. Ice shaving machine. 2,823,870, 2-18-58, Cl. 241-92.
- Davidson, David E., B. B. Parshall, and D. E. Thal, to Link-Belt Co. Bearing hanger. 2,864,657, 12-16-58, Cl. 308-187.
- Davidson, Donald E. Film slide holder. 2,827,721, 3-25-58, Cl. 40-155.
- Davidson, Emil. Blood sample collector. 2,832,344, 4-29-58, Cl. 128-276.
- Davidson, Emil, and H. W. Williams; said Williams assor. to said Davidson. Encapsulated suppository and capsule therefor. 2,863,454, 12-9-58, Cl. 128-271.
- Davidson, Eric B., to Davidson Springs Ltd. Resilient bobbin. 2,844,333, 7-22-58, Cl. 242-118.11.
- Davidson, Frank E., Jr.: *See*—
Jones, Hugh H., and Davidson. 2,863,833.
- Davidson, Gareth M., and R. Gittleman, to American Bosch Arma Corp. Current gain measuring circuit. 2,850,699, 9-2-58, Cl. 324-158.
- Davidson, Gustaf F. M., and G. E. Larsson, to Aktiebolaget Bahco. Ventilation systems for shelters. 2,823,864, 2-18-58, Cl. 237-50.
- Davidson, Ivor M., and N. A. Dimmock, to Power Jets (Research and Development) Ltd. Wing mounted jet propulsion system for aircraft. 2,838,256, 6-10-58, Cl. 244-15.
- Davidson, James R.: *See*—
Smith, Harlan M., Hoernner, and Davidson. 2,824,836.
- Davidson, James R., and W. Seitz, to Esso Research and Engineering Co. Method of operating a refrigeration system using a chlorine containing halo-alkane as a refrigerant. 2,824,061, 2-18-58, Cl. 252-32.5.
- Davidson, John T.: *See*—
Metzner, Albert W., and Davidson. 2,858,927.
Stimson, Percy G., and Davidson. 2,846,044.
- Davidson, John T., to The Standard Register Co. Universally adjustable platen for writing machine. 2,819,781, 1-14-57, Cl. 197-123.
- Davidson, John T., to The Standard Register Co. Feeding device for high-speed printers. 2,825,559, 3-4-58, Cl. 271-2.4.
- Davidson, John T., to The Standard Register Co. Inking mechanism. 2,845,864, 8-5-58, Cl. 101-350.
- Davidson, John T., to The Standard Register Co. Strip feeding device. 2,851,267, 9-9-58, Cl. 271-2.4.
- Davidson, John T., and P. G. Stimson, to The Standard Register Co. Strip severing mechanism. 2,825,403, 3-4-58, Cl. 164-49.
- Davidson, John T., and P. G. Stimson, to The Standard Register Co. Strip feeding and cutting mechanism. 2,827,120, 3-18-58, Cl. 164-12.
- Davidson, John T., P. G. Stimson, and T. E. Landgren, to The Standard Register Co. Strip feeding mechanism. 2,832,455, 4-29-58, Cl. 197-133.
- Davidson, John T., J. A. Schmidt, and J. H. Kroemer, to The Standard Register Co. Strip burster. 2,862,554, 12-2-58, Cl. 164-84.5.
- Davidson, Joseph A. Neck scarf-stay put neck scarf. 2,832,075, 4-29-58, Cl. 2-91.
- Davidson, Martin, and N. S. Rahal, to United States of America, Navy. Plating thickness indicator. 2,854,626, 9-30-58, Cl. 324-64.
- Davidson, Norman R.: *See*—
Burg, Anton B., and Davidson. 2,840,457.
- Davidson, Norman R., and J. J. Katz, to United States of America, Atomic Energy Commission. Preparation of plutonium halides. 2,859,097, 11-4-58, Cl. 23-14.5.
- Davidson, Norman R., and E. K. Hyde, to United States of America, Atomic Energy Commission. Wet method of preparing plutonium tribromide. 2,860,032, 11-11-58, Cl. 23-14.5.
- Davidson, Ronald and E. E. Walker, to British Celanese Ltd. Identifying means for textile materials. 2,859,547, 11-11-58, Cl. 40-20.
- Davidson, Samuel H., and T. Balfour, to Imperial Chemical Industries Ltd. Explosive compositions. 2,829,958, 4-8-58, Cl. 52-7.
- Davidson, Samuel H., and T. J. Reid, to Imperial Chemical Industries Ltd. Method for producing explosive elements. 2,845,833, 8-5-58, Cl. 86-20.
- Davidson Springs Ltd.: *See*—
Davidson, Eric B. 2,844,333.
- Davidson, Theodore D.: *See*—
Hollins, Jesse R. 2,840,796.
Hollins, Jesse R. 2,843,835.
Hollins, Jesse R. 2,846,665.
Hollins, Jesse R. 2,851,673.
Hollins, Jesse R. 2,863,096.
- Davidson, Trevor O., and J. E. Roche, to Bucyrus-Erie Co. Double-acting hydraulic dirt ejector. 2,853,201, 9-23-58, Cl. 214-510.
- Davidson, Walter L., A. P. Loeb, and M. P. O'Laughlin, to Dravo Corp. Space heater. 2,857,906, 10-28-58, Cl. 126-110.
- Davie, Robert P., to Task Corp. Temperature compensated force balance. 2,844,027, 7-22-58, Cl. 73-147.
- Davies, Ben, and D. O. McCreight, to Harbison-Walker Refractories Co. Silica refractory. 2,838,409, 6-10-58, Cl. 106-69.
- Davies, Boyd A. Disk gang and mounting therefor. 2,858,757, 11-4-58, Cl. 97-54.

- Davies, Charles W., and L. A. Pollard, to Trianco Ltd. Means for controlling operations at variable intervals. 2,820,859, 1-21-58, Cl. 200—37.
- Davies, Clarence J., to National Automotive Fibres, Inc. Apparatus for producing foam rubber slab material. 2,834,045, 5-13-58, Cl. 18—4.
- Davies, Clarence J., and B. M. Zuhn, to National Automotive Fibres, Inc. Fabric forming mechanism for a multipiecing machine. 2,830,401, 4-15-58, Cl. 45—138.
- Davies, David O.: *See—*
- Ballantyne, David H., Davies, and Bowns. 2,855,751.
- Hollings, John S., and Davies. 2,848,041.
- Davies, David O., J. S. Jones, and G. Oulianoff, to Rolls-Royce Ltd. After-burner fuel supply system for gas-turbine engines. 2,840,986, 7-1-58, Cl. 60—35.6.
- Davies, Donald G., and P. Popczak, to Shell Development Co. Sulfonation process. 2,865,958, 12-23-58, Cl. 260—50.4.
- Davies, Donald W.: *See—*
- Newman, Edward A., Davies, and Clayden. 2,845,609.
- Davies, Donald W., to National Research Development Corp. Electrical pulse generating circuits. 2,842,684, 7-8-58, Cl. 307—106.
- Davies, Ernest, to Imperial Chemical Industries Ltd. Method of producing titanium. 2,839,386, 6-17-58, Cl. 75—84.5.
- Davies, Gilbert E., and G. L. Gasparini, to Superior Ball Joint Corp. Ball joint. 2,859,060, 11-4-58, Cl. 287—90.
- Davies, Glynn R.: *See—*
- Arden, Thomas V., Burstall, Davies, Linstead, and Wells. 2,860,956.
- Davies, Gomer W. Tool for truing crankshafts and the like. 2,860,539, 11-18-58, Cl. 82—4.
- Davies, Howard, to John P. McCarthy, Inc. Multi-speed alternating current motor. 2,820,938, 1-21-58, Cl. 318—224.
- Davies, Howard. Electric switch device. 2,823,280, 2-11-58, Cl. 200—87.
- Davies, Howard, and A. C. Towe; said Towe assor. to said Davies. Electric switch device. 2,849,567, 8-26-58, Cl. 200—104.
- Davies, James A., to The Texas Co. Solvent extraction process. 2,865,852, 12-23-58, Cl. 208—327.
- Davies, James E., R. W. Siebers, and C. W. Otto, to Cutler-Hammer, Inc. Electromagnetic reversing contactor with interlock. 2,828,381, 3-25-58, Cl. 200—87.
- Davies, John A., M. G. Saunders, J. G. Somers, and R. R. Cole, to Consoweld Corp. Edge trim device. 2,853,750, 9-30-58, Cl. 20—74.
- Davies, John G., to C. H. Neely. Immersion heater. 2,839,660, 6-17-58, Cl. 219—41.
- Davies, John S. Variable speed friction transmission. 2,831,357, 4-22-58, Cl. 74—203.
- Davies, Lester F., to Cone Automatic Machine Co., Inc. Pier-type crimping tool for assembling teeth on excavator buckets. 2,836,089, 5-27-58, Cl. 81—15.
- Davies, Miles: *See—*
- Neth, Fred, and Davies. 2,831,230.
- Davies, Peter L., and G. D. Galvin, to Shell Development Co. Compositions for use as hydraulic fluids. 2,862,886, 12-2-58, Cl. 252—78.
- Davies, Richard E.: *See—*
- Berardinelli, Frank, Davies, and White. 2,860,122.
- Jones, Wilford D., Marshall, Davies, and Paist. 2,862,908.
- Davies, Robert H., to Otis Elevator Co. Axle mounting for a vehicle. 2,835,507, 5-20-58, Cl. 280—112.
- Davies, Robert H., to Parker-Hannifin Corp. Apparatus for controlling the emptying of tanks. 2,860,651, 11-18-58, Cl. 137—98.
- Davies, Robert R.: *See—*
- Andrew, Herbert F., Boyd, and Davies. 2,861,066.
- Andrew, Herbert F., and Davies. 2,861,067.
- Davies, Sterling: *See—*
- Hickok, Robert D., Jr., Davies, and Yenni. 2,834,941.
- Davies, Thomas D. Catapult launching engager for aircraft nose-wheel gear. 2,862,682, 12-2-58, Cl. 244—63.
- Davies, Thomas E. Hand hold for guns. 2,826,848, 3-18-58, Cl. 42—71.
- Davies, Thomas P., and D. B. Sullivan, to Johnson & Johnson. Bandage. 2,823,444, 2-18-58, Cl. 28—76.
- Davies, Wilkins L. Fastening device. 2,854,719, 10-7-58, Cl. 24—150.
- Davies-Young Soap Co., The: *See—*
- Pollock, Lou, and Wald. Re. 24,501.
- Trusler, Ralf B. 2,826,506.
- Trusler, Ralf B., and Satton. 2,820,719.
- Davila, Fernando S. Pre-clairifier for separating solids and liquids. 2,821,306, 1-28-58, Cl. 210—525.
- Davis, Alfred, to United States of America, Army. Electro-mechanical means of generating subsonic energy. 2,840,176, 6-24-58, Cl. 101—5.
- Davis, Agnes E.: *See—*
- Sookne, Arnold M., and Davis. 2,828,181.
- Davis Aircraft Products, Inc.: *See—*
- Davis, Frank L. 2,826,796.
- Davis, Albert S., Jr., to Research Corp. Automatic controlled electrostatic coating apparatus. 2,826,166, 3-11-58, Cl. 118—5.
- Davis, Allen V. C. Pressure responsive switch. 2,824,919, 2-25-58, Cl. 200—83.
- Davis, Ariel R. Fluorescent light dimming. 2,864,035, 12-9-58, Cl. 315—97.
- Davis, Arnold R.: *See—*
- Sullivan, Frank A. V., and Davis. 2,819,329.
- Davis, Arnold R., and F. A. V. Sullivan, to American Cyanamid Co. Stabilizing synthetic rubbers. 2,834,752, 5-13-58, Cl. 260—45.95.
- Davis, Arthur M., to Orenda Engines Ltd. Fastening and adjustment of rear frame struts. 2,846,250, 8-5-58, Cl. 287—58.
- Davis, Arthur S., to Dynamic Electronics-New York, Inc. Electromagnetic delay line. 2,838,735, 6-10-58, Cl. 333—31.
- Davis, Arthur W., and W. R. Harding, to General Motors Corp. Turbine starting fuel system. 2,862,355, 12-2-58, Cl. 60—39.14.
- Davis, Benjamin F., Jr., and P. H. Cardwell, to The Dow Chemical Co. Removal of scale from ferrous metals. 2,820,729, 1-21-58, Cl. 134—42.
- Davis, Billy E., and R. B. Allen, to Southwestern Industrial Electronics Co. Pulse representation of variable voltage. 2,836,794, 5-27-58, Cl. 324—117.
- Davis, Budd T. Individual carrying pack. 2,836,334, 5-27-58, Cl. 224—25.
- Davis, Carl M. Flocking machine. 2,841,407, 7-8-58, Cl. 302—37.
- Davis, Cecil W. Use prevention circuit and apparatus. 2,843,843, 7-15-58, Cl. 340—276.
- Davis, Charles A., and C. G. Duenke, to The Ohio Brass Co. Cooling apparatus and valve therefor. 2,854,997, 10-7-58, Cl. 137—546.
- Davis, Charles J., to Massey-Harris-Ferguson Inc. Mechanical shovel. 2,834,489, 5-13-58, Cl. 214—138.
- Davis, Charles J., Jr., to Armour and Co. Continuous deaeration apparatus. 2,863,521, 12-9-58, Cl. 183—2.5.
- Davis, Charles M., Jr., to United States of America, Navy. Biasing means for self-saturating magnetic amplifier. 2,839,617, 6-17-58, Cl. 179—171.
- Davis, Charles W.: *See—*
- Barber, Everett M., and Davis. 2,864,347.
- Davis, Claude D., and W. M. Yocum; said Yocum assor. to said Davis. Physiotherapy device. 2,832,336, 4-29-58, Cl. 128—38.
- Davis, Clarence B.: *See—*
- Palmer, Michel C., Johnson, and Davis. 2,859,720.
- Davis, Clarence G. Cement block making and forming press. 2,821,005, 1-28-58, Cl. 25—41.
- Davis, Clyde W.: *See—*
- Stanton, George W., Davis, and Spence. 2,837,492.
- Davis, Clyde W., to Hoffman Electronics Corp. Electro-mechanical sensing device. 2,825,978, 3-11-58, Cl. 33—206.
- Davis, Clyde W., and F. A. Ehlers, to The Dow Chemical Co. Copolymers of vinyl lactams and trimethylallyl isocyanurate. 2,848,440, 8-19-58, Cl. 260—77.5.
- Davis, Clyde W., and F. A. Ehlers, to The Dow Chemical Co. Preparation and use of acrylonitrile polymer dissolved in dimethyl sulfoxide. 2,858,290, 10-28-58, Cl. 260—30.8.
- Davis, Damon A., Jr., to Gulf Oil Corp. Solid particle transfer process and apparatus. 2,835,537, 5-20-58, Cl. 302—36.
- Davis, Daniel E. Die stock for rethreading worm threads. 2,822,555, 2-11-58, Cl. 10—1.
- Davis, David D.: *See—*
- Roenke, John H. 2,834,532.
- Davis, Delmar B.: *See—*
- Tarsey, Alexandre R., and Davis. 2,841,487.
- Davis, Earl, to Porex Corp., Ltd. Box shifting apparatus. 2,836,943, 6-3-58, Cl. 53—52.
- Davis, Earl W., to Guiberson Corp. Drilling head. 2,846,247, 8-5-58, Cl. 286—16.1.
- Davis, Edward A. Switching system. 2,847,531, 8-12-58, Cl. 200—87.
- Davis, Edward W., to Regents of the University of Minnesota. Grate type pelletizing method and apparatus. 2,821,469, 1-28-58, Cl. 75—5.
- Davis, Elwood T., to Leeds and Northrup Co. Control systems with rate of approach. 2,823,861, 2-18-58, Cl. 236—68.
- Davis, Elwood T., to Leeds and Northrup Co. Rebalanceable control system. 2,830,244, 4-8-58, Cl. 318—28.
- Davis, Elwood T., and H. A. Kalina, to Leeds and Northrup Co. Rate and reset rebalanceable control system. 2,830,245, 4-8-58, Cl. 318—28.
- Davis, Emmett E. J., 49% to J. O'Hara. Tools for wiping and cleaning well pipes. 2,850,754, 9-9-58, Cl. 15—210.
- Davis, Ernest C., to Illinois Farm Supply Co. Load handling apparatus for trucks. 2,820,560, 1-21-58, Cl. 214—517.
- Davis, Erwin S., to Daystrom Inc. Signal mixer circuit. 2,837,637, 6-3-58, Cl. 250—20.
- Davis, Evan E., Jr., W. K. Parcells, and G. S. Rostron, to Sun Oil Co. Manufacture of sulfonate concentrate of low salt content. 2,824,125, 2-18-58, Cl. 260—50.4.
- Davis, Ewel S., to Gadget-Of-The-Month Club, Inc. Pipe adapter. 2,850,021, 9-2-58, Cl. 131—215.
- Davis, Francis W. Fluid power steering gear. 2,824,314, 2-25-58, Cl. 121—46.5.
- Davis, Frank C.: *See—*
- Norton, Douglas G., and Davis. 2,841,622.
- Whetstone, Richard R., Davis, and Monroe. 2,864,742.
- Davis, Frank L., to Davis Aircraft Products, Inc. Safety seat belt buckle. 2,826,796, 3-18-58, Cl. 24—170.

- Davis, Frank P. Traction unit. 2,832,619, 4-29-58, Cl. 291-1.
- Davis, George. Removable counter-weight. 2,820,566, 1-21-58, Cl. 214-142.
- Davis, George B., Jr. Flasher lamp. 2,862,145, 11-25-58, Cl. 315-47.
- Davis, George C., Jr., to Kaiser Aluminum & Chemical Corp. Refractory. 2,829,877, 4-8-58, Cl. 263-33.
- Davis, George K. Utility brush. 2,866,216, 12-30-58, Cl. 15-198.
- Davis, George W.: *See*—
Davis, Norma M., and G. W. 2,839,063.
Davis, Norman M. and G. W. 2,845,074.
- Davis, Glyndwr L. Brake adjusting apparatus. 2,850,123, 9-2-58, Cl. 188-196.
- Davis, Gordon D.: *See*—
Knox, William J., and Davis. 2,831,766.
- Davis, Harold G. Hygiene dispenser. 2,830,588, 4-15-58, Cl. 128-225.
- Davis, Harold W., and O. H. Moritz. Device for forming risers for concrete steps. 2,863,207, 12-9-58, Cl. 25-118.
- Davis, Henry B. O. Voltage comparator. 2,819,397, 1-7-58, Cl. 250-27.
- Davis, Henry R., Jr.: *See*—
Straw, Clayton. 2,826,127.
- Davis, Herbert B. Anti-corrosive valve structure. 2,853,097, 9-23-58, Cl. 137-515.
- Davis, Herbert W.: *See*—
Dunn, Thomas J., and Davis. 2,831,544.
Dunn, Thomas J., and Davis. 2,840,974.
- Davis, Herbert W. Stump cutting attachment for a tractor. 2,820,493, 1-21-58, Cl. 144-2.
- Davis, Herbert W. to Link-Belt Co. Method for drying metal scrap. 2,836,901, 6-3-58, Cl. 34-15.
- Davis, Herbert W. Tractor mounted rotating disk cutting assembly with overload release means. 2,838,901, 6-17-58, Cl. 56-25.4.
- Davis, Howard A., to G. E. Moody. Timing mechanism. 2,858,496, 10-28-58, Cl. 318-443.
- Davis, Howard L., to Davis Mason Guide Co. Masonry guide. 2,832,143, 4-29-58, Cl. 33-85.
- Davis, Irwin: *See*—
Gold, Samuel, and Davis. 2,850,406.
- Davis, James B.: *See*—
Sands, Thoburn P., Davis, and Cunningham. 2,850,452.
- Davis, James E. Instrument taxiing system. 2,859,426, 11-4-58, Cl. 340-22.
- Davis, James K., to Corning Glass Works. Electroconductive article. 2,857,294, 10-21-58, Cl. 117-211.
- Davis, James R., to The Trane Co. Centrifugal fan. 2,841,326, 7-1-58, Cl. 230-127.
- Davis, Jefferson J., D. J. McNeil, and N. T. Grubb, to Electric Steel Foundry, now by change of name to Electric Steel Foundry Co. Tooth assembly. 2,846,790, 8-12-58, Cl. 37-142.
- Davis, Jerome. Dental cord. 2,821,202, 1-28-58, Cl. 132-93.
- Davis, John D., to Simoniz Co. Receptacle. 2,826,338, 3-11-58, Cl. 222-129.
- Davis, John H.: *See*—
Troxell, Harold M., Moore, and Davis. 2,848,179.
- Davis, John M., and B. A. Raetsch, to Western Electric Co., Inc. Apparatus for assembling terminals to multiconductor cords. 2,827,940, 3-25-58, Cl. 153-1.
- Davis, John S., to Equitable Paper Bag Co., Inc. Mailing container. 2,840,294, 6-24-58, Cl. 229-37.
- Davis, John S., to Equitable Paper Bag Co., Inc. Bag bottoming machine. 2,847,914, 8-19-58, Cl. 93-14.
- Davis, John S. and W. Bochow, to Equitable Paper Bag Co., Inc. Machine for forming and applying cord handles to a paper bag web. 2,844,075, 7-22-58, Cl. 93-8.
- Davis, John V., to The Udylite Corp. Plating machine. 2,851,044, 9-9-58, Cl. 134-76.
- Davis, John W. Vertical and horizontal flight aircraft. 2,863,621, 12-9-58, Cl. 244-23.
- Davis, Joseph E., to Sylvania Electric Products, Inc. Television receiver color comparator. 2,854,505, 9-30-58, Cl. 178-5.4.
- Davis, Kenneth, and W. E. Fox. Automatic grease and air pump for vehicles. 2,828,693, 4-1-58, Cl. 103-7.
- Davis, Kenneth E., to The Budd Co. Apparatus and method for gating with diaphragm packing machines. 2,843,893, 7-22-58, Cl. 22-38.
- Davis, Leighton I. Air war game. 2,843,381, 7-15-58, Cl. 273-1.
- Davis, Lewis K.: *See*—
Ethington, Lloyd D., Browning, and Davis. 2,858,803.
- Davis, Lewis M.: *See*—
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- Davis, Lincoln K., to The Foxboro Co. Pre-stressed instrument arm. 2,820,625, 1-21-58, Cl. 267-1.
- Davis, Lincoln K., to The Foxboro Co. Magnetic reversible nut. 2,824,460, 2-25-58, Cl. 74-424.8.
- Davis, Louis D., Jr., to American Steel Foundries. Clasp brake. 2,827,131, 3-18-58, Cl. 188-56.
- Davis, Louis D., Jr., to American Steel Foundries. Brake headbrake shoe assembly. 2,848,076, 8-19-58, Cl. 188-244.
- Davis, Lucile J. Sun visor extension. 2,842,395, 7-8-58, Cl. 296-97.
- Davis, Luther, Jr.: *See*—
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- Davis, Luther, Jr., to Raytheon Mfg. Co. Transistor testing systems. 2,863,119, 12-2-58, Cl. 324-158.
- Davis Mason Guide Co.: *See*—
Davis, Howard L. 2,832,143.
- Davis, Melvin C. Alignment fitting for well tubing heads. 2,846,013, 8-5-58, Cl. 166-75.
- Davis, Michael: *See*—
Barber, Harry J., Collins, and Davis. 2,830,008.
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- Davis, Michael, to Mayfab Inc. Garment bag. 2,862,586, 12-2-58, Cl. 190-43.
- Davis, Michael M., Jr.: *See*—
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- Davis, Morris C., B. Perryman, and R. C. Gannon, to Earth-cavator Co., Inc. Earth scraper with retractable scarifier. 2,865,117, 12-23-58, Cl. 37-145.
- Davis, Nelson L. Method for float and sink mineral separation. 2,821,303, 1-28-58, Cl. 209-172.5.
- Davis, Norma M., and G. W. Brassiere. 2,839,063, 6-17-58, Cl. 128-472.
- Davis, Norma M. and G. W. Brassiere. 2,845,074, 7-29-58, Cl. 128-472.
- Davis, Oscar N., to Dulock, Inc. Combination work piece aligner and clamping tool. 2,848,798, 8-26-58, Cl. 29-271.
- Davis, Paul F., to The Glidden Co. Treatment of bleached phosphatides with metal salts. 2,839,546, 6-17-58, Cl. 260-403.
- Davis, Peter J. Fishing rod assembly. 2,830,399, 4-15-58, Cl. 43-23.
- Davis Products Inc.: *See*—
Friedlander, Sidney L. 2,853,720.
- Davis, Ralph B., to University of Notre Dame Du Lac. Method for preparing arylsuccinonitriles. 2,851,477, 9-9-58, Cl. 260-465.
- Davis, Ralph P., to Walworth Co. Mold forming apparatus. 2,842,816, 7-15-58, Cl. 22-32.
- Davis, Ray F., and R. E. Frederickson, to McCulloch Motors Corp. Mulching lawnmower. 2,836,024, 5-27-58, Cl. 56-25.4.
- Davis, Raymond L., to Moloney Electric Co. Current divider circuit for high current tap changing under load mechanism. 2,830,254, 4-8-58, Cl. 323-43.5.
- Davis, Raymond V., and I. B. Cushing, to Abbott Laboratories. Ion exchange purification of fructose solution. 2,845,369, 7-29-58, Cl. 127-46.
- Davis, Richard C., and R. E. Staehler, to Bell Telephone Laboratories, Inc. Storage system. 2,830,285, 4-8-58, Cl. 340-174.
- Davis, Robert E. Double-ended chuck. 2,829,900, 4-8-58, Cl. 279-58.
- Davis, Robert G., to Western Electric Co., Inc. Grinders. 2,850,850, 9-9-58, Cl. 51-105.
- Davis, Robert J.: *See*—
Alt, Edward E., Jr., and Davis. 2,845,367.
Goodfellow, Marion T., and Davis. 2,836,807.
- Davis, Robert J. Hair curler. 2,847,015, 8-12-58, Cl. 132-42.
- Davis, Robert K. Regulated voltage supply for screen grid. 2,853,611, 9-23-58, Cl. 250-27.
- Davis, Robert W., and J. L. Lummus, to Pan American Petroleum Corp. Composition and method for plugging and consolidating. 2,842,338, 7-8-58, Cl. 255-1.8.
- Davis, Roderic A., to International Business Machines Corp. Multiple punch prevention device. 2,838,115, 6-10-58, Cl. 164-115.
- Davis, Roger A.: *See*—
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- Davis, Russell S.: *See*—
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- Davis, Samuel R., Jr.: *See*—
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- Davis, Sidney, to American Bosch Arma Corp. Electro-mechanical device. 2,825,830, 3-4-58, Cl. 310-159.
- Davis, Stafford E.: *See*—
Aquillon, Charles A., and Davis. 2,834,951.
- Davis, Stephen M.: *See*—
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- Davis, Stuart S.: *See*—
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- Davis, Theodore E., to Clarkson & Clark, Inc. Knock-down enclosure for open vehicle bodies. 2,862,760, 12-2-58, Cl. 296-28.
- Davis, Thomas E.: *See*—
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- Davis, Thomas L., W. T. Driscoll, and K. P. Griffin, to Eastman Kodak Co. Light-sensitive photographic paper containing an ethenone material. 2,835,578, 5-20-58, Cl. 96-85.
- Davis, Vincent C., and M. A. Ausman, to California Research Corp. Nitrogen recorder. 2,846,590, 8-5-58, Cl. 250-204.
- Davis, Virgil M., to Midland Mfg. Co., Inc. Crystal controlled reactance-tube oscillator circuit. 2,852,747, 9-16-58, Cl. 332-28.
- Davis, W. B., Hosiers Mill, Inc.: *See*—
Hall, Doyle L., and Raymond. 2,832,164.
- Davis, Walter: *See*—
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- Davis, Walter B., to Portable Electric Tools, Inc. Drill holders. 2,824,651, 2-25-58, Cl. 211-69.
- Davis, Walter T., to Wheeling Stamping Co. Collapsible tube handling mechanism. 2,835,371, 5-20-58, Cl. 198-24.
- Davis, Wilbur L. Y.: *See*—
- Doubleday, James M., Davis. 2,856,898.
- Davis, William E.: *See*—
- Felts, Jerome J., and Davis. 2,838,322.
- Muller, George H., and Davis. 2,834,640.
- Muller, George H., and Davis. 2,834,641.
- Davis, William E. Automatic density controlled apparatus for baling. 2,844,092, 7-22-58, Cl. 100-43.
- Davis, William L., to Hamilton Watch Co. Step-by-step motor. 2,823,324, 2-11-58, Cl. 310-49.
- Davis, William L., Jr., to United States Steel Corp. Method of sintering ore fines. 2,826,487, 3-11-58, Cl. 75-5.
- Davis, William L., Jr., J. Feinman, and L. R. Little, Jr., to United States Steel Corp. Process for gaseous reduction of iron ore. 2,848,316, 8-19-58, Cl. 75-26.
- Davis, William W., to United States of America, Commerce. Williams memory system using a double-intensity beam. 2,853,649, 9-23-58, Cl. 315-12.
- Davison, Alan, and R. Threadgold, to Automatic Telephone & Electric Co. Ltd. Counting circuits. 2,850,718, 9-2-58, Cl. 340-147.
- Davison, Alan, and R. Threadgold, to Automatic Telephone & Electric Co. Ltd. Telecommunication systems. 2,862,149, 11-25-58, Cl. 315-84.5.
- Davison, James M.: *See*—
- Biddle, John W., and Davison. 2,831,845.
- Davison, James M., and J. F. Erdmann, to Union Carbide Corp. Copolymers of ethylene and alpha unsaturated olefins. 2,839,515, 6-17-58, Cl. 260-88.1.
- Davison, Edwin O., to Eli Lilly and Co. Stabilized thimerosal. 2,864,844, 12-16-58, Cl. 260-133.
- Davissou, Jacob V., to Chas. Pfizer & Co. 11-hydroxylation of 17 α -hydroxy steroids by the genus stachyldium. 2,830,937, 4-15-58, Cl. 195-51.
- Davissou, Jacob V., D. A. Kita, and J. B. Routien, to Chas. Pfizer & Co., Inc. 11 β -hydroxylation of steroids with pycnosporium. 2,848,370, 8-19-58, Cl. 195-51.
- Davissou, Kenneth R., and G. R. Smith, said Davissou assor. to said Smith. Weed burner apparatus for tractors. 2,839,047, 6-17-58, Cl. 126-271.2.
- Davock, Alfred M. Bedstead or table structure. 2,842,416, 7-8-58, Cl. 311-77.
- Davol Rubber Co.: *See*—
- Bray, Calvin S. 2,830,325.
- Moreau, William J. 2,854,695.
- Davous, Leon. Packing means. 2,848,132, 8-19-58, Cl. 217-2.3.
- Davy, John C., and W. B. C. Watkin, to Powers-Samas Accounting Machines Ltd. Relating to card-feeding apparatus. 2,861,804, 11-25-58, Cl. 271-54.
- Daw, Alfred S. Plant propagating apparatus. 2,824,410, 2-25-58, Cl. 47-1.
- Dawes, Cyril F. Pipe pulling device. 2,820,607, 1-21-58, Cl. 254-30.
- Dawkins, Durham B. Automobile foot scraper. 2,818,594, 1-7-58, Cl. 15-237.
- Dawkins, Lacy L. High frequency tape recorder. 2,829,208, 4-1-58, Cl. 179-100.2.
- Dawkins, Thomas. Locking device for dial telephones. 2,841,658, 7-1-58, Cl. 179-189.
- Daws, Charles R. Direction signal circuit for motor vehicles. 2,835,880, 5-20-58, Cl. 340-81.
- Dawson, Charles A., to Lockheed Aircraft Corp. Power actuated snips or shears. 2,818,643, 1-7-58, Cl. 30-228.
- Dawson, Charles W.: *See*—
- Pedrick, John L., and Dawson. 2,861,722.
- Dawson, Donald J.: *See*—
- Vandervort, Donnie G., and Dawson. 2,822,558.
- Dawson, Edward, to United States of America, Navy. Acceleration responsive switch. 2,833,878, 5-6-58, Cl. 200-61.5.
- Dawson, Edward, to United States of America, Navy. Hydraulic intensifier. 2,864,313, 12-16-58, Cl. 103-51.
- Dawson, Edward W.: *See*—
- Creek, John O., and Dawson. 2,837,011.
- Dawson, Ernest D., to Radio Corp. of America. Uni-control tuning mechanism for multi-band signal receivers and the like. 2,839,936, 6-24-58, Cl. 74-10.54.
- Dawson, Maynard H., and E. Rasmanis, to Sylvania Electric Products Inc. Process for producing germanium-indium alloyed junctions. 2,850,412, 9-2-58, Cl. 148-1.5.
- Dawson, Raymond E., to Thompson-Starrett Co., Inc. Pneumatic material separation. 2,834,462, 5-13-58, Cl. 209-47.5.
- Dawson, Rexford A. Furniture seats. 2,850,077, 9-2-58, Cl. 155-90.
- Dawson, Thomas P., and J. W. Armstrong, to United States of America, Army. Method of manufacture of $RP(O)Cl_2$ from $RP(O)(OR)_2$ and $SOCl_2$. 2,487,469, 8-12-58, Cl. 260-543.
- Dawson, William H., Jr.: *See*—
- Stern, Robert G., Dawson, and Havill. 2,824,388.
- Dawson, William O.: *See*—
- Sellet, Lucien, and Dawson. 2,852,490.
- Dawtre, Sydney: *See*—
- Matthews, John B., and Dawtre. 2,820,006.
- Day, Alan G. Adjustable, slidable jaw, open-end wrench. 2,846,912, 8-12-58, Cl. 81-179.
- Day, Carroll E., to Food Machinery and Chemical Corp. Apparatus for handling dressed poultry. 2,856,631, 10-21-58, Cl. 17-11.
- Day, Carl L., R. C. Albrecht, and F. E. Fauth, to Crown Cork & Seal Co., Inc. Gassing head. 2,820,489, 1-21-58, Cl. 141-7.
- Day, Carl L., and F. E. Fauth, to Crown Cork & Seal Co., Inc. Cap feeding and applying mechanism. 2,836,947, 6-3-58, Cl. 53-314.
- Day Co., The: *See*—
- Swanson, Arden E. 2,844,216.
- Day, Cyril L.: *See*—
- Orthuber, Richard K., Ullery, and Day. 2,837,661.
- Day, Cyril L., to International Telephone and Telegraph Corp. Electron discharge device. 2,864,022, 12-9-58, Cl. 313-94.
- Day, Dewey D., to The Murray Co. of Texas, Inc. Cotton lint cleaner. 2,830,328, 4-15-58, Cl. 19-57.
- Day, Dewey D., to The Murray Co. of Texas, Inc. Cotton tramper and sweep mechanism. 2,837,022, 6-3-58, Cl. 100-215.
- Day, Dewey D., to The Murray Co. of Texas, Inc. Apparatus for and method of cleaning lint cotton. 2,861,299, 11-25-58, Cl. 19-76.
- Day, Harold M., C. H. Dugliss, and R. R. H. Miron, to American Cyanamid Co. Ethylenically unsaturated polyester resinous compositions and the cure thereof in the presence of a catalytic promoter. 2,822,343, 2-4-58, Cl. 260-45.4.
- Day, Harry L.: *See*—
- Hartley, James C., Day, and Wilson. 2,847,786.
- Day, Harry L., to Olin Mathieson Chemical Corp. Composite firearm barrel. 2,845,741, 8-5-58, Cl. 42-76.
- Day, J. H., Co., Inc., The: *See*—
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- Day, James R. Diversity receiving system. 2,835,799, 5-20-58, Cl. 250-20.
- Day, James R. Diversity receiving system. 2,835,800, 5-20-58, Cl. 250-20.
- Day, James R. Linear frequency modulation detector. 2,835,802, 5-20-58, Cl. 250-27.
- Day, Jephtha V., to Godfrey L. Cabot, Inc. Carbon black pellets and a process for their manufacture. 2,850,403, 9-2-58, Cl. 106-307.
- Day, John T., and C. M. Smith, to Merck & Co., Inc. Epimerization of halogenated compounds containing cyclopentanopolycyclohexanthrene nucleus. 2,852,539, 9-16-58, Cl. 260-387.45.
- Day, Leslie, and W. A. MacNerland. Lubricator and sealing device. 2,846,279, 8-5-58, Cl. 308-87.
- Day, Luther V., to B. O. Warren. Sod cutter. Re. 24,432, 2-18-58, Cl. 97-226.
- Day, Robert G., and L. M. Leeds, to General Electric Co. Synchronizing system. 2,847,628, 8-12-58, Cl. 318-175.
- Day, Samuel S., to P. Hoodwin. Shoulder harness. 2,850,082, 9-2-58, Cl. 155-189.
- Day, Winton L.: *See*—
- Bletzinger, John C., Day, and Rothe. 2,843,125.
- Dayan, Jason E., and S. M. Roberts, to General Aniline & Film Corp. Process of preparing 2,2'-dihydroxy-4,4'-di-alkoxybenzophenones. 2,853,522, 9-23-58, Cl. 260-591.
- Dayer, Donald L., and C. E. Winstead, Jr., to the United States of America as represented by the Secretary of the Navy. Torpedo locator and retriever. 2,818,586, 1-7-58, Cl. 9-9.
- Daykin, Donald R.: *See*—
- Cunningham, James M., and Daykin. 2,843,839.
- Daykin, Donald R., and G. R. Stilwell, Jr., to International Business Machines Corp. Voltage regulation apparatus. 2,843,820, 7-15-58, Cl. 323-22.
- Daystrom, Inc.: *See*—
- Barry, Austin W., and Schake. 2,848,662.
- Bender, Frederick M. 2,846,658.
- Blanco, Elias. 2,856,493.
- Bloser, Dwight W. 2,858,392.
- Davis, Erwin S. 2,837,637.
- Erbguth, Paul F. K. 2,834,361.
- Erbguth, Paul F. K. 2,838,028.
- Estoppey, Royden F., and Bender. 2,848,567.
- Gilbert, Roswell W. 2,838,232.
- Gilbert, Roswell W. 2,842,727.
- Gilbert, Roswell W. 2,846,648.
- Gilbert, Roswell W. 2,857,104.
- Gilbert, Roswell W. 2,857,571.
- Gilbert, Roswell W. 2,861,239.
- Gilbert, Roswell W., and Miller. 2,857,569.
- Lamb, Anthony H. 2,866,873.
- Lamb, Anthony H., and Clark. 2,855,567.
- Lamb, Francis X. 2,842,739.
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- Langford, Robert C., and Sippach. 2,859,343.
- Luedeman, Robert T. 2,854,794.
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- Miller, John H. 2,829,343.
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- Dayton Bait Co.: *See*—
- Irwin, Harry B. 2,820,317.
- Dayton, Carl S., to General Electric Co. Torque transmission and automatic braking means for clothes washers and the like. 2,845,156, 7-29-58, Cl. 192-8.

- Dayton, Carl S., to General Electric Co. Transmission for washing machines or the like. 2,851,909, 9-16-58, Cl. 74-810.
- Dayton, Edward R.: *See*—
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- Dayton Rubber Co., The: *See*—
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- Dazzi, Joachim: *See*—
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- Dazzi, Joachim, to Monsanto Chemical Co. Esters of n-aroylestapartics acids. 2,828,327, 3-25-58, Cl. 260-471.
- Dazzi, Joachim, to Monsanto Chemical Co. Vinyl chloride polymer plasticizer with adducts of fumarates and alkylene esters of long chain fatty acids. 2,833,739, 5-6-58, Cl. 260-31.8.
- Dazzi, Joachim, to Monsanto Chemical Co. Polybutadiene-crotonic adducts. 2,836,586, 5-27-58, Cl. 260-94.7.
- Dazzi, Joachim, to Monsanto Chemical Co. Adducts of hydrogenated terphenyl and dialkyl fumarates. 2,836,618, 5-27-58, Cl. 260-475.
- Dazzi, Joachim, to Monsanto Chemical Co. Viscous polycarboxylate adducts from butadiene-type rubbers. 2,844,567, 7-22-58, Cl. 260-83.3.
- Dazzi, Joachim, to Monsanto Chemical Co. Adducts of tetrahydrophthalate and endomethylene-tetrahydrophthalate esters with fumarate esters. 2,850,523, 9-2-58, Cl. 260-468.
- Dazzi, Joachim, to Monsanto Chemical Co. Aspartic acid esters and compositions of vinyl chloride polymers plasticized therewith. 2,857,353, 10-21-58, Cl. 260-30.8.
- Dazzi, Joachim, to Monsanto Chemical Co. Polycarboxylates. 2,857,409, 10-21-58, Cl. 260-404.8.
- Dazzi, Joachim, to Monsanto Chemical Co. Adducts. 2,862,012, 11-25-58, Cl. 260-404.8.
- D'Azzo, Errol P. Awning arm bracket assembly. 2,823,885, 2-18-58, Cl. 248-278.
- D'Azzo, Errol P. Non-sagging loading dock canopy frame. 2,840,091, 6-24-58, Cl. 135-5.
- D'Azzo, Errol P. Clamping structure for tubular bars. 2,840,400, 6-24-58, Cl. 287-055.
- D'Azzo, Errol P. Device for clamping a pipe to a structural member. 2,865,587, 12-23-58, Cl. 248-72.
- D'Azzo, Errol P. Awning rafter support. 2,865,589, 12-23-58, Cl. 248-284.
- Deahl, Doy D. Raisable stepladders. 2,861,730, 11-25-58, Cl. 228-12.
- Deakers, Thorpe W., to Ever-Dry Corp. Carton. 2,828,856, 4-1-58, Cl. 206-44.
- Deakin Gears Ltd.: *See*—
Deakin, Thomas M. 2,860,451.
- Deakin, Stanley T., to Siemens Edison Swan Ltd. Coating of plastic material. 2,837,772, 6-10-58, Cl. 18-59.
- Deakin, Thomas M., to Deakin Gears Ltd. Gear generating machines. 2,860,451, 11-18-58, Cl. 51-56.
- Deakins, Thomas A.: *See*—
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- Deal, Carl H., Jr.: *See*—
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- Deal, Clayton T., and F. B. Patrick, to United States of America, Army. Auto-collimated stereoscopic range finder incorporating a ballistic computing mechanism. 2,857,816, 10-28-58, Cl. 89-41.
- Deal, Frank L. Shrimp eviscerating and shelling machine. 2,845,654, 8-5-58, Cl. 17-2.
- Dean, Albert G., to The Budd Co. Marginal rail for cover strip retaining panels, especially for railway car. 2,831,305, 5-13-58, Cl. 105-401.
- Dean, Albert G., and F. S. Leas, Jr., to The Budd Co. Motor-brake mount for power driven truck. 2,840,192, 6-24-58, Cl. 188-59.
- Dean, Albert G., and J. E. Burton, to The Budd Co. Apparatus for reducing electrical resistance to signal shunt current. 2,853,957, 9-30-58, Cl. 104-279.
- Dean, Francis H.: *See*—
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- Dean, Franklin R., and R. W. Brooks, to Computer Control Co., Inc. Universal gating package. 2,820,897, 1-21-58, Cl. 250-27.
- Dean, Henry R.: *See*—
Sillifant, Richard R., and Dean. 2,830,170.
- Dean, Hiram M. Hygrometer. 2,856,774, 10-21-58, Cl. 73-337.5.
- Dean, Jewett M. Miniature golf game. 2,827,299, 3-18-58, Cl. 273-176.
- Dean, Lloyd E.: *See*—
Goins, Robert R., and Dean. 2,855,268.
Hall, Dick S., and Dean. 2,827,125.
- Dean, Lloyd E., to Phillips Petroleum Co. Pebble heat exchanger. 2,839,337, 6-17-58, Cl. 302-17.
- Dean, Raymond M.: *See*—
Cashman, Edward P., Corcoran, and Dean. 2,825,717.
- Dean, Reginald S., to Chicago Development Corp. Processes for making titanium. 2,830,893, 4-15-58, Cl. 75-84.
- Dean, Reginald S., to Chicago Development Corp. Process for producing titanium and zirconium. 2,838,393, 6-10-58, Cl. 75-84.4.
- Dean, Reginald S., and F. X. McCawley, to Chicago Development Corp. Pure chromium. 2,863,765, 12-9-58, Cl. 25-176.
- Dean, Ronald A.: *See*—
McNeill, Eric, and Dean. 2,846,357.
- Dean, Russel T., and J. P. Manasia, to Interchemical Corp. Modified polycarboxylic acid-polymeric polyhydric alcohol resinous product. 2,848,431, 8-19-58, Cl. 260-19.
- Dean, Walter B., to The Budd Co. Railway disk brakes. 2,861,654, 11-25-58, Cl. 188-59.
- Dean, Walter B., and D. L. Buchanan, to The Budd Co. Toilet bowl assembly and mounting. 2,820,967, 1-28-58, Cl. 4-8.
- Dean, Walter B., and H. W. Wessells, III, to The Budd Co. Car diaphragm assembly. 2,826,998, 3-18-58, Cl. 105-10.
- Dean, Walter B., and D. L. Buchanan, to The Budd Co. Air conditioning installation for passenger vehicles. 2,855,763, 10-14-58, Cl. 62-302.
- Dean, Walter N.: *See*—
Frank, Robert L., Durbin, and Dean. 2,857,594.
- Dean, Wayne J. Wiper for oil well sucker rods and the like. 2,866,217, 12-30-58, Cl. 15-210.
- Dean, Willard W.: *See*—
Beakley, John W., and Dean. 2,854,384.
- De Angelis, Angelo C., to Dynamics Corp. of America. Blender for materials. 2,861,785, 11-25-58, Cl. 259-108.
- De Angelis, Armand, to American Optical Co. Ophthalmic mountings. 2,828,668, 4-1-58, Cl. 88-53.
- De Angelis, Armand, E. D. Hoyt, and N. S. Di Lorenzo, to American Optical Co. Ophthalmic mountings. 2,832,260, 4-29-58, Cl. 88-41.
- De Angelo, Michael A., to General Motors Corp. Striker for a door latch. 2,828,996, 4-1-58, Cl. 292-341.13.
- Deans, William, to I-T-E Circuit Breaker Co. Electromagnetic delatching means. 2,821,595, 1-28-58, Cl. 200-88.
- Dearborn Brass Co.: *See*—
Bleakley, Norman F. 2,834,615.
- Dearborn Chemical Co.: *See*—
Denman, Wayne L. Re. 2,473.
Mellick, Charles. 2,824,078.
Ross, Frank, and Mellick. 2,824,782.
Ross, Frank, and Mellick. 2,848,298.
- Dearborn, Elizabeth C.: *See*—
Shepherd, Ridgley G., Jr., and Dearborn. 2,857,362.
Shepherd, Ridgley G., Jr., and Dearborn. 2,863,852.
- Dearborn Fabricating & Engineering Co.: *See*—
Daigle, Leo T. 2,845,701.
- Dearborn, Frederick B. Esters of glycols and sulfurized fatty acids. 2,845,438, 7-29-58, Cl. 260-327.
- Dearborn Gage Co.: *See*—
Ellstrom, Elmer, Sr. 2,853,786.
- Dearborn, John W. Workholding fixture. 2,831,695, 4-22-58, Cl. 279-5.
- Dearborn Stove Co.: *See*—
Kleinmann, Erwin S., Keller, Moore, Horn, and Lindblom. 2,838,991.
Marshall, William A., Alexander, and Keller. 2,822,217.
- Deardorff, Clinton E., to Bendix Aviation Corp. Plate type valve. 2,852,040, 9-16-58, Cl. 137-624.
- Dearing, Anderson G. Chair arm table. 2,865,432, 12-23-58, Cl. 155-128.
- De Armond, William R., to Amelco, Inc. Impedance measuring device. 2,839,723, 6-17-58, Cl. 324-51.
- Dearsley, George, to American Machine & Foundry Co. Cigarette machine feed. 2,841,154, 7-1-58, Cl. 131-109.
- Deaton, Charles U. Posture chairs. 2,838,095, 6-10-58, Cl. 155-157.
- Deaton, Charles U., and C. D. Graber, to Diebold, Inc. Dial construction. 2,858,692, 11-4-58, Cl. 70-332.
- Deaton, Charles U., and C. D. Graber, to Diebold, Inc. Bolt and lock construction. 2,860,584, 11-18-58, Cl. 109-59.
- Deats, John S. Adjustable vertical sliding sash. 2,834,070, 5-13-58, Cl. 20-52.
- Deavers, Clyde J., to General Electric Co. Torque sensing device. 2,836,061, 5-27-58, Cl. 73-136.
- De Back, William, to Food Machinery and Chemical Corp. Fruit end trimmer. 2,818,899, 1-7-58, Cl. 146-81.
- De Back, William, to Food Machinery and Chemical Corp. Peeling machine having pear indexing means. 2,866,486, 12-30-58, Cl. 146-43.
- De Bastos, Emil N., and A. W. Weller, to Resina Automatic Machinery Co., Inc. Container capping machines. 2,839,882, 6-24-58, Cl. 53-315.
- De Baum, John E. Magazine type safety razor. 2,857,667, 10-28-58, Cl. 30-40.
- Débaz, André. Dismantleable injection syringe. 2,829,643, 4-8-58, Cl. 128-218.

- De Beaubien, William J., to General Motors Corp. Automotive heating, ventilating and defrosting system. 2,821,894, 2-4-58, Cl. 98-2.
- De Beaubien, William J., H. S. Kaiser, and J. R. Holmes, to General Motors Corp. Vehicle air conditioning systems. 2,831,327, 4-22-58, Cl. 62-117.1.
- De Bell, Ernest A., to The Plessey Co. Ltd. Variable resistors. 2,829,224, 4-1-58, Cl. 201-55.
- De Benedetti, Frank J.: *See—*
- Wells, William H., and De Benedetti. 2,854,681.
- De Benneville, Peter L.: *See—*
- Exner, Lawrence J., and De Benneville. 2,836,611.
- Hurwitz, Marvin J., and De Benneville. 2,865,899.
- Hurwitz, Marvin J., and De Benneville. 2,865,918.
- Luskin, Leo S., and De Benneville. 2,833,751.
- De Benneville, Peter L., to Rohm & Haas Co. N-cyano-N-alkylaminoalkyl esters. 2,834,765, 5-13-58, Cl. 260-86.1.
- De Benneville, Peter L., to Rohm & Haas Co. 2 amino ethyl 33 dimethyl norcamphane. 2,843,587, 7-15-58, Cl. 260-247.
- De Benneville, Peter L., to Rohm & Haas Co. Derivatives of imidazolidinone and pyrimidinone. 2,858,319, 10-28-58, Cl. 260-309.7.
- De Benneville, Peter L., and C. L. Levesque, to Rohm & Haas Co. Preparation of amides. 2,820,801, 1-21-58, Cl. 260-404.
- De Benneville, Peter L., and L. S. Luskin, to Rohm & Haas Co. Oxazine and oxazoline derivatives. 2,831,858, 4-22-58, Cl. 260-244.
- De Benneville, Peter L., and M. J. Hurwitz, to Rohm & Haas Co. Unsaturated aminosilanes, polymers thereof and methods of making them. 2,817,409, 8-12-58, Cl. 260-89.7.
- De Benneville, Peter L., and H. J. Sims, to Rohm & Haas Co. Guanamine derivatives. 2,857,382, 10-21-58, Cl. 260-249.9.
- De Benneville, Peter L., and M. J. Hurwitz, to Rohm & Haas Co. Polyethylenically unsaturated polysiloxanes. 2,865,884, 12-23-58, Cl. 260-46.5.
- De Benneville, Peter L., and M. J. Hurwitz, to Rohm & Haas Co. Polyethylenically unsaturated substituted bis-amino polysiloxanes. 2,865,885, 12-23-58, Cl. 260-46.5.
- De Biasi, Charles P. Material spreader for a vehicle. 2,827,205, 3-18-58, Cl. 222-178.
- De Blasio, Conrad G. Alternating current regulator. 2,830,255, 4-8-58, Cl. 323-45.
- De Blasio, Conrad G. Direct current power source. 2,840,777, 6-24-58, Cl. 323-22.
- De Blasio, Conrad G. Direct current power source. 2,847,636, 8-12-58, Cl. 323-22.
- De Blasio, James Z. Shoe heel. 2,853,808, 9-30-58, Cl. 36-34.
- De Boer, Frank E., and E. Field, to Standard Oil Co. Hydrocarbon conversion process and catalysts. 2-861,960, 11-25-58, Cl. 252-466.
- De Boisblanc, Deslondre R.: *See—*
- McCollom, Kenneth A., and De Boisblanc. 2,830,191.
- De Boisblanc, Deslondre R., to Phillips Petroleum Co. Detecting device. 2,847,643, 8-12-58, Cl. 324-71.
- De Boisblanc, Deslondre R., M. E. Thomas, R. M. Jones, G. H. Hanson, J. W. Webster, and C. F. Leyse, to United States of America, Atomic Energy Commission. Engineering test reactor. 2,857,324, 10-21-58, Cl. 204-193.2.
- De Borger, Hendrik M. A., to Naamloze Vennootschap Voorheen Gebroeders Slaets. Articulated closure and element thereof. 2,830,660, 4-15-58, Cl. 160-229.
- De Bos, Marcel O., and L. B. Hunt, Jr., to General Motors Corp. Folding extensible arm rest. 2,841,212, 7-1-58, Cl. 155-198.
- De Bourguies, Jacques, to P. Defontenay. Mode of connection between pinions and shafts. 2,845,696, 8-5-58, Cl. 29-159.2.
- Debrie, Andre V. L. C. Cells for the treatment of cinematographic films. 2,829,576, 4-8-58, Cl. 95-96.
- Debrie, André V. L. C. Head supports for magnetic recorders. 2,832,599, 4-29-58, Cl. 274-4.
- Debrie, André V. L. Friction device for film spools. 2,859,919, 11-11-58, Cl. 242-55.11.
- De Brocke, Ben H. Impact actuated circuit closers, adjustable for simultaneous and delayed action. 2,861,141, 11-18-58, Cl. 200-61.41.
- Debs, Jerome H., to Chicago Metallic Mfg. Co. Baking pan. 2,834,505, 5-13-58, Cl. 220-72.
- De Buigne, Frank, to LaSalle Tool, Inc. Apparatus for handling and shuttling parts. 2,818,963, 1-7-58, Cl. 198-19.
- Debuit, Louis, to Etablissements Merlin & Gerin. Recoil mechanism for recoil-operated firearms. 2,843,023, 7-15-58, Cl. 89-132.
- Debuit, Louis, to Etablissements Merlin & Gerin. Locking mechanism with passage of the mobile member through a dead point position. 2,844,971, 7-29-58, Cl. 74-527.
- De Burgh, Raymond J. Magnetic conveyor. 2,824,638, 2-25-58, Cl. 198-41.
- Debus, Allen G.: *See—*
- Braaten, Willard C., Debus, and Bauer. 2,858,329.
- De Bus, Elizabeth B., to Beml Enterprises. Stitching line guiding device. 2,827,868, 3-25-58, Cl. 112-151.
- Debus, Karl, to Linotype Gesellschaft mit beschränkter Haftung. Device for trimming the backs of slugs in line composing and casing machines. 2,861,678, 11-25-58, Cl. 199-59.
- Debus, Karl, and K. Heimel, to Linotype Gesellschaft mit beschränkter Haftung. Line-composing and casting machines. 2,847,116, 8-12-58, Cl. 199-45.
- Decam Corp.: *See—*
- Alexander, Perry L., Hartis, and Wilkens. 2,860,762.
- DeCanio, Dominick M., to Universal Form Clamp Co. Continuous dowel bar support. 2,864,289, 12-16-58, Cl. 94-8.
- De Capitani, Francesco. Cigarette with igniter element and method of making such cigarette. 2,844,152, 7-22-58, Cl. 131-7.
- De Capua, William T., to Wayne Works, Inc. Windshield construction for vehicles. 2,832,638, 4-29-58, Cl. 296-84.
- De Castro, Arthur: *See—*
- Leonard, Francis J., De Castro, and Groll. 2,843,551.
- Decaudaveine, Paul-Albert, to Forges et Ateliers de Construction Electriques de Jeumont. Means and method of securing winding coil ends. 2,848,634, 8-19-58, Cl. 310-260.
- Decca Record Co. Ltd., The: *See—*
- Easy, Maurice H., and Tuthill. 2,858,532.
- Holden, Alfred T. 2,829,530.
- Matthews, Robert. 2,849,708.
- O'Brien, William J., and Bridges. 2,838,753.
- O'Brien, William J., and Hawker. 2,844,816.
- Tanner, Stanley R., and Burr. 2,834,955.
- Decelo-Chute Corp.: *See—*
- Hand, George J., Sr. Re. 2,4561.
- De Cerma, Paolo, to Montecatini Società Generale per l'Industria Mineraria e Chimica. Production of oxalate coatings on iron and steel. 2,863,791, 12-9-58, Cl. 148-6.14.
- De Cerma, Paolo, to Montecatini Società Generale per l'Industria Mineraria e Chimica. Method of maintaining the efficiency of phosphate coating baths used at room temperature. 2,863,793, 12-9-58, Cl. 148-6.15.
- De Cesare, Dominic V. Eraser cleaners. 2,862,339, 12-2-58, Cl. 51-186.
- De Changy, Gilbert, to Electricite de France-Service National-Direction des Etudes et Recherches. Rotary multiplying-dividing device. 2,838,236, 6-10-58, Cl. 235-63.
- De Changy, Gilbert, to Electricite de France-Service National-Direction des Etudes et Recherches. Automatic selective and cyclical control device. 2,866,311, 12-30-58, Cl. 74-1.
- Deck, George C. Garment hanger. 2,827,212, 3-18-58, Cl. 223-96.
- Deckel, Friedrich W.: *See—*
- Fahlenberg, Paul. 2,849,936.
- Gebele, Kurt. 2,829,574.
- Gebele, Kurt. 2,831,411.
- Gebele, Kurt, and Singer. 2,849,938.
- Lankes, Richard. 2,838,889.
- Lankes, Richard. 2,854,887.
- Müller, Hanns. 2,849,799.
- Müller, Hanns. 2,860,419.
- Zwick, Kurt, and Müller. 2,851,910.
- Deckel, Hans: *See—*
- Fahlenberg, Paul. 2,849,936.
- Gebele, Kurt. 2,829,574.
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- Lankes, Richard. 2,838,889.
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- Müller, Hanns. 2,849,799.
- Müller, Hanns. 2,860,419.
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- Decker, Andrew H., and A. A. Meyer, to Warner Electric Brake & Clutch Co. Welding control apparatus. 2,235,864, 5-20-58, Cl. 323-36.
- Decker, Charles A., and K. Eder, to Arvey Corp. Display structure. 2,824,395, 2-25-58, Cl. 40-125.
- Decker, Elmer L.: *See—*
- Willis, Robert S. 2,823,699.
- Decker, Frederick J., and M. H. Gregg, to The Caldwell Mfg. Co. Double helix sash balance. 2,825,088, 3-4-58, Cl. 16-197.
- Decker, Frederick J., and M. H. Gregg, to The Caldwell Mfg. Co. Window sash balance. 2,851,721, 9-16-58, Cl. 16-197.
- Decker, Gertrude G.: *See—*
- Giles, James E. 2,826,508.
- Decker, Joseph L. Gearless differential. 2,841,036, 7-1-58, Cl. 74-650.
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- McCaw, Stanley W. 2,832,995.
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- Pittman, George F., Jr., Decker, and Bright. 2,824,697.
- Decker, Robert W. Cotter key bending tool. 2,821,100, 1-28-58, Cl. 81-15.
- Decker, Robert W. Cotter key securing tool. 2,851,874, 10-7-58, Cl. 81-15.
- Decker, William H.: *See—*
- Campbell, Oliver F., and Decker. 2,853,455.
- De Coene, Robert, to Solvick Société Anonyme. Process for polymerizing vinyl chloride in aqueous dispersion. 2,829,133, 4-1-58, Cl. 260-92.8.
- De Coene, Robert, to Solvick Société Anonyme. Process for polymerizing vinyl chloride in aqueous emulsion. 2,829,134, 4-1-58, Cl. 260-92.8.
- De Coriolis, Ernest G., C. C. Sykes, and R. Hanna, to Surface Combustion Corp. Dew point apparatus. 2,852,095, 9-16-58, Cl. 183-62.

- De Coriolis, Ernest G., W. M. Hepburn, J. J. Turin, and E. K. Bastress, deceased (by A. J. Conkle, legal representative) to Surface Combustion Corp. Induction heating apparatus and method. 2,852,650, 9-16-58, Cl. 219—10,67.
- Decosse, Edmond R. Extensible house trailer. 2,832,637, 4-29-58, Cl. 296—26.
- De Courcey, Dennis G.: *See—*
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- De Coursey, Everson M., to Dana Corp. Friction clutch plate. 2,826,902, 3-18-58, Cl. 64—27.
- De Curtis, Frank. Support for small tools. 2,856,799, 10-21-58, Cl. 77—19.
- De Dapper, Jay W., to North American Aviation, Inc. Rocket motor liquid propellant combination. 2,865,727, 12-23-58, Cl. 52—5.
- Dede, Joseph B., and D. A. Watson, to Monsanto Chemical Co. Laminate adhesive comprising a protein and a quadri-component interpolymers and process for preparing same. 2,862,896, 12-2-58, Cl. 260—8.
- Dedek, Frank G., to Burroughs Corp. Magnetic record and record-controlled mechanism. 2,833,475, 5-6-58, Cl. 235—61,12.
- Dedmon, James F. Wirebound cleated plywood or corrugated fiber box. 2,864,523, 12-16-58, Cl. 217—42.
- Dedrick, Francis J. Swivels. 2,866,293, 12-30-58, Cl. 43—43,13.
- Deeco, Inc.: *See—*
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- Deegan, Richard C., to Bell Aircraft Corp. Weighing control. 2,857,126, 10-21-58, Cl. 249—2.
- Deeley-Jones, Arnold E. to General Motors Corp. Exhaust means. 2,818,932, 1-7-58, Cl. 180—64.
- Deer, James W., to Iron Fireman Mfg. Co. Gravity responsive control system. 2,834,214, 5-13-58, Cl. 74—5,6.
- Deer, James W., to Iron Fireman Mfg. Co. Gravity sensing potentiometer. 2,834,215, 5-13-58, Cl. 74—5,47.
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- Deere & Co.: *See—*
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Hess, Christian H. 2,856,792.
Hubbard, Arthur L. 2,855,743.
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- Deere, John, Plow Co. (Ltd.): *See—*
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- Deerhake, William J.: *See—*
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- Deerhake, William J., C. R. Borders, and B. L. Havens, to International Business Machines Corp. Checking circuit. 2,826,359, 3-11-58, Cl. 235—61.
- Deering Milliken Research Corp.: *See—*
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- Deeter, Charles J.: *See—*
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- Deeter, Lester W. Boat carrier having individually suspended wheels. 2,844,383, 7-22-58, Cl. 280—124.
- De Faymoreau, Etienne, to International Telephone and Telegraph Corp. Relay control circuit. 2,833,967, 4-6-58, Cl. 317—149.
- Defensor A. G.: *See—*
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- Deffenbaugh, Edmund F.: *See—*
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- Deffenbaugh, Edmund F., and H. L. Malone, to Eastman Kodak Co. Self cocking shutter with double exposure prevention device. 2,865,272, 12-23-58, Cl. 95—31.
- De Fligue, Vladimir. Double pole electromagnetic switching device. 2,827,529, 3-18-58, Cl. 200—93.
- De Flon, James G., to The Fluor Corp., Ltd. Baffled spray nozzle. 2,860,919, 11-18-58, Cl. 299—121.
- Deflorin, Alberto: *See—*
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- De Foa, Walter F., to Massey-Ferguson Inc. Spreader with hinged hopper and removable agitator. 2,851,200, 9-9-58, Cl. 222—274.
- Defoe, Edward C., to California Research Corp. Continuous hydrocarbon oil treating and filter regeneration. 2,854,406, 9-30-58, Cl. 208—305.
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De Bourges, Jacques. 2,845,696.
- De Fore, Thomas M. Device for mounting and/or removing flexible members. 2,831,379, 4-22-58, Cl. 81—3.
- De Forest, Taber, to Magnaflex Corp. Permanent magnet yoke. 2,832,922, 4-29-58, Cl. 317—203.
- De Forest, Taber, to Magnaflex Corp. Indicating powder composition. 2,848,421, 8-19-58, Cl. 252—408.
- De Fouw, Max. Air-conditioning-apparatus control-device. 2,846,546, 8-5-58, Cl. 200—140.
- De Franco, Nicholas B. Tissue and dispenser. 2,823,089, 2-11-58, Cl. 312—39.
- De Franco, Victor R.: *See—*
Noland, Joseph T., Jr., and De Franco. 2,855,740.

- De Frees, Joseph H. Liquid volume-level indicator. 2,844,121, 7-22-58, Cl. 116-118.
- De Gaeta, Albert M., and F. W. Klimm. Electric welding method. 2,843,724, 7-15-58, Cl. 219-96.
- De Gain, William J., to Koppy Tool and Die Co. Tube piercing machine. 2,829,983, 4-8-58, Cl. 164-108.
- Degallier, Edmond: See—
- Henchoz, Marcel, and Degallier. 2,831,874.
- De Garbo, Theodore. Automatic fuel supply cut-off device for engines. 2,855,174, 10-7-58, Cl. 251-61.
- De Gasso, John. Quick release fastening. 2,839,165, 6-17-58, Cl. 189-36.
- De Gaston, Raoul H. Magnetic tool guide. 2,818,655, 1-7-58, Cl. 33-189.
- De Gagne, Charles L. E., Jr., and R. T. Halstead, to Johns-Manville Corp. Composition brake block. 2,861,964, 11-25-58, Cl. 260-17.4.
- Dege, John S. Fish plug. 2,854,780, 10-7-58, Cl. 43-42.6.
- De Gier, Johannes, and J. C. Janssen, to North American Philips Co., Inc. Life indicator for high voltage tubes. 2,860,302, 11-11-58, Cl. 324-20.
- Degelman, John. $\frac{1}{2}$ to T. H. Ballantine, Jr., and $\frac{1}{2}$ to J. H. Drew. Electrode discharge control for surgical apparatus. 2,827,056, 3-18-58, Cl. 128-442.
- Degen, Wilhelm. Filter, especially for piped wells. 2,843,209, 7-15-58, Cl. 166-228.
- Degen, Wilhelm. Excavation implement. 2,843,362, 7-15-58, Cl. 255-061.
- Degenhart, Charles. Deburring and chamfering hand tool. 2,865,237, 12-23-58, Cl. 77-73.
- De George, Edward C.: See—
- Rowan, Hartley D., and De George. 2,849,032.
- De Georges, Ernest M., and J. Leheureau, to Progil. Purification of the gamma isomer of benzene hexachloride. 2,834,817, 5-13-58, Cl. 260-648.
- De Geronimo, Joseph P.: See—
- Ricciardi, Louis G., and De Geronimo. 2,843,612.
- Degger, Wolter W. J.: See—
- De Ronde, Frans C., and Degger. 2,828,639.
- Degginger, Edward R., to Allied Chemical Corp. Herbicides related to 1,4,5,6-tetrachlorobicyclo (2.2.1)-5-heptene. 2,864,680, 12-16-58, Cl. 71-2.3.
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- De Giers, Clarence A., to The Liquidometer Corp. Compensating capacitor. 2,864,981, 12-16-58, Cl. 317-246.
- Degkwitz, Robert R., to Merck & Co., Inc. Vitamin emulsions. 2,832,721, 4-29-58, Cl. 167-81.
- Degkwitz, Robert R., to Merck & Co., Inc. Aqueous fat emulsions and process for preparing the same. 2,833,419, 9-23-58, Cl. 167-66.
- Degler, Heinrich, to Albiswerk Zurich A. G. Machine for the production of a paraboloidal body. 2,821,813, 2-4-58, Cl. 51-2.
- Degnen, William J., to M. W. Kellogg Co. Fluid system for use in conversion and reforming of hydrocarbons. 2,865,846, 12-23-58, Cl. 208-147.
- De Graaf, Johannes G. A., A. H. de H., and D. Zaalberg, to Maschinfabrik Kieken N. V. Liquid-electrostatic precipitation. 2,864,458, 12-16-58, Cl. 183-7.
- De Graaf, Wilhelmus P.: See—
- Van der Wolf, Rein W., and De Graaf. 2,827,391.
- De Grazia, Joseph, to United States of America. Army. Hand pocket for garment sleeve. 2,841,794, 7-8-58, Cl. 2-247.
- De Groff, Mark E. Electro-sonic apparatus. 2,830,578, 4-15-58, Cl. 128-24.5.
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- De Groff, William B., to Aro Equipment Corp. Pneumatic drill construction. 2,860,531, 11-18-58, Cl. 77-33.5.
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- De Groot, John W., Jr., and B. F. Hofferth, to Armstrong Cork Co. Paint composition containing vehicle comprising vinyl toluene-sicative oil copolymer and nondrying alkyd resin. 2,857,347, 10-21-58, Cl. 260-22.
- De Groote, Melvin, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins. 2,819,224, 1-7-58, Cl. 252-344.
- De Groote, Melvin, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins. 2,819,225, 1-7-58, Cl. 252-344.
- De Groote, Melvin, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins. 2,819,226, 1-7-58, Cl. 252-344.
- De Groote, Melvin, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins. 2,819,227, 1-7-58, Cl. 252-344.
- De Groote, Melvin, to Petrolite Corp. Reaction products of carboxylated phenol-aldehyde resins and amine-modified phenol-aldehyde resins and process of making same. 2,819,240, 1-7-58, Cl. 260-43.
- De Groote, Melvin, to Petrolite Corp. Reaction products of carboxylated phenol-aldehyde resins and amine-modified phenol-aldehyde resins and process of making same. 2,819,241, 1-7-58, Cl. 260-43.
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- De Groote, Melvin, to Petrolite Corp. Certain oxazolines, certain pentoxazolines, certain bis-oxazolines, and certain bis-pentoxazolines, and method of making same. 2,819,250, 1-7-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Amine-modified thermoplastic phenol-aldehyde resins, and method of making same. 2,828,284, 3-25-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Amine-modified thermoplastic phenol-aldehyde resins, and method of making same. 2,828,285, 3-25-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Oxypropylated derivatives of substituted phenol-sulfonic acid salts and method of making same. 2,828,334, 3-25-58, Cl. 260-512.
- De Groote, Melvin, to Petrolite Corp. Certain amine-modification thermoplastic phenol-aldehyde salts and method of making same. 2,839,497, 6-17-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Certain amine-modified thermoplastic phenol-aldehyde resin salts and method of making same. 2,839,498, 6-17-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Certain amine-modified thermoplastic phenol-aldehyde resin salts and method of making same. 2,839,499, 6-17-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Gluconic acid salts of certain amine-modified thermoplastic phenol-aldehyde resins, and method of making same. 2,839,500, 6-17-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Gluconic acid salts of certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins, and method of making same. 2,839,501, 6-17-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Gluconic acid salts of certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins, and method of making same. 2,839,502, 6-17-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Gluconic acid salts of certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins, and method of making same. 2,839,503, 6-17-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Gluconic acid salts of certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins, and method of making same. 2,839,504, 6-17-58, Cl. 260-53.
- De Groote, Melvin, to Petrolite Corp. Process for breaking petroleum emulsions employing certain amine-modified thermoplastic phenol-aldehyde resins. 2,854,414, 9-30-58, Cl. 252-344.
- De Groote, Melvin, to Petrolite Corp. Process for breaking petroleum emulsions employing certain amine-modified thermoplastic phenol-aldehyde resins. 2,854,415, 9-30-58, Cl. 252-344.
- De Groote, Melvin, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated amine-modified thermoplastic phenol-aldehyde resins. 2,854,416, 9-30-58, Cl. 252-344.
- De Groote, Melvin, and K. T. Shen, to Petrolite Corp. Process for breaking petroleum emulsions employing certain polypoxide modified oxyalkylation derivatives, said derivatives obtained in turn by oxyalkylation of phenol-aldehyde resins. 2,819,212, 1-7-58, Cl. 252-331.
- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Process for breaking petroleum emulsions employing certain tetramethylolcyclohexanols. 2,819,213, 1-7-58, Cl. 252-331.
- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated tetramethylolcyclohexanols. 2,819,214, 1-7-58, Cl. 252-331.
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- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated dipentaerythritols. 2,819,216, 1-7-58, Cl. 252-331.
- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated dipentaerythritols. 2,819,217, 1-7-58, Cl. 252-331.
- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated tripentaerythritols. 2,819,218, 1-7-58, Cl. 252-331.
- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated tripentaerythritols. 2,819,219, 1-7-58, Cl. 252-331.

- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylated pentaerythritols. 2,819,220, 1-7-58, Cl. 252-331.
- De Groote, Melvin, and K.-T. Shen, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylation products derived in turn from reactive nitrogen-containing compounds and polyepoxides. 2,819,222, 1-7-58, Cl. 252-344.
- De Groote, Melvin, and K.-T. Shen, to Petrolite Corp. Process for breaking petroleum emulsions employing certain oxyalkylation products of reactive nitrogen containing compounds. 2,819,223, 1-7-58, Cl. 252-344.
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- De Groote, Melvin, and A. H. Smith, to Petrolite Corp. Process for breaking petroleum emulsions. 2,828,267, 3-25-58, Cl. 252-332.
- De Groote, Melvin, and A. H. Smith, to Petrolite Corp. Process for breaking petroleum emulsions. 2,828,269, 3-25-58, Cl. 252-339.
- De Groote, Melvin, and K. Shen, to Petrolite Corp. Certain polyepoxide treated amine modified thermoplastic phenol-aldehyde resins and method of making same. 2,828,276, 3-25-58, Cl. 260-45.
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- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Certain non-ionic surfactants and method of making same. 2,839,476, 6-17-58, Cl. 260-2.
- De Groote, Melvin, and O. H. Pettingill, to Petrolite Corp. Certain non-ionic surfactants and method of making same. 2,839,477, 6-17-58, Cl. 260-2.
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- De Groote, Melvin, and K.-T. Shen, to Petrolite Corp. Aromatic polyepoxide treated derivatives of alkylene oxide-amine modified-phenolic resins, and method of making same. 2,854,430, 9-30-58, Cl. 260-45.
- De Groote, Melvin, and K.-T. Shen, to Petrolite Corp. Aromatic polyepoxide treated derivatives of alkylene oxide-amine modified-phenolic resins, and method of making same. 2,854,431, 9-30-58, Cl. 260-45.
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- De Groote, Melvin, and K.-T. Shen, to Petrolite Corp. Aromatic polyepoxide treated derivatives of alkylene oxide-amine modified-phenolic resins, and method of making same. 2,854,433, 9-30-58, Cl. 260-45.
- De Groote, Melvin, K.-T. Shen, and J.-P. Cheng, to Petrolite Corp. New polyepoxides, particularly diepoxides, and method of making same. 2,854,461, 9-30-58, Cl. 260-348.
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- De Groote, Melvin, and K.-T. Shen, to Petrolite Corp. Certain polyepoxide treated amine-modified thermoplastic phenol-aldehyde resins, and method of making same. 2,864,788, 12-16-58, Cl. 260-45.
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- De Groote, Melvin, and K.-T. Shen, to Petrolite Corp. Aliphatic polyepoxide treated derivatives of alkylene oxide-amine modified-phenolic resins, and method of making same. 2,864,794, 12-16-58, Cl. 260-45.
- De Groote, Melvin, and K. Shen, to Petrolite Corp. Oxyalkylated aliphatic polyepoxide-treated amine-modified phenol aldehyde resins, and method of making same. 2,864,795, 12-16-58, Cl. 260-45.
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- De Groote, Melvin, and K. Shen, to Petrolite Corp. Aliphatic polyepoxide treated amine-modified phenol-aldehyde resins and method of making same. 2,864,799, 12-16-58, Cl. 260-45.1.
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- De Groote, Melvin, and K. Shen, to Petrolite Corp. Certain oxylation derivatives of polyepoxide modified phenol-aldehyde resins. 2,864,806, 12-16-58, Cl. 260-53.
- De Haan, Ritzo E., to U. S. Slicing Machine Co., Inc. Weighing apparatus. 2,825,548, 3-4-58, Cl. 265-56.5.
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- De Havilland Engine Co. Ltd., The: See—
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- Dehmel, Richard C. Flight computing system and apparatus. 2,842,867, 7-15-58, Cl. 35-12.
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- Deisenroth, Robert J., and H. E. Wintrow, to The Troy Sunshade Co. Umbrella. 2,819,725, 1-14-58, Cl. 135-20.
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- Delst, Herbert H., to The Firestone Tire & Rubber Co. Vehicle suspension. 2,848,956, 8-26-58, Cl. 105-199.
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- Deiters, August M., to Southern Wood Preserving Co. Wood-working machine provided with means for automatically positioning its planer head, responsive to dimensional variations in work pieces. 2,830,629, 4-15-58, Cl. 144-117.
- Deltrickson, Roy H., to The National Supply Co. Downwell pump. 2,841,086, 7-1-58, Cl. 103-46.
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- De Leonardis, Michael J. Construction of a stream exhaust valve for venting radiators. 2,845,227, 7-29-58, Cl. 236-66.
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- De Mart, Le Roy S., to Diamond Power Specialty Corp. Control system for soot blowers of the puff type. 2,825,923, 3-11-58, Cl. 15-318.
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- Dempster Mill Mfg. Co.: *See*—
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- Demurjian, Ashod C. Standoff terminals. Re. 24,488, 6-17-58, Cl. 174-166.
- Demurjian, Ashod C. Molded terminal block. 2,849,699, 8-26-58, Cl. 339-198.
- Demuth, Charles, to Charles Demuth & Sons, Inc. Air distributing devices. 2,848,935, 8-26-58, Cl. 98-40.
- Demuth, Charles, & Sons, Inc.: *See*—
Demuth, Charles. 2,848,935.
- De Muth, Russell T., to Curtiss-Wright Corp. Propeller automatic feathering means. 2,860,714, 11-18-58, Cl. 170-160.13.
- De Namur, Norman F.: *See*—
Walworth, Robert S., and De Namur. 2,846,738.
- De Namur, Norman F., to Berlin Chapman Co. Swimming pool. 2,836,832, 6-3-58, Cl. 4-172.
- Denaux, Louis M. Inertia operated choke for shotguns. 2,861,376, 11-25-58, Cl. 42-79.
- De Navarro, Jose M.: *See*—
Jessup, Alfred C., and Petch. 2,829,973.
- Den Beste, Marion: *See*—
Whitman, Ross, and Den Beste. 2,840,086.
- Denby, James F.: *See*—
Allum, Robin D., Denby, and Pearce. 2,860,190.
- Dence, Donald S., to Clark Equipment Co. Transmission remote control device for tilt cab vehicles. 2,854,088, 9-30-58, Cl. 180-77.
- Dench, Edward C., to Raytheon Mfg. Co. Electron discharge devices. 2,828,443, 3-25-58, Cl. 315-39.3.
- Dench, Edward C., to Raytheon Mfg. Co. Traveling wave tube. 2,834,915, 5-13-58, Cl. 315-39.3.
- Dench, Edward C., to Raytheon Mfg. Co. Electron discharge device. 2,840,757, 6-24-58, Cl. 315-39.3.
- Dench, Edward C., to Raytheon Mfg. Co. Traveling wave electron discharge devices. 2,844,797, 7-22-58, Cl. 332-25.
- Dench, Edward C., to Raytheon Mfg. Co. Magnetron amplifiers. 2,850,671, 9-2-58, Cl. 315-39.3.
- Dench, Edward C., to Raytheon Mfg. Co. Traveling wave oscillators. 2,859,380, 11-4-58, Cl. 315-39.3.
- Dench, Edward C., to Raytheon Mfg. Co. Magnetron oscillators. 2,863,092, 12-2-58, Cl. 315-39.3.
- Dench, Edward C., to Raytheon Mfg. Co. Traveling wave electron discharge devices. 2,865,004, 12-16-58, Cl. 332-7.
- Dench, Edward C., and R. A. Handy, to the United States of America as represented by the Secretary of the Navy. Vane type network attenuation means. 2,823,335, 2-11-58, Cl. 315-39.3.

- Dench, Edward C., and R. A. Paananen, to Raytheon Mfg. Co. Parallel operations of traveling wave oscillators. 2,842,667, 7-8-58, Cl. 250-36.
- Dench, Ronald E., and G. A. Lee, to A. W. Peck. Machine for producing blocks or slabs of breeze, concrete or other aggregate or material. 2,833,019, 5-6-58, Cl. 25-41.
- Dendrol, Inc.: *See*—
- Snyder, Francis H. 2,851,468.
- Den Haan, José J. W.: *See*—
- Rinia, Herre, den Haan, Dros, and Van Weenen. 2,824,430.
- Den Haan, Jose J. W., to North American Philips Co., Inc. Regenerator for use in hot gas reciprocating engines. 2,833,523, 5-6-58, Cl. 257-6.
- Den Hertog, Martinus: *See*—
- Ducamp, André, and den Hertog. 2,862,060.
- Den Hollander, Johannes C.: *See*—
- Van Wingerden, Aart, and den Hollander. 2,829,468.
- Dening, Donald G.: *See*—
- Jorgensen, Clarence H., and Dening. 2,828,400.
- Dening, Donald G., to General Motors Corp. Circuit breaker for cigar lighter. 2,858,409, 10-28-58, Cl. 219-32.
- Dening, Robert D., and L. H. Garlinghouse, to Garlinghouse Bros. Material working machine. 2,854,222, 9-30-58, Cl. 259-102.
- Dening, Robert D., and L. H. Garlinghouse, to Garlinghouse Brothers. Continuous crusher with fracturing disc obliquely overlying a material filled container. 2,856,133, 10-14-58, Cl. 241-90.
- Denis, Richard, to Etablissements Simon & Denis, Société Anonyme. Arrangement for comminuting and mincing foodstuff. 2,844,177, 7-22-58, Cl. 146-167.
- Denison, F. Evelyn: *See*—
- Denison, Henry W., and Johnson. 2,862,679.
- Denison, Frank W., Jr.: *See*—
- Friedland, Waldo C., Denison, and Peterson. 2,833,696.
- Denison, Frank W., Jr., W. C. Friedland, and M. H. Peterson, to Abbott Laboratories. Culture process for erythromycin B. 2,834,714, 5-13-58, Cl. 195-80.
- Denison, Henry W., and L. E. Johnson. Spinning reel. 2,828,088, 3-25-58, Cl. 242-84.2.
- Denison, Henry W., deceased (F. E. Denison, administratrix), and L. E. Johnson. Spinning reel. 2,862,679, 12-2-58, Cl. 242-84.2.
- Denison, Jack T., F. E. Edlin, and G. H. Whipple, to E. I. du Pont de Nemours and Co. Preparation of tetrafluoroethylene. 2,852,574, 9-16-58, Cl. 260-553.
- Denison, James H. Combined child's crib and dressing table. 2,851,700, 9-16-58, Cl. 5-93.
- Denison, Shell D. Vehicle actuated gate. 2,861,366, 11-25-58, Cl. 39-18.
- Denison, Sylvester P.: *See*—
- Meier, Arthur P., and Denison. 2,823,633.
- Denison, William E., to R. Whitney. Machine and method for making containers for comestibles. 2,841,055, 7-1-58, Cl. 93-1.
- Denker, Charles T. Panel structures. 2,836,863, 6-3-58, Cl. 20-91.
- Denkhaus, Otto O. S.: *See*—
- Jilski, Theodor W. E., and Denkhaus. 2,838,127.
- Denlay, Sidney W. Silk screen printing machine. 2,845,858, 8-5-58, Cl. 101-123.
- Denlinger, John F., to General Motors Corp. Surface heater. 2,850,614, 9-2-58, Cl. 219-37.
- Denman, Joe C., Jr., and R. Hansen, to Southern Pine Lumber Co. Volume measuring apparatus. 2,860,420, 11-18-58, Cl. 33-174.
- Denman, Robert R.: *See*—
- Conrad, Keith, and Denman. 2,837,871.
- Denman, Robert R., to Owens-Illinois Glass Co. Hydraulic valve control for intermittent driving mechanism. 2,832,235, 4-29-58, Cl. 74-822.
- Denman, Wayne L., to Dearborn Chemical Co. Method of treating waters, including boiler waters, and composition therefor. Re. 2,4473, 5-20-58, Cl. 210-59.
- Denn, Bernard L. Tent frame. 2,818,875, 1-7-58, Cl. 135-3.
- Dennerlein, William H.: *See*—
- Schladermundt, Peter, and Dennerlein. 2,823,672.
- Schladermundt, Peter, and Dennerlein. 2,823,673.
- Dennick, Kenneth R. Temperature and relative humidity controller device for air conditioning apparatus. 2,819,844, 1-14-58, Cl. 236-44.
- Dennie, Harry E., to Chase Bag Co. Liquid dispensing container. 2,831,610, 4-22-58, Cl. 222-105.
- Denning, Ralph M.: *See*—
- Markham, Basil G., and Denning. 2,838,132.
- Dennis Chemical Co.: *See*—
- Gollub, Frank, Wool, and Berberich. 2,842,459.
- Dennis, David H., to Specialties Development Corp. Pressurizing cartridge and pyrotechnic charge therefor. 2,865,456, 12-23-58, Cl. 169-6.
- Dennis, Emery W.: *See*—
- Coulston, Frederick, and Dennis. 2,844,509.
- Dennis, James R., to Seismograph Service Corp. Radio navigation system. 2,855,596, 10-7-58, Cl. 343-105.
- Dennis, Norman M. Grain insect tester. 2,820,147, 1-14-58, Cl. 250-83.3.
- Dennis, Paul A., and D. Dill, to Douglas Aircraft Co., Inc. Yaw damping system. 2,865,337, 12-23-58, Cl. 121-41.
- Dennis, Ralph E.: *See*—
- Ruck, Arthur L., Layne, and Dennis. 2,820,975.
- Ruck, Arthur L., Layne, and Dennis. 2,851,708.
- Dennis, Richard E. Confection box clip attachment for sun visors of automotive vehicles. 2,849,778, 9-2-58, Cl. 24-261.
- Dennis, Wolcott: *See*—
- Balcar, Frederick R., and Dennis. 2,864,757.
- Dennison, Brook J.: *See*—
- Smith, William G., and Dennison. 2,849,345.
- Dennison, Joseph D., Jr.: *See*—
- Epstein, Samuel, and Dennison. 2,857,299.
- Dennison Mfg. Co.: *See*—
- Flood, Carl A. 2,825,162.
- Flood, Carl A. 2,825,166.
- Flood, Carl A. 2,854,771.
- Shepherd, Ridgley G., Jr. 2,862,832.
- Swett, Alan M. 2,850,208.
- Dennison, R. A.: *See*—
- Frizzell, James O. 2,828,905.
- Dennison, Robert C., and A. C. Luther, Jr., to Radio Corp. of America. Television special effects circuits. 2,825,757, 3-4-58, Cl. 178-7.3.
- Dennison, Saml., & Son Ltd.: *See*—
- Lenton, Albert. 2,864,253.
- Denniss, Franklin H. Popcorn machine. 2,858,761, 11-4-58, Cl. 99-238.7.
- Denny, Otis N. Attachments for circular saws for sharpening and reconditioning saw blades therefor. 2,826,100, 3-11-58, Cl. 76-43.
- De Nobel, Dirk: *See*—
- Kroger, Ferdinand A., Basart, van den Boomgaard, Vink, Bloem, and De Nobel. 2,849,343.
- Kroger, Ferdinand A., and De Nobel. 2,865,794.
- De Nobel, Dirk, to North American Philips Co., Inc. Material removal from semiconductive metal telluride. 2,822,250, 2-4-58, Cl. 41-42.
- De Nobel, Dirk, to North American Philips Co., Inc. Method of making a cadmium-telluride semiconductive device. 2,822,299, 2-4-58, Cl. 117-200.
- De Nobel, Dirk, to North American Philips Co., Inc. Method of making electrical connection to semiconductive selenide or telluride. 2,865,793, 12-23-58, Cl. 117-200.
- De Nora, Oronzio, to Oronzio de Nora Impianti Elettrochimici. Bipolar electrolyser. 2,846,384, 8-5-58, Cl. 204-129.
- De Nora, Oronzio, Impianti Elettrochimici: *See*—
- De Nora, Oronzio. 2,846,384.
- De Normanville, Edgar J., 1/2 to Auto Transmissions Ltd. Vehicle power transmission mechanisms. 2,851,907, 9-16-58, Cl. 74-781.
- De Noyers, Emil J.: *See*—
- McCarthy, Orin P., De Noyers, and McKenney. 2,847,541.
- De Noyers, Emil J., to General Electric Co. Switch operating mechanism. 2,845,821, 8-5-58, Cl. 74-804.
- Densmore, Neal W., to Joy Mfg. Co. Transfer mechanism for auger drills. 2,846,093, 8-5-58, Cl. 214-130.
- Densmore, Neal W., to Joy Mfg. Co. Apparatus for mechanically parking and storing automobiles. 2,849,127, 8-26-58, Cl. 214-16.1.
- Dent, David A. Cellulose fibrillating machine. 2,838,981, 6-17-58, Cl. 92-1.4.
- Dent, Kenneth H.: *See*—
- Moore, Richard V., Bowen, and Dent. 2,863,815.
- Dent, Kenneth H., to the United States of America as represented by the United States Atomic Energy Commission. Grab mechanisms. 2,825,599, 3-4-58, Cl. 294-86.
- Dent, Walter T., to Imperial Chemical Industries Ltd. Production of amines. 2,822,395, 2-4-58, Cl. 260-576.
- Dent, Walter T., to Imperial Chemical Industries Ltd. Production of amines. 2,822,396, 2-4-58, Cl. 260-577.
- Dental Perfection Co.: *See*—
- Lochridge, Edwin H. 2,825,931.
- Denteil, Paul, to Fabrique D'Horlogerie La Vedette, S. A. Electric motor control for chimes. 2,866,932, 12-30-58, Cl. 318-446.
- Dentists' Supply Co. of New York, The: *See*—
- Gibson, Albert E., Jr. 2,844,249.
- Dentler, Arnold E., to W. H. Miner, Inc. Draft gear for railway draft rigging. 2,861,696, 11-25-58, Cl. 213-45.
- Denton, Bethel E., to Radio Corp. of America. Cathode ray beam deflection apparatus. 2,837,692, 6-3-58, Cl. 315-27.
- Denton, Bethel E., to Radio Corp. of America. High level contrast control for video amplifiers. 2,853,549, 9-23-58, Cl. 178-7.5.
- Denton, John J., to Tapercraft Corp. Demountable furniture leg. 2,826,470, 3-11-58, Cl. 311-114.
- Denton, Robert, to Mistoz Gen Equipment Co. Bronchopulmonary therapeutic apparatus. 2,845,928, 8-5-58, Cl. 128-191.
- Dentz, Robert N., E. S. Hoy, and K. A. Kelsea, to Geo. M. Brewster & Son, Inc. Pile driver. 2,822,671, 2-11-58, Cl. 61-74.
- Denyssen, Ivanhoe P., to American Viscose Corp. Multiple-duct fluid-conducting assembly. 2,840,855, 7-1-58, Cl. 18-8.
- Denz, Arthur R.: *See*—
- Radcliffe, Arthur J., Jr., and Denz. 2,830,128.
- Denz, Arthur R., to International Telephone and Telegraph Corp. Temperature-compensated direct-current transistor amplifier. 2,830,257, 4-8-58, Cl. 323-68.

- De Orlow, Stephen. Latch structure for vehicle rear deck. 2,832,620, 4-29-58, Cl. 292--52.
- De Orlow, Stephen. Latch structure for vehicle hood. 2,832,621, 4-29-58, Cl. 292--52.
- De Paoli, Romano, Sr. Ornamental terrazzo. 2,835,996, 5-27-58, Cl. 41--23.
- De Paolis, Paul F., to Eastman Kodak Co. Infrared transmitting fluoride glass. 2,819,977, 1-14-58, Cl. 106--47.
- De Pascale, Anthony M. Device for shaping food product. 2,822,570, 2-11-58, Cl. 17--32.
- De Pasqua, Joseph, to Mechanical Swinging Cradle Co. Mechanically agitated cradle. 2,860,727, 11-18-58, Cl. 185--38.
- Depenbrock, Manfred, to Brown, Boveri & Cie., Aktiengesellschaft. Static frequency converter. 2,820,942, 1-21-58, Cl. 321--68.
- De Percin, Gerard: *See*—
Vesque, Henri, and De Percin. 2,833,127.
- De Pea, Evans A. Pipe cutting indicator. 2,827,708, 3-25-58, Cl. 33--174.
- De Pew, Chester C., to Chester Corp. Filler cap assembly. 2,839,215, 6-17-58, Cl. 220--25.
- Depew, Harlan A., and G. R. Waitkins, to American Zinc, Lead & Smelting Co. Treatment of wood. 2,838,421, 6-10-58, Cl. 117--137.
- De Pew, Thomas N., and R. H. Heise, to Arrowhead Products, Inc. Pallet tiering frames. 2,828,932, 4-1-58, Cl. 248--120.
- De Pew, Thomas N., and R. H. Heise, to Arrowhead Products, Inc. Pallet tiering frames. 2,828,933, 4-1-58, Cl. 248--120.
- De Piolenc, Gerard: *See*—
Slayter, Games, and De Piolenc. 2,835,221.
- De Piolenc, Gerard, and C. J. Stalego, to Owens-Corning Fiberglass Corp. Gas burner apparatus for forming glass fibers. 2,841,213, 7-1-58, Cl. 158--28.
- Deport, Jacques-Albert. Shower-bath distributor valve. 2,844,407, 7-22-58, Cl. 299--84.
- De Poy, James W., to The Colorado Fuel and Iron Corp. Wire packaging takeup and coiling apparatus with rotatable flyer. 2,833,329, 5-6-58, Cl. 153--65.
- Depp, Elizabeth A.: *See*—
Newworth, Martin B., Hotelling, and Depp. 2,836,627.
- Depp, Marlin C., to Sperry Rand Corp. Flux valve compensating system. 2,852,859, 9-23-58, Cl. 33--225.
- Deppner, Fred W., to Samuels & Co., Inc. Frankfurter wrapping table. 2,851,840, 9-16-58, Cl. 53--391.
- De Prado, John R., to Sperry Rand Corp. Electrode heat exchanger for electron discharge tubes. 2,863,078, 12-2-58, Cl. 313--24.
- De Pree, David O.: *See*—
Hill, Eugene F., and De Pree. 2,833,635.
- De Pree, David O., to Ethyl Corp. Preparation of organic isocyanates. 2,866,803, 12-30-58, Cl. 260--453.
- De Pree, David O., and C. A. Poehlman. Seal and adapter for laboratory stirrers. 2,829,931, 4-8-58, Cl. 308--36.1.
- De Pree, David O., and W. R. Eller, to Ethyl Corp. Manufacture of malonic acid and its esters and salts. 2,852,559, 9-16-58, Cl. 260--537.
- Deprez, Charles, and J. Clément, to Solvay & Cie. Cathodic device for electrolytic cells having a moving mercury cathode. 2,849,393, 8-26-58, Cl. 204--219.
- De Priestner, Coral L., to California Research Corp. Methods of igniting a gas air-burner utilizing pelletized phosphorus. 2,847,071, 8-12-58, Cl. 166--39.
- De Puy, Charles T., to Trimble Inc. Infant's dressing table. 2,846,700, 8-12-58, Cl. 5--317.
- De Puy, John S.: *See*—
Rowell, Claude F., De Puy, and Bailey. 2,840,479.
- De Puydt, Frank A., and R. C. Silver. Lawn tending cart. 2,828,051, 3-25-58, Cl. 22--41.
- De Radzitzky, Pierre, and J. C. Balaceanu, to Institut Français du Pétrole des Carburants et Lubrifiants. Process for the preparation of ortho-carboxy-hydrocinnamic acid. 2,831,888, 4-22-58, Cl. 260--523.
- De Radzitzky, Pierre, and J. C. Balaceanu, to Institut Français du Pétrole des Carburants et Lubrifiants. Process for the preparation of bicyclic ketones. 2,859,247, 11-4-58, Cl. 260--590.
- De Raemy, Jacques, to Paillard S. A. Magnetic head. 2,850,582, 9-2-58, Cl. 179--100.2.
- Derbawka, Dmytro S. Cultivator. 2,857,832, 10-28-58, Cl. 97--10.
- Derby, Claude R.: *See*—
Peck, Henry E., Sidenius, and Derby. 2,845,352.
- Derby, Palmer, H., Jacobson, and J. L. Turner, to United States of America, Air Force. Apparatus for displacing magnetron tuner resonances. 2,847,613, 8-12-58, Cl. 315--39.61.
- Derby, Palmer P.: *See*—
Clampitt, Lawrence L., and Derby. 2,849,649.
- Derby, Palmer P., to Raytheon Mfg. Co. Magnetron construction. 2,834,914, 5-13-58, Cl. 315--39.
- Derby, Palmer P., to Raytheon Mfg. Co. Electron discharge device. 2,842,713, 7-8-58, Cl. 315--39.
- Derby Sealers, Inc.: *See*—
Bergmark, John C. 2,861,539.
Krueger, Alfred P. 2,841,935.
Krueger, Alfred P. 2,866,502.
- Dere, Jean R. Basic business form and extensions thereof. 2,852,278, 9-16-58, Cl. 283--62.
- Dereich, John E., to Diamond Alkali Co. Sodium silicate adhesive. 2,842,448, 7-8-58, Cl. 106--82.
- Dereich, John E., to Diamond Alkali Co. Method of forming a frictional element and product. 2,845,378, 7-29-58, Cl. 154--52.
- Dereich, John E., to Diamond Alkali Co. Silicate glass adhesive composition. 2,850,397, 9-2-58, Cl. 106--83.
- Dereich, John E., and A. Riihimäki, to Diamond Alkali Co. Chlorinated paraffins stabilized with styrene compounds. 2,854,489, 9-30-58, Cl. 260--652.5.
- Deremer, Floyd E., to Oldberg Mfg. Co. Silencer or muffler. 2,835,336, 5-20-58, Cl. 181--61.
- Derham, Philip A., to Wilkening Mfg. Co. Plastic toy and flexible plastic unit for toys and other articles. 2,845,748, 8-5-58, Cl. 46--152.
- Derham, Philip A., to Wilkening Mfg. Co. Pop-up toy. 2,858,644, 11-4-58, Cl. 46--146.
- Deringer, Harry H. Hydrostatic tail fuse. 2,838,998, 6-17-58, Cl. 102--7.
- Dermer, Richard D., and J. A. Whitney, to Essex Wire Corp. Apparatus for testing wire coatings. 2,834,940, 5-13-58, Cl. 324--54.
- Dermond, Lawrence C., to General Motors Corp. Fuel injection system. 2,848,986, 8-26-58, Cl. 123--119.
- Dermond, Lawrence C., to General Motors Corp. Atmospheric nozzle control. 2,860,616, 11-18-58, Cl. 123--119.
- Dermond, Lawrence C., to General Motors Corp. Carburetor. 2,864,596, 12-16-58, Cl. 261--39.
- Dernbach, Anthony F., to United Aircraft Corp. Sealing means. 2,840,172, 6-24-58, Cl. 170--160.23.
- Derner, William J., and R. W. Burtness, to General Motors Corp. Electrical rotor apparatus. 2,852,711, 9-16-58, Cl. 310--269.
- De Ronde, Frans C., and W. W. J. Degger, to North American Philips Co., Inc. Device for moving a member over a support without play. 2,828,639, 4-1-58, Cl. 74--206.
- De Roo, William C., to Hart & Cooley Mfg. Co. Damper construction for air outlets. 2,837,991, 6-10-58, Cl. 98--40.
- De Rosa, Thomas E. Music chord indicator. 2,824,479, 2-25-58, Cl. 84--482.
- De Rose, Anthony F.: *See*—
Cushing, Ira B., Kratochvil, and De Rose. 2,830,932.
- De Rose, Anthony F., to Abbott Laboratories. Erythromycin isothionate. 2,845,415, 7-29-58, Cl. 260--210.
- De Ross, Freerk A.: *See*—
Boelhouwer, Cornelis, De Ross, and Waterman. 2,852,478.
- De Rosset, Armand J., to Universal Oil Products Co. Purification of hydrogen utilizing hydrogen-permeable membranes. 2,824,620, 2-25-58, Cl. 183--2.
- Derr, Gerald B. Fishing pole rack. 2,854,147, 9-30-58, Cl. 211--60.
- Derr, Willard A.: *See*—
Cham, Edward J., and Derr. 2,832,049.
Silliman, Sheldon D., and Derr. 2,853,697.
- Derr, Willard A., to Westinghouse Electric Corp. Supervisory control systems and apparatus. 2,840,797, 6-24-58, Cl. 340--163.
- Derr, Willard A., and C. L. Cadwell, to Westinghouse Electric Corp. Control systems. 2,840,802, 6-24-58, Cl. 340--213.
- Derr, Willard A., and E. J. Cham, to Westinghouse Electric Corp. Static annunciator. 2,832,948, 4-29-58, Cl. 340--213.
- Derr, Willard A., and E. J. Cham, to Westinghouse Electric Corp. Apparatus responsive to the product of voltage and current of electrical circuits. 2,866,159, 12-23-58, Cl. 324--142.
- Derrig, George J., to Fairbanks, Morse & Co. Railing structure. 2,859,990, 11-11-58, Cl. 287--54.
- Derrig, Michael J.: *See*—
McKinley, Joseph B., Thomas, and Derrig. 2,865,868.
- De Ruggieri, Pietro: *See*—
Ercoli, Alberto, and De Ruggieri. 2,835,667.
Ercoli, Alberto, and De Ruggieri. 2,847,429.
- De Ruggieri, Pietro. Method for preparing 19-nor, 17- α -alkyl testosterone. 2,849,461, 8-26-58, Cl. 260--397.4.
- De Ruggieri, Pietro. Method for preparing 19-nor 17- α -ethynyl testosterone. 2,849,462, 8-26-58, Cl. 260--397.4.
- De Ruiter, John: *See*—
Able, Edward T., and De Ruiter. 2,854,251.
Able, Edward T., Krieger, and De Ruiter. 2,826,431.
- Derumaux, Alfred E., to General Motors Corp. Plug for core holes or the like. 2,824,945, 2-25-58, Cl. 219--38.
- Derwin, John W. Barium titanate crystals as a portable source of electric power. 2,856,564, 10-14-58, Cl. 315--205.
- De Saussure Equipment Co.: *See*—
De Saussure, William P. 2,860,940.
- De Saussure, William P., to De Saussure Equipment Co. Locking and releasing mechanism for foldable table legs. 2,860,940, 11-18-58, Cl. 311--88.
- Desbenoit, Christian L. A., M.-R. J. A. A. Delter, called C. Caron, born Pecqueriaux, and F. G. Paris, to Société Nationale d'Etude et de Construction de Moteurs d'Aviation. Apparatus having a pulsatory jet of gas for the projection of substances. 2,838,869, 6-17-58, Cl. 43--147.
- Desbrow, Harold D. Sound control appliance for telephone transmitter. 2,826,649, 3-11-58, Cl. 179--187.

- Deschamps, Georges A.: *See*—
Arditi, Maurice, Deschamps, and Elefant. 2,819,452.
Arditi, Maurice, Deschamps, and Elefant. 2,820,205.
Busignies, Henri G., Adams, Deschamps, and Rogoff. 2,866,900.
Busignies, Henri G., Rogoff, and Deschamps. 2,866,899.
- Deschamps, Georges A., to International Telephone and Telegraph Corp. Microwave transmission line calculator. 2,845,711, 8-5-58, Cl. 33-1.
- Des Champs, Minnie Z.: *See*—
Campbell, George W. 2,821,057.
- Deschner, Walter W.: *See*—
Eickmeyer, Allen G., and Deschner. 2,842,941.
- De Sena, Joseph. Deformable and detachable fastener unit. 2,849,765, 9-2-58, Cl. 20-92.
- Deshaw, Zoltan. Sliding clasp fasteners. 2,855,651, 10-14-58, Cl. 24-205.15.
- De Shazor, James C., Jr., to Columbia Basin Plastics Co. Plywood. 2,831,223, 4-22-58, Cl. 20-91.
- De Shazor, James C., Jr., to Columbia Basin Plastics Co. Can lid seal ring. 2,857,075, 10-21-58, Cl. 220-46.
- De Simone, Nicholas. Needle holder. 2,833,236, 5-6-58, Cl. 112-226.
- Desio, Frank B.: *See*—
De Lancey, Ralph W., and Desio. 2,860,211.
- Deskfinder Co., The: *See*—
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- Desloge, George B., to Watlow Electric Mfg. Co. Cartridge heater and method of making same. 2,831,951, 4-22-58, Cl. 201-67.
- Desmo Ltd.: *See*—
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- Des Moines Glove & Mfg. Co., Inc.: *See*—
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- Desomart Products, Inc.: *See*—
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- Desmond, Charles F., to Houdaille Industries, Inc. Non-jamming drive actuator. 2,837,930, 6-10-58, Cl. 74-424.8.
- Desmond, Charles F. and E. E. Barmasse, to Houdaille Industries, Inc. Multi-motion seat adjuster with multiple drive motors. 2,839,124, 6-17-58, Cl. 155-14.
- Desjober, Andre E. G.: *See*—
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- De Sollano, Carlos S., and J. M. Bérriozabal, to Process Millers, Inc. Method of making corn meal. 2,854,339, 9-30-58, Cl. 99-80.
- Des Rosiers, John B. Self-energizing brake. 2,838,139, 6-10-58, Cl. 188-74.
- Dessaux, Marcel. Automatic weighing and distributing machines for dough and like plastic substances. 2,828,099, 3-25-58, Cl. 249-5.
- Dessureau, John B.: *See*—
Dessureau, Joseph T. and J. B. 2,856,914.
Dessureau, Joseph T. and J. B. 2,866,448.
- Dessureau, Joseph T. and J. B. Stone sawing wire. 2,856,914, 10-21-58, Cl. 125-21.
- Dessureau, Joseph T. and J. B. Abrasive wire shape-cutting stone saw machine. 2,866,448, 12-30-58, Cl. 125-21.
- De Staat der Nederlanden, Ten Deze Vertegenwoordigd Door de Directeur-Generaal der Posterijen, Telegrafie en Telefonie: *See*—
Oberman, Roelof M. M. 2,823,263.
Oberman, Roelof M. M. 2,832,834.
Oberman, Roelof M. M., and Snijders. 2,820,102.
- De Staat der Nederlanden, te dezen Vertegenwoordigd door de Hoofdingenieur-Directeur van de Rijkswaterstaat in de Directie Algemene Dienst en Waterhuishouding: *See*—
Meijer, Hendrik. 2,859,520.
- De Stevens, George, to Ciba Pharmaceutical Products, Inc. Heterocyclic compounds. 2,857,394, 10-21-58, Cl. 260-307.
- Destriau, Georges, to Westinghouse Electric Corp. X-ray fluoroscopic device. 2,863,061, 12-2-58, Cl. 250-80.
- Desty, Dennis H., and C. L. A. Harbourn, to The British Petroleum Co. Production of solid non-ionic surface active agents. 2,824,091, 2-18-58, Cl. 260-96.5.
- De Swart Development Co.: *See*—
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De Swart, Jan. 2,858,247.
- De Swart, Jan., to de Swart Development Co. Optical elements. 2,836,101, 5-27-58, Cl. 88-57.
- De Swart, Jan., to de Swart Development Co. Panel material. 2,858,247, 10-28-58, Cl. 154-45.9.
- Desy, Gustave G.: *See*—
Sutherland, George L., and Desy. 2,864,862.
- Detamore, Harold H., W. D. Eby, D. W. Miller, and R. E. Moore, to General Motors Corp. Fluid pressure control system for variable pitch propellers. 2,857,007, 10-21-58, Cl. 170-135.27.
- De Tar, Donald R., to Aladdin Industries, Inc. Wavemeter. 2,849,691, 8-26-58, Cl. 333-82.
- Deters, Elmer M., to Red Jacket Mfg. Co. Air charger. 2,851,951, 9-16-58, Cl. 103-6.
- Detert, Ernst R., to Firma Eduard Gerloch G. m. b. H. Cigar or the like and method of making the same. 2,840,085, 6-24-58, Cl. 131-140.
- Dethier, Emmanuel V.: *See*—
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- Dethlefsen, Carl: *See*—
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- Detjen, Edgar W., to Stoelting Brothers Co. Automatic feeding mechanism for mix for custard making machines. 2,827,773, 3-25-58, Cl. 62-2.
- Detko, George J.: *See*—
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- Detlefson, Gustav C., to Crane Co. Fluid cooled diaphragm valve. 2,823,696, 2-18-58, Cl. 137-340.
- Detlefson, Gustav C., to Crane Co. Fluid cooled diaphragm valve. 2,845,084, 7-29-58, Cl. 137-340.
- Detrex Chemical Industries, Inc.: *See*—
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- Detrex Corp.: *See*—
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- De Trey, Jean P.: *See*—
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- Detrick, M. H., Co.: *See*—
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- Detrie, Arthur J., E. J. O'Neill, P. J. Stayboldt, and M. M. Miller, to Douglas Aircraft Co., Inc. Aircraft fuselage having panel damping material. 2,819,032, 1-7-58, Cl. 244-119.
- Detrie, Arthur J., and P. J. Staybolt, to Douglas Aircraft Co., Inc. Sealant dispensing device. 2,838,210, 6-10-58, Cl. 222-327.
- Detroit Broach & Machine Co.: *See*—
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- Detroit Edison Co., The: *See*—
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- Detroit Hardware Mfg. Co.: *See*—
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- Detroit Harvester Co.: *See*—
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- Dettner, Delmar D.: *See*—
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- Dettyler, William, to E. I. du Pont de Nemours and Co. Preparation of pyranthrone. 2,855,408, 10-7-58, Cl. 260-360.
- De Turk, John E., to United States of America, Navy. Means for distinguishing positive and negative pulses in magnetic tape recording. 2,864,077, 12-9-58, Cl. 340-174.
- Detweller, James I., and D. G. Thompson, to Lockheed Aircraft Corp. Flexible coupling for rigid beaded tubes. 2,826,437, 3-11-58, Cl. 285-233.
- Detwiler, Earl B.: *See*—
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- Detwiler, Robert L., A. N. Birmingham, and S. H. Kauffman, to United States of America, Navy. Pressure operated switch with inertial locking means. 2,837,611, 6-3-58, Cl. 200-83.
- Detzel, Arthur F. Football training apparatus. 2,820,365, 1-21-58, Cl. 73-380.
- Detzner, Herbert: *See*—
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- Deubel, Carl G., to Progressive Service Co. Manufacture of steel rule dies. 2,853,134, 9-23-58, Cl. 164-29.
- Deubel, Justin A., to General Controls Co. Flame detector. 2,825,786, 3-4-58, Cl. 200-138.
- Deubner, Russell L., to Haloid Xerox Inc. Xerographic plate. 2,860,048, 11-11-58, Cl. 96-1.
- Deuring, Hans, and A.-W. Mantzel, to Rand-Goetze Corp. Resilient wheel. 2,830,637, 4-15-58, Cl. 152-49.
- Deuschle, Edwin B.: *See*—
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- Deuschle, Fritz. Cylinder hone. 2,856,738, 10-21-58, Cl. 51-187.
- D'Eustachio, Dominic, to Pittsburgh Corning Corp. Acoustic filters for air ducts. 2,853,147, 9-23-58, Cl. 181-50.
- D'Eustachio, Dominic, to Pittsburgh Corning Corp. Method of producing cellulated articles. 2,860,997, 11-18-58, Cl. 106-40.
- Deutsch, Alex: *See*—
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- Deutsch, Dennis L.: *See*—
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- Deutsch, Fritz A., to Monroe Calculating Machine Co. Card operated rotary contact. 2,843,319, 7-15-58, Cl. 235-61.11.
- Deutsch, Joseph, to Burroughs Corp. Magnetic shift register systems. 2,858,526, 10-28-58, Cl. 340-174.
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- Deutsche Edelstahlwerke Akt.: *See*—
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- Deutsche Gold- und Silber-Scheideanstalt: *See*—
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- Deutsche Gold- und Silber-Scheideanstalt vormals Roessler: *See*—
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- Deutz, Marie M. Protective body coverings and garments, medical and surgical drawers and the like. 2,828,745, 4-1-58, Cl. 128-287.
- De Vall, Guy B. Landing gear for seaplanes. 2,837,303, 6-3-58, Cl. 244-105.
- De Vane, Harvey M.: *See*—
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- De Vane, Fred D., to Erie Mining Co. Doctoring device for balling-up drum. 2,831,210, 4-22-48, Cl. 18-1.
- De Vane, Fred D., and D. Beggs, to Erie Mining Co. Apparatus for charging furnace having rectangular mouth. 2,834,484, 5-13-58, Cl. 214-18.
- Devaud, Albert J.: *See*—
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- Devaud, Albert J., to Minneapolis-Honeywell Regulator Co. Electrostatic tape and methods of construction. 2,825,558, 3-4-58, Cl. 271-23.
- De Vault, Albert N.: *See*—
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- De Vault, Albert N., and W. N. Axe, to Phillips Petroleum Co. Fractionation of polymers. 2,845,410, 7-29-58, Cl. 260-93.7.
- Devaux, Adrien, and M. Jean, to Societe Chimique de la Grande Parioisse, Azote et Produits Chimiques. Conversion of sodium chloride into sodium carbonate and ammonia chloride. 2,843,454, 7-15-58, Cl. 23-63.
- De Vaux, Arthur, to Baker Perkins, Inc. Tray grid for controlled tray cooler. 2,855,699, 10-14-58, Cl. 34-238.
- De Vellier, William A. Self-tapping screws. 2,827,820, 3-25-58, Cl. 85-48.
- Development Research, Inc.: *See*—
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- Developmental Engineering Corp.: *See*—
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- Develotte, Jean E.: *See*—
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- Deventer, Max. Stuffing box with a split internal sleeve member. 2,828,149, 3-25-58, Cl. 286-20.
- Deyer, Lewis A., to The Cincinnati Milling Machine Co. Tracing mechanism for machine tools. 2,858,745, 11-4-58, Cl. 90-62.
- Dever, Otto E. Capstan. 2,826,939, 3-18-58, Cl. 74-801.
- Devere Co.: *See*—
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- Deverell, Harry. Control mechanism for belt manlifts. 2,862,577, 12-2-58, Cl. 187-44.
- Devex Corp.: *See*—
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- De Vilbiss Co., The: *See*—
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- De Villers, Edmund J., to Paperlynen Co. Discardable cap construction with adjustable brim. 2,823,387, 2-18-58, Cl. 2-197.
- De Villers, Edmund J., to Paperlynen Co. Adjustable, disposable-type cap construction. 2,859,447, 11-11-58, Cl. 2-197.
- Devine, James H. Bolt with protruding pivot pin to provide a stop shoulder. 2,833,095, 5-27-58, Cl. 85-1.
- Devins, John C., and M. Burton, to Olin Mathieson Chemical Corp. Hydrazine. 2,849,357, 8-26-58, Cl. 204-177.
- De Vinzelles, Pierre: *See*—
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- De Virgili, Richard. Rear view mirror and radio antenna assembly. 2,836,818, 5-27-58, Cl. 343-720.
- De Vita, Philip J., to Hammond Organ Co. Frequency divider. 2,861,187, 11-18-58, Cl. 250-36.
- De Vlemminck, Stephane J.: *See*—
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- De Vlieg, Charles B., and A. N. Sweeny, to De Vlieg Machine Co. Presetting boring bar and tool holder. 2,849,902, 9-2-58, Cl. 77-58.
- De Vlieg Machine Co.: *See*—
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- Devlin, Frank K., and H. J. Sieman, to Le Febure Corp. Tray elevating device. 2,859,083, 11-4-58, Cl. 312-298.
- Devlin, Paul A.: *See*—
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- De Voe, Harlan S. Mortician's tools. 2,845,627, 8-5-58, Cl. 1-47.
- De Voe, Harvey B., Jr.: *See*—
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- Devroe & Raynolds Co., Inc.: *See*—
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Greenlee, Sylvan O. 2,865,888.
- Devorak, Arthur F. Windrowing attachment for combine having a straw chopper. 2,854,046, 9-30-58, Cl. 146-117.
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- De Vos, Krijn J.: *See*—
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- De Vos, Krijn J., A. J. J. Koch, H. J. M. Van Embden, B. Haes, and J. Flipse, to North American Philips Co., Inc. Method of making anisotropic permanent magnets. 2,837,452, 6-3-58, Cl. 148-103.
- De Voss, Edwin A., to Northrop Aircraft, Inc. Pivoted tube bender with tube positioning mark and adjustable tube locating device. 2,827,101, 3-18-58, Cl. 153-46.
- De Voss, Edwin A., to Northrop Aircraft, Inc. Beading dies for flanging and ribbing cylindrical member. 2,843,173, 7-15-58, Cl. 153-13.
- De Vriend, Johannes A., and W. Honing, to North American Philips Co., Inc. Tubular fluorescent lamp. 2,824,993, 2-25-58, Cl. 313-109.
- De Vries, Jelle: *See*—
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- De Vries, Machiel. Apparatus for transmitting mechanical vibrations. 2,825,763, 3-4-58, Cl. 179-100.41.
- De Vries, Nicholas, and E. F. Beecher. Reclining chair. 2,857,955, 10-28-58, Cl. 155-106.
- De Vrijer, Frederik W.: *See*—
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- De Vrijer, Frederik W., to North American Philips Co., Inc. Multiplex television system. 2,838,597, 6-10-58, Cl. 178-5.2.
- De Vrijer, Frederik W., to North American Philips Co., Inc. Frequency-division circuit-arrangement. 2,854,579, 9-30-58, Cl. 250-36.
- De Vry Corp.: *See*—
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- De Waern, Bror A. Internal combustion engines. 2,855,910, 10-14-58, Cl. 123-41.17.
- De Wald, William N. Portable emergency signal and traffic control apparatus. 2,838,744, 6-10-58, Cl. 340-84.
- De Wall, Richard A., and C. W. Lillehei, to The Regents of the University of Minnesota. Oxygenator. 2,854,002, 9-30-58, Cl. 128-214.
- De Walt Inc.: *See*—
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- Deweese, Alexander H. Safety belt device for automobiles. 2,856,202, 10-14-58, Cl. 280-150.
- Dewey, Clyde G.: *See*—
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- Dewey, Clyde G., to General Electric Co. Control system for preventing contact sparking in synchronous switching apparatus. 2,834,932, 5-13-58, Cl. 321-48.
- Dewey, Clyde G., to General Electric Co. Electromagnetic distance relay with an offset MHO operating characteristic. 2,846,620, 8-5-58, Cl. 317-36.

- Dewey, Davis R., to IHigh Voltage Engineering Corp. Apparatus for increasing the uniformity of dose distribution produced by electron irradiation. 2,858,442, 10-28-58, Cl. 250-49.5.
- Dewey, Davis R., II, to Ionics, Inc. Hydraulic distribution means for electro dialysis systems. 2,826,544, 3-11-58, Cl. 204-301.
- Dewey, Gordon C.: *See*—
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- Dewey, Philip W.: *See*—
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- De Wiess, Ferdinand A., to Rondo Development Corp. Method of and apparatus for making containers. 2,834,260, 5-13-58, Cl. 93-39.1.
- De Windt, Herbert J., to Ton-Tex Corp. Conveyor flight belt. 2,856,064, 10-14-58, Cl. 198-198.
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- De Wispelere, August. Clear vision umbrella. 2,841,160, 7-1-58, Cl. 135-35.
- De Witt, Benjamin, to Westinghouse Electric Corp. Image amplifier phototimer. 2,853,619, 9-23-58, Cl. 250-65.
- De Witt, David, H. Sandler, and R. C. Wittenberg, to Radio Receptor Co., Inc. Reflex circuit system. 2,863,065, 12-2-58, Cl. 307-88.5.
- De Witt, David, H. Sandler, and R. C. Wittenberg, to Radio Receptor Co., Inc. Reflex circuit system. 2,863,066, 12-2-58, Cl. 307-88.5.
- De Witt, Earl G.: *See*—
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- De Witt, Earl G., to Ethyl Corp. Gasoline fuels. 2,862,801, 12-2-58, Cl. 44-69.
- De Witt, Earl G., to Ethyl Corp. Organic phosphorus compounds. 2,862,949, 12-2-58, Cl. 260-461.
- De Witt, Earl G., to Ethyl Corp. Thionophosphates. 2,862,950, 12-2-58, Cl. 260-461.
- De Witt, Earl G., to Ethyl Corp. Organic process. 2,866,805, 12-30-58, Cl. 260-461.
- De Witt, Earl G., H. Shapiro, and J. E. Brown, to Ethyl Corp. Cyclopentadienyl moiety-containing metal monohalides. 2,864,843, 12-16-58, Cl. 260-429.9.
- De Witt, Harry K.: *See*—
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- De Witt, Hobson D., to The Chemstrand Corp. Compositions comprising a polyester and trichloroethanol and process of preparing same. 2,861,970, 11-25-58, Cl. 260-31.2.
- De Witt, Hobson D., and A. B. Beindorff, to The Chemstrand Corp. Compositions comprising a polyester and 1,1,1-trichloro-3-nitro-2-propanol and process of preparing same. 2,861,969, 11-25-58, Cl. 260-31.2.
- De Witt, Jon S., to General Electric Co. Grid structure. 2,866,121, 12-23-58, Cl. 313-248.
- De Witt, Nicklas R. Vehicle load handler. 2,819,810, 1-14-58, Cl. 214-516.
- De Witte, Leendert, to Continental Oil Co. Apparatus for logging the ocean floor. 2,839,721, 6-17-58, Cl. 324-1.
- De Witte, Leendert, to Continental Oil Co. Method of determining the porosity of core samples. 2,840,717, 6-24-58, Cl. 250-83.
- De Witte, Leendert, and F. J. Radd, to Continental Oil Co. Method of controlling well casing corrosion. 2,847,070, 8-12-58, Cl. 166-1.
- Dewitz, Gerhard H., to C. G. S. Laboratories, Inc. Magnetic amplifier. 2,820,109, 1-14-58, Cl. 179-171.
- De Witz, Gerhard H., to Hoffman Electronics Corp. Combined radio receiver and radiation alarm utilizing transistor as radio amplifier and radiation detector. 2,839,678, 6-17-58, Cl. 250-20.
- Dewling, William L. E., and S. W. Grossmann, to Allied Chemical Corp. Process for synthesis of urea. 2,848,493, 8-19-58, Cl. 260-555.
- De Wolf, Myron F., M. A. Donohue, and J. E. Mattox, to The Gleason Works. Machine for forming and testing toothed parts. 2,828,584, 4-1-58, Cl. 51-34.
- De Wolf, Willem, to American Enka Corp. Process for making spinnerets for melt spinning. 2,820,374, 1-21-58, Cl. 76-107.
- De Wolf, Willem, to American Enka Corp. Spinnerets for melt-spinning high polymeric substances. 2,839,783, 6-24-58, Cl. 18-8.
- De Wolfe, Richard S.: *See*—
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- De Woody, Charles M., to Ace Glass Inc. Filter element. 2,826,265, 3-11-58, Cl. 183-69.
- Dews, Jule N.: *See*—
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- Dexdale Hosiery Mills: *See*—
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- Dexter, Albert M., Jr., to Pratt & Whitney Co., Inc. Dimension gaging system. 2,819,369, 1-7-58, Cl. 219-8.5.
- Dexter, Albert M., Jr., to Pratt & Whitney Co., Inc. Electro-mechanical memory or synchronizing device. 2,842,851, 7-15-58, Cl. 33-125.
- Dexter, Fred F. Infant's diaper. 2,829,647, 4-8-58, Cl. 128-284.
- Dexter Industries, Inc.: *See*—
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- Dexter, Martin: *See*—
Kroll, Harry, and Dexter. 2,845,457.
- Dexter, Martin, to Geigy Chemical Corp. Preparation of phenolic ethylenediaminepolycarboxylic acids. 2,824,128, 2-18-58, Cl. 260-519.
- Dexter, Robert G., and J. A. Willett, to Cummington Corp. Sheet collating machine. 2,844,368, 7-22-58, Cl. 270-58.
- Dexter, Theodore H.: *See*—
Jaszka, Daniel J., and Dexter. 2,853,362.
- Dexter, Thomas A. Apparatus for registering transparencies in printing frame. 2,819,535, 1-14-58, Cl. 33-184.5.
- Deykin, Ronald F., to Hordern, Mason and Edwards Ltd. Power presses. 2,818,798, 1-7-58, Cl. 100-257.
- Deyrup, Alden J.: *See*—
Clare, Norval D., and Deyrup. 2,823,095.
Clare, Norval D., and Deyrup. 2,823,145.
- Deyrup, Alden J., to E. I. du Pont de Nemours and Co. Method for improving the scratch resistance and strength of glass articles. 2,831,780, 4-22-58, Cl. 117-54.
- Deyrup, Alden J., and J. R. Ferron, to E. I. du Pont de Nemours & Co. Agent for treating molten metals. 2,823,989, 2-18-58, Cl. 75-58.
- Deyrup, Alden J., E. W. Heiderich, and H. E. Wagoner, to E. I. du Pont de Nemours & Co. Manufacture of hydrogen cyanide. 2,861,870, 11-25-58, Cl. 23-151.
- De Zeeuw, John R., H. G. Luther, and F. Sauer, to Chas. Pfizer & Co., Inc. Animal growth stimulant. 2,853,384, 9-23-58, Cl. 99-2.
- Deziel, Fred T.: *See*—
Blackett, James C., and Deziel. 2,839,132.
Consoliver, Robert E., and Deziel. 2,825,012.
- Deziel, Fred T., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,865,444, 12-23-58, Cl. 158-128.
- D'Haem, Marcel P.: *See*—
Fischer, Howard R., and D'Haem. 2,825,206.
Roberts, James A., Fischer, and D'Haem. 2,833,310.
- Dial Products Co.: *See*—
Samo, Harvey W. 2,857,030.
- Diambra, Henry M., and G. G. Edlen, to Citizens Bank of Maryland, and Small Business Administration. Equalized line amplification system. 2,863,006, 12-2-58, Cl. 179-171.
- Diamond, Albert, to Kollsman Instrument Corp. Inductively operated rotary mechanism. 2,825,018, 2-25-58, Cl. 318-207.
- Diamond Alkali Co.: *See*—
Banner, Robert G. 2,854,313.
Bluestone, Henry. 2,845,339.
Bluestone, Henry. 2,860,043.
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Burns, John C., Jr. 2,820,728.
Conder, Christy F. 2,834,106.
Czech, Friedrich W. 2,824,052.
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Di Sanza, Richard A., and Hlynsky. 2,861,098.
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Eden, Jamal S. 2,852,427.
Goenaga, Alvaro M. 2,832,680.
Gooding, William T., Jr. 2,833,484.
Gooding, William T., Jr. 2,840,456.
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Hill, Archie. 2,836,585.
Hirsch, Alfred. 2,861,867.
Kearney, James J. 2,857,367.
Lander, James G. 2,834,744.
Laymon, Frank L., and Foster. 2,826,482.
McCracken, John H., Jr., and Bolick. 2,825,543.
McNulty, Dorothy G., and Leininger. 2,840,549.
Montgomery, Robert N., and Lukes. 2,829,180.
Myers, Clyde B. 2,845,337.
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Perrin, Tom S., Everson, and Kinnear. 2,854,327.
Pyne, William J. 2,838,438.
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Stanko, Edward J., and Esselstyn. 2,824,040.
Sutter, Robert C. 2,822,889.
Vaaler, Luther E. 2,835,558.
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- Diamond Calk Horseshoe Co.: *See*—
Swanstrom, John E., Connell, and Cooper. 2,818,758.
Swanstrom, John E., Connell, Cooper, and Swanson. 2,849,908.
- Diamond, Bertram S., and J. B. Walker, to The Commercial Cable Co. Telegraph code converter. 2,847,503, 8-12-58, Cl. 178-26.

- Diamond Gardner Corp.: *See*—
 Altenburg, William M., and Foote. 2,843,496.
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 Burger, Martin. 2,843,026.
 Carkhuft, Le Roy F., and Fahey. 2,842,920.
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 Lee, Charles A., Jr., and Weyman. 2,834,460.
 Reifers, Richard F. 2,843,304.
 Ringler, William A. 2,836,342.
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 Ringler, William A. 2,844,281.
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- Diamond, Harry: *See*—
 Hinman, Wilbur S., and Diamond. 2,856,853.
- Diamond, Herbert: *See*—
 Manning, Winston M., Studier, Diamond, and Fields. 2,859,095.
- Diamond, Hyman: *See*—
 Mahoney, Clarence L., and Diamond. 2,820,011.
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- Diamond, Julius: *See*—
 Bruce, William F., and Diamond. 2,830,079.
- Diamond, Lester A., $\frac{1}{2}$ to B. Sage, and $\frac{1}{2}$ to J. Sage. Simulated brick or the like wallpaper. 2,847,721, 8-19-58, Cl. 20-15.
- Diamond Machine Tool Co.: *See*—
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- Diamond Match Co., The: *See*—
 Ahlers, Harold L. 2,824,684.
 Fahey, Richard J. 2,821,830.
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- Diamond Power Specialty Corp.: *See*—
 De Mart, Le Roy S. 2,825,923.
 Good, James A., and Magestro. 2,850,005.
 Kruse, John R., Jr. 2,845,535.
 McColl, William. 2,865,042.
- Diassi, Patrick A., to Olin Mathieson Chemical Corp. β -Lactone of yohimbic acid. 2,861,075, 11-18-58, Cl. 260-287.
- Diassi, Patrick A., and J. Fried, to Olin Mathieson Chemical Corp. Synthesis of steroids. 2,851,470, 9-9-58, Cl. 260-397.3.
- Diani, Arthur C.: *See*—
 Bell, Charles R., and Diani. 2,834,561.
- D'Ianni, James D., and H. S. Sell, to The Goodyear Tire & Rubber Co. High styrene-low diene resins of high heat softening point. 2,835,645, 5-20-58, Cl. 260-45.5.
- Diaz, Joseph R. Station wagon convertible seat. 2,848,273, 8-19-58, Cl. 296-65.
- Diaz C., Juan: *See*—
 Hoellerich, John L., and Diaz. 2,866,904.
- Diaz Cascajares, Federico. Automatic transmission. 2,844,051, 7-22-58, Cl. 74-751.
- Dibble, Clarence H.: *See*—
 Eisenberg, I. W., Dibble, Armstrong, Love, and Rhodes. 2,863,325.
- Dibblee, Harold J., to Spartan Coach & Mfg. Co. Method and apparatus for producing panels and markings thereon. 2,853,117, 9-23-58, Cl. 154-1.
- Di Bella, Eugene P.: *See*—
 Girard, Theodore A., Di Bella, and Sidi. 2,848,470.
- Di Benedetto, Anastasio: *See*—
 Goldfischer, Lester I., and Di Benedetto. 2,846,583.
- Di Camillo, Antonio. Shrimp deveiner and sheller. 2,832,987, 5-6-58, Cl. 17-7.
- Di Cecio, Salvatore A., N. W. Dand, and L. Pappadopoulos, to Self Winding Clock Co., Inc. Temperature monitoring device. 2,838,935, 6-17-58, Cl. 73-362.
- Diced Cream of America Co.: *See*—
 Luterick, Marcellus C. 2,819,934.
- Dick, A. B., Co.: *See*—
 Fowle, Wallace R. 2,860,577.
 Fowle, Wallace R., Tregay, and Du Bois. 2,865,289.
 Izler, Edward J., and Shoemaker. 2,839,412.
 Kleinstra, Harm. 2,846,933.
 Klimkowski, Robert J., and Florence. 2,820,760.
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 Ruijs, Frans W. 2,865,275.
 Tregay, John L. 2,860,578.
- Dick, August A., to Irrigation Mfg. Co. Irrigation gate. 2,856,149, 10-14-58, Cl. 251-145.
- Dick, Edison. Caster for furniture. 2,819,486, 1-14-58, Cl. 16-24.
- Dick, James B. Simplified idler arm adjuster. 2,833,551, 5-6-58, Cl. 280-95.
- Dick, James B. Gear shift neutralizer. 2,838,951, 6-17-58, Cl. 74-473.
- Dick, James B. Simplified idler arm adjuster. 2,844,382, 7-22-58, Cl. 280-95.
- Dick, John O., to United States of America, Navy. Electronic FM/FM to analog or digital converter. 2,862,185, 11-25-58, Cl. 332-1.
- Dick, Lester C., and T. C. Grubb, to Vick Chemical Co. Oxyethylated lauryl alcohol steam inhalation composition. 2,828,243, 3-25-58, Cl. 167-54.
- Dick, Roscoe S., to General Electric Co. Integral pin forming machine. 2,853,037, 9-23-58, Cl. 113-1.
- Dicke, Allen A. Pressure fluid operating mechanism for calculating machines. 2,841,266, 7-1-58, Cl. 197-177.
- Dicke, Robert H., to the United States of America as represented by the Secretary of the Navy. Lobing system. 2,830,288, 4-8-58, Cl. 343-16.
- Dicke, Robert H. Microwave apparatus and methods utilizing gas cells. 2,832,053, 4-22-58, Cl. 332-57.
- Dicke, Robert H., to United States of America, Navy. Dielectric structures. 2,841,786, 7-1-58, Cl. 343-18.
- Dicke, Robert H., to United States of America, Army. Methods and systems for producing gas-absorption lines of doppler-reduced breadth. 2,849,613, 8-26-58, Cl. 250-36.
- Dicke, Robert H. Molecular microwave translating apparatus. 2,851,603, 9-9-58, Cl. 250-36.
- Dicke, Robert H. Molecular amplification and generation systems and methods. 2,851,652, 9-9-58, Cl. 322-2.
- Dicke, Robert H. System employing a microwave resonant gas in a radiative state. 2,858,506, 10-28-58, Cl. 324-58.5.
- Dicke, Robert H., and T. R. Carver. Atomic or molecular oscillator circuit. 2,836,722, 5-27-58, Cl. 250-36.
- Dicken, Robert W. Side connection for well casings. 2,851,106, 9-9-58, Cl. 166-88.
- Dickens, Leslie, to The Firestone Tire & Rubber Co. Inflation valve for preventing unauthorized deflation of tires. 2,849,017, 8-26-58, Cl. 137-223.
- Dickens, Samuel P.: *See*—
 Kinsella, Arthur J., Jr., Dickens, Ballard, and Smith. 2,834,429.
 Vander Ploeg, Alfred R., and Dickens. 2,856,348.
- Dickens, Samuel P., B. F. Smith, and W. P. Ballard, to The Texas Co. Method of treating hydrocarbons. 2,859,170, 11-4-58, Cl. 208-85.
- Dickens, William T., and A. D. Evans, to Monsanto Chemical Co. Phenol decomposing apparatus. 2,865,617, 12-23-58, Cl. 261-9.
- Dickenshied, Charles F., Jr. Sludge harvester discharge spent locator. 2,861,517, 12-16-58, Cl. 214-42.
- Dicker, Julius. Bowling game. 2,819,902, 1-14-58, Cl. 273-45.
- Dickerson, Leo C., 37 $\frac{1}{2}$ % to L. C. Dickerson, Jr., 12 $\frac{1}{2}$ % to F. T. Walton, and 12 $\frac{1}{2}$ % to A. Gollob. Nipple container. 2,835,406, 5-20-58, Cl. 220-21.
- Dickerson, Leo C., Jr.: *See*—
 Dickerson, Leo C. 2,835,406.
- Dickerson, William N., to The B. F. Goodrich Co. Tubeless tire. 2,820,500, 1-21-58, Cl. 152-362.
- Dickey, Albert W. Beat rate indicator for musical instrument tuners. 2,841,045, 7-1-58, Cl. 84-454.
- Dickey, Alexander F. Spark plug. 2,834,904, 5-13-58, Cl. 313-143.
- Dickey, Clyde W., to Corning Glass Works. Apparatus for testing frangible articles. 2,859,610, 11-11-58, Cl. 73-69.
- Dickey, David F., to Electrolyser Corp., Ltd. Apparatus for reducing ores. 2,857,155, 10-21-58, Cl. 266-25.
- Dickey, John W., to Bendix Aviation Corp. Freezing point tester of arctic coolants for internal combustion engines. 2,826,907, 3-18-58, Cl. 73-17.
- Dickey, John W., to Bendix Aviation Corp. Electro-magnetic plunger pump. 2,833,221, 5-6-58, Cl. 103-53.
- Dickey, John W., and E. E. Hood, to Bendix Aviation Corp. Freezometer. 2,866,328, 12-30-58, Cl. 73-17.
- Dickey, Joseph B.: *See*—
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- Dickey, Julian A., and J. W. Doric, Jr., to Herbert A. Templeton Lumber Corp. Storm sash mounting. 2,827,672, 3-25-58, Cl. 20-56.5.
- Dickey, Wallace J.: *See*—
 McClure, Kenneth R. 2,840,939.

- Dickie, John A., to Textron Inc. Fluid-operated vibration test exciter and method of operating same. 2,865,173, 12-23-58, Cl. 60-52.
- Dickinson, Arthur H., to International Business Machines Corp. Control of electronic register. 2,832,542, 4-29-58, Cl. 235-103.
- Dickinson, Arthur H., to International Business Machines Corp. Indicating device. 2,833,468, 5-6-58, Cl. 235-61.
- Dickinson, Arthur H., to International Business Machines Corp. Card punching machine. 2,846,008, 8-5-58, Cl. 164-115.
- Dickinson, Arthur H., to International Business Machines Corp. Automatically reset register. 2,850,235, 9-2-58, Cl. 235-61.
- Dickinson, Arthur H., to International Business Machines Corp. Rotational displacement indicating system. 2,850,240, 9-2-58, Cl. 235-92.
- Dickinson, Arthur H., to International Business Machines Corp. Decade counter. 2,858,432, 10-28-58, Cl. 250-27.
- Dickinson, Arthur H., and R. I. Roth, to International Business Machines Corp. Data processing machine. 2,837,279, 6-3-58, Cl. 235-61.7.
- Dickinson, Clarence R., and B. F. Tellkamp, to Allen-Bradley Co. Variable resistance device. 2,839,642, 6-17-58, Cl. 201-55.
- Dickinson, Daniel S., to General Electric Co. Restrictor valves. 2,826,217, 3-11-58, Cl. 137-505.13.
- Dickinson, George A., and S. E. Kay, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. Method of producing an electrical resistance of glass. 2,842,464, 7-8-58, Cl. 117-211.
- Dickinson, Robert C., and P. Olsson, to Westinghouse Electric Corp. Circuit breaker. 2,866,043, 12-23-58, Cl. 200-144.
- Dickinson, Thomas S., to The General Engineering Co. (Radcliffe) Ltd. Apparatus for atomizing a liquid in a vacuum. 2,836,464, 5-27-58, Cl. 299-63.
- Dickinson, Walter: See—
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- Dickinson, Wesley E., to International Business Machines Corp. Magnetic data recording and reproducing apparatus. 2,857,585, 10-21-58, Cl. 340-174.
- Dickinson, Wilbur C.: See—
Wolfskill, Edna M., Gallas, and Dickinson. 2,847,084.
- Dickinson, William B., and B. L. Zenitz, to Sterling Drug Inc. Hydroxy-lower-alkyl-bis (cyclohexylpropyl) amines, salts thereof, and preparation thereof. 2,828,340, 3-25-58, Cl. 260-563.
- Dickson, William, to H. D. Hudson Mfg. Co. Spraying device. 2,841,923, 7-8-58, Cl. 47-1.
- Dickman, Max. Holders for pressure-actuated cannisters. 2,820,578, 1-21-58, Cl. 222-323.
- Dickmann, Edwin A., to Bemis Bro. Bag Co. Bag apparatus. 2,830,295, 4-15-58, Cl. 1-106.
- Dickmann, Johannes, and G. Euteneuer, to Waldemar Foerster (trading as Total Kommanditgesellschaft Foerster & Co.). Nozzles. 2,844,408, 7-22-58, Cl. 299-120.
- Dickmann, Norbert G., to Dow Corning Corp. Low durometer siloxane elastomers. 2,819,236, 1-7-58, Cl. 260-29.1.
- Dickover, Marion W., to Gould-National Batteries, Inc. Combustion-proof battery vent. 2,858,354, 10-28-58, Cl. 136-179.
- Dickrell, Kenneth J., to Kiekhaefer Corp. Fuel pump. 2,835,239, 5-20-58, Cl. 123-139.
- Dicks, Robert S., to Shell Development Co. Catalyst stripping process. 2,833,699, 5-6-58, Cl. 196-52.
- Dickson, Edgar V., and T. E. Weber, to Hussmann Refrigerator Co. Display case with adjustable refrigerated shelves. 2,822,672, 2-11-58, Cl. 62-89.5.
- Dickson, James G. Cushioned valve tappet. 2,819,705, 1-14-58, Cl. 123-90.
- Dickson, James J., to United States of America, Atomic Energy Commission. Quick releasable drive. 2,841,018, 7-1-58, Cl. 74-25.
- Dickson, John, to General Motors Corp. Valve for internal combustion engine. 2,839,041, 6-17-58, Cl. 123-188.
- Dickson, John, to General Motors Corp. Pump. 2,862,655, 12-2-58, Cl. 230-141.
- Dickson, William M. Method of hot forging or extruding metal shapes and lubricant for use in hot forging and extruding operations. 2,821,016, 1-28-58, Cl. 29-424.
- Dickson, William M. Muffle furnace for heating billets to be forged or extruded. 2,828,954, 4-1-58, Cl. 263-6.
- Dickson, Woodrow J.: See—
Monson, Louis T., and Dickson. 2,819,260.
Monson, Louis T., and Dickson. 2,819,261.
Monson, Louis T., and Dickson. 2,819,301.
Monson, Louis T., and Dickson. 2,854,444.
Monson, Louis T., and Dickson. 2,854,447.
Monson, Louis T., and Dickson. 2,854,449.
- Dickstein, Harold D. Automatic shaft position data encoder. 2,826,252, 3-11-58, Cl. 164-115.
- Dicky, Joseph B.: See—
Towne, Edmund B., Wellman, and Dickey. 2,824,086.
- Di Costanzo, Pa-quale F. Spaghetti bowl. Re. 24,575, 12-16-58, Cl. 220-83.
- Dictaphone Corp.: See—
Di Mattia, Alfred L. 2,849,533.
Di Mattia, Alfred L. 2,855,067.
Gillette, Edward S., and Pierini. 2,820,639.
Gillette, Edward S., and Sherman. 2,865,639.
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Jones, Lloyd R., and Taylor. 2,820,852.
Roberts, Frederick W. 2,857,165.
Roberts, Frederick W., Curtis, Jones, and Freund. 2,833,860.
Roberts, Frederick W., Gillette, Duntze, and Skoog. 2,865,637.
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- Dictograph Products Co., Inc.: See—
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Lehr, Philip N. 2,842,623.
- Diday, Jesse N., to Belmont Casket Mfg. Co. Gravity-actuated closure device for a latch opening in a casket lid. 2,850,787, 9-9-58, Cl. 27-14.
- Didde, Carl W., and D. A. Glaser. Sheet detector for paper gathering apparatus. 2,846,214, 8-5-58, Cl. 270-56.
- Didier-Werke A. G.: See—
Steinhoff, Eduard, and Grossmann. 2,836,638.
- Didziulis, Algirdas A.: See—
Erauer, Clarence H., Brennolt, and Didziulis. 2,855,801.
- Dieckelmann, Gerhard: See—
Heyden, Rudi, Dieckelmann, and Plapper. 2,822,235.
- Dieckmann, Herbert E. Bird call. 2,825,180, 3-4-58, Cl. 46-180.
- Dieckmann, Steffen F.: See—
Boynott, Donald E., and Dieckmann. 2,845,936.
- Diebold, Edward J., to I-T-E Circuit Breaker Co. Inverter with electromagnetically operated contacts. 2,828,462, 3-25-58, Cl. 321-49.
- Diebold, Edward J., to I-T-E Circuit Breaker Co. Variable speed induction motor. 2,832,025, 4-22-58, Cl. 318-238.
- Diebold, Edward J., to International Rectifier Corp. Rectifier mounting device. 2,842,722, 7-8-58, Cl. 317-234.
- Diebold, Edward J., to I-T-E Circuit Breaker Co. Contact time adjustment for mechanical rectifiers. 2,845,592, 7-29-58, Cl. 321-48.
- Diebold, Edward J., to I-T-E Circuit Breaker Co. Protection for series capacitor. 2,859,389, 11-4-58, Cl. 317-12.
- Diebold, Edward J., to I-T-E Circuit Breaker Co. Commutating reactor break pre-excitation for mechanical rectifiers. 2,860,301, 11-11-58, Cl. 321-48.
- Diebold, Inc.: See—
Card, Samuel P. 2,825,614.
Deaton, Charles U., and Graber. 2,858,692.
Deaton, Charles U., and Graber. 2,860,584.
Paca, John P., and Graber. 2,853,355.
Paulos, Harry, and Graber. 2,856,254.
- Diedring, John H., to General Motors Corp. Water drainage from vehicle lamps. 2,831,964, 4-22-58, Cl. 240-41.
- Diefenbach, James C., to Simmon Brothers, Inc. Photographic easel. 2,848,923, 8-26-58, Cl. 88-24.
- Diehl, Erle K., W. T. Hage, and R. E. Matty, to The Babcock & Wilcox Co. Turbidimeter. 2,863,354, 12-9-58, Cl. 88-14.
- Diehl, Harvey C., Jr.: See—
Wolter, Frederick J., and Diehl. 2,819,280.
- Diehl, James L., and B. J. Horne, to Invalid Walker & Wheel Chair Co. Invalid folding walker and chair. 2,866,495, 12-30-58, Cl. 155-22.
- Diehl, Theodore E. Theftproof ignition device. 2,833,841, 5-6-58, Cl. 123-146.5.
- Diehl, Walter H., and A. Nolde, to Western Electric Co., Inc. Apparatus for finishing mercury switches. 2,857,723, 10-28-58, Cl. 53-79.
- Diekhoff, Earl F.: See—
Brastad, William A., Van Krevelen, and Diekhoff. 2,821,665.
- Dielentheis, Peter J. Dough moulding machine. 2,829,606, 4-8-58, Cl. 107-9.
- Diels, Albert, to Poudreries Reunies De Belgique S. A. Percussion fuse for land mines. 2,848,949, 8-26-58, Cl. 102-73.
- Diels, Albert. Means for mechanically tying knots. 2,860,902, 11-18-58, Cl. 289-2.
- Diels, Albert, to Poudreries Reunies de Belgique S. A. Booby trap for mines. 2,863,391, 12-9-58, Cl. 102-8.
- Diels, Albert F. M., and H. Orth, to Poudreries Reunis de Belgique. Process of recrystallizing nitro explosives. 2,858,346, 10-28-58, Cl. 260-645.
- Diem, Albert: See—
Moll, Bernhard, Kriehbaum, and Diem. 2,825,541.
- Diem, Hugh E., to The B. F. Goodrich Co. Polymerization of 2-substituted butadiene-1,3 hydrocarbons with a catalyst comprising a lithium alkoxide and an alkenyl lithium compound. 2,856,391, 10-14-58, Cl. 260-94.2.
- Diemer, Gesinus, to North American Philips Co., Inc. Device for supplying lighting panels. 2,843,804, 7-15-58, Cl. 315-178.

- Diemer, Gesinus, to North American Philips Co., Inc. Electro discharge device with resonator. 2,844,756, 7-22-58, Cl. 315-5.49.
- Diener, David: *See*—
Brotman, Morton and J., and Diener. 2,828,151.
- Diener, Henry C., Jr., to Westinghouse Electric Corp. Indicating system. 2,858,528, 10-28-58, Cl. 340-213.
- Diener, Jack. Interdental papillae stimulator. 2,827,045, 3-18-58, Cl. 128-62.
- Diener, James H., and G. T. Jones, to General Motors Corp. Bumper exhaust. 2,851,118, 9-9-58, Cl. 180-54.
- Diener, Richard, to Berliner Maschinenbau-Actien-Gesellschaft vormals L. Schwartzkopf. Apparatus for the automatic adjustment of a slide movable on a bed, more particularly in machine tools. 2,826,087, 3-11-58, Cl. 74-472.
- Dienersberger, William. Caliper indicator combinations. 2,832,150, 4-29-58, Cl. 33-148.
- Diery, Alfred. Tight closing device for internal pressure vessels. 2,829,796, 4-8-58, Cl. 220-44.
- Dierichs, Wolfgang: *See*—
Kohler, Rudolf, and Dierichs. 2,854,340.
- Dierikx, Petrus. Folding counter stool. 2,855,981, 10-14-58, Cl. 155-78.
- Diersen, Theodore B.: *See*—
Pauls, Edwin A., and Diersen. 2,849,193.
- Dierstein, Roy H.: *See*—
Proxmire, Harry J., and Dierstein. 2,862,043.
- Dierstein, Roy H., and J. E. Podolsky, to General Electric Co. Bushing support for electrical apparatus. 2,862,043, 11-25-58, Cl. 174-152.
- Dies, Herbert F., to Hurd Lock & Mfg. Co. Swivel retainer clip. 2,854,266, 9-30-58, Cl. 287-90.
- Diesbach, F. B.: *See*—
Waechter, Harry J. 2,836,333.
- Diesback, F. B.: *See*—
Becker, Aloysius. 2,827,310.
- Diesel Engine Co. of Texas: *See*—
Teegen, Hermann. 2,821,967.
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- Dietch, Leonard, to Radio Corp. of America. Television deflection apparatus. 2,834,913, 5-13-58, Cl. 315-27.
- Dietier, Norman H., Jr., and I. Michalko, to Sonotone Corp. Phonograph pickups. 2,849,239, 8-26-58, Cl. 274-37.
- Dieter, William L. Weighing scale. 2,827,277, 3-18-58, Cl. 265-63.
- Dietert, Harry W., Co.: *See*—
Dietert, Harry W. 2,854,712.
Dietert, Harry W. 2,854,714.
Dietert, Harry W. and R. L. 2,863,191.
Dietert, Harry W. and R. L., Jameson, and Bowman. 2,848,008.
Dietert, Harry W. and R. L., Jameson, and Micksch. 2,825,946.
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- Dietert, Harry W., to Harry W. Dietert Co. Molding machine. 2,854,712, 10-7-58, Cl. 22-42.
- Dietert, Harry W., to Harry W. Dietert Co. Apparatus for measuring and controlling moisture content of material. 2,854,714, 10-7-58, Cl. 22-89.
- Dietert, Harry W., and W. M. Ball, III, to International Minerals & Chemical Corp. Foundry composition. 2,822,278, 2-4-58, Cl. 106-38.3.
- Dietert, Harry W. and R. L., H. J. Jameson, and J. E. Micksch, to Harry W. Dietert Co. Automatic sand tempering unit. 2,825,946, 3-11-58, Cl. 22-89.
- Dietert, Harry W. and R. L., H. L. Jameson, and C. L. Bowman, to Harry W. Dietert Co. Apparatus for measuring, recording and/or controlling the moisture content of bulk material. 2,848,008, 8-19-58, Cl. 137-90.
- Dietert, Harry W. and R. L., to Harry W. Dietert Co. Sand conditioning equipment. 2,863,191, 12-9-58, Cl. 22-89.
- Dietert, Randolph L.: *See*—
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- Dietrich, Alfred: *See*—
Johannsen, Adolph, Wittmann, Dietrich, and Gebhard. 2,848,314.
- Dietrich, Alvin L. Thrasher cylinder bar. 2,829,652, 4-8-58, Cl. 130-27.
- Dietrich, Edwin B.: *See*—
Thorn, Glenn E., Atkinson, and Dietrich. 2,853,770.
- Dietrich, Forrest W., to Aerophysics Development Corp. Inertia spoiler control for aircraft. 2,852,210, 9-16-58, Cl. 244-42.
- Dietrich, Howard H.: *See*—
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- Dietrich, Howard H., to General Motors Corp. Carburetor. 2,824,725, 2-25-58, Cl. 261-34.
- Dietrich, Howard H., to General Motors Corp. Fuel injection system. 2,847,983, 8-19-58, Cl. 123-119.
- Dietrich, Howard H., and J. M. Barr, to General Motors Corp. Degasser attachment for internal combustion engines. 2,824,726, 2-25-58, Cl. 261-64.
- Dietrich, Joseph R., and J. M. Harrer, to United States of America, Atomic Energy Commission. Apparatus for controlling neutronic reactors. 2,852,458, 9-16-58, Cl. 204-193.2.
- Dietrich, Ralph J. Shower enclosure assembly. 2,851,695, 9-16-58, Cl. 4-154.
- Dietrich, Wallace E., Jr. Electronic curve tracing device. 2,845,572, 7-29-58, Cl. 315-10.
- Dietrich, Wilhelm, and H. Höfermann, to Chemische Werke Huls Akt. Process for the production of glycol sulfate. 2,833,785, 5-6-58, Cl. 260-327.
- Dietrich, Wilhelm, F. Wetter, and H. J. Mertens, to Chemische Werke Huls Akt. Lubricant. 2,843,546, 7-15-58, Cl. 252-48.2.
- Dietsch, Arne K.: *See*—
Lundkvist, Karl A., Wiberg, and Dietsch. 2,842,621.
- Dietz, Albert: *See*—
Nelson, Earl W., Dietz, Wikswo, and Trees. 2,849,083.
- Dietz, Albert G. H., and F. E. Mooney, to United States of America, Army. Transparent protective shield. 2,861,021, 11-18-58, Cl. 154-52.5.
- Dietz, Carl: *See*—
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- Dietz, Charles H., and J. H. Kroemer, to The Standard Register Co. Autographic register. 2,819,071, 1-7-58, Cl. 271-24.
- Dietz, Frederick C., to California Research Corp. Production of phthalic acids. 2,851,487, 9-9-58, Cl. 260-524.
- Dietz, Gerald E.: *See*—
Bydalek, Floyd J., Dietz, Hilgert, and Matthews. 2,844,685.
- Dietz, Gerald E., and A. J. Hilgert, to Baso Inc. Control apparatus for fluid fuel burning apparatus and the like. 2,822,984, 2-11-58, Cl. 236-9.
- Dietz, Gerhard F. Wire rope. 2,863,279, 12-9-58, Cl. 57-147.
- Dietz, Gordon W., to Raybestos-Manhattan, Inc. Friction disc. 2,851,139, 9-9-58, Cl. 192-107.
- Dietz, Karl, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Acid-proof water-glass cements capable of swelling. 2,839,416, 6-17-58, Cl. 106-84.
- Dietz, R. E., Co.: *See*—
Knapp, George A. 2,855,498.
Root, Elihu, 3rd.
- Dietz, William C. F. Tube curler. 2,820,575, 1-21-58, Cl. 222-99.
- Dietz, William C. F. Locking curler for resilient tubes. 2,862,647, 12-2-58, Cl. 222-214.
- Dietz, William J., Jr.: *See*—
Schmider, Henry R., Palmenberg, and Dietz. 2,863,283.
- Dietze, Arthur. Hasp seal. 2,833,581, 5-6-58, Cl. 292-315.
- Dietzgen, Eugene, Co.: *See*—
Helsel, Dolph E. 2,856,218.
- Dietzler, Andrew J., C. R. Noddings, and J. W. Corey, to The Dow Chemical Co. Treatment of calcium nickel phosphate-containing catalysts. 2,824,843, 2-25-58, Cl. 252-437.
- Dietzsch, Hans-Joachim and O., to Trikotfabriken J. Schiesser A. G. Method of and means for weaving. 2,845,093, 7-29-58, Cl. 139-12.
- Dietzsch, Otto: *See*—
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- Di Franco, Julius V., to The Liquidometer Corp. Fluid quantity measuring system. 2,833,147, 5-6-58, Cl. 73-304.
- Digby, James J., to Bendix Aviation Corp. Engine starter gearing. 2,828,630, 4-1-58, Cl. 74-7.
- Digby-Smith, Rodman, and R. A. Sefton-Jenkins, to Engineering & Industrial Exports Ltd. Bridges. 2,842,786, 7-15-58, Cl. 14-6.
- Di Geambeardino, John: *See*—
Silverman, Bernard R., and Di Geambeardino. 2,824,570.
- Di Giacomo, Anthony J., to United States of America, Army. Frequency measurement device. 2,840,812, 6-24-58, Cl. 343-118.
- Di Giacomo, Salvatore. Adjustable paint brush. 2,835,913, 5-27-58, Cl. 15-172.
- Di Giola, Charles J.: *See*—
Pont, Joseph G., and Di Giola. 2,825,920.
- Di Giovanni, Mario, to Stratham Instruments, Inc. Transducer. 2,840,675, 6-24-58, Cl. 201-48.
- Di Giovanni, Mario M., to Statham Instruments, Inc. Motion sensing device. 2,835,772, 5-20-58, Cl. 201-48.
- Di Girolamo, Frank J. Rain shield for windows. 2,831,417, 4-22-58, Cl. 98-99.5.
- Di Girolamo, John V. M., to The Lionel Corp. Thermally controlled electric switches. 2,842,638, 7-8-58, Cl. 200-113.
- Di Girolamo, Joseph, and M. B. Arisman, to Chicago Telephone Supply Corp. Combination variable resistor and switch. 2,836,691, 5-27-58, Cl. 201-55.
- Digital Controls Systems, Inc.: *See*—
Steele, Floyd G. 2,829,323.
Steele, Floyd G. 2,840,306.
Steele, Floyd G. 2,850,726.
Steele, Floyd G. 2,860,294.
Steele, Floyd G. 2,866,177.
- Digital Techniques, Inc.: *See*—
Engelbart, Douglas C. 2,847,603.
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- Di Giulio, Edmund M.: *See*—
Heddendorff, George B., and Di Giulio. 2,853,939.
- Dijkman, Cornelis: *See*—
Fontein, Freek J., and Dijkman. 2,819,795.
- Dijksterhuis, Popko R., and A. R. Hovingh, to North American Philips Co., Inc. Method of electrolytically coating a metallic object with platinum. 2,847,372, 8-12-58, Cl. 204—37.
- Dijksterhuis, Popko R., and R. R. Hovingh, to North American Philips Co., Inc. Method of bonding a titanium member to a ceramic surface. 2,859,512, 11-11-58, Cl. 29—473.1.
- Dijkstra, Hendrik, to Stamicarbon N. V. Coal testing method. 2,860,252, 11-11-58, Cl. 250—53.
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- Di Julio, Carl J.: *See*—
Bull, Edgar M., and Di Julio. 2,844,054.
- Dilcher, Harry J., and R. B. Frost, to Fuller Co. Method and apparatus for blending pulverulent material. 2,844,361, 7-22-58, Cl. 259—1.
- Dildine, Dean M., to General Motors Corp. Free piston engine control. 2,823,653, 2-18-58, Cl. 123—46.
- Diletto, Alfonso J. Ornamental attachment for vent stacks. 2,855,712, 10-14-58, Cl. 41—10.
- Dilg, Walter C. to Waugh Equipment Co. Journal lubricators. 2,859,074, 11-4-58, Cl. 308—88.
- Dilgard, George A. Artificial stone molding machine. 2,819,509, 1-14-58, Cl. 25—42.
- Dilke, Max H., to The Distillers Co. Ltd. Solutions of an alpha-chloro-acrylonitrile polymer stabilized with hydrogen chloride. 2,820,017, 1-14-58, Cl. 260—30.4.
- Dilke, Max H., and B. A. Ripley-Duggan, to The Distillers Co. Ltd. Polyester plasticized vinylidene chloride polymers. 2,853,464, 9-23-58, Cl. 260—45.1.
- Dill, Douglas: *See*—
Dennis, Paul A., and Dill. 2,865,337.
- Dill, Hans: *See*—
O'Dwyer, Martin T., and Dill. 2,864,889.
- Dill Mfg. Co., The: *See*—
Boyer, Ralph K., 2,835,305.
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Gaillard, Robert J., 2,825,930.
- Dill, Winnefred S. Jet perforating gun. 2,818,808, 1-7-58, Cl. 102—20.
- Dillberg Raymond E., and J. R. Garner, to Clary Corp. Butterfly valve construction. 2,835,268, 5-20-58, Cl. 137—315.
- Dille, Kenneth L.: *See*—
Heisler, Robert Y., Newman, Dille, and Alpert. 2,844,450.
Newman, Stanley R., Dille, Heisler, and Alpert. 2,866,758.
Newman, Stanley R., Heisler, Dille, and Alpert. 2,842,433.
- Dille, Kenneth L., R. Y. Heisler, S. R. Newman, and N. Alpert, to The Texas Co. Novel carbonic acid diesters of an aliphatic alcohol and a polyglycol monoether. 2,821,538, 1-28-58, Cl. 260—463.
- Dille, Kenneth L., R. Y. Heisler, S. R. Newman, and N. Alpert, to The Texas Co. Fuels containing a deposit-control additive. 2,844,449, 7-22-58, Cl. 44—70.
- Dille, Roger M.: *See*—
Eastman, Du Bois, Dille, and Chapman. 2,865,864.
- Dillehay, Edward R., and G. H. Fernald. Storage battery separator. 2,862,988, 12-2-58, Cl. 136—146.
- Diller, Isaac M., to H. Brout. Effervescent powders for producing protracted ebullition. 2,851,359, 9-9-58, Cl. 99—78.
- Diller, Isaac M., to H. Brout. Carbonated soft drink and concentrate for producing same. 2,851,360, 9-9-58, Cl. 99—78.
- Diller, Isaac M., to H. Brout. Carbonated drink and concentrate for producing same. 2,851,361, 9-9-58, Cl. 99—78.
- Dillingham, Frederick L., to Soderhamn Machine Mfg. Co. Machine for debarking slabs. 2,855,011, 10-7-58, Cl. 144—208.
- Dillingham, John H.: *See*—
Dillingham, Waldo R., J. H., and T. 2,839,822.
- Dillingham, Thomas: *See*—
Dillingham, Waldo R., J. H., and T. 2,839,822.
- Dillingham, Waldo R., J. H., and T. Grease cup removing tool with wedge fulcrum. 2,839,822, 6-24-58, Cl. 29—245.
- Dillman, Earnest J., to American Radiator & Standard Sanitary Corp. Heating and cooling system and valve therefor. 2,835,446, 5-20-58, Cl. 236—1.
- Dillmann, Ernest F. Rear view mirror. 2,856,814, 10-21-58, Cl. 88—93.
- Dillon, Ambrose P. Electrical outlet connectors. 2,866,033, 12-23-58, Cl. 200—115.5.
- Dillon, Ambrose P. Electrical outlet receptacles. 2,866,034, 12-23-58, Cl. 200—115.5.
- Dillon, Chadbourn L.: *See*—
Sterges, Alfred D., and Dillon. 2,831,594.
- Dillon, Edwin I., to W. C. Dillon & Co., Inc. Resilient nut with tension indicating means. 2,830,486, 4-15-58, Cl. 85—62.
- Dillon, Ernesto P. Telescopic sight mount for fire arms. 2,836,895, 6-3-58, Cl. 33—50.
- Dillon, Howard E.: *See*—
Fisher, George F., and Dillon. 2,824,219.
- Dillon, Irving W. Soil sterilizer. 2,856,505, 10-14-58, Cl. 219—38.
- Dillon, John P. Leg rests. 2,850,081, 9-2-58, Cl. 155—169.
- Dillon, Stephen V. Rod stabilizer device for wells. 2,847,260, 8-12-58, Cl. 308—4.
- Dillon, W. C., & Co., Inc.: *See*—
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- Di Lorenzo, Norman S.: *See*—
De Angelis, Armand, Hoyt, and Di Lorenzo. 2,832,260.
- Dilts, Lee E., to General Electric Co. Filament feeding apparatus. 2,858,008, 10-28-58, Cl. 198—33.
- Dilts, Lee E., and J. H. Hollopetre, to General Electric Co. Wire feeding apparatus. 2,845,200, 7-29-58, Cl. 221—210.
- Di Luglio, Theodore. Retaining attachment for a slide fastener. 2,836,872, 6-3-58, Cl. 24—205.11.
- Dilworth, John P.: *See*—
Jordan, Terence B., Dilworth, and Givens. 2,827,395.
- Dilworth, John P., O. P. Puryear, and H. V. Ashburn, deceased, by E. L. Ashburn, administratrix, to The Texas Co. Anhydrous calcium 12-hydroxy stearate grease. 2,822,331, 2-4-58, Cl. 252—40.
- Dilworth, John P., and J. R. Roach, to The Texas Co. Lubricating grease thickened with sodium myristate and a phthalocyanine. 2,836,563, 5-27-58, Cl. 252—42.1.
- Dilworth, John P., C. H. Culnane, Jr., and R. F. Nelson, to The Texas Co. Process for anhydrous calcium 12-hydroxy stearate and estolide containing grease. 2,862,884, 12-2-58, Cl. 252—39.
- Dilworth, Thomas B., to General Motors Corp. Railway vehicle truck. 2,840,009, 6-24-58, Cl. 105—198.
- Dilworth, Thomas B., to General Motors Corp. Coupling assembly. 2,857,056, 10-21-58, Cl. 213—1.
- Dilworth, Thomas B., M. Ephraim, Jr., and J. T. Ialeggio, to General Motors Corp. Air heating system. 2,846,148, 8-5-58, Cl. 237—8.
- Di Mattia, Alfred L., to Dictaphone Corp. Headphone device. 2,849,533, 8-26-58, Cl. 179—1.
- Di Mattia, Alfred L., to Dictaphone Corp. Sound-shielding housing for a microphone. 2,855,067, 10-7-58, Cl. 181—34.
- Di Mattia, Arthur P.: *See*—
Robinson, David Z., Di Mattia, McDaniel, and Collette. 2,855,522.
- Di Mattia, Samuel P., and J. N. Bruce. Surge pressure absorber. 2,838,073, 6-10-58, Cl. 138—30.
- Di Mauro, Joseph: *See*—
Maurer, Pierre, and Di Mauro. 2,862,300.
- Dimoff, John. Servomotor capacitance-coupled potentiometer wiper circuit. 2,844,776, 7-22-58, Cl. 318—29.
- Dimensional Products, Inc.: *See*—
Van Den Berg, Richard H. 2,847,781.
- Di Meo, Unico, and T. C. Reeves, to T. J. Cope, Inc. Connecting means for cable-supporting trough systems and the like. 2,823,056, 2-11-58, Cl. 287—103.
- Di Miscio, William A.: *See*—
Walberg, Nathan C., and Di Miscio. 2,842,812.
- Dimitroff, Vladimir T., Jr.: *See*—
Weaver, Fimir L., and Dimitroff. 2,821,664.
- Dimmock, James W., to The Sherwin-Williams Co. Dual ring element container closure. 2,844,276, 7-22-58, Cl. 220—55.
- Dimmock, Norman A.: *See*—
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- Dimond, George H., to Consolidated Packaging Machinery Corp. Spindle arrester for capping machines. 2,819,577, 1-14-58, Cl. 53—317.
- Dimond, George H., to Consolidated Packaging Machinery Corp. Capping chuck. 2,837,885, 6-10-58, Cl. 53—369.
- Dimond, George H., to Consolidated Packaging Machinery Corp. Single station capping machine. 2,842,914, 7-15-58, Cl. 53—67.
- Dimond, George H., to Consolidated Packaging Machinery Corp. Rectifier for orienting bottle caps. 2,866,577, 12-30-58, Cl. 221—173.
- Dimond, Harold L.: *See*—
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Shrader, Marvin O., Dimond, and Schult. 2,839,534.
- Dimond, Harold L., L. J. Fleckenstein, and M. O. Shrader, to Pittsburgh Coke & Chemical Co. Dehydration of 2-pyridine ethanol to 2-vinyl pyridine. 2,848,456, 8-19-58, Cl. 260—290.
- Dimond, Thomas L., to Bell Telephone Laboratories, Inc. Battery charging over subscriber telephone line. 2,829,204, 4-1-58, Cl. 179—26.
- Dimond, Thomas L., to Bell Telephone Laboratories, Inc. Encapsulation for electrical components and method of manufacture. 2,829,320, 4-1-58, Cl. 317—234.
- Dimond, Thomas L., to Bell Telephone Laboratories, Inc. Automatic wiring system and apparatus. 2,862,671, 12-2-58, Cl. 242—7.
- Di Monaco, George S.: *See*—
Mahaffy, Reid A., Young, and Di Monaco. 2,858,655.
- Dinardi, Enrique: *See*—
Di Pascuale, Diego F. J., Dinardi, and Eneström. 2,818,923.
- Di Nardo, Albert: *See*—
Gardner, James H., Robertson, and Di Nardo. 2,824,142.
Robertson, Nat C., Tewksbury, and Di Nardo. 2,824,124.
- Di Nardo, Albert, J. H. Gardner, N. C. Robertson, and C. I. Tewksbury, to Escambia Chemical Corp. Production of high molecular weight alcohols from ethylene and oxygen. 2,824,131, 2-18-58, Cl. 260—533.

- Di Nardo, Albert, J. H. Gardner, and N. C. Robertson, to Escambia Chemical Corp. Production of chemicals. 2,847,434, 8-12-58, Cl. 260-413.
- D'Incerti, Ludovico, to Ferrania S. p. A. Portable projection apparatus for diapositives and microfilms. 2,847,902, 8-19-58, Cl. 88-24.
- Dine, Romuald: *See*—
Newman, Leslie W., and Dine. 2,859,807.
- Dines, James M.: *See*—
Chubb, Melvin F., and Dines. 2,852,593.
- Dingeldein, Otto F. Communion service. 2,851,154, 9-9-58, Cl. 206-19.
- Dingman, Glen H.: *See*—
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- Dingman, Robert W., L. P. Michel, and W. D. Schaeffer, to Godfrey L. Cabot, Inc. Process and apparatus for the production of aluminum oxide. 2,828,186, 3-25-58, Cl. 23-142.
- Dingman, Thomas C.: *See*—
Jamieson, John W., and Dingman. 2,841,996.
- Dings Magnetic Separator Co.: *See*—
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- Dinion Coil Co., Inc.: *See*—
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- Dinnick, George M., to the United States of America as represented by the Secretary of the Navy. Connector for tubular conduits. 2,822,418, 2-4-58, Cl. 174-88.
- Dinsmore, Robert L.: *See*—
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- Dinsmore, Robert L., and W. V. Spencer, to Richfield Oil Corp. Process of recovering cobalt, cerium, and manganese catalysts. 2,865,708, 12-23-58, Cl. 23-61.
- Dinsmore, Thomas L., to McGraw-Edison Co. Dictating machine. 2,822,426, 2-4-58, Cl. 179-100.1.
- Dinsmore, Thomas L., to McGraw-Edison Co. Dictating machine. 2,855,205, 10-7-58, Cl. 274-21.
- Dinter, Henry A., to Minneapolis-Honeywell Regulator Co. Mounting means for angular pickoffs. 2,837,924, 6-10-58, Cl. 74-5.6.
- Dintino, Alfonso L.: *See*—
McNair, Hugh N., and Dintino. 2,856,234.
- Di Nunzio, Joseph: *See*—
D'Angelo, Joseph, and Di Nunzio. 2,850,093.
- Di Nunzio, Joseph, and A. Gans, to Roto Bag Machine Corp. Method and apparatus for releasing adjacent layers of material for opening bags. 2,855,831, 10-14-58, Cl. 93-8.
- Dioguardi, Oreste Jr. Name plate attachments. 2,835,014, 5-20-58, Cl. 24-253.
- Dion, John F.: *See*—
Gross, Frank C., and Dion. 2,827,287.
- Dion, Warren E.: *See*—
Parkins, Wallace W., and Dion. 2,845,177.
- Di Padova, Lucy K., $\frac{1}{2}$ to J. J. Cannon. Collapsible hat box. 2,854,050, 9-30-58, Cl. 150-1.
- Di Palma, Joseph. Cable grip tube puller. 2,847,244, 8-12-58, Cl. 294-20.
- Di Pasquale, Diego F. J., E. Dinardi, and R. Eneström. Machine for manufacturing grids. 2,818,923, 1-7-58, Cl. 164-87.
- Di Pasquale, Joseph S.: *See*—
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- Di Pasquale, Renato, and C. M. Gold, to Yardney International Corp. Electrode assembly for electric batteries. 2,851,509, 9-9-58, Cl. 136-6.
- Diperstein, David: *See*—
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- Di Pietro, Anthony J.: *See*—
Joseph, Louis, and Di Pietro. 2,865,098.
- Di Pietro, Charles D.: *See*—
Pellier, Laurence D., and Di Pietro. 2,865,376.
- Di Pietro, William O., to National Research Corp. Method of producing titanium crystals. 2,847,297, 8-12-58, Cl. 75-84.5.
- Dipner, Charles D., to Minnesota Mining and Mfg. Co. Method of fusing high molecular weight polymers at low temperatures. 2,834,993, 5-20-58, Cl. 18-57.
- Dippel, Cornelis J., and J. J. Houtman, to North American Philips Co., Inc. Method of producing a physically developable latent photographic image. 2,838,398, 6-10-58, Cl. 96-49.
- Direct Image Offset Corp.: *See*—
Schultz, Herman J. 2,827,942.
- Dirzius, Bennie F., and R. H. Mayfield; said Mayfield assor. to said Dirzius. High speed drilling attachment. 2,826,095, 3-11-58, Cl. 74-606.
- Di Salvo, Walter A.: *See*—
Griffith, Richard, Di Salvo, Kapp, and Rosenberg. 2,819,303.
- Di Sanza, Richard A., and A. Hlynsky, to Diamond Alkali Co. Production of carboxylic acid esters. 2,861,098, 11-18-58, Cl. 260-493.
- Dis Ario, Daniel A., $\frac{1}{2}$ to E. T. Filippini, and $\frac{1}{2}$ to M. H. Stein. Electronic fog penetrating apparatus. 2,825,815, 3-4-58, Cl. 250-83.3.
- Diseker, Alan G.: *See*—
Stone, Luther E., Jr., and Diseker. 2,856,899.
- Diseker, Alan G. Poultry feeder. 2,849,982, 9-2-58, Cl. 119-53.
- Dishal, Milton, J. S. Le Grand, G. L. Pellegrinelli, H. W. Morrow, and J. A. Koehler, to International Telephone and Telegraph Corp. Control system for correcting phase and amplitude. 2,861,177, 11-18-58, Cl. 250-17.
- Dishong, Norman. Foot pedal. 2,851,902, 9-16-58, Cl. 74-560.
- Disney Products, Inc.: *See*—
Gunderson, Arthur M. 2,866,303.
- Disney, Walter E., to Disneyland, Inc. Rocket ship amusement apparatus. 2,861,806, 11-25-58, Cl. 272-18.
- Disneyland, Inc.: *See*—
Disney, Walter E. 2,861,806.
- Display Corp.: *See*—
Sauer, Lloyd A. 2,850,823.
- Diss, Edward M., to The Dow Chemical Co. Sealing orifice for steam tubes and the like. 2,835,121, 5-20-58, Cl. 68-6.
- Disson, Stanley B., and A. J. Meyerhoff, to Burroughs Corp. Diodeless transfer circuit. 2,832,065, 4-22-58, Cl. 340-174.
- Di Stefano, Helen, $\frac{1}{2}$ to M. Burge. Upholstered pillow with removable case. 2,845,637, 8-5-58, Cl. 5-339.
- Di Stefano, John F., to Thompson Products, Inc. Two stage air turbine driven fuel pump. 2,863,395, 12-9-58, Cl. 103-87.
- Distillers Co. Ltd., The: *See*—
Armstrong, Godfrey P., and Millidge. 2,825,740.
Basch, Heinz P. 2,834,743.
Bewley, Thomas. 2,835,614.
Branch, Sidney J. 2,849,456.
Dilke, Max H., 2,820,017.
Dilke, Max H., and Ripley-Duggan. 2,853,464.
Elce, Alec, Graham, Millidge, Robson, and Young. 2,861,923.
- Felton, Thomas A. 2,859,125.
- Gasson, Edward J. 2,830,994.
- Hadley, David J. 2,846,462.
- Hadley, David J., and Wood. 2,838,558.
- Hadley, David J., and Wood. 2,839,535.
- Jones, Robert J. 2,835,288.
- Jones, Robert J., Matthews, and Perry. 2,835,287.
- Lacey, Richard N. 2,847,423.
- Lacey, Richard N. 2,848,496.
- Lacey, Richard N. 2,862,964.
- Lacey, Richard N., and Blades. 2,843,630.
- Lee, Neville D. 2,825,722.
- Munday, Charles W. 2,844,728.
- Parker, George. 2,862,969.
- Phillip, Thomas B. 2,856,096.
- Phillip, Thomas B. 2,862,294.
- Quin, Denis C. 2,854,487.
- Raum, Alaric L. J. 2,839,587.
- Ripley-Duggan, Basil A. 2,842,519.
- Sparks, Anthony. 2,855,389.
- Spearing, Michael H. 2,839,707.
- Staudinger, Johann J. P., and Williams. 2,851,379.
- Ditesheim, Bernard, to Fabriques Movado. Watch case support. 2,858,662, 11-4-58, Cl. 58-88.
- Ditgens, Karl: *See*—
Reuschle, Georg, Ochel, and Ditgens. 2,826,629.
- Dithmar, Karl, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Synthetic fibers and the like. 2,819,173, 1-7-58, Cl. 106-166.
- Di Tiro, Domenic A., and R. D. Ei, to Ross Operating Valve Co. Shiftable mechanism with momentarily actuated control. 2,859,735, 11-11-58, Cl. 121-46.5.
- Ditmar Jansse, to Ditmar Zonen N. V. Heat transmission indicating system for sugar solution. 2,838,934, 6-17-58, Cl. 73-349.
- Ditmar Zonen N. V.: *See*—
Ditmar Jansse. 2,838,934.
- Dit-M Co., Inc.: *See*—
Hannon, Warren W. 2,849,677.
Hannon, Warren W. 2,849,678.
Heller, George P. 2,821,126.
- Di Toro, Michael J., W. Graham, and S. M. Schreiner, to International Telephone and Telegraph Corp. Volume expander. 2,845,599, 7-29-58, Cl. 332-38.
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- Ditting, Adolf, and W. Engi; said Engi assor. to said Ditting. Adjustable grinding disc. 2,852,203, 9-16-58, Cl. 241-259.
- Dittman, Albert L.: *See*—
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- Dittmann, John F., and E. B. Cupp, to The Eagle-Picher Co. Polyelectrolytes in battery pastes. 2,866,840, 12-30-58, Cl. 136-26.
- Dittmar, Gerhard, and R. Putter, to Farbenfabriken Bayer Aktiengesellschaft. Monoazo dyestuffs. 2,830,042, 4-8-58, Cl. 260-146.
- Dittmar, Harry R.: *See*—
Boag, James C., and Dittmar. 2,822,252.
- Dittmar, Harry R., and J. H. Burney, to Ethyl Corp. Separation of tri-(phosphonitrilic chloride). 2,862,799, 12-2-58, Cl. 23-312.
- Dittmore-Freimuth Corp.: *See*—
Trickle Russell W., Jr. 2,845,521.

- Ditto, Inc. : See—**
 Bruns, Herbert F. 2,824,737.
 Bruns, Herbert F. 2,826,142.
 Gullixson, Harold R., and Bruns. 2,831,682.
 Maguire, Richard G., and Hedrick. 2,864,720.
 Smitzer, Louis A. 2,825,434.
- Dittrich, Elmer J. : See—**
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- Dittrich, Rudolf. Method and apparatus for making a fabric. 2,844,017, 7-22-58, Cl. 66-85.**
- Diveley, William R., to Hercules Powder Co. Dithiophosphate insecticides. 2,833,805, 5-6-58, Cl. 260-461.**
- Diveley, William R., to Hercules Powder Co. Beta-alkylmercaptovinyl dialkyl phosphate and thiophosphate insecticides. 2,864,740, 12-16-58, Cl. 167-22.**
- Diveley, William R., to Hercules Powder Co. Di (alkylmercapto) substituted vinyl, dialkyl phosphate and thiophosphate insecticides. 2,864,741, 12-16-58, Cl. 167-22.**
- Diveley, William R., to Hercules Powder Co. S-(O,O-dialkyl phosphorothioates) of dioxenethiol, thioxenethiol and dithienethiol. 2,864,826, 12-16-58, Cl. 260-327.**
- Divental, Albertus, to N. V. Hollandsche Draad-En Kabel-fabriek. Lighting fitting adapted for suspension. 2,835,790, 5-20-58, Cl. 240-46.59.**
- Dixie Mercerizing Co. : See—**
 Claiborne, Jefferson L., and Luther. 2,834,860.
- Dixie Type and Supply Co. : See—**
 Rothoff, Arnold H. 2,839,991.
- Dixon, Austin : See—**
 Morley, Fred J., Jr., Manno, and Dixon. 2,845,524.
- Dixon, Charles H., to Ex-Cell-O Corp. Container nesting method. 2,833,185, 5-6-58, Cl. 93-93.**
- Dixon Corp. : See—**
 Rulon-Miller, Robert, and Tabor. 2,834,996.
- Dixon, Frederick A., and W. M. Anderson, to Royal McBee Corp. Vacuum feed. 2,827,290, 3-18-58, Cl. 271-32.**
- Dixon, Fredric J., to Telecomputing Corp. Actuating torque equalizing device. 2,845,246, 7-29-58, Cl. 251-24.**
- Dixon, George F., Jr. Concrete mattress machine. 2,835,016, 5-20-58, Cl. 25-2.**
- Dixon, Glenn R., to Olin Mathieson Chemical Corp. Tube extrusion. 2,848,747, 8-26-58, Cl. 18-47.5.**
- Dixon, Henry J. : See—**
 Chapman, Joseph E. G., Dixon, Harwood, and Harthman. 2,827,618.
- Dixon, Henry O., to Phillips Petroleum Co. Recovering oils from formations. 2,862,558, 12-2-58, Cl. 166-40.**
- Dixon, James K. : See—**
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- Dixon, John S., Jr., and E. J. Koloseus, to National Foam Systems, Inc. Manufacture of foamed gypsum and the like. 2,862,829, 12-2-58, Cl. 106-88.**
- Dixon, John S., Jr., and G. B. Geyer, to National Foam System, Inc. Method of producing aerated cementitious material. 2,864,714, 12-16-58, Cl. 106-88.**
- Dixon, John W. Lateral support for humans on flat vehicle seats. 2,822,033, 2-4-58, Cl. 155-182.**
- Dixon, John W. Collapsible lateral back support for humans on vehicle seats. 2,822,034, 2-4-58, Cl. 155-182.**
- Dixon, Joseph A., to California Research Corp. Polyamide grease composition. 2,830,954, 4-15-58, Cl. 252-51.5.**
- Dixon, Joseph A., to California Research Corp. Polyamide-thickened grease. 2,830,955, 4-15-58, Cl. 252-51.5.**
- Dixon, Joseph, Crucible Co., The : See—**
 Statler, Lowell. 2,842,791.
- Dixon, Lewis C. Formica knife. 2,859,517, 11-11-58, Cl. 30-317.**
- Dixon, Robert W., and H. F. Plate, Jr., to H. K. Porter Co. Means for maintaining standby power source in immediate readiness. 2,856,543, 10-14-58, Cl. 290-30.**
- Dixon, Roland E., and C. C. Chapman, to Phillips Petroleum Co. Alkylation of hydrocarbons. 2,820,073, 1-14-58, Cl. 260-683.45.**
- Dixon, Stanley, to E. I. du Pont de Nemours and Co. Alkyl hexafluorocyclobutanes and process for preparing them. 2,848,504, 8-19-58, Cl. 260-648.**
- Dixon, Thomas P. : See—**
 Evans, William E., Pohl, Dixon and Hopf. 2,863,938.
- Dizem, Societe Anonyme : See—**
 Maze-Sencier, Alphonse M. E. J., Charles, and Freisz. 2,828,249.
- Djerassi, Carl : See—**
 Rosenkranz, George, and Djerassi. 2,825,735.
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- Djerassi, Carl, F. Sondheimer, and G. Rosenkranz, to Syntex, S. A. Process for the production of cyclopentanophenanthrene derivatives. 2,842,543, 7-8-58, Cl. 260-239.55.**
- Djerassi, Carl, F. Sondheimer, A. Sandoval, and G. Rosenkranz, to Syntex S. A. 19-nordesoxycorticosterone and process therefor. 2,861,085, 11-18-58, Cl. 260-397.4.**
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- Dloniak, Casimir G., 1/2 to A. V. Harrison. Miterless corner moulding. 2,823,432, 2-18-58, Cl. 20-74.**
- Dmitriev, Nickolas T., and D. G. De Courcey, to Boeing Airplane Co. Indirectly illuminated instrument panels. 2,848,830, 8-26-58, Cl. 40-130.**
- Dmowski, Louis R. : See—**
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- D'Nelly, Gregg O., and N. B. Fjeldsted, to Hughes Aircraft Co. Transistor phase detector. 2,820,143, 1-14-58, Cl. 250-31.**
- Doak, Kenneth W., to United States Rubber Co. Process for the promotion of the low hysteresis processing of rubber using iodoform. 2,844,556, 7-22-58, Cl. 260-41.5.**
- Doak, Robert A., Jr., and L. R. Garza, to United States of America, Army. Contact type latch and firing mechanism for rocket launcher. 2,836,105, 5-27-58, Cl. 89-1.7.**
- Doak, Robert A., Jr., and L. R. Garza, to United States of America, Army. Rocket launcher, breech guard and contactor latch. 2,846,924, 8-12-58, Cl. 89-1.7.**
- Do-All Metal Products Co., Inc. : See—**
 Bouillon, George M. 2,825,200.
- Doan, Wendell H. : See—**
 Hoshield, Bryce A., and Doan. 2,828,361.
- Doane, Clarence F. Expandable vehicle trailer. 2,858,581, 11-4-58, Cl. 20-2.**
- Doane, Donald C. : See—**
 Carr, Boyd H., Doane, and Lefevre. 2,831,822.
- Doane, Harry C., to General Motors Corp. Control system for power brake system utilizing auxiliary vacuum pump. 2,863,286, 12-9-58, Cl. 60-60.**
- Doane, Malcolm E. : See—**
 Hardman, Kenneth V., Lang, and Doane. 2,849,741.
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- Dobay, Donald G., to The B. F. Goodrich Co. Keto-acid ester plasticizers for vinylidene cyanide polymers. 2,838,467, 6-10-58, Cl. 260-31.6.**
- Dobay, Donald G., to The B. F. Goodrich Co. Plasticized vinylidene cyanide polymers. 2,855,375, 10-7-58, Cl. 260-30.8.**
- Dobbin, James C., to Minneapolis-Honeywell Regulator Co. Thermostatic control devices. 2,843,323, 7-15-58, Cl. 236-48.**
- Dobbin, Rollins E., and C. B. Beck, to Godfrey L. Cabot, Inc. After treatment of channel carbon black. 2,830,879, 4-15-58, Cl. 23-209.8.**
- Dobbins, Walter J., to American Can Co. Method of attaching resilient end closures to containers. 2,846,831, 8-12-58, Cl. 53-40.**
- Dobbins, Willis E., to The National Cash Register Co. Logical gate correcting circuit. 2,863,054, 12-2-58, Cl. 250-27.**
- Dobbs, Earl B. Connector for vacuum cleaners. 2,861,586, 11-25-58, Cl. 137-360.**
- Dobbs, William G. : See—**
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- Dobell, Curzon, to The Preload Co., Inc. Reinforced pavements. 2,833,186, 5-6-58, Cl. 94-22.**
- Dobell, Curzon, and E. C. Molke, to The Preload Co., Inc. Prestressed pavements. 2,852,991, 9-23-58, Cl. 94-22.**
- Dobes, Michael J., and C. A. Schurr, to The National Acme Co. Electrical switch mechanism. 2,860,202, 11-11-58, Cl. 200-61.58.**
- Dobischek, Dietrich, and H. Jacobs, to United States of America, Army. Cold cathode vacuum tube. 2,842,706, 7-8-58, Cl. 315-11.**
- Dobkin, William J. Collapsible table of the type having a table top and foldable legs. 2,835,544, 5-20-58, Cl. 311-83.**
- Doble, Warren : See—**
 Vaughter, Robert E., McLean, and Doble. 2,855,853.
- Doble, Warren, to Jabsco Pump Co. Shaft seal with take-up for wear. 2,836,441, 5-27-58, Cl. 286-11.16.**
- Doble, Warren, to Jabsco Pump Co. Pump. 2,853,021, 9-23-58, Cl. 103-117.**
- Doble, Warren, to Jabsco Pump Co. Pump with sealed impeller hub. 2,858,769, 11-4-58, Cl. 103-117.**
- Doble, Warren, to Jabsco Pump Co. Spring operated clutch. 2,858,920, 11-4-58, Cl. 192-89.**
- Dobner, Reinhold : See—**
 Benink, Christiaan J. M., and Dobner. 2,858,786.
- Dobres, Robert M. : See—**
 Baker, Richard W., Ciapetta, and Dobres. 2,849,378.
- Dobro, Maurice. Ornamental button cover attachment. 2,850,779, 9-9-58, Cl. 24-113.**
- Dobrosavljević, Stojmir, to International Engineering General Research & Licensing Co. Mechanical seal between rotary and coaxial mechanical members. 2,866,656, 12-30-58, Cl. 286-11.14.**
- Dobrowski, Alfons. Convertible child's vehicle. 2,854,241, 9-30-58, Cl. 280-7.17.**
- Dobson, George, to Power Jets (Research and Development) Ltd. Method of generating combustion gases by burning a gaseous combustible mixture. 2,828,605, 4-1-58, Cl. 60-39.02.**
- Dobson, Harold R., to Sylvania Electric Products Inc. Television synchronizing signal separator. 2,840,703, 6-24-58, Cl. 250-27.**
- Dochterman, Richard W., to General Electric Co. Bearing lubricating means. 2,850,336, 9-2-58, Cl. 308-125.**
- Dockhorn, Wayne A. Stereoscopic viewer for motion pictures. 2,825,263, 3-4-58, Cl. 88-16.6.**
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- Dodd, Cathryn E., and M. C. Locking mechanism for power operated can opener. 2,850,799, 9-9-58, Cl. 30-4.**

- Dodd, Geoffrey J., to Cornell Paperboard Products Co. Windowed carton with integral dividers. 2,854,182, 9-30-58, Cl. 229-27.
- Dodd, Marvin C.: See—
- Dodd, Cathryn E. and M. C. 2,850,799.
- Dodd Products Inc.: See—
- Dougherty, Bernard E. 2,840,947.
- Dodd, Roy F., to the United States of America as represented by the Secretary of the Navy. Open-face non-glare type viewing hood. 2,819,459, 1-7-58, Cl. 340-369.
- Dodd, William C. Bait harness. 2,848,836, 8-26-58, Cl. 43-44.6.
- Dodds, Paul L. Base construction for furniture, such as tables and chairs. 2,836,007, 5-27-58, Cl. 45-139.
- Dodds, Wellesley J., to Radio Corp. of America. Traveling wave tubes. 2,830,221, 4-8-58, Cl. 315-3.6.
- Dodds, Wellesley J., and R. W. Peter, to Radio Corp. of America. Traveling wave electron tube. 2,828,440, 3-25-58, Cl. 315-3.6.
- Dodge, Adiel Y. Hydraulic torque converter. 2,820,373, 1-21-58, Cl. 74-677.
- Dodge, Adiel Y. One way clutch. 2,822,905, 2-11-58, Cl. 192-45.1.
- Dodge, Adiel Y., to Borg-Warner Corp. Hydraulic torque converter. 2,848,906, 8-26-58, Cl. 74-677.
- Dodge, Adiel Y. Transmissions. 2,860,525, 11-18-58, Cl. 74-75.4.
- Dodge, Albert O. Automatic firing device. 2,830,538, 4-15-58, Cl. 102-8.
- Dodge, Eric H., and S. J. Gartner, to Sylvania Electric Products Inc. Mercury dispenser. 2,842,290, 7-8-58, Cl. 222-167.
- Dodge, Flavius A. Code tape punch. 2,836,244, 5-27-58, Cl. 164-111.
- Dodge, Howard M., to The General Tire and Rubber Co. Cellular elastic cushion. 2,835,313, 5-20-58, Cl. 155-179.
- Dodge Mfg. Corp.: See—
- Firth, David. 2,856,047.
- Firth, David. 2,856,211.
- Wentworth, Starr S. 2,844,782.
- Dodge, Milton L., to Compo Shoe Machinery Corp. Shoe upper stretching machine. 2,824,317, 2-25-58, Cl. 12-53.6.
- Dodge, Parker, to The New York Air Brake Co. Secondary unloader for pump systems. 2,823,690, 2-18-58, Cl. 137-108.
- Dodge, Robert J., to Buoy, Inc. Floating marker. 2,819,476, 1-14-58, Cl. 9-8.
- Dodge, Robert J., to Buoy, Inc. Electrically lighted buoy. 2,856,616, 10-21-58, Cl. 9-8.3.
- Dodge, Ronald D., to International Business Machines Corp. Control for a decelerating mechanism. 2,826,287, 3-11-58, Cl. 197-183.
- Dodge, Ronald D. Power operated tabulating mechanism. 2,854,123, 9-30-58, Cl. 197-178.
- Dodge, Ronald D., and J. H. Norcross, to International Business Machines Corp. Typewriter carriage decelerator. 2,854,124, 9-30-58, Cl. 197-183.
- Dodge, Sherwood O., to H. F. Livermore Corp. Transferer latches for weft replenishing looms. 2,818,885, 1-7-58, Cl. 139-243.
- Dodge, Sherwood O., to H. F. Livermore Corp. Shuttle-guides for change-box looms. 2,839,091, 6-17-58, Cl. 139-155.
- Dodge Stee Co.: See—
- Green, Charles F. 2,835,005.
- Dodge, N. Raymond: See—
- Brown, Calvin O., and Dodge. 2,842,180.
- Dodgen, Carroll D., to Link-Belt Speeder Corp. Skid mount for construction and excavating equipment. 2,832,603, 4-29-58, Cl. 280-12.
- Dodgen, Durward F., Jr.: See—
- Uraneck, Carl A., Sonnenfeld, and Dodgen. 2,859,201.
- Dodgson, Ronald S., to General Telephone Laboratories, Inc. Telephone call intercepting system. 2,831,066, 4-15-58, Cl. 179-27.
- Dodich, Nicholas A. Machine gun trigger mechanism. 2,826,121, 3-11-58, Cl. 89-140.
- Dodson, Harold L., to General Electric Co. Getter support structure. 2,835,841, 5-20-58, Cl. 313-181.
- Dodson, Raymond M.: See—
- Goldkamp, Arthur H., and Dodson. 2,833,794.
- Muir, Robert D., and Dodson. 2,823,170.
- Sollman, Paul B., and Dodson. 2,847,427.
- Dodson, Raymond M., to G. D. Searle & Co. 17-(pyridine-acrylyl)-4-androsten-3-ones. 2,862,923, 12-2-58, Cl. 260-239.5.
- Dodson, Raymond M., to G. D. Searle & Co. 21-furfurylidene and 21-thienylidene derivatives of progesterone and 19-nor-progesterone. 2,862,924, 12-2-58, Cl. 260-239.5.
- Dodson, Raymond M., and P. B. Sollman, to G. D. Searle & Co. 3-oxygenated 16-hydroxy-D-homopregnen-20-ones and their esters. 2,822,381, 2-4-58, Cl. 260-488.
- Dodson, Raymond M., and P. B. Sollman, to G. D. Searle & Co. Aralkoxynaphthalene derivatives. 2,831,887, 4-22-58, Cl. 260-520.
- Dodson, Raymond M., A. H. Goldkamp, and R. Pappo, to G. D. Searle & Co. 1,3,17-trioxygenated androstane derivatives. 2,833,792, 5-6-58, Cl. 260-397.4.
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- Dodson, Raymond M., and R. C. Tweit, to G. D. Searle & Co. 1-acylthio substitution products of 17a-oxa-d-homo-4-androstene-3,17-dione. 2,837,535, 6-3-58, Cl. 260-343.2.
- Dodson, Raymond M., and P. B. Sollman, to G. D. Searle & Co. 17-thioandrostadienes. 2,837,538, 6-3-58, Cl. 260-397.3.
- Dodson, Raymond M., and P. B. Sollman, to G. D. Searle & Co. Pregnene-20-thiones. 2,837,539, 6-3-58, Cl. 260-397.3.
- Dodson, Raymond M., and R. C. Tweit, to G. D. Searle & Co. Pregnene-1-thiols esters and preparation thereof. 2,837,543, 6-3-58, Cl. 260-397.45.
- Dodson, Raymond M., and P. B. Sollman, to G. D. Searle & Co. 17-thio derivatives of estratrien-3-ol and of estratetraen-3-ol. 2,840,577, 6-24-58, Cl. 260-397.5.
- Dodson, Raymond M., and C. G. Castle, to G. D. Searle & Co. Hydroxylated, 2,13-dimethyl-7,9-dioxopolihydrophenanthrene-1-propionic acid lactones and salts. 2,847,422, 8-12-58, Cl. 260-343.2.
- Dodson, Raymond M., and R. C. Tweit, to G. D. Searle & Co. 7a-acylthio substitution products of 4-androsten-3-ones. 2,859,222, 11-4-58, Cl. 260-397.3.
- Dodson, Raymond M., and R. W. Hamilton, to G. D. Searle & Co. Esters of 2,17,21-trihydroxy-4-pregnene-3,20-dione. 2,862,939, 12-2-58, Cl. 260-397.47.
- Dodson, Reb B. Collapsible container for liquids. 2,843,285, 7-15-58, Cl. 220-4.
- Dodson, Reb B. Roll film washer. 2,854,909, 10-7-58, Cl. 95-99.
- Dodson, Reb B. Self operating photoprint washer. 2,861,509, 11-25-58, Cl. 95-99.
- Doe, Burton E., to The Felters Co. Reinforced felt fabric. 2,835,020, 5-20-58, Cl. 28-79.
- Doeden, Roland E., to Doeden Tool Corp. Air-operated hand tool. 2,830,560, 4-15-58, Cl. 121-34.
- Doeden, Roland E., to Doeden Tool Corp. Air-operated drill press attachment. 2,858,716, 11-4-58, Cl. 77-33.5.
- Doeden Tool Corp.: See—
- Doeden, Roland E. 2,830,560.
- Doeden, Roland E. 2,858,716.
- Doeg, Paul R., to The Peelle Co. Cable traction drive operator. 2,860,872, 11-18-58, Cl. 268-59.
- Doeg, Paul R., and A. W. Croker, to The Peelle Co. Latches for counterbalanced doors. 2,860,386, 11-18-58, Cl. 20-19.
- Doelman, Henry, to Eldema Corp. Bi stable microwave absorption circuit. 2,829,279, 4-1-58, Cl. 307-88.
- Doell, Raymond G.: See—
- Casey, Charles L., and Doell. 2,840,268.
- Doelz, Melvin L., and E. T. Heald, to Collins Radio Co. Keyed filter. 2,825,808, 3-4-58, Cl. 250-27.
- Doepke, Charles W., and B. S. Aston, to Nestier Corp. Suspended dispensing mechanism. 2,858,949, 11-4-58, Cl. 214-314.
- Doerges, Alexander: See—
- Jäppelt, Alfred, Doerges, and Schade. 2,848,302.
- Doering, Fred W., and J. C. Morison, to Western Electric Co., Inc. Method of interlocking parts by deformation and an article of manufacture formed thereby. 2,834,623, 5-13-58, Cl. 287-82.
- Doering, Fred W., J. P. Jones, and J. C. Morison, to Western Electric Co., Inc. Device for deforming one of a plurality of interfitting parts to lock said parts together. 2,839,954, 6-24-58, Cl. 78-1.
- Doering, Fred W., and J. C. Morison, to Western Electric Co., Inc. Method of making splicing sleeve assemblies. 2,864,159, 12-16-58, Cl. 20-422.
- Doerner, Blanche S.: See—
- Doerner, Henry A. and B. S. 2,837,420.
- Doerner, Ernest H.: See—
- Duncan, James K., Doerner, and Dreyer. 2,857,825.
- Doerner, Ernest H., to Royal McBee Corp. Posting board. 2,828,977, 4-1-58, Cl. 282-29.
- Doerner, Henry A., deceased, B. S. Doerner, sole legatee, Method of producing chromium. 2,837,420, 6-3-58, Cl. 75-84.5.
- Doerner, Mona P., to The Dow Chemical Co. 1-bromo-2,3-butanedione and its 3-oxime derivative. 2,821,555, 1-28-58, Cl. 260-566.
- Doerner, Mona P., to The Dow Chemical Co. Amino acid derivatives of dithiooxamide. 2,830,085, 4-8-58, Cl. 260-534.
- Doerr, Edward L.: See—
- Heininger, Samuel A., and Doerr. 2,836,615.
- Doerr, Edward L., to Monsanto Chemical Co. Alkali metal salts of tridecyl α -methyl- β -sulphopropionate and a process for their production. 2,850,525, 9-2-58, Cl. 260-481.
- Doerr, Edward L., and R. E. Miller, to Monsanto Chemical Co. Sulphophthalate esters. 2,828,326, 3-25-58, Cl. 260-470.
- Doerr, Fred W., to Kohler & Campbell, Inc. Piano-organ playing mechanism-pedal. 2,823,569, 2-18-58, Cl. 84-172.
- Doerr, Johannes, and H. O. Meuth, to G. M. Pfaff, A. G. Articulated presser foot. 2,820,426, 1-21-58, Cl. 112-212.
- Doerr, Johannes, and W. Dreher, to G. M. Pfaff A.-G. Thread severing device for sewing machines. 2,846,967, 8-12-58, Cl. 112-252.
- Doerrfeld, Robert L., and D. E. Huffman, to Teletype Corp. Station selector. 2,851,516, 9-9-58, Cl. 178-2.
- Doerrfeld, Robert L., to Teletype Corp. Sequentially operable transmitting system. 2,862,047, 11-25-58, Cl. 178-2.

- Doerries, George H., to Safety Industries, Inc. Spring applied electric released brake. 2,851,129, 9-9-58, Cl. 188-171.
- Doerseln, Kenneth P.: *See*—
Doerseln, Paul, and K. P. 2,823,447.
- Doerseln, Paul, and K. P. Vertical ejector tool holder. 2,823,447, 2-18-58, Cl. 29-96.
- Doeschner, George C. Masonry block laying tool. 2,828,618, 4-1-58, Cl. 72-129.
- Doesken, Henry. Swinging drawer actuating mechanism. 2,856,255, 10-14-58, Cl. 312-319.
- Doggett, Annemarie E. Paint applicator. 2,833,073, 5-6-58, Cl. 41-5.5.
- Doherty, Floyd R. Metallic foil packaging machine. 2,845,765, 8-5-58, Cl. 53-366.
- Doherty, Francis D.: *See*—
Sells, Bert E., and Doherty. 2,848,193.
- Doherty, Lewis S. Roof ventilator of the forced air draft type. 2,831,416, 4-22-58, Cl. 98-43.
- Doherty, William H., to Bell Telephone Laboratories, Inc. Electrical conductor having transposed conducting members. 2,845,473, 7-29-58, Cl. 174-34.
- Doherty, William H. Shoe bottoming methods and apparatus. 2,848,742, 8-26-58, Cl. 18-34.
- Doherty, William H., to Bell Telephone Laboratories, Inc. Electrical conductor having transposed conducting elements. 2,859,272, 11-4-58, Cl. 174-34.
- Dohl, Douglas A., to General Mills, Inc. Method of producing a humidity sensor by shadow casting and resultant product. 2,860,221, 11-11-58, Cl. 201-63.
- Dohm, Daniel, Jr., to Dohm and Nelke, Inc. Press. 2,850,966, 9-9-58, Cl. 100-232.
- Dohm and Nelke, Inc.: *See*—
Dohm, Daniel, Jr. 2,850,966.
- Dohmen, Heinrich, to N. V. Briko. Process for the manufacture of fuel briquettes. 2,835,563, 5-20-58, Cl. 44-15.
- Dohmen, Heinrich, to N. V. Eldeka. Process for the preparation of a conversion product of the higher carbohydrates and carbohydrate ethers. 2,835,610, 5-20-58, Cl. 127-36.
- Dohmen, Heinrich, to N. V. Briko. Process for the manufacture of briquets, particularly fuel briquets. 2,841,478, 7-1-58, Cl. 44-15.
- Dohrer, Alfred G. Storing and dispensing apparatus for crickets. 2,843,968, 7-22-58, Cl. 43-55.
- Dohrmann, Robert R.: *See*—
Bradley, James P., and Dohrmann. 2,818,619.
- Doig, Stuart H. Rosette structure and method of making the same. 2,849,821, 9-2-58, Cl. 41-10.
- Doity Cranes Ltd.: *See*—
Matterson, Peter D. 2,860,015.
- Dolan, Gordon R., and C. H. Dykes, to Northern Electric Co. Electric heating circuit for electric heating devices. 2,866,067, 12-23-58, Cl. 219-20.
- Dolan, Thomas G., to Mercury Printing Co. Record posting device. 2,836,433, 5-27-58, Cl. 282-29.
- Dolansky, Charles H. Expandable bracelet having two rows of tubular links joined by H-shaped connector. 2,833,113, 5-6-58, Cl. 59-79.
- Dolbeare, Edwin F.: *See*—
Bergstrom, Carl P., Dolbeare, and Holmes. 2,856,964.
- Dolbeare, Edwin F., and A. C. Krukonis, to Crompton & Knowles Corp. Guard for dobby pattern cylinder. 2,856,965, 10-21-58, Cl. 139-68.
- Dolby, John W., to Configured Tube Products Co. Fuel-air mixing tube for gas burners. 2,824,605, 2-25-58, Cl. 158-118.
- Dole, Howard N., to Monsanto Chemical Co. Producing bis-(dichloromethyl) sulfone. 2,858,341, 10-28-58, Cl. 260-607.
- Dole, James, Engineering Co.: *See*—
Guckel, Gerhart A. 2,827,928.
- Martin, William M. 2,855,314.
- Dole Refrigerating Co.: *See*—
Kleist, Herman W. 2,831,328.
- Kleist, Herman W. 2,836,965.
- Kleist, Herman W. 2,859,945.
- Dole, Stephen H.: *See*—
Hibshman, Henry J., Dole, and Wimmer. 2,853,281.
- Dole Valve Co., The: *See*—
Algino, Joseph M. 2,830,766.
- Bauerlein, Carl C. 2,823,833.
- Bauerlein, Carl C., and Janquart. 2,864,536.
- Chase, Thomas B. 2,856,132.
- Dahl, Robert R. Re. 24,534.
- Dahl, Robert R. 2,844,352.
- Drapeau, Harold B. 2,857,105.
- Drapeau, Harold B., and Safranek. 2,829,834.
- Eskin, Samuel G. Re. 24,442.
- Eskin, Samuel G. Re. 24,515.
- Eskin, Samuel G. 2,824,195.
- Eskin, Samuel G. 2,846,829.
- Gibson, Thomas M. S. 2,820,594.
- Kraft, El Roy J. 2,845,080.
- Lund, James K., and Kraft. 2,827,072.
- Modes, Edward E. 2,864,535.
- Modes, Edward E., Reddi, and Lauterbach. 2,838,943.
- Obermaier, Frank E. 2,827,076.
- Obermaier, Frank E. 2,839,039.
- Obermaier, Frank E. 2,848,169.
- Obermaier, Frank E. 2,862,523.
- Olsen, Paul J., and Safranek. 2,831,548.
- Rimsha, Victor E., and Dahl. 2,830,743.
- Rimsha, Victor E., Kozel, Cerveny, and Wolf. 2,863,628.
- Dolenic, George: *See*—
Flickinger, William E., Sr., and Dolenic. 2,826,793.
- Dolish, James A., and E. J. Mastney, to Oak Mfg. Co. Rotary solenoid mechanism. 2,820,370, 1-21-58, Cl. 74-126.
- Dolf, Hans R., and K. Spiess, to G. Buehler. Apparatus for transporting pulverulent materials. 2,830,674, 4-15-58, Cl. 183-34.
- Dolgutkov, Gregory S. Drawing instrument. 2,820,294, 1-21-58, Cl. 35-104.
- Dolhun, Leonard M., to Chicago Rawhide Mfg. Co. Seal. Re. 24,536, 9-16-58, Cl. 288-3.
- Dolin, Esther: *See*—
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- Dolin, Julius, to E. Dolin. Garment sleeve construction. 2,831,195, 4-22-58, Cl. 2-93.
- Doljan, William E., to C. F. Kleinknecht. Door stop. 2,852,801, 9-23-58, Cl. 16-85.
- Dolk, Jacques M. H., 1/2 to N. V. Carrosseriefabriek Verbeul. Self-supporting body, more particularly for a motor bus. 2,849,254, 8-26-58, Cl. 296-28.
- Doll, Donald P., W. Rodgers, and C. R. Trampier, Jr., to National Lead Co. Manufacture of calcium sulphate anhydrite from gypsum, calcium carbonate and sulfuric acid. 2,822,242, 2-4-58, Cl. 23-122.
- Doll, Franz, to Koppers Co., Inc. Changeover valves for regenerative ovens. 2,821,504, 1-28-58, Cl. 202-262.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Methods and apparatus for exploring boreholes. 2,826,736, 3-11-58, Cl. 324-2.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Automatic computing apparatus. 2,829,825, 4-8-58, Cl. 235-61.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Flow measurement in wells. 2,842,961, 7-15-58, Cl. 73-155.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Function generator of two independent variables. 2,859,915, 11-11-58, Cl. 235-61.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Automatic computing apparatus. 2,859,916, 11-11-58, Cl. 235-61.
- Doll, Walter, Jr., to United Aircraft Corp. Afterburner liner. 2,851,854, 9-16-58, Cl. 60-35.6.
- Dollac Corp.: *See*—
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- Dollar, Fred W. Trouser blousing means. 2,848,825, 8-26-58, Cl. 36-1.
- Dolle, David E., to Wean Equipment Corp. Conveying mechanism. 2,848,095, 8-19-58, Cl. 198-20.
- Dollinger, Kenneth: *See*—
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- Dolphin, Robert N. Record-playing apparatus. 2,850,286, 9-2-58, Cl. 274-15.
- Dölz, Heinrich, to Sofix Aktiengesellschaft. Electric oscillating compressor, particularly for small refrigerators. 2,839,237, 6-17-58, Cl. 230-55.
- Dölz, Heinrich, to Sofix A. G. Compressor. 2,853,229, 9-23-58, Cl. 230-200.
- Dolza, John: *See*—
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- Steinhagen, William K., Dolza, and Francis. 2,835,436.
- Dolza, John, to General Motors Corp. Engine induction means. 2,821,181, 1-28-58, Cl. 123-122.
- Dolza, John, to General Motors Corp. Air filter. 2,823,656, 2-18-58, Cl. 123-119.
- Dolza, John, to General Motors Corp. Heater for fuel injection system. 2,837,073, 6-3-58, Cl. 123-122.
- Dolza, John, to General Motors Corp. Piston. 2,840,427, 6-24-58, Cl. 309-21.
- Dolza, John, to General Motors Corp. Charge forming means. 2,843,098, 7-15-58, Cl. 123-119.
- Dolza, John, to General Motors Corp. Fuel control. 2,843,100, 7-15-58, Cl. 123-119.
- Dolza, John, to General Motors Corp. Cylinder construction for an internal combustion engine. 2,851,020, 9-9-58, Cl. 123-41.69.
- Dolza, John, to General Motors Corp. Fuel injection nozzle. 2,860,859, 11-18-58, Cl. 261-78.
- Dolza, John, to General Motors Corp. Engine frame construction. 2,865,341, 12-23-58, Cl. 121-194.
- Dolza, John, O. P. Frachar, and J. B. Wheatley, to General Motors Corp. Turbojet engine fuel and nozzle control system. 2,820,340, 1-21-58, Cl. 60-35.6.
- Dolza, John, and R. C. Wilson, to General Motors Corp. Refrigerating apparatus for an automobile. 2,820,351, 1-21-58, Cl. 62-117.1.
- Dolza, John, and R. J. Haefner, to General Motors Corp. Atmospheric vent for fuel injection nozzle. 2,833,260, 5-6-58, Cl. 123-119.
- Dolza, John, R. J. Haefner, and G. P. Ransom, to General Motors Corp. Fuel distribution means. 2,843,096, 7-15-58, Cl. 123-119.
- Dolza, John, and J. Zimmerman, to General Motors Corp. Fuel enrichment means. 2,843,097, 7-15-58, Cl. 123-119.
- Dom, Charles. Counter. 2,838,239, 6-10-58, Cl. 235-114.
- Domagk, Gerhard: *See*—
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- Doman, Glidden S., to Doman Helicopters, Inc. Aircraft frame with large side openings. 2,827,251, 3-18-58, Cl. 244-119.

- Doman Helicopters, Inc.: *See*—
 Doman, Glidden S. 2,827,251.
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- Dombek, Edward K., to Bendix Aviation Corp. Friction device. 2,864,468, 12-16-58, Cl. 188-70.
- Dombek, John J. Vertically adjustable top for furniture. 2,857,225, 10-21-58, Cl. 311-39.
- Dombre, Pierre. Mixing valve. 2,857,930, 10-28-58, Cl. 137-627.5.
- Dombrowski, Joseph A.: *See*—
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- Dombrowski, Joseph A., to Sylvania Electric Products Inc. Method of manufacturing electroluminescent lamps. 2,851,374, 9-9-58, Cl. 117-33.5.
- Dombrowski, Stanley B. Sleigh runners for automobiles and airplanes. 2,853,307, 9-23-58, Cl. 280-13.
- Dombrowski, Theodor. Pattern supports for lathes. 2,837,000, 6-3-58, Cl. 82-14.
- Domburg, Jacobus, to North American Philips Co., Inc. Circuit-arrangement for use in an electronic automatic telephone exchange. 2,846,511, 8-5-58, Cl. 179-18.
- Dome, Robert B., to General Electric Co. Single-carrier color television systems. 2,831,916, 4-22-58, Cl. 178-5.2.
- Dome, Robert B., to General Electric Co. Color image reproducing apparatus. 2,831,918, 4-22-58, Cl. 178-5.4.
- Dome, Robert B., to General Electric Co. Angle modulation detector. 2,836,716, 5-27-58, Cl. 250-27.
- Dome, Robert B., to General Electric Co. Automatic gain control amplifier. 2,863,997, 12-9-58, Cl. 250-20.
- Domenek, Michael. Electrocardiographic card mount. 2,852,878, 9-23-58, Cl. 40-158.
- Domenichini, Carlo P.: *See*—
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- Domenichini, Carlo P., and J. Bakura, to Raytheon Mfg. Co. Wave guide with crystal diode socket having captive clamping means. 2,834,884, 5-13-58, Cl. 250-31.
- Domsino, Hendrikus W. M. Bottle conveying device. 2,834,453, 5-13-58, Cl. 198-211.
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- Domeshek, Sol. Photographic ortho projector. 2,830,491, 4-15-58, Cl. 88-24.
- Dominaire Constructions, Inc.: *See*—
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- Domingo Segui, Esteban, and B. Cabanero Alarcon. Process and device for the regeneration of monomers starting from polymethacrylate and, more especially, methyl polymethacrylate. 2,858,255, 10-28-58, Cl. 202-219.
- Dominguez, Richard A. Lathe attachment. 2,853,902, 9-30-58, Cl. 77-18.
- Dominik, Jack E.: *See*—
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- Dominik, Joseph F.: *See*—
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- Dominion Corset Co. Ltd.: *See*—
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- Dominion Electric Corp.: *See*—
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- Dominion Engineering Works Ltd.: *See*—
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- Dominion Magnesium Ltd.: *See*—
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- Dominion Textile Co. Ltd.: *See*—
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- Dompieri, Otto. Drafting board with machined edge guide. 2,825,999, 3-11-58, Cl. 45-131.
- Domries, Otto W. Marcel ditcher. 2,852,995, 9-23-58, Cl. 97-55.
- Donahoe, Donald J. Multiple level concrete watering trough. 2,825,302, 3-4-58, Cl. 119-78.
- Donahoe, H. C.: *See*—
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- Donahoo, William P.: *See*—
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- Donahoo, William T. Animated display device. 2,843,949, 7-22-58, Cl. 40-28.1.
- Donahue, John S., and G. E. Strehan, to Lally Column Co. Welded shearhead. 2,834,196, 5-13-58, Cl. 72-75.
- Donahue, Lawrence E., to Minneapolis-Honeywell Regulator Co. Air conditioning apparatus. 2,828,076, 3-25-58, Cl. 236-13.
- Donal, John S., Jr., to Radio Corp. of America. Magnetron frequency control system. 2,820,197, 1-14-58, Cl. 332-5.
- Donal, John S., Jr., to Radio Corp. of America. Magnetron. 2,826,719, 3-11-58, Cl. 315-39.63.
- Donald, Alexander: *See*—
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- Donaldson, Chase. Process of manufacturing composite pipe. 2,823,033, 2-18-58, Cl. 154-83.
- Donaldson, Chase. Plastic tubing. 2,854,031, 9-30-58, Cl. 138-78.
- Donaldson Co., Inc.: *See*—
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 Lunn, Robert J., and Donaldson. 2,822,059.
- Donaldson, Donald J.: *See*—
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- Donaldson, Frank A., Jr.: *See*—
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- Donaldson, George R., to Universal Oil Products Co. Hydrocarbon conversion process with a platinum containing catalyst. 2,838,446, 6-10-58, Cl. 196-50.
- Donaldson, Harry C., Jr., and T. A. Bramfitt, to Cluett, Peabody & Co., Inc. Shrinkless seam and method of making same. 2,819,696, 1-14-58, Cl. 112-262.
- Donaldson, James B. Toy caps. 2,848,950, 8-26-58, Cl. 102-86.5.
- Donaldson, Jay W. Word forming device. 2,848,824, 8-26-58, Cl. 35-75.
- Donaldson, Robert R., to Hagan Chemicals & Controls, Inc. Suction-trip shut-off valves provided with manual resetting means for turbine driven boiler feed pumps. 2,842,149, 7-8-58, Cl. 137-87.
- Donaldson, Willis L.: *See*—
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- Donath, Erwin: *See*—
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- Donath, Hans, to VEB Mühlenbau. Automatically operating control arrangement for pairs of rollers. 2,821,345, 1-28-58, Cl. 241-35.
- Donceel, Jules L. J.: *See*—
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- Dondeville Products Co., Inc.: *See*—
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- Donegan, Joseph W., to Allied Chemical & Dye Corp. Roof construction. 2,833,229, 5-6-58, Cl. 108-6.
- Donegan, Joseph W., and B. S. Penley, to Allied Chemical Corp. Vent valve for relieving pressure. 2,849,018, 8-26-58, Cl. 137-251.
- Donehower, William P., to M. H. and B. D. Hartzell. Space band cleaning machine. 2,865,035, 12-23-58, Cl. 15-102.
- Doner, Joseph B. Diapers. 2,830,589, 4-15-58, Cl. 128-284.
- Dönges, Hans, to Johann Vaillant, K. G. Quantity regulator for gas heated continuous flow type hot water apparatus. 2,841,172, 7-1-58, Cl. 137-502.
- Donkin, Wilfred T., and F. G. Sabik, to Mechanical Spring Fabricators, Inc. Torque spring. 2,821,379, 1-28-58, Cl. 267-1.
- Donle, Edwin S.: *See*—
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- Donle, Edwin S., to Coro, Inc. Locket having a plurality of enclosed folding sections. 2,856,761, 10-21-58, Cl. 63-19.
- Donle, Edwin S., to Coro, Inc. Locket having enclosed pivoted frame members. 2,863,307, 12-9-58, Cl. 63-19.
- Donley, Richard W. Cutter chain for power saws. 2,826,226, 3-11-58, Cl. 143-135.
- Donnan, Robert A.: *See*—
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- Donnell, Conrad K.: *See*—
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- Donnelley, R. R., & Sons Co.: *See*—
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- Donnelly, Reuben H., Corp.: *See*—
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- Donnelly, Daniel W., to Ben-Hur Mfg. Co. Edge dovetail insulated wall construction. 2,853,636, 10-14-58, Cl. 20-4.
- Donnelly, John H. Liquid flow control valve. 2,853,100, 9-23-58, Cl. 137-604.
- Donnelly, Raymond F. Stirrer assembly. 2,845,194, 7-29-58, Cl. 2-5-12.
- Donnelly, Richard W., to The Texas Co. Method and apparatus for separating water and fluid hydrocarbons. 2,866,854, 12-30-58, Cl. 260-676.
- Donnelly, Walter J. Metal cutting tool and element. 2,840,887, 7-1-58, Cl. 29-105.
- Donner, Josef A., and P. A. Kopke. Flexible shaft-coupling. 2,840,999, 7-1-58, Cl. 64-15.
- Donner, Verne P., to International Harvester Co. Differential for vehicles. 2,861,478, 11-25-58, Cl. 74-711.
- Donner, Walter, to Beckman Instruments, Inc. Amplitude regulator. 2,847,574, 8-12-58, Cl. 250-36.
- Donner, Walter, and D. G. Tipotsch, to Beckman Instruments, Inc. Mass spectrometer. 2,829,260, 4-1-58, Cl. 250-41.9.
- D'Onofrio, Joseph V.: *See*—
 Lazzopina, Robert M., and D'Onofrio. 2,834,095.
- Donohoe, David D. Three dimensional cutter and follower machine. 2,852,984, 9-23-58, Cl. 90-13.1.
- Donohue, Henry P., Jr.: *See*—
 Wendell, Charles B., Jr., Engelson, and Donohue. 2,849,293.
- Donohue, Martin A.: *See*—
 De Wolf, Myron F., Donohue, and Mattox. 2,828,584.
- Donohue, William E., 1/2 to C. D. Hibbs. Ejector for ball and cap cylinder type revolver. 2,830,398, 4-15-58, Cl. 42-68.

- Donovan, Arthur C., to the United States of America as represented by the Secretary of the Navy. Simplified alternating current rate circuit. 2,822,978, 2-11-58, Cl. 235-61.
- Donovan, Charles T.: *See*—
Goodbar, Mayo A., Cocup, and Donovan. 2,853,232.
- Donovan, Daniel L.: *See*—
Kinney, David C., and Donovan. 2,832,326.
- Donovan, Joseph J., and T. H. Milliken, Jr., to Houdry Process Corp. Preparation of active contact masses from kaolin clays. 2,848,422, 8-19-58, Cl. 252-440.
- Donovan, Thomas S., to Eastman Kodak Co. Process for preparing 3-pyrazolidones. 2,843,598, 7-15-58, Cl. 260-310.
- Donovan, William D.: *See*—
Haydon, Arthur W., and Donovan. 2,863,281.
- Donsbach, Weldon R.: *See*—
Smith, William B., and Donsbach. 2,853,608.
- Dooley, Earl E.: *See*—
Stonerock, Creed I., and Dooley. 2,859,050.
- Dooley, John F., Jr. Tension absorbing turnbuckle. 2,860,898, 11-18-58, Cl. 287-61.
- Dooley, Philip G.: *See*—
Robin, Charles D., and Dooley. 2,852,914.
- Dooley, William E., and J. Prophet, Jr., to Esso Research and Engineering Co. Paraffin wax composition. 2,825,635, 3-4-58, Cl. 44-7.5.
- Doolittle, Donald B.: *See*—
Daniels, Charles J., and Doolittle. 2,844,340.
- Doolittle, Donald B., and R. B. Janney, II, to All American Engineering Co. Pusher-type catapult system. 2,845,237, 7-29-58, Cl. 244-63.
- Doolittle, Howard D., to Machlett Laboratories, Inc. Thyatron structure. 2,831,999, 4-22-58, Cl. 313-190.
- Doolittle, Howard D., and J. W. Skehan, to Machlett Laboratories, Inc. Electron discharge tubes. 2,866,122, 12-23-58, Cl. 313-302.
- Doonan, William. Arrowhead construction. 2,859,970, 11-11-58, Cl. 273-106.5.
- Doop, Raymond C. Zipper actuating device. 2,845,297, 7-29-58, Cl. 294-001.
- Doorn, Johannes: *See*—
Pieters, William J., Alders, and Doorn. 2,847,356.
- Doperalski, Eugene J., and E. Kodra, to Joy Mfg. Co. Piston assembly. 2,860,018, 11-11-58, Cl. 309-23.
- Dora-Bel Handbags Inc.: *See*—
Rona, Gustav G. 2,852,055.
- Doralaine Corp.: *See*—
Froot, Mark L. 2,819,490.
- Doran Brothers, Inc.: *See*—
Friedman, Robert. 2,842,297.
- Marindin, Frederick R. 2,842,913.
- Doran, Wilbur R. Tractor-mounted row marker. 2,843,034, 7-15-58, Cl. 97-230.
- Dorand, Giravions: *See*—
Kretz, Marcel. 2,836,986.
- Dorazio, Alton, Jr., to General Dynamics Corp. Indexing attachment for cutting devices. 2,835,032, 5-20-58, Cl. 30-179.
- Dorbecker, Narno, and A. Rodriguez-Alvarez. Apparatus for rapidly injecting radio-opaque liquid under pressure in the technique of selective angiocardiology. 2,865,371, 12-23-58, Cl. 128-214.
- Dorey, Dan J.: *See*—
Linzell, Stanley M., and Dorey. 2,849,246.
- Doremus, John A., to Motorola, Inc. Diversity receiving system. 2,835,794, 5-20-58, Cl. 250-20.
- Dorey, George B., to Continental Transport Appliances, Ltd. Automatic slack adjuster. 2,828,837, 4-1-58, Cl. 188-196.
- Dorey, George B. Brake slack adjuster. 2,838,142, 6-10-58, Cl. 188-198.
- Dorey, George B., to Enterprise Railway Equipment Co. Hopper discharge outlet for railway cars. 2,859,707, 11-11-58, Cl. 105-253.
- Dorey, George B., to Enterprise Railway Equipment Co. Means for closing a horizontally swinging door of a railway hopper car. 2,859,708, 11-11-58, Cl. 105-286.
- Dorey, George B., to Enterprise Railway Equipment Co. Latching mechanism for hopper door. 2,862,460, 12-2-58, Cl. 105-308.
- Dorf, Charles J., to Union Carbide Corp. Apparatus for vaporizing volatile liquids. 2,833,121, 5-6-58, Cl. 62-1.
- Dorf, Fred B., F. W. Bazienski, and K. H. Collins, to American Cyanamid Co. Purification process for vitamin B₆ intermediate. 2,856,409, 10-14-58, Cl. 260-294.9.
- Dorf, Richard H. Electrical musical instruments. 2,835,814, 5-20-58, Cl. 250-36.
- Dorf, Richard H., to American Machine & Foundry Co. Electronic tone generating device. 2,865,243, 12-23-58, Cl. 84-128.
- Dorfman, Hiller D.: *See*—
Cellerini, Albert R., and Dorfman. 2,849,572.
- Cellerini, Albert R., and Dorfman. 2,836,687.
- Dorfman, Oskar, to Federal Carton Corp. Box forming machine. 2,863,370, 12-9-58, Cl. 93-49.
- Dorfman, Robert S. Hinge apparatus. 2,826,780, 3-18-58, Cl. 16-128.
- Dorgelo, Eduard G., and A. W. M. Michielsen, to North American Philips Co., Inc. Metal glass seals and methods of making same. 2,859,562, 11-11-58, Cl. 49-92.5.
- Doric, John W., Jr.: *See*—
Dickey, Julian A., and Doric. 2,827,672.
- Dorken, August: *See*—
Schrader, Gerhard, and Dorken. 2,852,513.
- Schrader, Gerhard, and Dorken. 2,852,514.
- Dorkins, Evan E., to L. A. Young Spring & Wire Corp. Excavating apparatus. 2,828,038, 3-25-58, Cl. 214-510.
- Dorman, Bruce A.: *See*—
Dorman, Harley A. and B. A. 2,835,458.
- Dorman, Douglas P.: *See*—
Dorman, Harley A. and D. P. 2,852,012.
- Dorman, Harley A. and B. A. Means for adjustably mounting an annular wing on an aircraft. 2,835,458, 5-20-58, Cl. 244-17.27.
- Dorman, Harley A. and D. P. Superchargers for motor vehicle engines. 2,852,012, 9-16-58, Cl. 123-119.
- Dorman, Jack R. Dispensing display stand. 2,841,343, 7-1-58, Cl. 242-129.6.
- Dormann, Harry L.: *See*—
Grinnell, William G., and Dormann. 2,826,090.
- Dormeyer Corp.: *See*—
Schwaneke, Alfred E. and F. C. 2,856,842.
- Schwaneke, Alfred E. and F. C. 2,857,502.
- Schwaneke, Fred C. 2,822,747.
- Schwaneke, Fred C. 2,863,693.
- Dormoy, Etienne. Racetrack game apparatus. 2,861,807, 11-25-58, Cl. 273-86.
- Dorn, Maxwell F., and W. Rosenbaum, to Bendix Aviation Corp. Tilt indicating apparatus. 2,831,266, 4-22-58, Cl. 33-206.
- Dornack, Wayne R. Bathtub apron construction. 2,847,680, 8-19-58, Cl. 4-173.
- Dorman, James L. Flushing device for operating tables. 2,856,670, 10-21-58, Cl. 27-21.
- Dorne, Arthur, to Dorne and Margolin, Inc. Antennas. 2,834,959, 5-13-58, Cl. 343-769.
- Dorne and Margolin, Inc.: *See*—
Dorne, Arthur. 2,834,959.
- Dornfeld, Clinton A.: *See*—
Thielen, Lawrence E., and Dornfeld. 2,862,971.
- Dornfeld, Clinton A., to G. D. Searle & Co. N-(3-isopropylaminopropyl) diphenylacetamide and processes. 2,831,892, 4-22-58, Cl. 260-558.
- Dornfeld, Clinton A., and L. E. Thielen, to G. D. Searle & Co. Poly(triphenylphosphonium) compounds. 2,865,964, 12-23-58, Cl. 260-606.5.
- Doron, Richard S., and E. E. Yeo, to Sylvania Electric Products Inc. Lamp transfer. 2,823,815, 2-18-58, Cl. 214-91.
- Dornow, Alfred, and S. Lupfert. Preparation of α -acylamino nitriles. 2,849,477, 8-26-58, Cl. 260-465.
- Dornstreich, Knute E., and C. L. Parsons, to United States of America, Navy. Magnetic shield. 2,864,963, 12-16-58, Cl. 307-91.
- Doroba, Henry. Tenderizer for meats and vegetables. 2,865,754, 12-23-58, Cl. 99-1.
- Dorosz, Adolph S., to United Shoe Machinery Corp. Shoe handling apparatus. 2,850,749, 9-9-58, Cl. 12-1.
- Dorpmund, Heinz: *See*—
Ashauer, Karl, Kalversberg, and Dorpmund. 2,864,476.
- Dorr, Joseph P. Type knurling machine. 2,849,903, 9-2-58, Cl. 80-3.1.
- Dorr-Oliver Inc.: *See*—
Crumb, Carlton W. 2,853,193.
- Dahlstrom, Donald A. 2,829,771.
- Dalton, Benjamin S. 2,841,476.
- Fischer, Francois A. 2,819,157.
- Goetz, Harvey J. 2,846,072.
- Halbach, Ralph H. 2,841,287.
- Knight, Cyril H., and Varcoe. 2,852,138.
- Nebel, Emil C. 2,857,050.
- Rankin, Renville S. 2,820,758.
- Roberts, Elliott J. 2,855,364.
- Roberts, Elliott J., and Jukkola. 2,833,622.
- Scott, Charles H. 2,855,101.
- Scott, Charles H. 2,866,352.
- Stavenger, Paul L., and Fitch. 2,840,524.
- Wooch, Thomas S. 2,861,693.
- Dorr-Oliver-Long Ltd.: *See*—
Fischer, Anthony J. 2,825,691.
- Leonard, Daniel C. 2,828,041.
- Dörner, Karl, to Forschungsinstitut für Textiltechnologie. Knitting machine. 2,850,887, 9-9-58, Cl. 66-82.
- Dorris, Edwin C. Tractor-trailer safety coupling. 2,835,509, 5-20-58, Cl. 280-432.
- Dorsak, John W., and T. F. Van Denberg, to The Gordon Armstrong Co., Inc. Gas mixing valve. 2,820,477, 1-21-58, Cl. 137-604.
- Dorsak, John W., and T. F. Van Denberg, to The Gordon Armstrong Co., Inc. Nebulizing apparatus. 2,840,417, 6-24-58, Cl. 299-86.
- Dorsch, Robert G.: *See*—
Boyd, Bemrose, Dorsch, and Brodie. 2,827,786.
- Dorschner, Kenneth P.: *See*—
Gates, Robert L., and Dorschner. 2,865,730.
- Dorsett Laboratories, Inc.: *See*—
Dorsett, Loyd G. 2,824,304.
- Dorsett, Loyd G., to Dorsett Laboratories, Inc. Method and apparatus for locating targets by observations made by an air-borne observer. 2,824,304, 2-18-58, Cl. 343-112.
- Dorsett, Rowell R., to Mangels, Harold Co., Inc. Method of preparing chlorinated dicyandiamide. 2,841,474, 7-1-58, Cl. 23-190.

- Dorsey, James R., and W. C. Young. Vertically adjustable table with longitudinally adjustable dual purpose leg structures. 2,843,437, 7-15-58, Cl. 311—39.
- Dorsey, Robert T., to General Electric Co. Ornamental illuminating device. 2,825,040, 2-25-58, Cl. 339—100.
- Dorsey, William R., and S. I. Strashun, to Vacu-Dry Co. Continuous process for dehydrating liquid or semi-liquid concentrates under sub-atmospheric pressure. 2,825,653, 3-4-58, Cl. 99—206.
- Dorsey, William S.: *See*—
Schaeffer, William D., McKinnis, and Dorsey. 2,849,511
- Dorsey, William S., and W. D. Schaeffer, to Union Oil Co. of California. Werner complexes. 2,827,462, 3-18-58, Cl. 260—270.
- Dorst-Keramikkmaschinen-Bau: *See*—
Assmana, Otto. 2,844,858.
- Dorst, Stanley O., to Sprague Electric Co. Bobbin resistor. 2,839,647, 6-17-58, Cl. 201—64.
- Dort, Russell L., to Deere & Co. Mounting means for tractor mountable mower. 2,854,803, 10-7-58, Cl. 56—25.
- Dortmund-Herder Huttenunion Akt.: *See*—
Harders, Fritz, Knüppel, and Brotzmann. 2,852,721.
Harders, Fritz, Knüppel, and Brotzmann. 2,853,655.
Harders, Fritz, Knüppel, and Brotzmann. 2,864,877.
Harders, Fritz, Knüppel, Winkler, Brotzmann, and Kutscher. 2,859,262.
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- Dosen, Olaf C. Method and apparatus for finishing mold grooves. 2,861,483, 11-25-58, Cl. 76—107.
- Dosmann, Lucian P., to United States Rubber Co. Method of coating thermoplastic material and article produced thereby. 2,825,661, 3-4-58, Cl. 117—138.8.
- Dosmann, Lucian P., to United States Rubber Co. Composition and article. 2,838,854, 6-17-58, Cl. 36—4.
- Dosmann, Lucian P., to United States Rubber Co. Method of producing dipped articles from butyl rubber-polyethylene solutions. 2,847,715, 8-19-58, Cl. 18—58.4.
- Doss, Richard C.: *See*—
Turk, Stanley D., and Doss. 2,830,998.
- Dossert Mfg. Corp.: *See*—
Gunthel, Alfred B., Jr. 2,861,762.
- Dostal, Frank, to American Time Products, Inc. Watch movement demagnetizing apparatus. 2,838,720, 6-10-58, Cl. 317—157.5.
- Dostal, Franz: *See*—
Hupe, Adolf, Geller, Lang, Schildwächter, Göschel, Dostal, and Koch. 2,824,048.
- Dostal & Lowey Co., Inc.: *See*—
Read, Philip C., and Ufer. 2,861,670.
- Doster, Moren N. Automatic photographic printing machine. 2,855,834, 10-14-58, Cl. 95—75.
- Dotter, John H. Fluid operated valve. 2,852,039, 9-16-58, Cl. 137—620.
- Doty, Boyd A., to Hard Mfg. Co. Supporting mechanism for tiltable table tops and the like. 2,848,290, 8-19-58, Cl. 311—38.
- Doty, Clifford B., to Chrysler Corp. Visor for vehicle body. 2,825,601, 3-4-58, Cl. 296—97.
- Doub, Leonard, and D. R. Herbst, to Parke, Davis & Co. 1-(γ -butoxyphenyl)-3-(γ -pyridylphenyl)-2-thioureas. 2,820,039, 1-14-58, Cl. 260—294.8.
- Double Envelope Corp.: *See*—
Clarke, Ralph W. 2,834,135.
- Double, Walter F., to General Motors Corp. Transmission-friction clutch arrangement. 2,835,137, 5-20-58, Cl. 74—364.
- Doubleday, James M., and W. L. Y. Davis; said Davis assor. to said Doubleday. Animal-proof bird feeder. 2,856,898, 10-21-58, Cl. 119—51.
- Doucett, Harry D.: *See*—
Cummings, Harry D., and Doucett. 2,845,226.
- Doucet, Roger, to Compagnie des Freins et Signaux Westinghouse. Rectifier assemblies. 2,839,710, 6-17-58, Cl. 317—234.
- Doud, Forrest B., to Mercury International Research Co. Vending machine. 2,840,214, 6-24-58, Cl. 194—9.
- Dougan, Douglas S., to John Waldron Corp. Ink fountain blade. 2,837,024, 6-3-58, Cl. 101—365.
- Doughboy Industries, Inc.: *See*—
Grevich, John J. 2,862,605.
- Dougherty, Bernard E., to Dodd Products Inc. Animal trap. 2,840,947, 7-1-58, Cl. 43—81.
- Dougherty, Leo P. Apparatus for notching the edges of addressograph plates. 2,826,125, 3-11-58, Cl. 90—59.
- Dougherty, Patrick F., to Sun Oil Co. Reboiler. 2,857,325, 10-21-58, Cl. 196—104.
- Dougherty, Richard H. Adjustable butterfly valve with sequential rotating and tilting movements. 2,820,605, 1-21-58, Cl. 251—163.
- Doughton, George E. Fluid motor with fluid actuated reversing valve. 2,851,013, 9-9-58, Cl. 121—123.
- Doughty, Edward C. Jr., to Sprague Electric Co. High voltage condenser. 2,846,627, 8-5-58, Cl. 317—242.
- Doughty, Edward W., J. H. Howell, and M. A. Eccles, to Union Carbide Corp. Cold hydrogenation process. 2,832,724, 4-29-58, Cl. 196—53.
- Doughty, Joseph B., to West Virginia Pulp and Paper Co. Nitrogen containing lignins and method of making same. 2,842,534, 7-8-58, Cl. 260—124.
- Doughty, Joseph B., and W. R. Cook, to West Virginia Pulp and Paper Co. Methods of treating pulp mill alkaline bleach effluents. 2,864,811, 12-16-58, Cl. 260—124.
- Doughty, Samuel L., and E. T. Candee, to The Lea Mfg. Co. Buffing compositions. 2,829,035, 4-1-58, Cl. 51—304.
- Douglas Aircraft Co., Inc.: *See*—
Chambers, Carl W., and Moreton. 2,850,797.
Dennis, Paul A., and Dill. 2,865,337.
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- Douglas, Alvin P., to The Murray Ohio Mfg. Co. Three speed planetary transmission and brake mechanism for bicycles. 2,854,108, 9-30-58, Cl. 192—6.
- Douglas, Alvin P., and G. B. Hahn, to The Murray Ohio Mfg. Co. Tricycle construction. 2,852,272, 9-16-58, Cl. 280—274.
- Douglas, Alvin P., and G. B. Hahn, to The Murray Ohio Mfg. Co. Boy's bicycle frame and seat post cluster construction. 2,855,218, 10-7-58, Cl. 280—281.
- Douglas, Alvin P., and G. B. Hahn, to The Murray Ohio Mfg. Co. Girl's bicycle frame. 2,855,219, 10-7-58, Cl. 280—281.
- Douglas, Alvin P., and G. B. Hahn, to The Murray Ohio Mfg. Co. Bicycle frame structure. 2,855,220, 10-7-58, Cl. 280—281.
- Douglas, Burke, to The Dow Chemical Co. Galvanic anode. 2,855,358, 10-7-58, Cl. 204—197.
- Douglas, Clayton H.: *See*—
Taplin, George V., Douglas, and Sigoloff. 2,848,625.
- Douglas, David W., to C. J. Thompson. Psychogalvanometer. 2,829,638, 4-8-58, Cl. 128—21.
- Douglas, Edwin J., to H. L. Stoker Co. Bag packer. 2,827,256, 3-18-58, Cl. 249—62.
- Douglas, James K., to The Oilgear Co. Hydrostatically balanced driving connection. 2,821,145, 1-28-58, Cl. 103—162.
- Douglas, James K., to The Oilgear Co. Control for hydrodynamic machines. 2,840,045, 6-24-58, Cl. 121—41.
- Douglas, James K., to The Oilgear Co. Hydraulic power system. 2,845,778, 8-5-58, Cl. 60—52.
- Douglas, Newhall. Method of image reproduction and control. 2,822,720, 2-11-58, Cl. 88—16.
- Douglas, Ollie G., $\frac{1}{4}$ to E. Gunning and $\frac{1}{4}$ to J. D. Gunning. Log loading device. 2,853,198, 9-23-58, Cl. 214—77.
- Douglas, Peyton W., to Pennsylvania Range Boiler Co. Laundry drying machines. 2,861,355, 11-25-58, Cl. 34—82.
- Doulass, Ernest, to Amber Duck Products Corp. Tire spreading device. 2,855,180, 10-7-58, Cl. 254—50.3.
- Doumak, Alexander J., and James Doumak deceased (by M. J. Doumak, executrix) to National Dairy Products Corp. Confection and process for producing the same. 2,847,311, 8-12-58, Cl. 99—134.
- Doumak, James: *See*—
Doumak, Alexander J. and James. 2,847,311.
Doumak, Maria J.: *See*—
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- Donnani, Thomas F.: *See*—
Attane, Edward C. Jr., and Donnani. 2,840,607.
Donnani, Thomas F., to Union Oil Co. of California. Preparation of mercaptans. 2,820,831, 1-21-58, Cl. 260—609.
- Donnani, Thomas F., to Union Oil Co. of California. Preparation of mercaptans and sulfides. 2,829,171, 4-1-58, Cl. 260—609.
- Donnar, Florence. Postoperative arm-suspension sling. 2,847,002, 8-12-58, Cl. 128—94.
- Doumas, Menelaos: *See*—
Laster, Richard, Bower, Doumas, and Huste. 2,824,807.
- Doumitt, Philip S. Tobacco pipe. 2,862,506, 12-2-58, Cl. 131—184.
- Doumont, Armand J., to Pittsburgh Plate Glass Co. Apparatus for improving lehr operation. 2,848,845, 8-26-58, Cl. 49—47.
- Doupnik, Frank A. Children's educational coin-saving device. 2,863,603, 12-9-58, Cl. 232—5.
- Dourdeville, Theodore A., to David Gessner Co. Apparatus for winding sheet material at constant surface speed and at constant tension. 2,823,872, 2-18-58, Cl. 242—75.5.
- Douthitt Corp.: *See*—
Hutchins, Loren W. 2,852,977.
- Douthitt, Merton H., to The Texas Co. Manufacture of halocarbonyls. 2,847,470, 8-12-58, Cl. 260—544.
- Doutt, Kingsley A. Automatic gap control device for hydraulically actuated flash welders. 2,829,233, 4-1-58, Cl. 219—97.
- D'Ouville, Edmond L.: *See*—
McLeod, Gordon D., and D'Ouville. 2,819,290.
- D'Ouville, Edmond L., and R. C. Arnold, to Standard Oil Co. Reactivation of platinum-alumina catalysts. 2,842,503, 7-8-58, Cl. 252—412.
- D'Ouville, Edmond L., and J. W. Mohlman, to Standard Oil Co. Process of hydrogen recovery and recycle. 2,864,761, 12-16-58, Cl. 208—97.
- Dove, Ernest B., to D. Napier & Son Ltd. Centrifugal pumps and compressors. 2,822,758, 2-11-58, Cl. 103—103.

- Dove, Eugene W. Chart spool. 2,863,614, 12-9-58, Cl. 242-74.
- Dover Corp.: *See*—
Racely, Kermit L. 2,856,028.
- Dow Chemical Co., The: *See*—
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Baker, Alfred V. 2,843,003.
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Cardwell, Paul H., Eilers, and Hendrickson. 2,866,754.
Carr, Boyd H., Doane, and Lefevre. 2,831,822.
Cecil, Clyde J., Courter, and Olson. 2,819,673.
Chamberlain, Malcolm, and Greenfield. 2,834,207.
Chamberlain, Malcolm, Rigterink, and Stacy. 2,820,775.
Chisholm, Douglas S., and Hall. 2,840,465.
Chisholm, Douglas S., and Hall. 2,861,791.
Clark, Gerald A., and Havens. 2,852,488.
Clark, Gerald A., Havens, and Brookens. 2,858,293.
Coker, William P., and Strother. 2,861,994.
Colbry, Norman R., and Hershey. 2,843,473.
Colby, Robert W., and Mesler. 2,819,966.
Colby, Robert W., and Mesler. 2,819,967.
Colby, Robert W., and Mesler. 2,819,968.
Colby, Robert W., and Mesler. 2,861,886.
Colby, Robert W., and Mesler. 2,861,887.
Costa, John E., Le Boeuf, and Lefevre. 2,853,741.
Davis, Benjamin F., Jr., and Cardwell. 2,820,729.
Davis, Clyde W., and Ehlers. 2,848,440.
Davis, Clyde W., and Ehlers. 2,858,290.
De Long, Chancery E., Hunt, and Ludington. 2,838,801.
De Long, Herbert K. 2,861,019.
Dietzler, Andrew J., Noddings, and Corey. 2,824,843.
Diss, Edward M. 2,835,121.
Doerner, Mona P. 2,821,555.
Doerner, Mona P. 2,830,085.
Douglas, Burke. 2,855,358.
Dreishach, Robert R., and Lang. 2,859,209.
Dreishach, Robert R., Mulloy, and Lowes. 2,829,178.
Dreishach, Robert R., Mulloy, and Lowes. 2,829,179.
Dreishach, Robert R., Mulloy, and Lowes. 2,851,498.
Dudley, William G., and Gerdes. 2,854,625.
Dudley, William G., and Poetker. 2,850,640.
Duke, Marshall W. 2,846,415.
Dunn, James L., Jr., and Posey. 2,866,830.
Eberhard, John F., and Park. 2,819,239.
Edmonson, Richard E., and Wroth. 2,831,846.
Ehlers, Forrest A., and Tammela. 2,858,288.
Eichhorn, Jacob. 2,841,473.
Fischback, Bryant C., and Harris. 2,827,483.
Fischback, Bryant C., and Harris. 2,866,830.
Fischback, Bryant C., Harris, Brown, and Taplin. 2,826,611.
Fisher, John R. 2,837,417.
Foerster, George S. 2,822,267.
Frevel, Ludo K., and Kressley. 2,820,809.
Frevel, Ludo K., and Kressley. 2,820,810.
Frevel, Ludo K., and Kummer. 2,823,096.
Frost, John R. 2,858,186.
George, Percy F. 2,859,265.
- Dow Chemical Co., The: *See*—Continued
Glesner, Charles W. 2,845,471.
Gordon, David A. 2,824,853.
Gordon, David A. 2,824,854.
Gordon, David A. 2,861,976.
Greminger, George K., Jr. 2,844,480.
Greminger, George K., Jr., Cook, and Stieve. 2,831,026.
Greminger, George K., Jr., and Weaver. 2,840,485.
Grenley, Dallas G., and Townsend. 2,840,491.
Hamilton, Dallas E., and Cogdell. 2,831,902.
Harris, Clare S. 2,830,643.
Havens, Carl B. 2,823,196.
Havens, Carl B. 2,846,412.
Havens, Carl B. 2,853,466.
Hefner, Robert E., and Pruitt. 2,841,479.
Heiler, Harold H., and Saunders. 2,836,551.
Henderson, John K., Rosene, and Stout. 2,823,753.
Hennes, John H., and Kundiger. 2,854,460.
Henry, William M. 2,825,451.
Holly, Earl D. 2,831,896.
Holly, Earl D., and S. H. Vasicek. 2,832,806.
Hopkins, Charles W., and Easley. 2,828,194.
Huff, James E., and Moss. 2,861,102.
Hymas, Theo A. 2,827,416.
Hymas, Theo A. 2,831,795.
Ingle, Francis L., and Moldovan. 2,843,561.
Ingraham, Robert B., and Gunderman. 2,857,368.
Jones, Giffin D. 2,831,841.
Jones, William C. 2,819,137.
Jones, William C., and Wyatt. 2,819,136.
Kauer, Kenneth C. 2,862,018.
Kauer, Kenneth C., and Britton. 2,836,612.
Kauer, Kenneth C., and Britton. 2,855,422.
Kauer, Kenneth C., and Britton. 2,855,426.
Kirk, Roy C., and Reid. 2,850,557.
Klein, Walter A. 2,825,452.
Klein, Walter A. 2,857,046.
Klein, Walter A., Mason, and Holzschu. 2,836,292.
Klein, Walter A., Mason, and Holzschu. 2,850,157.
Kressley, Leonard J., and Frevel. 2,829,953.
Kropf, Scott, Earle L., Greminger, and Weaver. 2,836,505.
Kundiger, Donald G., and Ikenberry. 2,855,439.
Kundiger, Donald G., and Ott. 2,826,603.
Kundiger, Donald G., Ott, and Pledger. 2,862,015.
Kundiger, Donald G., and Ovis. 2,822,408.
Kundiger, Donald G., and Pledger. 2,837,576.
Lang, John L. 2,835,658.
Lang, John L. 2,861,974.
Larson, Winston B., and Edmonson. 2,846,426.
Le Boeuf, Edgar W. 2,818,630.
Lee, John M. 2,837,555.
Lennox, Forrest R. 2,832,642.
Lloyd, William G. 2,848,501.
Longstreth, Murrey O. 2,852,813.
Lorette, Nicholas B. 2,843,601.
Lorette, Nicholas B. 2,843,602.
Lowes, Fred J. 2,829,167.
Lowes, Fred J. 2,829,168.
Lucas, Jessie L., and Armstrong. 2,858,263.
Lynn, Scott. 2,852,517.
MacKenzie, Gordon F. 2,861,995.
MacKenzie, Gordon F., and Morris. 2,848,491.
Manley, Richard S. 2,850,410.
McCoy, Robert E. 2,822,402.
McKellar, Robert. 2,861,948.
Meikle, Richard W. 2,854,481.
Meuli, Lloyd J. 2,836,536.
Meuli, Lloyd J. 2,840,501.
Mock, Richard A. 2,821,549.
Mock, Richard A., and Morris. 2,840,603.
Morris, Elton K. 2,826,610.
Morris, John W., Jr. 2,821,459.
Moyle, Clarence L., and Meints. 2,859,242.
Murdoch, Stanley A., Traylor, and Lefferdink. 2,829,066.
Neipert, Marshall P., Blue, and Houser. 2,848,408.
Newport, John J. 2,834,698.
Norris, Mark G., Jr. 2,826,531.
Norton, Frederick H. 2,840,581.
Norton, Frederick H. 2,840,601.
Nummy, William R. 2,866,776.
Paddock, Richard K. 2,853,754.
Palfey, Albert J. 2,851,075.
Partansky, Alexander M., and King. 2,838,473.
Patten, Lorraine E., and Kelly. 2,840,475.
Peterson, Norman R., Henson, and Churchfield. 2,830,961.
Petrie, Peter S. 2,861,080.
Petrie, Peter S. 2,861,081.
Petrie, Peter S., and Horsley. 2,834,781.
Poffenberger, Noland. 2,826,045.
Price, Raymond M., Young, Tubbs, and Lee. 2,864,802.
Pruitt, Malcolm E., and Rogers. 2,831,034.
Pumpelly, Charles T. 2,823,227.
Pumpelly, Charles T. 2,852,555.
Pumpelly, Charles T. 2,861,096.
Pye, David J., and Schurz. 2,853,444.
Rector, Marion R., and Hahn. 2,827,443.
Reid, Raymond W., and George. 2,834,826.
Rickert, Herbert B., Bozer, Montgomery, and Duke. 2,826,515.
Rigterink, Raymond H. 2,825,728.
Rigterink, Raymond H. 2,826,575.
Rigterink, Raymond H. 2,826,576.
Rigterink, Raymond H. 2,826,577.

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Rigterink, Raymond H. 2,838,572.
Rigterink, Raymond H. 2,842,595.
Rigterink, Raymond H. 2,861,991.
Robertson, Dale N. 2,847,472.
Robertson, Dale N. 2,847,473.
Robertson, Dale N. 2,855,429.
Robertson, Dale N. 2,855,442.
Robertson, Dale N. 2,855,443.
Robinson, Billy P., Wendorff, and Zingg. 2,838,417.
Robinson, Harold A. 2,841,546.
Robinson, Harold A. 2,859,165.
Rocklin, Albert L. 2,829,164.
Rubens, Louis C. 2,848,427.
Rubens, Louis C. 2,848,428.
Savage, Albert B. 2,831,852.
Savage, Albert B. 2,835,666.
Scigliano, Joseph J. 2,843,589.
Scigliano, Joseph J., and Britton. 2,839,533.
Scigliano, Joseph J., and Britton. 2,843,590.
Scott, Charles R., and Wolf. 2,863,843.
Senkbeil, Herman O. 2,827,478.
Senkbeil, Herman O. 2,831,017.
Senkbeil, Herman O. 2,850,526.
Senkbeil, Herman O., and Brust. 2,823,225.
Senkbeil, Herman O., and Pumpelly. 2,821,546.
Senkbeil, Herman O., and Pumpelly. 2,861,097.
Senkbeil, Herman O., Pumpelly, and Brust. 2,821,545.
Senkbeil, Herman O., Pumpelly, and Brust. 2,823,224.
Sexton, Arthur R., and Britton. 2,820,818.
Sexton, Arthur R., and Britton. 2,823,222.
Sexton, Arthur R., and Britton. 2,830,082.
Silvernail, Lloyd H., Greminger, and Weaver. 2,836,506.
Slagh, Harold R. 2,820,065.
Sloan, Harold F., Greminger, and Windover. 2,838,384.
Spriggs, John S. 2,828,345.
Stanton, George W., Davis, and Spence. 2,837,492.
Stanton, George W., and Ehlers. 2,860,121.
Stelmel, Vincent A., Lake, and Cantwell. 2,851,792.
Steinhauer, Alfred F. 2,835,694.
Steinhauer, Alfred F. 2,835,695.
Steinhauer, Alfred F. 2,835,696.
Steinhauer, Alfred F. 2,854,477.
Steinhauer, Alfred F. 2,863,908.
Stevens, Donna. 2,840,595.
Stevens, Donna, Harris, and Pearlman. 2,831,895.
Stevens, Donna, Harris, and Pearlman. 2,839,541.
Stoesser, Wesley C., and Gentry. 2,835,707.
Stoesser, Wesley C., and Gentry. 2,850,537.
Swezey, Arthur W., and Nex. 2,841,482.
Swezey, Arthur W., and Nex. 2,841,483.
Swinehart, Richard W., and Bull. 2,822,251.
Swinehart, Richard W., Greminger, and Weaver. 2,849,328.
Swinehart, Richard W., Weaver, Savage, and Moeller. 2,835,603.
Taplin, William H., III. 2,846,483.
Taylor, William C., and Tung. 2,825,698.
Teot, Arthur S. 2,836,578.
Tolkmath, Henry. 2,831,015.
Tolkmath, Henry. 2,866,810.
Tolkmath, Henry, and Britton. 2,855,425.
Tollar, James E., and Longstreth. 2,840,397.
Tousignant, William F. 2,823,234.
Tousignant, William F. 2,849,486.
Tousignant, William F., and Bylsma. 2,839,417.
Tousignant, William F., and Houtman. 2,842,523.
Tousignant, William F., and Houtman. 2,861,101.
Trapp, Walter B., and Pletcher. 2,834,800.
Trapp, Walter B., and Pletcher. 2,847,460.
Trapp, Walter B., and Pletcher. 2,859,239.
Trask, Jack L., and Tousignant. 2,826,587.
Urchick, Demetrius. 2,860,378.
Vander Weele, John C. 2,822,405.
Vander Weele, John C., and White. 2,847,420.
Wallis, Wilhelm E. 2,832,696.
Wallis, Wilhelm E. 2,832,697.
Wallis, Wilhelm E. 2,832,698.
Wallis, Wilhelm E. 2,832,699.
Wallis, Wilhelm E., and Ingraham. 2,858,237.
Waters, Roland M., and Lee. 2,837,575.
Wheaton, Robert M. 2,823,201.
Wheeler, Donald D., and Young. 2,819,286.
Wheeler, Donald D., and Young. 2,819,287.
Wheeler, Donald D., and Young. 2,830,999.
Wheeler, Donald D., and Young. 2,834,780.
Wheeler, Donald D., and Young. 2,834,788.
Wheeler, Donald D., and Young. 2,838,522.
Wheeler, Donald D., and Young. 2,840,569.
Wheeler, Donald D., and Young. 2,842,556.
Wheeler, Donald D., and Young. 2,844,596.
Wheeler, Donald D., and Young. 2,855,395.
Wheeler, Donald D., and Young. 2,857,396.
Wheeler, Donald D., and Young. 2,861,082.
Wheeler, Donald D., and Young. 2,863,877.
White, Halbert C. 2,859,244.
Widiger, Alexander H., Jr. 2,854,488.
Williams, Bill M., and Britton. 2,850,495.
Windover, Francis E., Anderson, and Greminger. 2,839,419.
Wirt, James R., and Kelly. 2,840,476.
Wirt, James R., Kelly, and Krajewski. 2,840,474.

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Wolf, Paul A. 2,843,545.
Wolf, Paul A., and Bobalek. 2,861,968.
Youngson, Charles R., and Goring. 2,849,361-8.
Zurawie, Theodore E., Mundinger, and Tousignant. 2,850,408.
Zurawie, Theodore E., and Tousignant. 2,850,407.
Zupic, Carl P. 2,863,173.
Zvanut, Carl M. 2,831,782.
Dow Corning Corp.: *See*—
Braley, Orville A. 2,818,906.
Braley, Orville A. 2,855,378.
Clark, Harold A. 2,819,282.
Clark, Harold A. 2,830,968.
Clark, Harold A. 2,851,439.
Collings, William R. 2,833,022.
Collings, William R., and Browne. 2,831,611.
Dickmann, Norbert G. 2,819,236.
Fletcher, Herbert J. 2,860,152.
Frye, Cecil L. 2,842,522.
Gilkey, John W. 2,838,423.
Haluska, Loren A. 2,846,458.
Hedlund, Robert C. 2,833,441.
Hedlund, Robert C. 2,855,380.
Hedlund, Robert C. 2,860,074.
Holbrook, George W. 2,833,801.
Koch, Robert J. 2,833,742.
May, William C. 2,833,658.
Merker, Robert L. 2,833,802.
Merker, Robert L. 2,863,898.
Opplinger, Paul. 2,846,323.
Polmanteer, Keith E., and Koch. 2,842,520.
Saam, John C. 2,860,153.
Seyferth, Dietmar. 2,831,009.
Shannon, Gerald L. 2,842,509.
Shorr, Leonard M. 2,819,245.
Shorr, Leonard M. 2,842,517.
Shorr, Leonard M., and David. 2,823,195.
Sommer, Leo H. 2,831,011.
Sommer, Leo H. 2,838,515.
Sommer, Leo H. 2,855,381.
Speier, John L. 2,846,448.
Speier, John L., and Hook. 2,823,218.
Tyler, Leslie J. 2,863,846.
Wehrly, Jack R. 2,863,897.
Weyer, Donald E. 2,833,732.
Youngs, Delmar C. 2,827,099.
Youngs, Delmar C. 2,854,698.
Dow, Dewey M., to Air-way Industries, Inc. Vacuum cleaner floor tool assembly having a cam actuated valve and agitator. 2,822,565, 2-11-58, Cl. 15—373.
Dow Furnace Co., The: *See*—
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Dow Jones & Co., Inc.: *See*—
Ackell, Joseph J. 2,846,055.
Dow, Orville E., to Radio Corp. of America. Neutralization scheme for multiplex receiver. 2,854,513, 9-30-58, Cl. 179—15.
Dow, Thomas D. A., to Northern Electric Co., Ltd. Automatically self-conforming fluid pressure reducer. 2,847,036, 8-12-58, Cl. 138—45.
Dow, Walter K. Speed control device. 2,832,232, 4-29-58, Cl. 74—526.
Dow, Walter K. Accelerator controlling device. 2,861,468, 11-25-58, Cl. 74—513.
Dow, William E., to Cone Automatic Machine Co., Inc. Boring bar. 2,846,904, 8-12-58, Cl. 77—58.
Dowd, Albert A.: *See*—
Furman, Frank J., Moneagle, Wetjen, and Dowd. 2,842,250.
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Dowd, Laurence E., and M. A. Glaser, to Tee Pak, Inc. Coated sausage casing. 2,866,710, 12-30-58, Cl. 99—176.
Dowdell, Olan R. Vehicle speed control system. 2,839,148, 6-17-58, Cl. 180—82.1.
Dowden, Dennis A., L. V. Johnson, and G. C. Vincent, to Imperial Chemical Industries Ltd. Production of alumina/silica catalysts. 2,835,637, 5-20-58, Cl. 252—432.
Dowdle, Vestel O. Squeeze driven rotating device. 2,818,739, 1-7-58, Cl. 74—127.
Dowds, Thomas A., to Burroughs Corp. Printed circuit panel assembly. 2,853,656, 9-23-58, Cl. 317—101.
Dowell, Alvis Y., and D. G. Eaton. Fuel burner for tobacco curing. 2,845,999, 8-5-58, Cl. 158—53.
Dowlen, George E., and R. M. Tefft; said Tefft assor. to said Dowlen. Method and apparatus for resurfacing roofs. 2,847,318, 8-12-58, Cl. 117—2.
Dowling, Edward D., to The M. W. Kellogg Co. Plug type catalyst control valve for orthoflow system. 2,850,364, 9-2-58, Cl. 23—288.
Downes, Daniel T., and E. Faustin, to Pittsburgh Plate Glass Co. Method and apparatus for processing glass. 2,831,791, 4-22-58, Cl. 154—2.7.

- Downes, Lloyd C., to Hoffman Electronics Corp. Height gate generators or the like. 2,863,053, 12-2-58, Cl. 250-27.
- Downey, William H. J. Toothpaste dispenser. 2,845,202, 7-29-58, Cl. 222-097.
- Downie, Robert R. Cone shell for frozen confection. 2,862,820, 12-2-58, Cl. 99-89.
- Downing, Brian Y.: *See—*
Schollick, Francis, and Downing. 2,857,359.
- Downing, Eric W., to Joseph Lucas (Industries) Ltd. Liquid fuel metering devices for use on internal combustion engines. 2,852,164, 9-16-58, Cl. 222-263.
- Downing, Francis P., to The Sharples Corp. Process for rendering animal fat. 2,823,215, 2-11-58, Cl. 260-412.6.
- Downing, John: *See—*
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- Downing, Mason L., to Esso Research and Engineering Co. Apparatus for distributing gases within fluid burners. 2,853,370, 9-23-58, Cl. 23-288.
- Downing, Mason L., F. J. Herrmann, and S. G. Marx, to Esso Research and Engineering Co. Electrode for electrical coalescence. 2,846,889, 8-5-58, Cl. 204-302.
- Downing, Mason L., and H. C. North, to Esso Research and Engineering Co. Fluid coking reactor. 2,859,168, 11-4-58, Cl. 208-48.
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Pool, Stuart D., Downing, and Walker. 2,827,750.
- Downing, Willis T. Air purifier. 2,849,081, 8-26-58, Cl. 183-113.
- Downing, Willis T., and H. Browning. Diesel exhaust check valve. 2,852,037, 9-16-58, Cl. 137-467.
- Downs, Florence B.: *See—*
Harris, Frederic R. 2,830,553.
- Downs, Francis T. Air cooled and filtered smoke. 2,822,813, 2-11-58, Cl. 131-1.
- Downs, George A. Sashless window structure. 2,838,147, 6-10-58, Cl. 189-72.
- Downs, Irving T. Clod eliminator for attachment to a potato harvester. 2,827,241, 3-18-58, Cl. 241-102.
- Downs, John W., to Sperry Rand Corp. Moving target indicator radar system. 2,842,761, 7-8-58, Cl. 343-7.7.
- Downs, Martin L., and R. C. Dressler, to Thilman Pulp & Paper Co. Carbon paper and method of making same. 2,824,815, 2-25-58, Cl. 117-36.
- Downs, Russell E., to Fafnir Bearing Co. Bearing. 2,819,128, 1-7-58, Cl. 308-194.
- Dowse, Joseph, and F. Booth, to The British Fibrak Separator Co. Ltd. Separators for electric storage batteries. 2,837,592, 6-3-58, Cl. 136-145.
- Dowty Fuel Systems Ltd.: *See—*
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- Dowty Hydraulic Units Ltd.: *See—*
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- Dowty, Lee B., and L. J. Heavin, to Spencer Chemical Co. Automatic bag opening machine. 2,828,596, 4-1-58, Cl. 53-386.
- Dowty Mining Equipment Ltd.: *See—*
Frye, Colin M. 2,859,022.
- Doxtator, Charles H. Weight attachment for vehicles. 2,854,247, 9-30-58, Cl. 280-106.
- Doyen, Jean E. A., to Yardney International Corp. Triggerable electro-chemical generators. 2,864,881, 12-16-58, Cl. 136-113.
- Doyle, Edward J. Circuit continuity indicator. 2,832,069, 4-22-58, Cl. 340-252.
- Doyle, Frank B. Floating weigh carriage for a scale conveyor. 2,830,803, 4-15-58, Cl. 265-28.
- Doyle, Frank B. Apparatus for moistening tobacco and other products in bulk. 2,832,353, 4-29-58, Cl. 131-133.
- Doyle, Frank P.: *See—*
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- Doyle, Irving W., and C. W. Houghton, to Fairchild Camera and Instrument Corp. Adjustable precision electromechanical timer. 2,832,854, 4-29-58, Cl. 200-24.
- Doyle, Irving W., and D. G. C. Hare, to Fairchild Camera and Instrument Corp. Image-velocity responsive system. 2,866,373, 12-30-58, Cl. 88-1.
- Doyle, James H., to Hoffman Electronics Corp. Coupling circuits or the like. 2,863,125, 12-2-58, Cl. 333-12.
- Doyle, Norman V. Antenna rotator. 2,865,211, 12-23-58, Cl. 74-89.
- Doyle, Robert L., to Pacific Gun Sight Co. Shell loading apparatus. 2,865,244, 12-23-58, Cl. 86-38.
- Doyle, William C., to General Electric Co. Light intensity measuring device including semi-conductor translating circuit. 2,862,416, 12-2-58, Cl. 89-23.
- Doyle, William F., and D. L. Copenhaver; said Copenhaver assor. to said Doyle. Process of applying lanolin finish to nylon hosiery and heat setting the hosiery and products produced therefrom. 2,832,518, 4-29-58, Cl. 223-76.
- Doyle, William H., and W. J. O'Donnell, to Republic Aviation Corp. Airplane coupling means. 2,863,618, 12-9-58, Cl. 244-2.
- Doyle, William S. Serving tray support for drive-in restaurants. 2,849,534, 8-26-58, Cl. 179-1.
- Dr. Ing. h. c. F. Porsche K.-G.: *See—*
Porsche, Ferdinand. 2,824,724.
Reimspiess, Franz X. 2,845,134.
- Dr. Ing. Mario Biazzi Soc. An.: *See—*
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- Dr. Ing. Max Schlotter: *See—*
Frick, Wolfgang, Geldbach, Korpiun, and Sedlacek. 2,846,381.
- Dr.-Ing. Rudolf Hell K. G.: *See—*
Hell, Rudolf. 2,853,551.
- Dr.-Ing. Rudolf Hell, Kommanditgesellschaft: *See—*
Hell, Rudolf. 2,819,941.
Hell, Rudolf. 2,856,459.
Hell, Rudolf. 2,863,000.
- Dr.-Ing. Schneider & Co.: *See—*
Schneider, John. 2,861,711.
- Dr. Ing. Sim. Frey Gesellschaft für Industrielle Forschungen, Reg. Trust: *See—*
Frey, Simon. 2,858,591.
- Dr. Ing. Walter Reiners: *See—*
Küpper, Wilhelm. 2,857,113.
- Drabik, Josef: *See—*
Schwarz, Karl H., and Drabik. 2,834,373.
Schwarz, Karl H., and Drabik. 2,837,119.
- Draco Corp.: *See—*
Schneider, George. 2,819,122.
Schneider, George. 2,830,676.
- Drackett Co., The: *See—*
Stewart, James U., and Coopriders. 2,837,247.
Stewart, James U., and Coopriders. 2,846,124.
Stewart, James U., and Coopriders. 2,853,210.
- Draeger, Albertus G.: *See—*
Timmerman, Robert W., Draeger, and Getz. 2,857,250.
- Draeger, Kenneth E., and J. F. Ross, to Esso Research and Engineering Co. Fluid hydroforming process. 2,846,366, 8-5-58, Cl. 196-50.
- Drage, Sergey S., 50% to Star Co. Fuel feeding and ignition means for pulse jet type hot gas or steam generator. 2,836,036, 5-27-58, Cl. 60-39.55.
- Drager, Dr. Otto H.: *See—*
Grosskopf, Karl. 2,862,859.
- Drager, Otto H.: *See—*
Schuster, Siegfried J. 2,839,157.
Stampe, Gerhard K. E. H., and Tietze. 2,840,184.
Wachter, Karl-August. 2,846,969.
- Drager, Otto H. Sand or earth filter. 2,830,675, 4-15-58, Cl. 183-49.
- Drager, Otto H. Double door air lock. 2,830,838, 4-15-58, Cl. 292-166.
- Draghi, André. Tampon. 2,844,150, 7-22-58, Cl. 128-285.
- Drago, Philip. Portable knockdown tent. 2,847,017, 8-12-58, Cl. 135-3.
- Drago, Russell S.: *See—*
Sisler, Harry H., and Drago. 2,863,728.
- Draheim, Willi: *See—*
Gennig, Ernst, Draheim, and Monske. 2,866,009.
- Drain, David J., and H. W. R. Williams, to T. J. Smith & Nephew Ltd. Heterocyclic nitrogen-containing compounds having a 3:4:5-trimethoxybenzoyl substituent. 2,819,273, 1-7-58, Cl. 260-294.3.
- Drain Enterprises, Inc.: *See—*
Geen, Arthur J. 2,842,348.
- Drain, Herbert D. Speed responsive device for automobiles. 2,847,875, 8-19-58, Cl. 74-526.
- Drain, James A., J. A. Read, and J. E. Gordon, to Joy Mfg. Co. Mine shaft mucking apparatus. 2,849,138, 8-26-58, Cl. 214-657.
- Drain, James A., J. E. Gordon, and J. A. Read, to Joy Mfg. Co. Mine shaft mucking machine. 2,849,139, 8-26-58, Cl. 214-658.
- Drainall Corp.: *See—*
Lanfear, Joseph P. 2,844,330.
- Drake, Arthur K., to Edgerton, Germeshausen and Grier, Inc. System for compensating for ambient radiation. 2,849,623, 8-26-58, Cl. 250-214.
- Drake Block Co., Inc.: *See—*
Priebe, Ernest B., Jr., and P. A. 2,837,799.
- Drake, Frederick H., to Aircraft Radio Corp. Receiver tuning in two-way radio. 2,864,942, 12-16-58, Cl. 250-13.
- Drake, George L., Jr.: *See—*
Reeves Wilson A., Chance, and Drake. 2,859,134.
- Drake, Harcourt C. Method of preventing shelling in railroad rails. 2,853,775, 9-30-58, Cl. 29-558.
- Drake, John A., to Marquardt Aircraft Co. Automatic constant mach number control system. 2,850,871, 9-9-58, Cl. 60-35.6.
- Drake John A., to Marquardt Aircraft Co. Temperature control device for an engine. 2,857,742, 10-28-58, Cl. 60-39.28.
- Drake, John A., to Marquardt Aircraft Co. Pressure ratio sensor. 2,864,393, 12-16-58, Cl. 137-82.
- Drake, John E.: *See—*
Le May Ernest G., Jr., and Drake. 2,858,075.
- Drake, John E. Packed anti-friction ball and socket coupling. 2,846,242, 8-5-58, Cl. 285-263.
- Drake, John F. Golf putter. 2,838,312, 6-10-58, Cl. 273-183.
- Drake, Russell P., to Barber-Colman Co. Warper. 2,843,915, 7-22-58, Cl. 28-32.
- Drake, William H. Safety pin handling and storing device. 2,853,196, 9-23-58, Cl. 211-59.
- Drakeley, George T., to Boeing Airplane Co. Trust reversers for jet engines. 2,839,891, 6-24-58, Cl. 60-35.54.
- Drakenfeld, B. F., & Co., Inc.: *See—*
Carnahan, Thomas D., and Ray. 2,847,317.
- Drakoff, Aniela. Screen covering for frying pans and the like. 2,820,513, 1-21-58, Cl. 160-180.

- Dranetz, Abraham I.: *See*—
Hoover, Frank A., and Dranetz. 2,850,593.
- Drapeau, Harold B., to The Dole Valve Co. Thermostatic valve. 2,857,105, 10-21-58, Cl. 236-34.
- Drapeau, Harold B., and G. J. Safraneck, to The Dole Valve Co. Poppet type thermostat valve. 2,829,834, 4-8-58, Cl. 236-34.
- Draper, Charles S., and C. L. Emmerich, to Research Corp. Motion-measuring system. 2,853,287, 9-23-58, Cl. 264-1.
- Draper Corp.: *See*—
Banks, Waldo H., and Thibault. 2,845,957.
Consoletti, Paul C. 2,862,526.
Hutchinson, Henry G. 2,845,967.
Moon, Clifford G., and Budzyna. 2,822,827.
Repas, George E. 2,856,740.
Sanderson, Kenneth E., and Thibault. 2,829,679.
Thibault, Harrison N. 2,825,367.
Villani, Antonio. 2,835,278.
- Draper, Frederick R., to Girling Ltd. Adjusters for the shoes of internal shoe drum brakes. 2,826,093, 3-11-58, Cl. 74-527.
- Draper, Roy E. Egg candling apparatus. 2,864,281, 12-16-58, Cl. 88-14.8.
- Dratman, Mary B. Device for facilitating putting overshoes on and taking them off. 2,853,805, 9-30-58, Cl. 36-1.
- Draudt, Howard N.: *See*—
Hanley, Jack W., and Draudt. 2,844,478.
- Draughon, William H. Snow sweeping attachment for lawn mower. 2,863,162, 12-9-58, Cl. 15-79.
- Drautz, Walter G., to General Aniline & Film Corp. Hectograph composition. 2,824,812, 2-25-58, Cl. 106-145.
- Drautz, Walter G., to General Aniline & Film Corp. Hectograph process and solvent. 2,862,444, 12-2-58, Cl. 101-149.4.
- Dravo Corp.: *See*—
Davidson, Walter L., Loeb, and O'Laughlin. 2,857,906.
Porreus, John H., and Anthes. 2,861,792.
Reilly, Bertram B. 2,836,169.
- Dravson, Ronald D. Sleeping bag for pets. 2,854,948, 10-7-58, Cl. 119-1.
- Drechsel, Elkhart K., to American Cyanamid Co. Reaction products of an alkyleneimine and an organic carbonate. 2,824,857, 2-25-58, Cl. 260-77.5.
- Dreeben, Jack. Forming and filling tubes for package making apparatus. 2,840,966, 7-1-58, Cl. 53-177.
- Drees, Joseph M., and K. L. Jones, to Sylvania Electric Products Inc. Coil winder. 2,836,370, 5-27-58, Cl. 242-9.
- Dreher, Elmer H., to Sperry Rand Corp. Cross connector for electrical conductors. 2,820,843, 1-21-58, Cl. 174-87.
- Dreher, George M.: *See*—
Allison, Carl F., Dreher, and Trathowen. 2,845,332.
- Dreher, George M. Combustion analysis method and apparatus. 2,836,482, 5-27-58, Cl. 23-230.
- Dreher, John L., and S. G. Thompson, to the United States of America as represented by the United States Atomic Energy Commission. Plutonium separation method. 2,819,143, 1-7-58, Cl. 23-14.5.
- Dreher, Wilhelm: *See*—
Doerr, Johannes and Dreher. 2,846,967.
- Dreier Brothers, Inc.: *See*—
Dreier, Raymond C. 2,849,039.
- Dreier, John F. Display case. 2,841,272, 7-1-58, Cl. 206-10.
- Dreier, Raymond C., to Dreier Brothers, Inc. Saw construction. 2,849,039, 8-26-58, Cl. 145-31.
- Dreiling, Omer A.: *See*—
McAfee, Millard F. 2,845,180.
- Dreisbach, Leonard A.: *See*—
Parsons, Henry C., Dreisbach, and Chondzinski. 2,858,802.
- Dreisbach, Paul F., to American Cyanamid Co. Sulfamoyl-sulfanilamides and method of preparing the same. 2,826,594, 3-11-58, Cl. 260-397.7.
- Dreisbach, Robert R., J. F. Mulloy, and F. J. Lowes, to The Dow Chemical Co. Preparation of styrene dichloride compounds. 2,829,178, 4-1-58, Cl. 260-651.
- Dreisbach, Robert R., J. F. Mulloy, and F. J. Lowes, to The Dow Chemical Co. β ,2,5-trichlorostyrene and method for making. 2,829,179, 4-1-58, Cl. 260-651.
- Dreisbach, Robert R., J. F. Mulloy, and F. J. Lowes, to The Dow Chemical Co. Purification of 2,5-dichlorostyrene. 2,851,498, 9-9-58, Cl. 260-650.
- Dreisbach, Robert R., and J. L. Lang, to The Dow Chemical Co. Process for polymerizing vinyl alkyl ethers. 2,859,209, 11-4-58, Cl. 260-79.3.
- Drelich, Arthur H., to Chiconee Mfg. Corp. Textile waste recovery process. 2,832,663, 4-29-58, Cl. 8-141.
- Drennan, James G., and J. W. Thomson, Jr., to Owens-Illinois Glass Co. Apparatus for feeding, sorting, and applying ring fitments to containers. 2,835,963, 5-27-58, Cl. 29-211.
- Drescher, John F. Impulse generator. 2,832,902, 4-29-58, Cl. 310-15.
- Drescher & Kiefer: *See*—
Reitzel, Georg. 2,849,044.
- Dresden, Mark K., to A. H. Wirz, Inc. Sealing nitrocellulose cement. 2,849,739, 9-2-58, Cl. 15-140.3.
- Dressel, Arthur, to R. Hoe & Co., Inc. Inking mechanisms. 2,821,919, 2-4-58, Cl. 101-365.
- Dresser Equipment Co.: *See*—
Selberg, John P., and Kahn. 2,829,741.
- Dresser-Ideco Co.: *See*—
Smith, Robert W. 2,846,186.
- Dresser Industries, Inc.: *See*—
Becker, Murry F., and Harney. 2,823,058.
Fryklund, Robert A. 2,862,193.
Hoke, Howard L. 2,822,195.
Peterson, Elwin W. 2,859,013.
Porter, Forrest V. 2,848,194.
Porter, Forrest V. 2,848,195.
Risley, Roger E. 2,850,299.
Risley, Roger E., and Hoke. 2,843,155.
Risley, Roger E., and Kish. 2,822,191.
Risley, Roger E., and Paterson. 2,861,822.
- Dresser, Wilfred C., and R. D. Jacobson, to American Cyanamid Co. Method for preparing compost. 2,820,703, 1-21-58, Cl. 71-9.
- Dresser, Willis R., to The Vitarama Corp. Automatic apparatus for controlling synchronization of different film feeding mechanisms. 2,844,070, 7-22-58, Cl. 88-16.2.
- Dresser, Willis R., to The Vitarama Corp. Wireless control for recording sound for stereophonic reproduction. 2,860,541, 11-18-58, Cl. 88-16.2.
- Dressler, Philip, and C. D. Tinker, to Swindell-Dressler Corp. Salt glazing ceramic wares. 2,855,655, 10-14-58, Cl. 25-132.
- Dressler, Robert, to Chromatic Television Laboratories, Inc. Color television voltage control system. 2,833,959, 5-6-58, Cl. 315-21.
- Dressler, Robert C.: *See*—
Downs, Martin L., and Dressler. 2,824,815.
- Dressler, Thomas M., to International Harvester Co. Governing mechanism for fuel injection pumps of Diesel engines. 2,836,162, 5-27-58, Cl. 123-140.
- Drew, Charles E. Expanding mandrel chuck. 2,841,402, 7-1-58, Cl. 279-2.
- Drew, Charles E., and J. T. Cochran, to Drewco Corp. Work holding sleeve member. 2,829,899, 4-8-58, Cl. 279-41.
- Drew, E. F., & Co., Inc.: *See*—
Barsky, George. 2,840,585.
Little, Lawrence L., and Chen. 2,860,106.
Kanzemberger, Walther. 2,832,674.
- Drew, Harold S. Holders for magazines. 2,864,193, 12-16-58, Cl. 42-1.
- Drew, John H.: *See*—
Degelman, John. 2,827,056.
- Drew, John J. Exercising device. 2,838,307, 6-10-58, Cl. 272-57.
- Drew, Robert D.: *See*—
Lee, Russell, and Drew. 2,829,087.
- Drewco Corp.: *See*—
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- Drewes, Menke, Jr., to Crane Co. Baseboard convectors. 2,848,199, 8-19-58, Cl. 257-133.
- Drewett, Arthur F., to Erie Resistor Ltd. Apparatus for producing electric resistors. 2,853,969, 9-30-58, Cl. 118-48.
- Drewitt, James G. N.: *See*—
Allen, Sidney J., and Drewitt. 2,825,739.
- Drewrys, Walter V. Fishing rod holder. 2,838,263, 6-10-58, Cl. 248-43.
- Dreys, Gustav, to Eclipse Sleep Products Inc. Stabilizer for inner spring units. 2,826,768, 3-18-58, Cl. 5-351.
- Dreys, Gustav, to Eclipse Sleep Products, Inc. Border stabilizer. 2,826,769, 3-18-58, Cl. 5-351.
- Dreys, William P., to Esso Research and Engineering Co. Method of drying a fluid hydroforming catalyst. 2,858,279, 10-28-58, Cl. 252-417.
- Drexel, Charles F., to The Garrett Corp. Propellant feed system. 2,822,667, 2-11-58, Cl. 60-39.48.
- Drexel, Roger E., and J. R. McWhorter, to E. I. du Pont de Nemours and Co. Shaped body of porous silica particles and method for its production. 2,833,665, 5-6-58, Cl. 106-308.
- Drexler, John J.: *See*—
White, Kenneth M., Drexler, and Duckwall. 2,854,096.
- Drey, Norman W., to Miles Laboratories, Inc. Method of preserving and presenting a blood sample for analysis thereof. 2,863,733, 12-9-58, Cl. 23-230.
- Dreyer, Charles W.: *See*—
Lindelof, Leonard A., and Dreyer. 2,864,624.
- Dreyer, Everett L.: *See*—
Koch, Jerry C., Holz, and Dreyer. 2,837,076.
- Dreyer, Helmut, and L. Burkhard, to P. Gossen & Co. G. m. b. H. Contact device. 2,831,942, 4-22-58, Cl. 200-110.
- Dreyer, John A., to Benner Nowman, Inc. Article transfer mechanism. 2,844,263, 7-22-58, Cl. 214-1.
- Dreyer, William A., Jr., and J. J. Seligman. Feeding device. 2,840,276, 6-24-58, Cl. 222-185.
- Dreyer, William H.: *See*—
Duncan, James K., Doerner, and Dreyer. 2,857,825.
- Dreyfus, Jean A. Dynamic indicators. 2,842,421, 7-8-58, Cl. 346-116.
- Dreyfus, Ludwig, to Allmanna Svenska Elektriska Aktiebolaget. Polyphase sitring winding. Re. 24,462, 4-22-58, Cl. 13-26.
- Dreyfus, Ludwig, to Allmanna Svenska Elektriska Aktiebolaget. Cross-field furnace having auxiliary poles without coils. 2,832,877, 4-29-58, Cl. 219-10.67.

- Dreyfus, Ludwig, to Allmänna Svenska Elektriska Aktiebolaget. Low frequency induction furnace. 2,839,652, 6-17-58, Cl. 219—10.75.
- Dreyfus, Marc G., L. O. Upton, and H. Jupnik, to American Optical Co. Light altering means and method of making the same. 2,854,349, 9-30-58, Cl. 117—33.3.
- Dreyfuss, Paul: *See*—
Hanhart, Walter, and Dreyfuss. 2,831,849.
- Dreyfuss, Paul D., to Toms River-Cincinnati Chemical Corp. Process for the preparation of meta dialkylaminobenzoic acids. 2,824,127, 2-18-58, Cl. 260—518.
- Dreyfuss, Paul D. P.: *See*—
Gaspar, Bela, and Dreyfuss. 2,844,574.
- Dreyfuss, Robert G.: *See*—
Arrandale, Roy S., and Dreyfuss. 2,827,440.
- Driebehaus, Herman W., to Goodman Mfg. Co. Mining apparatus and automatic feed control therefor. 2,841,379, 7-1-58, Cl. 262—19.
- Dries, Jerome F., and C. W. Kuhn, to Cutler-Hammer, Inc. Electric switch units. 2,829,216, 4-1-58, Cl. 200—87.
- Drieschman, Donald F., A. A. Goldfinger, and S. F. Mitchell, to Eitel-McCullough, Inc. Klystron apparatus. 2,837,686, 6-3-58, Cl. 315—5.46.
- Drigot, Stanley W., J. M. Lebolt, L. I. Minow, and A. H. Reynolds, to The Cromwell Paper Co. Corrosion inhibitor. 2,837,432, 6-3-58, Cl. 106—14.
- Drill Carrier Corp.: *See*—
Burruss, John W. 2,842,340.
- Drill Development Co.: *See*—
Bergstrom, Frank S. 2,861,326.
- Drilling Research, Inc.: *See*—
Wise, Royd A., Cooper, and Thompson. 2,858,108.
- Drinjak, John P.: *See*—
Corbin, Milford H., Lippe, Yater, Goodwin, Drinjak, and Squire. 2,848,019.
- Drinkard, Russell D.: *See*—
Buckley, Jay S., Jr., Drinkard, and Thomas. 2,831,000.
- Buckley, Jay S., Jr., Drinkard, and Thomas. 2,850,508.
- Drinkard, William E.: *See*—
Carpentier, Melbourne L., and Drinkard. 2,833,254.
- Drinkwater, Donald J.: *See*—
Meisel, George M., Gribble, and Drinkwater. 2,846,070.
- Drinkwater, William D.: *See*—
Van Aken, Ray W., and Drinkwater. 2,851,950.
- Driscoll, Robert K., to Burroughs Corp. Glow indicating tube. 2,833,949, 5-6-58, Cl. 313—109.5.
- Driscoll, William C. Dog collar. 2,859,732, 11-11-58, Cl. 119—106.
- Driscoll, William T.: *See*—
Davis, Thomas L., Driscoll, and Griffin. 2,835,578.
- Driscoll Wire Co., The: *See*—
Richardson, William H., and Kovaleski. 2,849,195.
- Drisko, Leroy J. Portable home garment bagger. 2,830,418, 4-15-58, Cl. 53—241.
- Drissner, Alfred E., and A. C. Cordray, to The National Acme Co. Tool turret indexing mechanism. 2,833,023, 5-6-58, Cl. 29—37.
- Drissner, Alfred E., and R. Beacom, The National Acme Co. Chuck mechanism. 2,859,042, 11-4-58, Cl. 279—108.
- Driver, Garth E., to United States of America, Atomic Energy Commission. Transistor high voltage power supply. 2,843,815, 7-15-58, Cl. 321—2.
- Driver, George W., to Imperial Chemical Industries Ltd. Preparation of thioethyl isophthalates. 2,826,600, 3-11-58, Cl. 260—455.
- Driver-Harris Co.: *See*—
Hunter, Matthew A. 2,859,264.
- Marsh, Peter R. 2,839,396.
- Marsh, Peter R. 2,864,694.
- Driver, Wallace J., to Federal Electric Products Co. Means to minimize fusing of circuit breaker contacts. 2,833,897, 5-6-58, Cl. 200—166.
- Driver, Wilbur B., Co.: *See*—
Starr, Carol D., and Daly. 2,850,383.
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- Drivomatic (Société à Responsabilité Limitée): *See*—
Hardy, Rene J., and Le Port. 2,824,242.
- Drobish, Adolph E., and L. M. Hibben, to Western Electric Co., Inc. Testing apparatus. 2,851,656, 9-9-58, Cl. 324—34.
- Drohniewski, Stephan J. Multiple-piece spinning top. 2,858,640, 11-4-58, Cl. 46—16.
- Droesch, Frank A.: *See*—
Chesney, Robert L. 2,819,931.
- Drogin, Robert: *See*—
Beach, Leland K., and Drogin. 2,863,900.
- Drohan, John H.: *See*—
Maturi, Vincent F., and Drohan. 2,859,122.
- Droitcour, Howard A.: *See*—
Droitcour, John M., and H. A. Seal. 2,822,227.
- Droitcour, John M., and H. A. Seal. 2,822,227, 2-4-58, Cl. 309—34.
- Dropkin, Israel. Safety device for automobiles. 2,837,176, 6-3-58, Cl. 188—1.
- Dros, Albert A.: *See*—
Rinia, Herre, den Haan, Dros, and Van Weenen. 2,824,430.
- Droschel Helmut: *See*—
Paschke, Hanns-Dieter, and Droschel. 2,852,014.
- Drost, Wilfred, and R. W. Kebler, to Union Carbide Corp. Synthetic uncrystalline bodies and methods for making same. 2,852,890, 9-23-58, Cl. 49—77.
- Drouot L'Hermine, Jean, to Etablissements Pylot. Parking time register. 2,845,120, 7-29-58, Cl. 161—15.
- Drown, David P.: *See*—
Yeo, Ernest E., Drown, and O'Brien. 2,836,313.
- Dru, Marcel, to Preparation Industrielle des Combustibles. Apparatus for filtering gas. 2,850,112, 9-2-58, Cl. 183—58.
- Druck, Milton G., to Plastimayd Products Corp. Air mattress. 2,842,783, 7-15-58, Cl. 5—348.
- Druey, Jean, to Ciba Pharmaceutical Products, Inc. Method for the preparation of 3:6-dihydrazinopyridazine. 2,838,513, 6-10-58, Cl. 260—250.
- Druey, Jean, and P. Schmidt, to Ciba Pharmaceutical Products, Inc. 6-alkoxy-5-cyano-pyridazines. 2,833,766, 5-6-58, Cl. 260—250.
- Druey, Jean, and P. Schmidt, to Ciba Pharmaceutical Products, Inc. Manufacture of new hydrocinnolones. 2,835,672, 5-20-58, Cl. 260—250.
- Druey, Jean, and P. Schmidt, to Ciba Pharmaceutical Products, Inc. Pyridazone compounds and process of making same. 2,839,532, 6-17-58, Cl. 260—250.
- Druey, Jean, and K. Meier, to Ciba Pharmaceutical Products, Inc. New pyridazone compounds. 2,857,384, 10-21-58, Cl. 260—268.
- Druey, Jean, and P. Schmidt, to Ciba Pharmaceutical Products, Inc. New aminobenzene sulfonamide. 2,858,309, 10-28-58, Cl. 260—239.65.
- Druge, Dan O. Air supply line chuck. 2,837,350, 6-3-58, Cl. 284—18.
- Drugmand, Lester D., and M. Williams, to Edwin L. Wiegand Co. Electric heaters. 2,846,536, 8-5-58, Cl. 201—67.
- Drukker, Alexander E.: *See*—
Biel, John H., and Drukker. 2,834,779.
- Drukker, Emanuel A.: *See*—
Beets, Muus G. J., and Drukker. 2,823,238.
- Beets, Muus G. J., and Drukker. 2,824,144.
- Dullard, Lee. Appointment filing system. 2,852,279, 9-16-58, Cl. 283—63.
- Drum, Harry R., and M. L. Thompson. Road scraper. 2,828,556, 4-1-58, Cl. 37—15.4.
- Drumney, John F., to Morganite Inc. Multiple contact current collector. 2,847,521, 8-12-58, Cl. 191—58.
- Drumme, John F., to Morganite Corp. Positive pressure current collector. 2,864,908, 12-16-58, Cl. 191—59.1.
- Drummond, Bardwell S., 50% to G. C. Taylor. Hoist. 2,855,072, 10-7-58, Cl. 187—10.
- Drummond, Carl N., to F. I. du Pont de Nemours and Co. Splicing machine. 2,855,022, 10-7-58, Cl. 154—42.1.
- Drummond, Edward L.: *See*—
Drummond, Louis E., E. L., and R. J. 2,840,915.
- Drummond, Folsom E., to The Commonwealth Engineering Co. of Ohio. Process for making alloys. 2,826,494, 3-11-58, Cl. 75—122.
- Drummond, Folsom E., to The Commonwealth Engineering Co. of Ohio. Process of gas plating an article with light metal. 2,843,506, 7-15-58, Cl. 117—107.
- Drummond, Folsom E., to The Commonwealth Engineering Co. of Ohio. Gas plating silicone treated fibers. 2,847,322, 8-12-58, Cl. 117—71.
- Drummond, Folsom E., to The Commonwealth Engineering Co. of Ohio. Method of making metallized fibers. 2,862,783, 12-2-58, Cl. 18—54.
- Drummond, Folsom E., and L. J. Novak, to The Commonwealth Engineering Co. of Ohio. Tire cords and fabrics and tires including the same. 2,839,119, 6-17-58, Cl. 152—359.
- Drummond, John D. Power operated plastering trowels. 2,836,056, 5-27-58, Cl. 72—136.
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- Drummond, Joseph E., and K. E. Guritz, to Kaiser Aluminum & Chemical Corp. Dredge top dispenser nestable with like containers. 2,833,452, 5-6-58, Cl. 222—555.
- Drummond, Joseph W. Latching and locking device for a collapsible supporting leg structure. 2,833,063, 5-6-58, Cl. 38—121.
- Drummond, Louis E., E. L., and R. J. Apparatus for determining the percentage of red cells in a blood specimen. 2,840,915, 7-1-58, Cl. 33—125.
- Drummond, Robert J.: *See*—
Drummond, Louis E., E. L., and R. J. 2,840,915.
- Drummond, Warren W., to Owens-Corning Fiberglass Corp. Method and means for packaging a continuous strand. 2,854,731, 10-7-58, Cl. 28—21.
- Drummond, Warren W., W. R. Steitz, and P. J. Frickert, to Owens-Corning Fiberglass Corp. Process for packaging continuous strand. 2,834,092, 5-13-58, Cl. 28—72.
- Drummond, Warren W., and W. R. Steitz, to Owens-Corning Fiberglass Corp. Method for packaging a continuous strand. 2,863,208, 12-9-58, Cl. 28—72.
- Drummondville Cotton Co., Ltd.: *See*—
Needham, Edward R., and Johnson. 2,823,576.
- Drury, Robert W., to Lockheed Aircraft Corp. Device for observing refractive index variations. 2,851,921, 9-16-58, Cl. 88—14.
- Druschel, Edward F., and W. A. Scanga, to Aircraft Armaments, Inc. Detachable coupling device with alignment means. 2,862,728, 12-2-58, Cl. 285—24.
- Drutowski, Richard C., to General Motors Corp. Antifriiction bearing. 2,854,299, 9-30-58, Cl. 308—200.
- Druz, Walter S.: *See*—
Morris, George V., Roschke, Druz, and Miller. 2,843,656.

- Druz, Walter S., to Zenith Radio Corp. Trigger steering circuit arrangement. 2,864,952, 12-16-58, Cl. 250-27.
- Druz, Walter S., and E. M. Roschke, to Zenith Radio Corp. Subscription television system. 2,847,500, 8-12-58, Cl. 178-5.1.
- Druz, Walter S., and E. M. Roschke, to Zenith Radio Corp. Subscription color television system. 2,853,544, 9-23-58, Cl. 178-5.1.
- Drybread, Berniece L.: *See—*
- Drybread, John S., Sr. 2,863,478.
- Drybread, John S., Sr., $\frac{1}{2}$ to B. L. Drybread. Corn cutter. 2,863,478, 12-9-58, Cl. 146-4.
- Drynan, John E. Toy vortex gun. 2,846,996, 8-12-58, Cl. 124-1.
- Drysdale, John J., to E. I. du Pont de Nemours and Co. 1,1,2,2-Tetrafluorocycloheptadienes. 2,819,320, 1-7-58, Cl. 260-648.
- Drysdale, John J., to E. I. du Pont de Nemours and Co. Tetrafluorocarbonyl compounds. 2,831,025, 4-15-58, Cl. 260-539.
- Drysdale, John J., to E. I. du Pont de Nemours and Co. Fluorocyclohexene derivatives. 2,861,095, 11-18-58, Cl. 260-464.
- Dualox Corp.: *See—*
- Pratt Haraden. 2,859,277.
- Dual-Lite Co., Inc.: *See—*
- Ippolito, Carmelo. 2,864,005.
- Dubay, Barbara R. and E. J. Platforms to be connected to water closet bowls. 2,851,697, 9-16-58, Cl. 4-254.
- Dubay, Eugene J.: *See—*
- Dubay, Barbara R. and E. J. 2,851,697.
- Dubbs, Arthur C.: *See—*
- Bowman, Robert S., Dubbs, and Hedenburg. 2,829,175.
- Dubbs, Arthur C., and D. R. Stevens, to Gulf Research & Development Co. Purification process. 2,862,976, 12-2-58, Cl. 260-619.
- Dubbs, Carbon C. Method of molding articles from liquid suspensions. 2,850,786, 9-9-58, Cl. 25-155.
- Dube, John E.: *See—*
- Wolfsau, Joseph G., and Dube. 2,826,215.
- Dube, John E., J. G. Wolfsau, and L. S. Houghton, to Alco Valve Co. Heat motor valve. 2,833,507, 5-6-58, Cl. 251-11.
- Dube, Stephen A.: *See—*
- Klein, William J., and Dube. 2,866,544.
- Duben, Zdenek, $\frac{1}{2}$ to Výzkumný ústav svarovacích strojů a technologie svarování. Process of depositing molten metal from metal electrodes on to a metallic body, particularly a process for electric welding. 2,832,880, 4-29-58, Cl. 219-73.
- Dubilier, Philip. Sonic vibration detection apparatus. 2,851,527, 9-9-58, Cl. 179-1.
- Dubiner, Samuel: *See—*
- Gussoni, Angelo. 2,853,736.
- Dubitsky, Joseph B. Toy. 2,860,799, 11-18-58, Cl. 214-358.
- Dubitzy, Michael, to Texas Gulf Sulphur Co. Means for heating sea water. 2,856,074, 10-14-58, Cl. 210-175.
- Dublin, James R., III: *See—*
- Tausch, Gilbert H., and Dublin. 2,855,952.
- Dubois, André, to Compagnie Generale de Telegraphie Sans Fil. Multi-cavity resonant circuits. 2,851,633, 9-9-58, Cl. 315-39.61.
- Du Bois Co., Inc., The: *See—*
- Farison, Robert E. 2,832,366.
- Du Bois, Edgar H.: *See—*
- Fowlie, Wallace R., Tregay and Du Bois. 2,865,289.
- Mazzio, Anthony J., Niesen, Engelstad, and Du Bois. 2,821,910.
- Du Bois, Edwin R. Small weapons noise simulator. 2,836,919, 6-3-58, Cl. 42-57.
- Du Bois, Eliot: *See—*
- Saunderson, Jason L., and Du Bois. 2,837,959.
- Dubois, Jean: *See—*
- Goubilin-Korsten, Roger O., and Dubois. 2,837,722.
- Du Bois, Robert C., to Minneapolis-Honeywell Regulator Co. Pilot valve. 2,825,354, 3-4-58, Cl. 137-85.
- Du Bois, Robert C., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,827,068, 3-18-58, Cl. 137-85.
- Du Bois, Robert C., to Minneapolis-Honeywell Regulator Co. Pressure dividing apparatus. 2,840,096, 6-24-58, Cl. 137-86.
- Dubois, Robert C., to Minneapolis-Honeywell Regulator Co. High speed control apparatus. 2,851,049, 9-9-58, Cl. 137-86.
- Du Bois, Robert E. Resistor mounting structure. 2,839,648, 6-17-58, Cl. 201-69.
- Du Bois, William H., to Bendix Aviation Corp. Fairing scoop for aircraft wheel. 2,822,997, 2-11-58, Cl. 244-111.
- Dubois de la Sablonier, Jacques C. L. Ski attaching device. 2,858,138, 10-28-58, Cl. 280-11.35.
- Du Broff, Warren. Sequence voltage control system and method. 2,842,716, 7-8-58, Cl. 315-295.
- Dubrovín, John, to W. M. Welch Mfg. Co. Hydraulic variable speed drive device. 2,849,863, 9-2-58, Cl. 60-53.
- Du Brow, Paul L.: *See—*
- Marsh, Byron E., Du Brow, Betcher, Smith, and Cizek. 2,851,344.
- Marsh, Byron E., Du Brow, Betcher, Smith, and Cizek. 2,851,345.
- Schubert, Elliott N., Du Brow, and Betcher. 2,852,354.
- Du Brow, Paul L., and F. W. Smith, to Armour and Co. N-substituted trimethylene diamine-N'-alkanol acids, salts and esters. 2,840,600, 6-24-58, Cl. 260-501.
- Dubs, Gustav: *See—*
- Wiget, Georg, and Dubs. 2,836,202.
- Dubuar, Arthur S., to Bell Telephone Laboratories, Inc. Pulse repeating with automatic compensation for high and low resistance loops. 2,846,509, 8-5-58, Cl. 179-16.
- Dubucque, Charles J., to J. I. Case Co. Adjustable support for an implement. 2,865,658, 12-23-58, Cl. 280-475.
- Duby, Albert E. Gas or pneumatically actuated deep well pump. 2,849,963, 9-2-58, Cl. 103-235.
- Duca, Frank J., and W. E. Phipps. Telephone dialing and code transmitting system. 2,866,850, 12-30-58, Cl. 179-5.
- Ducamp, André, and M. den Hertog, to International Standard Electric Corp. Electrical connecting circuits. 2,862,060, 11-25-58, Cl. 179-18.
- Ducati, Adriano C., to G. M. Giannini & Co., Inc. Double-throw magnetically operated sealed switch. 2,840,660, 6-24-58, Cl. 200-87.
- Ducati, Adriano C., to G. M. Giannini & Co., Inc. Magnetic switch device. 2,840,661, 6-24-58, Cl. 200-87.
- Duchacek, Charles F., to Socony Mobil Oil Co., Inc. Stabilized paraffin wax. 2,827,387, 3-18-58, Cl. 106-270.
- Duchacek, Charles F., to Socony Mobil Oil Co., Inc. Stabilized hydrocarbon waxes. 2,860,064, 11-11-58, Cl. 106-268.
- Duchacek, Charles F., to Socony Mobil Oil Co., Inc. Stabilized petroleum wax. 2,860,065, 11-11-58, Cl. 106-270.
- Duché, Charles E.: *See—*
- Ruding, George H., and Duché. 2,854,722.
- Duchess Jewelry Mfg. Corp.: *See—*
- Napoli, Frederick W., and Pompeo. 2,848,865.
- Pompeo, Louis, and Szeplin. 2,848,864.
- Ducklo, Robert L., to The Louis G. Freeman Co. Means for forming laced leather members. 2,850,750, 9-9-58, Cl. 12-51.
- Duckwall, Paul, III: *See—*
- White, Kenneth M., Drexler, and Duckwall. 2,854,096.
- Duckworth, James: *See—*
- Billing, Alfred G., and Duckworth. 2,865,407.
- Ducon Co., Inc.: *See—*
- Held, Hans J., and Weits. 2,838,062.
- Held, Hans J., and Weits. 2,838,065.
- Weits, John, and Held. 2,838,063.
- Duc-Pac, Inc.: *See—*
- Swett, Russell F. 2,847,034.
- Swett, Russell F. 2,860,536.
- Duda, William J. Thread forming apparatus. 2,858,720, 11-4-58, Cl. 80-6.
- Dudenhause, Hans J., to Intavex, Inc. Acceleration measuring apparatus. 2,819,052, 1-7-58, Cl. 264-1.
- Dudenhause, Hans J., to Intavex, Inc. Integrating turn indicator. 2,820,303, 1-21-58, Cl. 33-222.
- Dudenhause, Hans J., to Intanex, Inc. Rotary current-inverter for three-phase motors. 2,831,154, 4-15-58, Cl. 318-231.
- Dudenhause, Hans J., to Intavex, Inc. Control system. 2,846,632, 8-5-58, Cl. 318-257.
- Dudenhause, Hans J., to Intavex, Inc. Plural axis dynamometer. 2,866,333, 12-30-58, Cl. 73-141.
- Dudineck, Emery, to Purolator Products, Inc. Center tubes for filters. 2,843,269, 7-15-58, Cl. 210-437.
- Dudish, Alice M.: *See—*
- Plumley, Glenn V., Stevens, and Dudish. 2,849,758.
- Dudley, James R., and P. Adams, to American Cyanamid Co. Composition comprising a copolymer of methylol diallylmelamine and an organic ester of acrylic acid and method of preparing. 2,829,119, 4-1-58, Cl. 260-45.2.
- Dudley, John S., to Whitin Machine Works. Drawing frame needle bar mechanism. 2,847,718, 8-19-58, Cl. 19-130.
- Dudley, John S., to Whitin Machine Works. Drawing roll clearer. 2,858,575, 11-4-58, Cl. 19-139.
- Dudley, John S., W. J. Langlois, and J. H. L. Roy, to Whitin Machine Works. Drawing frame and clearer system therefor. 2,862,249, 12-2-58, Cl. 19-139.
- Dudley, Michael D., to Hazeltine Research, Inc. Electrostatic focusing system. 2,825,837, 3-4-58, Cl. 313-82.
- Dudley, Randolph, to Altofer Bros. Co. Control timer. 2,854,855, 10-7-58, Cl. 74-405.
- Dudley, William G., and B. F. Poetker, to The Dow Chemical Co. Chlorine analyzer. 2,850,640, 9-2-58, Cl. 250-43.5.
- Dudley, William G., and W. F. Gerdes, to The Dow Chemical Co. Method for determining argon. 2,854,625, 9-30-58, Cl. 324-33.
- Dudzík, Chester J., and B. E. Quinn, to United States of America, Army. Methods and apparatus for checking straightness of bores. 2,847,900, 8-19-58, Cl. 88-14.
- Duefrene, George. Ball-type writing tip. 2,834,321, 5-13-58, Cl. 120-42.4.
- Dueker, Stanley T., to Wagner Electric Corp. Integrated oil separating system for gas compressors. 2,864,461, 12-16-58, Cl. 183-41.
- Duell, Hiram E. Electrically operated fishing reel. 2,866,291, 12-30-58, Cl. 43-21.
- Duell, Morgan V., to Scovill Mfg. Co. Covered button. 2,832,117, 4-29-58, Cl. 24-113.
- Duemler, Robert F., to Crown Cork & Seal Co., Inc. Container. 2,860,814, 11-18-58, Cl. 220-60.

- Duenke, Clarence G.: *See*—
Davis, Charles A., and Duenke. 2,854,997.
- Duennieber, Fred C.: *See*—
Minsk, Louis M., and Duennieber. 2,852,381.
- Duennenberger, Max, F. Ackermann, and A. Siegrist, to Ciba Ltd. Process for the manufacture of α,β -di-3-[aryloxazoly-(2)]-ethylene compounds. 2,842,545, 7-8-58, Cl. 260—240.
- Dueringer, Erwin G., to A. O. Smith Corp. Storage vessel. 2,852,110, 9-16-58, Cl. 189—3.
- Duerkob, Manfred F., to McGraw-Edison Co. Protectors for electric circuits. 2,854,549, 9-30-58, Cl. 200—133.
- Duerksen, Arnold, to Super Mold Corp. of California. Rim centering device for tire retreading molds. 2,865,049, 12-23-58, Cl. 18—18.
- Duerr, Robert J. Stand. 2,842,373, 7-8-58, Cl. 280—47.19.
- Duesenberg, Denny D., to Ford Motor Co. Valve stem seal. 2,842,102, 7-15-58, Cl. 123—188.
- Duetsche Tafelglas Akt.: *See*—
Thum, Rudolf, Ramsauer, and Kilian. 2,849,837.
- Duff, Jack E., to The Hoover Co. Dust receptacle. 2,823,761, 2-18-58, Cl. 183—51.
- Duff, Jack E., to The Hoover Co. Surface cleaning tool. 2,850,757, 9-9-58, Cl. 15—359.
- Duff, Jack E. Motion and power transmitting device. 2,850,914, 9-9-58, Cl. 74—458.
- Duff, Jack E., to The Hoover Co. Flexible hose. 2,859,775, 11-11-58, Cl. 138—56.
- Duff, Jack E., and M. H. Ripple, to The Hoover Co. Litter lifting cleaning tool. 2,850,758, 9-9-58, Cl. 15—369.
- Duff-Norton Co.: *See*—
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- Duff, Richard A.: *See*—
Pacini, August J., Amster, and Duff. 2,828,316.
- Duffey, Dick: *See*—
Clark, Herbert M., and Duffey. 2,838,367.
Clark, Herbert M., and Duffey. 2,839,357.
- Duffield, Albert J., to Olin Mathieson Chemical Corp. Blanketing sheet material. 2,858,884, 11-4-58, Cl. 164—19.
- Duffield, Brainard. Sash construction. 2,845,154, 7-9-58, Cl. 189—78.
- Duffield, Robert B.: *See*—
Stoughton, Raymond W., and Duffield. 2,856,261.
- Duffield, Robert B., to United States of America, Atomic Energy Commission. Process for separation of heavy metals. 2,832,793, 4-29-58, Cl. 260—429.1.
- Duffield, Robert B., to United States of America, Atomic Energy Commission. Sulfide method plutonium separation. 2,847,274, 8-12-58, Cl. 23—14.5.
- Duffield, Stanley H., to Eastman Kodak Co. Photoconductive cells and process for manufacturing same. 2,852,648, 9-16-58, Cl. 201—63.
- Duffield, William A. Transmission. 2,828,651, 4-1-58, Cl. 74—730.
- Duffin, George F.: *See*—
Kendall, John D., and Duffin. 2,845,418.
- Duffing, Paul, to Siemens-Schuckertwerke Akt. Trigger mechanism for circuit breakers. 2,849,571, 8-26-58, Cl. 200—109.
- Duffy, Dan W.: *See*—
Schumacher, John N. 2,855,283.
- Duffy, Edward F., to La Crosse Trailer Corp. Tractor-trailer drawbar couplings. 2,822,945, 2-11-58, Cl. 214—505.
- Duffy, John M., to Bomac Laboratories Inc. Rotatable resonant iris. 2,834,949, 5-13-58, Cl. 333—98.
- Duffy, John R., and A. W. Lillienberg, to Lindberg Engineering Co. Industrial furnace with removable combustion tubes. 2,849,220, 8-26-58, Cl. 263—42.
- Duffy, Thomas I., to E. M. Benedict. Pedal for foot propelled vehicles. 2,866,358, 12-30-58, Cl. 74—594.4.
- Duffy, Thomas I., to E. M. Benedict. Bicycle kick stand. 2,866,654, 12-30-58, Cl. 280—301.
- Duffy, Thomas I., to E. M. Benedict. Steering construction for bicycles and the like. 2,866,657, 12-30-58, Cl. 287—54.
- Duffy, William B.: *See*—
Sistlik, Ivan, and Duffy. 2,837,955.
- Duffy, William W. Hub clamping mechanism. 2,827,316, 3-18-58, Cl. 287—52.
- Dufour, Charles, to Compagnie Generale de Telegraphie Sans Fil. Post acceleration grid devices. 2,837,689, 6-3-58, Cl. 315—14.
- Dufour, Claude: *See*—
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Buzas, André, Dufour, and Roy. 2,827,465.
- Dufraisne, Charles, A. Etienne, and E. Toromanoff, to l'Etat Français, Societe d'Electrochimie, d'Electrometallurgie et des Acieries Electriques d'Ugine, and l'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Process for the manufacture of hydrogen peroxide. 2,862,794, 12-2-58, Cl. 23—207.
- Dugall, John T., C. M. Frederickson, E. D. Holman, and R. L. Wohlforth, to Kaiser Aluminum & Chemical Corp. Forming device for insulated wire. 2,826,782, 3-18-58, Cl. 18—13.
- Dugan, John W., to Flo-Mix Fertilizers Corp. Applicator foot for soil treatment with ammonia. 2,843,066, 7-15-58, Cl. 111—7.
- Dugan, John W., to Flo-Mix Fertilizers Corp. Apparatus for mixing ammonia with water and for introducing the mixture into the soil. 2,843,067, 7-15-58, Cl. 111—7.
- Dugan, John W., to Flo-Mix Fertilizers Corp. Fertilizer applicator attachment. 2,853,030, 9-23-58, Cl. 111—7.
- Dugan, Lester J. Hoist for anchor. 2,844,119, 7-22-58, Cl. 114—210.
- Dugas, Paul L., and J. M. Jacksy, to Colonial Broach and Machine Co. Fixture for use in metal working operations. 2,821,119, 1-28-58, Cl. 90—33.
- Duggan, Edward J.: *See*—
Soussloff, Dimitri G., Duggan, and Whiting. 2,825,118.
- Dugger, Ralph L.: *See*—
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- Dughi, John J.: *See*—
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- Dughi, John W.: *See*—
Delp, Elmer Z., and Dughi. 2,836,432.
- Dugliss, Charles H.: *See*—
Day, Harold M., Dugliss, and Miron. 2,822,343.
- Du Grenier, Francis C., and F. B. Perri; said Perri assignor to B. E. Bouchard. Vending machine. 2,853,174, 9-23-58, Cl. 19—54.
- Duguid, Howard Q., to Shell Development Co. Vessel with protective metal lining. 2,818,995, 1-7-58, Cl. 220—63.
- Duhnkrack, George B.: *See*—
McGovern, John D., and Duhnkrack. 2,822,340.
- Duhnkrack, George B., to American Cyanamid Co. Unsaturated polyester resin composition containing a polymerization promoter and process of making same. 2,822,344, 2-4-58, Cl. 260—45.4.
- Duhnkrack, George B., and C. R. Mills, to American Cyanamid Co. Polyester-vinyl monomer compositions containing amidino compound and asulphydryl compound and process for copolymerizing same. 2,822,345, 2-4-58, Cl. 260—45.4.
- Duinker, Simon, to North American Philips Co., Inc. Magnetic memory device. 2,825,891, 3-4-58, Cl. 340—174.
- Duinker, Simon, to North American Philips Co., Inc. Ferro-magnetic core for use in a plurality of static magnetic triggers. 2,825,892, 3-4-58, Cl. 340—174.
- Duinker, Simon, D. Kleis, and W. K. Westmijze, to North American Philips Co., Inc. Device for reading magnetically recorded memory elements. 2,822,533, 2-4-58, Cl. 340—174.
- Duke, Edward D., to International Harvester Co. Variable pitch end wings for bulldozers. 2,841,897, 7-8-58, Cl. 37—143.
- Duke, Edward D., and J. R. Wilkinson, to International Harvester Co. Hydraulically operated pitch and tilt dozer. 2,827,717, 3-25-58, Cl. 37—144.
- Duke, Edward T., to Nicolet Industries, Inc. Coated cut-off saw for asbestos materials. 2,855,669, 10-14-58, Cl. 30—350.
- Duke, Marshall W.: *See*—
Rickert, Herbert B., Bozer, Montgomery, and Duke. 2,826,515.
- Duke, Marshall W., to The Dow Chemical Co. Process for raising the melting point of acetone-soluble copolymers. 2,846,415, 8-5-58, Cl. 260—73.
- Duke, Sam. Foot rest panel device. 2,841,208, 7-1-58, Cl. 155—171.
- Dukehart, Morton M., Jr.: *See*—
Klein, Clarence F., and Dukehart. 2,824,683.
- Dukes, Eugene J. Automatic sprinkler. 2,862,565, 12-2-58, Cl. 169—38.
- Dukes, Haydon H., to Phillips Petroleum Co. Spring mounted vertical pump support. 2,842,208, 7-8-58, Cl. 166—68.
- Dukes, Phillip J., to Vascoloy-Ramet Corp. Tool holder. 2,854,735, 10-7-58, Cl. 29—96.
- Dukeshire, Robert E.: *See*—
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- Duks, Karlis: *See*—
Hammell, Kemper M., and Duks. 2,845,108.
- Dulaney, Eugene L.: *See*—
McAleer, William, and Dulaney. 2,831,797.
- Dulaney, Eugene L., and W. McAleer, to Merck & Co., Inc. Microbial oxygenation of steroids at carbon No. 21. 2,819,200, 1-7-58, Cl. 195—51.
- Dulaney, Eugene L., and W. J. McAleer, to Merck & Co., Inc. Microbial oxygenation of steroids in the 21 position. 2,819,201, 1-7-58, Cl. 195—51.
- Dulaney, Eugene L., and W. J. McAleer, to Merck & Co., Inc. 17-hydroxylation of steroids by trichoderma viride. 2,863,806, 12-9-58, Cl. 195—51.
- Dulberg, Murray. Make-up stick holder. 2,834,458, 5-13-58, Cl. 206—56.
- Dulchinos, John: *See*—
Rehler, Kenneth M., and Dulchinos. 2,853,605.
- Dulfer, Elbert A. Lithography. 2,841,079, 7-1-58, Cl. 101—149.2.
- Dulin, Charles H., to Aluminum Co. of America. Brazing and heat treatment of aluminum base alloy castings. 2,821,495, 1-28-58, Cl. 148—21.91.
- Dullis, Edward J., and P. Payson, to Crucible Steel Co. of America. Substantially nickel-free austenitic and corrosion resisting Cr-Mn-N steels. 2,862,812, 12-2-58, Cl. 75—125.
- Dull, Marshall L., to Rotomatic, Inc. Vehicle shifting and parking device. 2,862,567, 12-2-58, Cl. 180—1.
- Dull, Raymond A., 1/2 to L. Pettengill, Jr. Lapsed time printer. 2,819,939, 1-14-58, Cl. 346—87.
- Dull, William B., to Kingston Products Corp. Rheostat switch. 2,826,663, 3-11-58, Cl. 201—48.
- Dulle, William J. Combination hanger and hoist assembly. 2,833,505, 5-6-58, Cl. 248—320.
- Dulock, Inc.: *See*—
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- Dulak, Stanley, L. P. Garvey, and C. H. Schamel, to General Motors Corp. Vehicle seat. 2,820,506, 1-21-58, Cl. 155-14.
- Du Mais, Leo J., to Da-Lite Screen Co., Inc. Foldable standard base structure. 2,864,577, 12-16-58, Cl. 248-171.
- Dumanowski, Ferdinand J., to J. I. Case Co. Quick attaching forage harvester. 2,841,943, 7-8-58, Cl. 56-16.
- Dumas, Albert, to Anciens Etablissements A. Savy Jeanjean & Cie, and Sté: Barker & Perkins Ltd. Conveyor means for confectionery moulds or other articles. 2,847,113, 8-12-58, Cl. 198-135.
- Dumas, Roger E., to American Machine & Foundry Co. Control mechanism for bowling pin spotting machine. 2,821,395, 1-28-58, Cl. 273-43.
- Dumas, Roger E., to American Machine & Foundry Co. Foul detecting and control mechanism. 2,852,765, 9-16-58, Cl. 340-258.
- Dumbauld, George K.: See—
- Morgan, Bryan E., and Dumbauld. 2,840,483.
- Dumke, Fred O.: See—
- Dumke, Willy G. and W. E. 2,831,075.
- Dumke, William E.: See—
- Dumke, Willy G. and W. E. 2,831,075.
- Dumke, Willy G., deceased, by F. O. Dumke, executor, and W. E. Dumke, to Switchcraft, Inc. Push button switches. 2,831,075, 4-15-58, Cl. 200-18.
- Dumler, Fred E. Door-operating mechanism. 2,832,589, 4-29-58, Cl. 268-62.
- Dumond, Roy L., to Westinghouse Electric Corp. Lead wire crimper for automatic stem machines. 2,831,508, 4-22-58, Cl. 140-71.5.
- Du Mont, Allen B., Laboratories, Inc.: See—
- Ault, Cyrus F. 2,823,275.
- Bang, Mogens W. 2,819,458.
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- Beste, Harold E. 2,838,667.
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- Cavanagh, Robert T., and Haines. 2,838,601.
- Du Mont, Allen B. 2,832,821.
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- Hesse, Henry R. 2,849,602.
- Huffman, Charles E. 2,815,618.
- Kasperowicz, Henry. 2,830,915.
- Koosman, Joseph G. 2,833,954.
- Maron, Meyer. 2,826,717.
- Palmer, Richard C. 2,819,017.
- Palmer, Richard C. 2,824,908.
- Reid, James H. 2,853,550.
- Sage, Stanley J. 2,834,254.
- Sanford, Emil. 2,829,291.
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- Slate, Matthew W. 2,832,892.
- Slate, Matthew W. 2,843,829.
- Tyminski, Walter V., and Hylas. 2,858,439.
- Du Mont, Allen B., to Allen B. Du Mont Laboratories, Inc. Dual image viewing apparatus. 2,832,821, 4-29-58, Cl. 178-7.5.
- Du Mont, Jerome B. C.: See—
- Bellomo, Andrea, and Du Mont. 2,846,858.
- Dumore Co., The: See—
- Steibel, James P. 2,825,427.
- Du Moulin, Albert E. Lifting and moving device. 2,840,346, 6-24-58, Cl. 254-10.
- Dumsha, Michael I. Grocery cart with child's seat. 2,856,194, 10-14-58, Cl. 280-33.99.
- Dunagan, Edgar L., L. P., and K. M. Lid-lifting device for trash cans. 2,862,683, 12-2-58, Cl. 248-147.
- Dunagan, Kenneth M.: See—
- Dunagan, Edgar L., L. P., and K. M. 2,862,683.
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- Dunagan, Edgar L., L. P., and K. M. 2,862,683.
- Dunay, Michael: See—
- Steinmann, Henry W., and Dunay. 2,849,443.
- Steinmann, Henry W., and Dunay. 2,861,038.
- Dunbar, Calvin D. Gate valve. 2,851,242, 9-9-58, Cl. 251-170.
- Dunbar, Calvin D. Gate valve. 2,855,175, 10-7-58, Cl. 251-196.
- Dunbar, Calvin D. Pipe joint having opposed packing grooves and sealing means therefor. 2,863,679, 12-9-58, Cl. 285-336.
- Dunbar, Ernest W., to Cambridge Rubber Co. Machine for molding rubber shoe-soles. 2,818,603, 1-7-58, Cl. 18-17.
- Dunbar, Ernest W., to Cambridge Rubber Co. Method of making rubber soles. 2,858,571, 11-4-58, Cl. 18-53.
- Dunbar Furniture Corp. of Indiana: See—
- Fosnaugh, Frederick G. 2,852,325.
- Dunbar Kapple, Inc.: See—
- Alltop, Ceril H., and Logsdon. 2,825,387.
- Finnegan, James F. 2,837,377.
- Metcalf, Irving R. 2,826,257.
- Dunbar, Willis: See—
- Robbins, Frederick O., Sweeder, Dunbar, and Wolke. 2,849,813.
- Robbins, Frederick O., Sweeder, Dunbar, and Wolke. 2,852,277.
- Duncan, Alan C.: See—
- Duncan, Theodore R. 2,837,340.
- Duncan, Angus W., to The Mining Engineering Co. Ltd. Endless belt trough conveyor. 2,821,290, 1-28-58, Cl. 198-191.
- Duncan, Angus W., to The Mining Engineering Co. Ltd. Conveyors. 2,838,164, 6-10-58, Cl. 198-191.
- Duncan, Angus W., to The Mining Engineering Co. Ltd. Conveyors. 2,854,127, 9-30-58, Cl. 198-191.
- Duncan, Angus W., to The Mining Engineering Co. Ltd. Roof supports for mine workings. 2,861,429, 11-25-58, Cl. 61-45.
- Duncan, Angus W., to The Mining Engineering Co. Ltd. Chain driven belt conveyors. 2,865,494, 12-23-58, Cl. 198-191.
- Duncan, Dwight A., to Appleton Electric Co. Materials handling apparatus. 2,822,099, 2-4-58, Cl. 214-317.
- Duncan, Elois E.: See—
- Duncan, Howard C. 2,842,114.
- Duncan, Garnett C.: See—
- Carlo, Re. Rice, Birkeland, Koozin, Duncan, and Kinda. 2,844,073.
- Reid, Charles M., Duncan, and Kinda. 2,832,265.
- Duncan, Golda A.: See—
- Duncan, Theodore R. 2,837,340.
- Duncan, Gordon W., W. E. Lifson, and J. P. Haworth, to Esso Research and Engineering Co. Dialkyl alkanol amines as anti-stalling additives. 2,840,461, 6-24-58, Cl. 44-72.
- Duncan, Howard C., deceased, E. E. Duncan, administratrix. Foldable crossbow. 2,842,114, 7-8-58, Cl. 124-25.
- Duncan, Ira J., to Detrex Chemical Industries, Inc. Cleaning composition and method. 2,836,566, 5-27-58, Cl. 252-137.
- Duncan, James G., and L. E. Trambley, to Research Laboratories, Inc. Oxygen dispensing device and nose piece combination. 2,860,634, 11-18-58, Cl. 128-206.
- Duncan, James K., E. H. Dörner, and W. H. Dreyer, to Cummins-Chicago Corp. Method of and apparatus for conditioning business machine cards and the like. 2,857,825, 10-28-58, Cl. 92-68.
- Duncan, Lloyd P. Means for filling a bulk milk container from one or more milk cans. 2,865,391, 12-23-58, Cl. 137-205.
- Duncan, Lonnie E.: See—
- Jacoby, Fred R., and Duncan. 2,830,537.
- Duncan, Lyle L., and D. H. Courter. Differential pressure liquid level and moisture control device. 2,854,993, 10-7-58, Cl. 137-406.
- Duncan, Neshit L.: See—
- Block, Alvin V., and Duncan. 2,852,636.
- Duncan, Norman E.: See—
- Arabian, Karekin G., and Duncan. 2,848,385.
- Duncan, Rea E., to Borg-Warner Corp. Louvered screen eyeglass. 2,824,308, 2-25-58, Cl. 2-14.
- Duncan, Robert P.: See—
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- Zink, John S., Jr., Duncan, Edwards, and Reed. 2,851,093.
- Duncan, Robert S., to Bell Telephone Laboratories, Inc. Adjustable inductor. 2,838,737, 6-10-58, Cl. 336-120.
- Duncan, Theodore R.: See—
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- Duncan, Theodore R., 24% to G. A. Duncan, 24% to T. B. Duncan, and 24% to A. C. Duncan. Mechanical sound reproducing device. 2,837,340, 6-8-58, Cl. 274-25.
- Duncan, Ward E. External turbine jet engine. 2,831,320, 4-22-58, Cl. 60-35.6.
- Duncan, William L., and G. H. Hutchens, to E. I. du Pont de Nemours and Co. Yarn defect monitor. 2,841,048, 7-1-58, Cl. 88-14.
- Duncan, William M. Bearing. 2,863,706, 12-9-58, Cl. 308-72.
- Duncan, William M. Incinerator. 2,862,463, 12-2-58, Cl. 110-170.
- Duncan, Wooten E.: See—
- Prickett, Thomas W., and Duncan. 2,839,328.
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- Dunckel, John F.: See—
- Lockerbie, Thomas E., Perryman, and Dunckel. 2,854,827.
- Dunegan, Harry C. Titanate rectifiers. 2,821,490, 1-28-58, Cl. 117-200.
- Dungan, Floyd F.: See—
- Prickett, Wilber W., and Dungan. 2,849,845.
- Dungler, Julian. Web guiding head. 2,835,490, 5-20-58, Cl. 271-2.6.
- Dungler, Julien. Apparatus for drying strip material. 2,862,305, 12-2-58, Cl. 34-63.
- Dungler, Julien. Bleaching method. 2,864,662, 12-16-58, Cl. 8-108.
- Dunham-Bush, Inc.: See—
- Ghai, Madan L., and Boling. 2,840,352.
- Ghai, Madan L., and Koren. 2,834,428.

- Dunham, Clayton O., to R. J. Ahlberg. Joist brace. 2,856,644, Cl. 20—5.
- Dunham, George W. Lay and pilot guide means. 2,833,315, 5-6-58, Cl. 139—188.
- Dunham, Irvie H. Arresting means for preventing overrun of revolving shaft. 2,832,443, 4-29-58, Cl. 188—83.
- Dunham, Irvie H., to Rae Motor Corp. Motor drive for dental tools. 2,839,696, 6-17-58, Cl. 310—89.
- Dunham, James A.: *See—*
- Boeke, Fred L., and Dunham. 2,849,760.
- Dunham, Kenneth R.: *See—*
- Williams, Jack L. R., and Dunham. 2,843,567.
- Dunham, Richard M., to Raytheon Mfg. Co. Phase discriminators. 2,859,347, 11-4-58, Cl. 250—36.
- Dunham, Richard M., and C. A. Segerstrom, to United States of America, Navy. Monostable multivibrator circuit for variable load impedances. 2,859,340, 11-4-58, Cl. 250—27.
- Dunham, Robert W., to General Electric Co. Circuit breaker with handle seal. 2,829,222, Cl. 200—168.
- Dunipace, Donald W., and J. M. Byal, to Libbey-Owens-Ford Glass Co. Apparatus for surfacing glass sheets. 2,865,142, 12-23-58, Cl. 51—120.
- Dunkelman, Arnold, to Avco Mfg. Corp. Integral evaporator and accumulator and method of operating the same. 2,827,774, 3-25-58, Cl. 62—126.
- Dunkelman, Robert L.: *See—*
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- Dunkelman, Robert L., to General Electric Co. Clothes dryer control. 2,851,788, 9-16-58, Cl. 34—45.
- Dunkelman, Robert L., to General Electric Co. Control system for clothes dryers. 2,851,789, 9-16-58, Cl. 34—45.
- Dunkelow, Henry J., to Twin Disc Clutch Co. Oil pressure actuated clutch. 2,837,192, 6-3-58, Cl. 192—85.
- Dunkin, Richard W. Masonry block cart. 2,818,988, 1-7-58, Cl. 214—384.
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- Dunklee, George D., Dorice M., and Donovan M. 2,852,258.
- Dunklee, George D., Dorice M., and Donovan M., to Allegan Products Co. Diving board. 2,852,258, 9-16-58, Cl. 272—65.
- Dunklee, Laurence H., to North American Aviation, Inc. Multivibrator. 2,857,515, 10-21-58, Cl. 250—27.
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- Dunlap, Arthur H. Joint tape. 2,850,404, 9-2-58, Cl. 117—44.
- Dunlap, Charles K., to Sonoco Products Co. Method of forming a textile carrier. 2,829,571, 4-8-58, Cl. 93—94.
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- Dunlap, James D., Jr. Fishing lure. 2,826,854, 3-18-58, Cl. 43—42,22.
- Dunlap, Kermit S., to Bell Telephone Laboratories, Inc. Magnetic core circuits. 2,846,668, 8-5-58, Cl. 340—174.
- Dunlap, Kermit S., to Bell Telephone Laboratories, Inc. Communication switching network. 2,859,283, 11-4-58, Cl. 179—18.
- Dunlap, Kermit S., and J. P. Taylor, to Bell Telephone Laboratories, Inc. Communication switching network. 2,859,282, 11-4-58, Cl. 179—18.
- Dunlap, Laurel E., to Zenith Plastics Co. Thickness router. 2,837,973, 6-10-58, Cl. 90—12.
- Dunlap, Lawrence H., to Armstrong Cork Co. Linoleum cements. 2,828,215, 3-25-58, Cl. 106—219.
- Dunlap, Lawrence H., and R. H. Reiff, to Armstrong Cork Co. Copolymers of aryl olefins and alpha beta ethylenically unsaturated carboxylic acid esters of oxidized tall oil esters. 2,819,234, 1-7-58, Cl. 260—22.
- Dunlap, Matthew E. Ventilated siding. 2,823,426, 2-18-58, Cl. 20—5.
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- Dunlop, Andrew P., and H. Schegulla, to The Quaker Oats Co. Production of tetrahydrofurfuryl alcohol. 2,838,523, 6-10-58, Cl. 260—347.8.
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- Dunn, Joseph S., to Monsanto Chemical Co. Purification of titanium tetrachloride. 2,819,147, 1-7-58, Cl. 23—87.
- Dunn, Paul A., Jr., $\frac{1}{2}$ to R. K. Gillen. Automobile drive control. 2,855,797, 10-14-58, Cl. 74—484.
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- Dunning, Leon T., to Union Carbide Canada Ltd. Apparatus for packaging envelopment. 2,843,984, 7-22-58, Cl. 53—184.
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- Dunphy, Claude and C. J. Protective coating composition. 2,838,414, 6-10-58, Cl. 106-282.
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- Benning, Anthony F., and Gladding. 2,843,569.
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- Chandler, Carroll F. 2,865,855.
- Chandler, Robert M. 2,825,938.
- Chapman, Aurelius F. 2,824,024.
- Cichelli, Mario T., and Gluckert. 2,859,155.
- Clare, Norval D., and Deyrup. 2,823,095.
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- Cleaver, Charles S. 2,833,822.
- Cleaver, Charles S. 2,853,531.
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- Cline, William E., De Lancey, and Engelbrecht. 2,835,452.
- Cobbs, Walter H., Jr. 2,819,985.
- Cole, Paul M. 2,826,479.
- Cole, Paul M. 2,831,525.
- Cole, Paul M. 2,865,446.
- Coleman, Walter F. 2,839,353.
- Cooper, Joseph H. 2,857,400.
- Cope, Arthur C., and Fisher. 2,849,449.
- Cornely, Richard W. 2,822,244.
- Covington, Robert A., Jr., and Waldin. 2,824,337.
- Cox, Norman L. 2,860,480.
- Cox, Norman L., and Nicoll. 2,852,333.
- Cramer, Richard D. 2,855,402.
- Crawford, Robert J., Engelhardt, and Holmquist. 2,840,608.
- Czerwin, Edward P. 2,844,563.
- D'Addieco, Alfred A. 2,847,421.
- Dalton, Richard L. 2,823,144.
- Dalton, Richard L., and Hauserman. 2,825,659.
- De Jong, Jan I. 2,866,770.
- Denison, Jack T., Edlin, and Whipple. 2,852,574.
- Deyrup, Alden J. 2,831,780.
- Deyrup, Alden J., and Ferron. 2,823,989.
- Deyrup, Alden J., Heiderich, and Wagoner. 2,861,870.
- Dixon, Stanley. 2,848,504.
- Drexel, Roger E., and McWhorter. 2,833,665.
- Drummond, Carl N. 2,855,022.
- Drysdale, John J. 2,819,320.
- Drysdale, John J. 2,831,025.
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- Duncan, William L., and Hutchens. 2,841,048.
- Dunn, Wendell E., Jr. 2,856,264.
- Dustman, Robert B., Jr. 2,860,945.
- Eaton, Russell B., and Winter. 2,825,642.
- Ehrich, Felix F. 2,820,796.
- Ehrich, Felix F. 2,833,784.
- Ehrich, Felix F., and Gottlieb. 2,833,783.
- Eiseman, Bernhardt J. 2,865,860.
- Elder, Richard O. 2,824,051.
- England, David C. 2,852,554.
- England, Richard J. 2,861,988.
- Estes, Leland L., Jr. 2,822,385.
- Etzel, Gastao. 2,825,710.
- Evans, Evan F. 2,821,458.
- Evans, John L. 2,849,409.
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- Fang, James C. 2,849,418.
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- Fay, Robert E., Jr. 2,843,502.
- Fields, Melvin, and Stevens. 2,865,928.
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- Fullhart, Lawrence, Jr. 2,828,207.
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 Peirce, George A. 2,820,697.
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 Durham, Edwin, to The Babcock & Wilcox Co. Method of power generation with divided gas flow over a superheater and a reheater and apparatus therefor. 2,830,440, 4-15-58, Cl. 60—73.
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- Durig, Rudolf, to J. R. Geigy, A.-G. Metallisable azo dye-stuffs and process for the production thereof. 2,856,396, 10-14-58, Cl. 260—146.
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- Durkin, Thomas F. Airborne missile dispenser. 2,820,397, 1-21-58, Cl. 80—1.5.
- Durkin, Thomas J. : *See—*
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- Durkoppwerke Aktiengesellschaft : *See—*
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- Durland, Philip C., to Bryant Chucking Grinder Co. Work-holder apparatus for axial clamping and radial loading of workpieces. 2,828,588, 4-1-58, Cl. 51—215.
- Durland, Philip C., to Bryant Chucking Grinder Co. Friction augments for internal grinding machines. 2,842,900, 7-15-58, Cl. 51—103.
- Durling, Albert T. Cleaning apparatus for photographic film negatives. 2,832,985, 5-6-58, Cl. 15—302.
- Duro Metal Products Co. : *See—*
Odum, William H., and Gracious. 2,841,289.
Odum, William H., and Hosford. 2,836,273.
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- Du Rocher, Gideon A., and G. L. Webb, to Essex Wire Corp. Directional turn signal. 2,835,879, 5-20-58, Cl. 340—74.
- Duro-Test Corp. : *See—*
Mackoud, Michel E. 2,838,713.
Schwing, Joseph, and Schiazzano. 2,838,707.
- Durrant, Charles W. Laryngoscope blade. 2,854,004, 9-30-58, Cl. 128—276.
- Durrwerke Akt. : *See—*
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- Durst, Charlie I., and H. Thompson. Drill attachment precision verifier. 2,822,615, 2-11-58, Cl. 33—46.
- Durst, George : *See—*
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- Durst, Kenneth R. : *See—*
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- Durst, Kenneth R., to The B. F. Goodrich Co. Hydraulic brake structure. 2,832,442, 4-29-58, Cl. 188—78.
- Durst, Robert F. : *See—*
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- Duryee, Philip A. Illumination control. 2,844,762, 7-22-58, Cl. 315—159.
- Dusenberry, John, Co., Inc. : *See—*
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- Dusenbury, Theodore P., to Burroughs Corp. Check shingling machine. 2,819,067, 1-7-58, Cl. 270—58.
- Du Shane, Wallace H., to Deere Mfg. Co. Hitch device. 2,844,083, 7-22-58, Cl. 97—46.93.
- Du Shane, Wallace H., to Deere Mfg. Co. Hitch device. 2,844,397, 7-22-58, Cl. 287—60.
- Du Shane, Wallace H., to Deere Mfg. Co. Control lever mounting or like connection. 2,849,892, 9-2-58, Cl. 74—524.
- Du Shane, Wallace H., to Deere & Co. Selective load and position control for agricultural tractor. 2,864,295, 12-16-58, Cl. 97—46.7.
- Dusseault, John L. Shipping and display container. 2,834,461, 5-13-58, Cl. 206—65.
- Dussek Brothers & Co. Ltd. : *See—*
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- Dussine, Roger R., to Societe d'Electronique et d'Automatisme. Circuits for the addition and subtraction of numbers. 2,844,308, 7-22-58, Cl. 235—61.
- Dussine, Roger R., to Societe d'Electronique et d'Automatisme. Electronic digital adder-subtractors. 2,853,234, 9-23-58, Cl. 235—61.
- Dussling, Fred A., to Baldwin-Lima-Hamilton Corp. Mounting for resilient press pads of polygonal cross-section. 2,840,025, 6-24-58, Cl. 113—44.
- Dussumier de Fonbrune, Pierre H., and P. A. Beaudouin. Apparatus for the control of displacements of fluid. 2,826,040, 3-11-58, Cl. 60—54.6.
- Dussy, Paul : *See—*
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- Dustin, Howard M., and E. E. Reynolds, to Marchant Calculators, Inc. Digital actuator clutch mechanism. 2,832,540, 4-29-58, Cl. 235—79.
- Dustman, Robert B., Jr., to E. I. du Pont de Nemours and Co. Bleaching cyanohydrated cotton fibers with hydrogen peroxide-phosphate solution and optionally with water-soluble sulfoxylate solution. 2,860,945, 11-18-58, Cl. 8—110.
- Dust-Tex Corp. : *See—*
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- Dutch, Emery. Photographic developing apparatus. 2,826,979, 3-18-58, Cl. 95—94.
- Dutcher, Ival G., to J. I. Case Co. Harrow rear-gang stabilizer. 2,852,901, 9-23-58, Cl. 55—83.
- Dutcher, James D. : *See—*
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- Dutcher, James D., and J. Vandeputte, to Olin Mathieson Chemical Corp. Nystatin purification. 2,865,807, 12-23-58, Cl. 167—65.
- Dutt, Trevor L., to The M-O Valve Co. Ltd. Gas filled electric discharge devices. 2,819,425, 1-7-58, Cl. 315—35.
- Dutton, John C., to General Electric Co. Gas piping connection for transformers. 2,823,247, 2-11-58, Cl. 174—14.
- Dutton, John C., to General Electric Co. High voltage bushing adapter. 2,849,528, 8-26-58, Cl. 174—152.
- Dutton-Lainson Co. : *See—*
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- Dutton, Leonard : *See—*
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- Dutton, Oscar B., to Hoffman Electronics Corp. Teletype-writer systems or the like. 2,844,650, 7-22-58, Cl. 178—051.
- Dutton, Warren A. : *See—*
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- Dutton, William : *See—*
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- Duty, John B. Crusher and grinding machine. 2,844,329, 7-22-58, Cl. 241—199.
- Duval, Bruce E., and R. S. Waddington. Fluid handling means. 2,842,291, 7-8-58, Cl. 222—332.
- Duval, Claiborne A., Jr. : *See—*
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- Duval, Ernest H., to The Gillette Co. Separable twin package. 2,855,135, 10-7-58, Cl. 229—27.
- Duval, Jean P., to M. A. Bunford. Centrifugal moulding machine. 2,838,815, 6-17-58, Cl. 22—65.
- Duval, Montague H., and C. M. Vitz, to Capitol Products Corp. Article transporting apparatus. 2,849,100, 8-26-58, Cl. 198—34.
- Duval Sulphur & Potash Co. : *See—*
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Bourne, Douglas J., and Harrison. 2,849,113.
- Duval, Marion R. Combined puppet stage and carrying case. 2,837,863, 6-10-58, Cl. 46—13.
- Duval, Walter J. Cylinder lock for sliding doors. 2,842,951, 7-15-58, Cl. 70—151.
- Duval, William C. : *See—*
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- Duve, Gustav A. : *See—*
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- Duvivier, Paul : *See—*
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- Dvorak, Emilio : *See—*
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- Dvorak, Howard A. : *See—*
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- Dvorak, Jaroslav : *See—*
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- Dvorak, Joseph : *See—*
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- Dwyer, F. W., Mfg. Co. : *See—*
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- Dwyer, James G., to F. W. Dwyer Mfg. Co. Anemometer. 2,838,932, 6-17-58, Cl. 73—189.
- Dwyer, Martin : *See—*
Ackerman, Joseph L., Jr., Edwards, Smith, Brundage, and Dwyer. 2,845,002.
- Dwyer, Orrington E., to United States of America, Atomic Energy Commission. Power generation from liquid metal nuclear fuel. 2,865,827, 12-23-58, Cl. 204—193.2.
- Dwyer, Thiel E., to Tholand, Inc. Method of producing lithium. 2,840,453, 6-24-58, Cl. 23—32.
- Dwyer, Thiel E., to Tholand, Inc. Production of lithium carbonate. 2,840,455, 6-24-58, Cl. 23—63.
- Dwyer, Walter M. Trash burners. 2,857,862, 10-28-58, Cl. 110—18.
- Dybalski, Jack N. : *See—*
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- Dye, Edward R., to Hickok Mfg. Co. Inc. Passenger safety belt kit for attachment to vehicles. 2,823,045, 2-11-58, Cl. 280—150.
- Dye, Edward R., J. M. Egly, and R. M. Bykowski, to United States of America, Army. Stabilizing chin strap. 2,846,683, 8-12-58, Cl. 2—3.
- Dyer, Allen L., to United States of America, Atomic Energy Commission. Peak reading voltmeter. 2,845,596, 7-29-58, Cl. 324—103.
- Dyer, Colver P. : *See—*
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- Dyer Corp. : *See—*
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- Dyer, Edwin M. Pin gauge. 2,853,787, 9-30-58, Cl. 33—174.
- Dyer, Franklin C., and F. J. Maclary, to Collins Radio Co. Single side band communication system using mechanical filters. 2,835,889, 5-20-58, Cl. 343—200.
- Dyer, James A. : *See—*
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- Dyer, John B., to General Motors Corp. Windshield wiper actuating mechanism. 2,827,793, 3-25-58, Cl. 74—75.
- Dyer, John B., to General Motors Corp. Windshield wiper mechanism. 2,832,226, 4-29-58, Cl. 74—75.
- Dyer, John B., to General Motors Corp. Windshield wiper mechanism. 2,855,784, 10-14-58, Cl. 74—70.
- Dyer, John B., and W. D. Harrison, to General Motors Corp. Coupling suitable for use with windshield wipers. 2,819,620, 1-14-58, Cl. 74—96.

- Dyer, John B., and P. H. Rutherford, to General Motors Corp. Windshield wiper apparatus. 2,827,653, 3-25-58, Cl. 15-253.
- Dyer, John B., and W. K. Schnepf, to General Motors Corp. Mechanical movement mechanism. 2,830,457, 4-15-58, Cl. 74-70.
- Dyer, John B., and W. D. Harrison, to General Motors Corp. Windshield wiper mechanism. 2,841,994, 7-8-58, Cl. 74-75.
- Dyer, John N., to Airborne Instruments Laboratory, Inc. Electrical storage system. 2,821,653, 1-28-58, Cl. 315-11.
- Dyer, Tom L., Jr., to Westinghouse Electric Corp. Spark gap device. 2,862,132, 11-25-58, Cl. 313-156.
- Dyk, Karl: *See*—
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- Dyke, Edwin, and H. Magnuski, to Motorola, Inc. Diversity receiving system. 2,860,238, 11-11-58, Cl. 250-20.
- Dykeman, David G., and E. J. Turgeon. Method of assembling and laying a floor covering. 2,824,036, 2-18-58, Cl. 154-116.
- Dykes, Carrel H.: *See*—
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- Dykstra, Bouwe, to Shell Development Co. Method of mining sulfur located underneath bodies of water. 2,850,271, 9-2-58, Cl. 262-3.
- Dykstra, Fred J., to Ethyl Corp. Process for removing nitrogen from petroleum hydrocarbons with an ester of a meta-boric acid. 2,862,879, 12-2-58, Cl. 208-254.
- Dylong, John: *See*—
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- Dymeck, Lewis G., to Hughes Aircraft Co. Wire stripping apparatus. 2,827,811, 3-25-58, Cl. 81-951.
- Dymon, Joseph J., to Sylvania Electric Products Inc. Titanate rectifiers. 2,820,184, 1-14-58, Cl. 317-236.
- Dymon, Joseph J., and E. B. Saubestre, to Sylvania Electric Products Inc. Titanate rectifiers. 2,851,405, 9-9-58, Cl. 204-42.
- Dymon, Joseph J., and B. E. Bartels, to Sylvania Electric Products Inc. Crystal rectifiers and method. 2,852,448, 9-16-58, Cl. 204-29.
- Dymasz, Tadeusz, and M. A. Burdin. Apparatus for the injection of molten thermoplastic material for moulding. 2,834,050, 5-13-58, Cl. 18-30.
- Dynamic Electronics-New York, Inc.: *See*—
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- Dynamics Corp. of America: *See*—
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- Pischke, Johannes, and Prinsing. 2,828,537.
- Dyrkacz, Wasil W., R. K. Pitler, and H. M. Butler, to Allegheny Ludlum Steel Corp. Austenitic alloys. 2,824,798, 2-25-58, Cl. 75-126.
- Dyson, Ernest F., to The Bristol Co. Pilot valve. 2,836,153, 5-27-58, Cl. 121-46.5.
- Dyson, John J., to The Parker Pen Co. Capillary reservoir elements. 2,855,898, 10-14-58, Cl. 120-50.
- Dzama, Michael. Method and apparatus for making nails from wire stock during continuous advance of said wire stock. 2,829,388, 4-8-58, Cl. 10-54.
- Dzenis, Visvaldis N. Apparatus for preparing cheese and the like. 2,840,909, 7-1-58, Cl. 31-46.
- Dzlergwa, Herbert, to Patent-Treuhand-Gesellschaft fur elektrische Gluhlampen m. b. H. Electronic flash lamps. 2,831,152, 4-15-58, Cl. 315-325.
- Dzus Fastener Co., Inc.: *See*—
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- Dzvonik, Mike. Extensible trailer. 2,838,192, 6-10-58, Cl. 214-506.
- Dzwonkas, Anthony F.: *See*—
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- ETS, Garnier & Fils: *See*—
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- Eades, Marion K. Milking apparatus. 2,836,148, 5-27-58, Cl. 119-14.08.
- Eads, Charles L., to Adams Rite Mfg. Co. Lock mechanism for narrow stile doors. 2,854,839, 10-7-58, Cl. 70-139.
- Eads, Charles L., to Adams Rite Mfg. Co. Lock mechanism for sliding doors. 2,855,234, 10-7-58, Cl. 292-66.
- Eads, Harold O., and A. B. Exline, to McDonough Co., d. b. a. O. Ames Co. Chair. 2,845,993, 8-5-58, Cl. 155-148.
- Eads, James O.: *See*—
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- Eagan, William F., to Allis-Chalmers Mfg. Co. Nonlinear resistance bridge utilizing transformer providing time delay compensation. 2,825,864, 3-4-58, Cl. 321-19.
- Eagle Chemical Co.: *See*—
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- Schlesinger, Joseph H. 2,855,704.
- Eagle Lock Co., The: *See*—
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- Meyers, George L., Shutt, and Schriener. 2,825,365.
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- Hendricks, George D. 2,861,137.
- Hendricks, George D., Pearson, and Rambo. 2,826,752.
- Hendricks, George D., Pearson, and Rambo. 2,832,060.
- Kozikowski, Felix, and Pearson. 2,820,860.
- Eagles, Robert P., and J. P. Crowder, Jr., to Virginia-Carolina Chemical Corp. Bag valving and sleeving machine. 2,830,504, 4-15-58, Cl. 93-8.
- Eaker, Charles M., to Monsanto Chemical Co. Manufacture of trichloroacetic acid. 2,832,803, 4-29-58, Cl. 260-539.
- Eakin, Bert E., and R. T. Ellington, to The Institute of Gas Technology. Separation of nitrogen from methane. 2,823,523, 2-18-58, Cl. 62-175.5.
- Eames, Charles, to Herman Miller Furniture Co. Folding sofa. 2,831,528, 4-22-58, Cl. 155-156.
- Eames, James O.: *See*—
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- Eames, James O., to United States of America, Army. Hydraulic feeding mechanism for a firearm. 2,858,739, 11-4-58 Cl. 89-33.
- Eames, James O., and C. H. Taylor, to The Michaels Art Bronze Co., Inc. Parking meter. 2,831,557, 4-22-58, Cl. 194-18.
- Eames, William F., to Westinghouse Electric Corp. Supervisory systems for elevators. 2,828,476, 3-25-58, Cl. 340-19.
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- Eames, William F., and D. Santini, to Westinghouse Electric Corp. Elevator systems. 2,827,981, 3-25-58, Cl. 187-29.
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- Earl, Robert J.: *See*—
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- Earle, Francis, Laboratories, Inc.: *See*—
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- Richman, Seymour I., and Greenstein. 2,827,431.
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- Earle, James S., to American Metal Climax, Inc. Oil burning tynere. 2,854,229, 9-30-58, Cl. 266-41.
- Earle, Ralph H., to McGraw-Edison Co. Fuse construction. 2,835,764, 5-20-58, Cl. 200-114.
- Earle, Wilton R., and F. Highhouse, to United States of America, Department of Health, Education and Welfare. Culture flasks for use with plane surface substrate tissue cultures. 2,858,036, 10-28-58, Cl. 215-1.
- Earley, Paul J.: *See*—
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- Earley, Wilbur F.: *See*—
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- Earley, Wilbur F., to Guntert & Zimmerman Const. Div., Inc. Drive mechanism for self-propelled implements. 2,853,810, 9-30-58, Cl. 37-90.
- Earling, Leonard E., to Essex Wire Corp. Relay. 2,834,850, 5-13-58, Cl. 200-104.
- Earls, William L., and A. B. Perry, to Schenley Industries, Inc. Packaging apparatus. 2,831,305, 4-22-58, Cl. 53-382.
- Early, Edwards D. Economic loading of power systems. 2,836,730, 5-27-58, Cl. 290-4.
- Earp, Charles W., and D. L. Cooper-Jones, to International Standard Electric Corp. Radio direction finding system. 2,860,336, 11-11-58, Cl. 343-120.
- Earth Equipment Corp., The: *See*—
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- Earthcrafter Co., Inc.: *See*—
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- Eash, John T.: *See*—
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- Easley, John A.: *See*—
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- Easley, Lettette T., to West Virginia Pulp and Paper Co. Gate assembly with padlock protection means. 2,856,220, 10-14-58, Cl. 292-148.
- Easley, Raymond G. Boat trailer. 2,828,029, 3-25-58, Cl. 214-84.
- Easley, Robert L., to Petrolite Corp. Electric treater. 2,848,412, 8-19-58, Cl. 204-302.
- Easley, William K.: *See*—
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- Easley, William K., J. K. Lawson, Jr., and J. B. Ballentine, to The Chemstrand Corp. Catalytic production of polyethylene terephthalate. 2,857,363, 10-21-58, Cl. 260-75.
- Eason, Clarence M., to Industrial Clutch Corp. Interconnected clutch and brake mechanism. 2,838,150, 6-10-58, Cl. 192-18.
- East, Charles L.: *See*—
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- East, Charles L. Electrical connector. 2,844,808, 7-22-58, Cl. 339-244.
- East, James V. T., to National Die Casting Co. Golf club. 2,842,369, 7-8-58, Cl. 273-164.

- Easterday, Elton E.** Sedimentation basin cleaning apparatus. 2,866,557, 12-30-58, Cl. 210-527.
- Easterling, Mahlon F.** : *See*—
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- Eastern Air Devices, Inc.** : *See*—
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- Eastern Industries, Inc.** : *See*—
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- Eastern Products Corp.** : *See*—
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- Eastern Venetian Blind Co., The** : *See*—
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- Easterwood, Kenneth V.** Hanger for blue-prints. 2,839,200, 6-17-58, Cl. 211-45.
- Eastham, Arthur M.**, to Polymer Corp. Ltd. Inhibition of polymerisation reaction. 2,843,571, 7-15-58, Cl. 260-82.1.
- Eastland, Jack**, to Eastland and Sapp. Wood finishing composition consisting of methylmethacrylate resin and borax. 2,829,067, 4-1-58, Cl. 117-72.
- Eastland and Sapp** : *See*—
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- Eastman, Du Bois** : *See*—
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- Eastman, Du Bois**, to The Texas Co. Gasification of sulfur-bearing carbonaceous fuels. 2,830,883, 4-15-58, Cl. 48-206.
- Eastman, Du Bois**, and L. P. Gaucher, to The Texas Co. Burner for the production of carbon monoxide and hydrogen. 2,838,105, 6-10-58, Cl. 158-109.
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- Eastman, Fred L.**, to Compco Corp. Electro-mechanical switching apparatus. 2,858,388, 10-28-58, Cl. 200-38.
- Eastman, James M.**, to Bendix Aviation Corp. Fuel feed and power control system for gas turbine engines. 2,848,870, 8-26-58, Cl. 60-39.28.
- Eastman, James M.**, to Bendix Aviation Corp. All-speed governor for gas turbine engines. 2,855,029, 10-7-58, Cl. 158-36.
- Eastman, John D.** : *See*—
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- Eastman Kodak Co.** : *See*—
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Ebert, Glen W. Pouring dispenser. 2,819,824, 1-14-58, Cl. 222-192.
Ebert, Robert J. Multiple speed compass. 2,831,255, 4-22-58, Cl. 33-154.
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Eby, Lawrence T.: See—
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Eckardt, Curt. Photographic stencil particularly for diffusion printing. 2,824,000, 2-18-58, Cl. 96-75.
Eckart, Robert H., to The Keller Mfg. Co. Lumber sorting conveyor. 2,835,385, 5-20-58, Cl. 209-90.
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- Ecke, George G., A. J. Kolka, and W. E. Burt, to Ethyl Corp. Reaction of substituted benzene, chlorine and substituted maleic anhydride and products thereof. 2,841,593, 7-1-58, Cl. 260—346.8.
- Eckel, John E., to Esso Research and Engineering Co. Reservoir sampling. 2,819,038, 1-7-58, Cl. 255—1.4.
- Eckel, John E., to Jersey Production Research Co. Cementing collar for drilling with casing. 2,859,826, 11-11-58, Cl. 166—136.
- Eckel, John E., and J. S. Hutchison, to Esso Research and Engineering Co. Apparatus for closing wild wells through a pressure chamber. 2,840,166, 6-24-58, Cl. 166—55.
- Eckel, Oliver C. Acoustical control apparatus. 2,826,261, 3-11-58, Cl. 181—42.
- Eckel, Oliver C. Acoustic panel assembly apparatus. 2,843,234, 7-15-58, Cl. 189—88.
- Eckel, Oliver C. Locking mechanism for doors. 2,851,870, 9-16-58, Cl. 70—101.
- Eckel, Vincent W.: See—
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- Eckentels, Henry A., and L. V. C. Jensen, to General Electric Co. Compressor stator assembly. 2,842,305, 7-8-58, Cl. 630—114.
- Ecker, Murry F., and D. B. Harney, to Dresser Industries, Inc. Multiple element sealing ring. 2,823,058, 2-11-58, Cl. 288—16.
- Ecker, Will J. Card case construction. 2,851,754, 9-16-58, Cl. 24—66.
- Eckert, Clarence J., and E. Olson, to General Motors Corp. Carburetor. 2,837,071, 6-3-58, Cl. 123—119.
- Eckert, John J. Oil separators. 2,866,558, 12-30-58, Cl. 210—540.
- Eckert, John P., Jr.: See—
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- Eckert, John P., Jr., to Sperry Rand Corp. Quarter adder. 2,827,573, 3-18-58, Cl. 307—88.
- Eckert, John P., Jr., to Sperry Rand Corp. Magnetic amplifier with feedback. 2,830,196, 4-8-58, Cl. 307—88.
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- Eckert, John P., Jr., to Sperry Rand Corp. Amplifier for pulse type signals. 2,838,686, 6-10-58, Cl. 307—88.
- Eckert, John P., Jr., to Sperry Rand Corp. Magnetic amplifier bistable device. 2,838,746, 6-10-58, Cl. 340—174.
- Eckert, John P., Jr., to Sperry Rand Corp. Magnetic amplifier circuit. 2,854,586, 9-30-58, Cl. 307—88.
- Eckert, John P., Jr., to Sperry Rand Corp. Transistor logical device. 2,866,105, 12-23-58, Cl. 307—88.5.
- Eckert, John P., Jr., and D. M. Lipkin, to Sperry Rand Corp. Bi-toroidal transverse magnetic amplifier with core structure providing highest symmetry and a closed magnetic path. 2,825,869, 3-4-58, Cl. 333—89.
- Eckert, John P., Jr., and T. H. Bonn, to Sperry Rand Corp. Carrier type magnetic amplifier with a feedback circuit. 2,830,198, 4-8-58, Cl. 307—88.
- Eckert, John P., Jr., and H. J. Gray, Jr., to Sperry Rand Corp. Push-push transistor circuits. 2,838,690, 6-10-58, Cl. 307—88.5.
- Eckert, John P., Jr., and A. W. Reickord, to Sperry Rand Corp. Comparator. 2,842,663, 7-8-58, Cl. 250—27.
- Eckert, John P., Jr., and A. A. Auerbach, to Sperry Rand Corp. Signal cycling device. 2,854,574, 9-30-58, Cl. 250—27.
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- Eckert, Wilhelm, and O. Fuchs, to Farbwerke Hoechst Akt. vormal Meister Lucius & Bruning. Process of preparing derivatives of 1,4,5,8-naphthalene-tetracarboxylic acid. 2,835,674, 5-20-58, Cl. 260—281.
- Eckert, Wilhelm, and O. Fuchs, to Farbwerke Hoechst Akt. vormal Meister Lucius & Bruning. Vat dyestuffs. 2,861,073, 11-18-58, Cl. 260—272.
- Eckfeldt, Edgar L., to Leeds and Northrup Co. Coulometric systems. 2,832,734, 4-29-58, Cl. 204—195.
- Eckhard, Alfred, to Siemens Feinmechanische Werke G. m. b. H. Decimal point shifting device. 2,819,672, 1-14-58, Cl. 101—93.
- Eckhard, Heinrich: See—
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- Eckhardt, Homer D., to Minneapolis-Honeywell Regulator Co. Automatic pilot motor control system. 2,835,861, 5-20-58, Cl. 318—489.
- Eckhardt, Paul K., to Westinghouse Air Brake Co. Coded carrier remote control systems. 2,852,760, 9-16-58, Cl. 340—163.
- Eckhoff, Joseph A. Pocket check writer. 2,826,987, 3-18-58, Cl. 101—19.
- Eckler, Norman H., and E. W. Jacobson, to Gulf Research & Development Co. Valve seat replacement tool. 2,840,894, 7-1-58, Cl. 29—261.
- Eckley, Gordon E.: See—
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- Eckley, Vincent D.: See—
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Kowal, Jack S. 2,849,256.
- Ecklund, Oscar F.: See—
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- Eckman, Pete. Weighing device. Re. 24,556, 10-28-58, Cl. 265—47.
- Eckold, Walter. Method of and apparatus for deforming sheet metal. 2,829,525, 4-8-58, Cl. 78—61.
- Eckstrom, Albert W., and G. L. Garrow, to Blaw-Knox Co. Apparatus for separating liquid from vapor in an evaporator or the like. 2,842,195, 7-8-58, Cl. 159—31.
- Eclipse Counterbore Co.: See—
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- Eclipse Fuel Engineering Co.: See—
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- Eclipse Sleeps Products Inc.: See—
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- Eco, Inc.: See—
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- Economy Engine Co.: See—
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- Economy Engineering Co.: See—
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- Ecrofnier & Partners Ltd.: See—
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- Eddison, William B., to Gisholt Machine Co. Seal transferring apparatus. 2,823,816, 2-18-58, Cl. 214—151.
- Eddison, William B., and W. E. Erickson, to Gisholt Machine Co. Apparatus for applying sealing bands to bottle tops and the like. 2,826,884, 3-18-58, Cl. 53—295.
- Eddison, William B., and W. E. Erickson, to Gisholt Machine Co. Machine for applying tubular bands to bottle tops and the like. 2,835,083, 5-20-58, Cl. 53—77.
- Eddison, William B., and W. E. Erickson, to Gisholt Machine Co. Spotting device. 2,843,252, 7-15-58, Cl. 198—33.
- Eddowes, Cecil S. Flush mechanism for toilets. 2,836,829, 6-3-58, Cl. 4—41.
- Edds, Richard V.: See—
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- Edds, Richard V., to Turco Products, Inc. Method and apparatus for determining etching depth. 2,827,724, 3-25-58, Cl. 41—9.
- Edds, Richard V., to Turco Products, Inc. Apparatus for determining depth of etching. 2,827,725, 3-25-58, Cl. 41—9.
- Eddy, Gaines W., and E. F. Knipling; dedicated to the free use of the People in the Territory of the United States. Synergistic insecticidal compositions comprising an o, o-dialkyl thiophosphate-4-methylumbelliferone. 2,826,530, 3-11-58, Cl. 167—33.
- Eddy, Glen M. Tire chain. 2,825,381, 3-4-58, Cl. 152—241.
- Eddy, Lee B., to Universal Oil Products Co. Entrained liquid detector. 2,845,790, 8-5-58, Cl. 73—29.
- Eddy, William C., Jr., to Television Associates, Inc. Carburetor throttle control device. 2,842,110, 7-8-58, Cl. 123—102.
- Eddy, William F. Manually portable charcoal broiler. 2,860,624, 11-18-58, Cl. 126—25.
- Eddy, William R., and V. M. Hart, to Phillips Petroleum Co. Magnetic driven collapsible agitator assembly. 2,859,020, 11-4-58, Cl. 259—108.
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- Ede, Ainsley N., to National Research Development Corp. Pumping of concrete. 2,825,955, 3-11-58, Cl. 25—16.
- Edelman, Abraham, and T. Lasar, to Photobell Co. Stop motion device for fabric producing machines. 2,859,603, 11-11-58, Cl. 66—166.
- Edelman, Leonard E.: See—
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- Edelman, Leonard E., and S. Robbins, to Westinghouse Electric Corp. Process of preparing an organopolysiloxane modified polyester resin, the product thereof, and electrical conductor coated therewith. 2,821,518, 1-28-58, Cl. 260—45.4.
- Edelmann, E. & Co.: See—
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- Edelmann, Robert B., to E. Edelmann & Co. Battery filler. 2,847,042, 8-12-58, Cl. 141—94.
- Edelson, Dorothy R. Means for facilitating lifting layered sheet material. 2,857,047, 10-21-58, Cl. 206—58.
- Edelson, Leo: See—
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- Edelstone, Sigmund E., and W. V. Dunlop, to Dupli-Color Products Co., Inc. Fountain applicator. 2,847,690, 8-19-58, Cl. 15—139.
- Edelstone, Sigmund E., and W. V. Dunlop, to Dupli-Color Products Co., Inc. Fountain applicator. 2,847,691, 8-19-58, Cl. 15—139.
- Edelstone, Sigmund E., and W. V. Dunlop, to Dupli-Color Products Co., Inc. Fountain applicator. 2,847,692, 8-19-58, Cl. 15—139.
- Eden, Carsten, to Jenaer Glaswerk Schott & Gen. Method for avoiding decomposition of melting vessels. 2,855,450, 10-7-58, Cl. 13—6.
- Eden, Jamal S.: See—
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- Eden, Jamal S., to Diamond Alkali Co. 2-piperonyl oxazolidine, process, and use as control for microorganisms. 2,852,427, 9-16-58, Cl. 167-33.
- Eden, John D., to M & C Conveyors, Inc. Adjustable case conveyor. 2,857,043, 10-21-58, Cl. 198-204.
- Eden, Raymond B., and F. B. Maly, to Vulcan Corp. Copying lathe. 2,828,783, 4-1-58, Cl. 142-7.
- Edenfield, Eli E. Fluid pressure actuated lifting apparatus. 2,837,373, 6-3-58, Cl. 298-11.
- Edens, Arie H., and G. M. A. C. Geeven, to North American Phillips Co., Inc. Burner for liquid hydrocarbons. 2,860,694, 11-18-58, Cl. 158-53.
- Edens, Walter W., to Allis-Chalmers Mfg. Co. Method of preparing nodular graphite iron. 2,822,266, 2-4-58, Cl. 75-130.
- Eder, Hans: *See*—
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- Eder, Kurt: *See*—
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- Eder, Theodor, Separator, 2,828,861, 4-1-58, Cl. 209-208.
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- Edgar, Eric C.: *See*—
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- Edgar, John S., to Thompson Products, Ltd. Rock drill bit socket. 2,862,744, 12-2-58, Cl. 287-126.
- Edgar, John S., to Thompson Products, Ltd. Rock drill bit. 2,863,686, 12-9-58, Cl. 287-126.
- Edgar, Leonard D. Material pulverizer. 2,855,157, 10-7-58, Cl. 241-92.
- Edgar, Victor R., to Warner Electric Brake & Clutch Co. Tension responsive switch. 2,844,675, 7-22-58, Cl. 200-61.19.
- Edgerton, Frank R., to General Dynamics Corp. Stepping switch. 2,847,534, 8-12-58, Cl. 200-105.
- Edge, Dennis A.: *See*—
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- Edge, E. Z., Inc.: *See*—
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- Edge, Jack C. Leg and footrest device. 2,860,688, 11-18-58, Cl. 155-2.
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- Edge, Stanley H., and H. Jeffery, to Clayton Dewandre Co. Ltd. Control valve for fluid pressure remote control systems. 2,820,372, 1-21-58, Cl. 74-471.
- Edge, Stanley H., and G. A. Jeffery, to Clayton Dewandre Co. Ltd. Rotatable pipe coupling. 2,837,177, 6-3-58, Cl. 188-2.
- Edge, William H., and R. G. Hillier, to Phillips Petroleum Co. Valve. 2,865,393, 12-23-58, Cl. 137-246.
- Edgemond, John W., Jr., and J. J. O'Connor, to Magna Power Tool Corp. Belt sander. 2,857,717, 10-28-58, Cl. 51-135.
- Edgerly, Charles R., and R. M. Brady, to Westinghouse Electric Corp. Withdrawing masking material from bulbs. 2,843,428, 7-15-58, Cl. 302-17.
- Edgerton, Arthur H. Dry fuel blow torch. 2,840,015, 6-24-58, Cl. 110-35.
- Edgerton, Gerneshausen & Grier, Inc.: *See*—
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- Gerneshausen, Kenneth J. 2,855,544.
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- Edgerton, William H., to Parke, Davis & Co. Process for producing organic esters of nitrophenyl dichloroacetamide propane diols. 2,864,814, 12-16-58, Cl. 260-404.
- Edgren, Edward F., Jr.: *See*—
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- Edick Laboratories, Inc.: *See*—
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- Eding, Harold J.: *See*—
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- Edlen, George G.: *See*—
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- Edleson, Stuart K., to Essex Mfg. Co., Inc. Quick disconnect coupling. 2,864,628, 12-16-58, Cl. 284-18.
- Edlin, Frank E.: *See*—
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- Edlung, Sven G., A. H. Malmquist, and A. L. E. Lindstein, to Sandvikens Jernverks Aktiebolag. Apparatus for continuous measurement of the thickness of strip material. 2,864,171, 12-16-58, Cl. 33-147.
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- Edlo, Inc.: *See*—
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- Fahrenbach, Wolfgang B. 2,846,063.
- Lamb, Guy L. 2,819,793.
- Edlund, Carl A., J. L. Mand, Jr., and L. J. Scheer, Thermometer dispenser. 2,846,058, 8-5-58, Cl. 206-16.6.
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- Edman, John H.: *See*—
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- Edman, John H., to Deere Mfg. Co. Drive mechanism. 2,842,006, 7-8-58, Cl. 74-434.
- Edman, John H., to Deere Mfg. Co. Hydraulic detent for valve. 2,844,166, 7-22-58, Cl. 137-622.5.
- Edming, Arnold C. Calf weaner. 2,825,304, 3-4-58, Cl. 119-132.
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- Leatherman, Gerald T., and Edmonds. 2,849,515.
- Edmonds, Lee O.: *See*—
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- Shotton, James A., and Edmonds. 2,855,376.
- Edmondson, Harold A. Process for cutting wood. 2,859,781, 11-11-58, Cl. 144-309.
- Edmonson, Fay R., to United States Steel Corp. Fluid coupling for fluid cooled roll. 2,831,710, 4-22-58, Cl. 285-190.
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- Edmunds, William H., to I-T-E Circuit Breaker Co. Mechanical trip means for circuit breaker current limiting device combination. 2,824,929, 2-25-58, Cl. 200-116.
- Edmunds, William H., to I-T-E Circuit Breaker Co. Current limiting protection for contactors. 2,838,718, 6-10-58, Cl. 317-46.
- Edmunds, William H., to I-T-E Circuit Breaker Co. Arc shield for circuit breaker arc quencher. 2,839,641, 6-17-58, Cl. 200-144.
- Edmunds, William H., to I-T-E Circuit Breaker Co. Protective device with current limiting means. 2,843,702, 7-15-58, Cl. 200-114.
- Edmunds, William H., to I-T-E Circuit Breaker Co. Moisture guide means for fuse housing. 2,846,545, 8-5-58, Cl. 200-133.
- Edmunds, William H., to I-T-E Circuit Breaker Co. Enclosure cover handle mechanism with two latches. 2,851,548, 9-9-58, Cl. 200-50.
- Edmunds, William H., to I-T-E Circuit Breaker Co. Indicating means for multi-pole circuit breakers. 2,854,555, 9-30-58, Cl. 200-167.
- Edmunds, William H., to I-T-E Circuit Breaker Co. Barriers for isolation of circuit breaker phases. 2,863,969, 12-9-58, Cl. 200-144.
- Edmondson, William C., to General Motors Corp. Adjustable linkage. 2,837,934, 6-10-58, Cl. 74-586.
- Edogawa Kagaku Kogyo Kabushiki Kaisha: *See*—
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- Edrich, Paul, A. H. Foltzer, D. P. Henry, R. C. Koslo, A. F. Meyer, E. J. Osterhus, A. W. Richards, J. R. Snowball, and W. D. Tittle, to Weber Engineered Products, Inc. Garden tool combinations. 2,864,293, 12-16-58, Cl. 97-40.
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- Edsall, Bruce M., to General Motors Corp. Accumulator controls for automatic transmission. 2,832,231, 4-29-58, Cl. 74-472.
- Edsall, William S., to The Chase-Shawmut Co. Coordinated combinations of current-limiting fuses and circuit interrupters. 2,823,338, 2-11-58, Cl. 317-37.
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- Edson, James O., and C. E. Scheideler, to Bell Telephone Laboratories, Inc. Directional array employing laminated conductor. 2,841,792, 7-1-58, Cl. 343-819.
- Edson, Murray H., to Esso Research and Engineering Co. Asphalt composition. 2,845,359, 7-29-58, Cl. 106-14.
- Edstrand, Elmer, to Lindberg Engineering Co. Furnace lading apparatus. 2,846,740, 8-12-58, Cl. 22-29.
- Edström, John O., and U. Ö. H. Wiberg. Method of exothermically reducing oxide ores. 2,860,046, 11-11-58, Cl. 75-91.
- Edvardsson, Svante R.: *See*—
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- Carr, Laurence H., and Milleville. 2,823,007.
- Milleville, Bertram J. 2,845,814.
- Milleville, Bertram J., and Fisher. 2,855,940.
- Edwards, Andrew W., and W. G. Meyer, to Westinghouse Electric Corp. Reclosing circuit breakers. 2,836,768, 5-27-58, Cl. 317-18.
- Edwards, Bryant, to Illinois Tool Works. Dispensing valve assembly. 2,854,176, 9-30-58, Cl. 292-394.
- Edwards, Cameron L. Vibrating cutting head for excavating machines and method of attachment thereto. 2,850,815, 9-9-58, Cl. 37-141.
- Edwards, Clyde H., Jr., and T. S. Whitsel, Jr., to Phillips Petroleum Co. Carbon black producing furnace and method of construction. 2,839,825, 6-24-58, Cl. 29-455.
- Edwards, Cyrus V.: *See*—
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- Edwards, David B. G.: *See*—
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- Edwards, David G., and M. C. Edlund, to Fibreboard Paper Products Corp. Low frictional drag coated paper products and method of preparation thereof. 2,819,986, 1-14-58, Cl. 117-92.
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- Edwards, Delbert. Disk type grain thresher. 2,822,812, 2-11-58, Cl. 130-27.
- Edwards, Donald V., to Electrons, Inc. Mounting structure for gas tubes. 2,843,833, 7-15-58, Cl. 339-93.
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- Edwards, Eldred E., to California Research Corp. Apparatus for bottom-hole pressure measurement. 2,855,780, 10-14-58, Cl. 73-388.
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- Edwards, Eric D.: *See*—
- Elliott, John S., and Edwards. 2,820,766.
- Elliott, John S., and Edwards. 2,836,561.
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- Edwards, Harry D., F. P. Doyle, and S. J. Palling, to Eastman Kodak Co. Sensitized silver halide emulsions. 2,839,402, 6-17-58, Cl. 96-102.
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- Edwards, James N., to Hughes Aircraft Co. Electro-mechanical voltage differential detector. 2,837,665, 6-3-58, Cl. 307-149.
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- Moore, Edgar S. 2,822,045.
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- Edwards, Orley J. Self-inflating articles. 2,826,767, 3-18-58, Cl. 5-341.
- Edwards, Orville P.: *See*—
- Zink, John S., Jr., Duncan, Edwards, and Reed. 2,851,093.
- Edwards Packer Co.: *See*—
- Edwards, Jack E. 2,834,414.
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- Edwards, Phillip B.: *See*—
- Ackerman, Joseph L., Jr., Edwards, Smith, Brundage, and Dwyer. 2,845,002.
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- Eickhoff, Theodore H. Contacting apparatus. 2,833,984, 5-6-58, Cl. 324-29.5.
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- Eisenhauer, Leigh E.: *See—*
- Stover, Ancil C. 2,823,926.
- Eisenhauer Mfg. Co., The: *See—*
- Stover, Ancil C. 2,823,926.
- Stover, Ancil C. 2,862,724.
- Eisenhauer, William A.: *See—*
- Stover, Ancil C. 2,823,926.
- Eisenhofer, Johann, and L. Horbach. Scalpel. 2,838,049, 6-10-58, Cl. 128—305.
- Eisenhut, Franz, V. Goblet, and A. Siegl, to Gelsenkirchener Bergwerks Aktiengesellschaft. Briquetting of solid combustibles. 2,819,155, 1-7-58, Cl. 44—19.
- Eisenhut, Franz, V. Goblet, and A. Siegl, to Gelsenkirchener Bergwerks Akt. Process of briquetting. 2,834,660, 5-13-58, Cl. 44—19.
- Eisenlohr, Douglas H.: *See—*
- Theis, Francis W., Richardson, Eisenlohr, and Shelton. 2,843,638.
- Eisenlohr, Douglas H., to Columbia-Southern Chemical Corp. Dehydrochlorination of tetrachloroethane. 2,859,254, 11-4-58, Cl. 260—65.4.
- Eisenman, George, D. O. Rudin, and J. U. Casby, to Commonwealth Mental Health Research Foundation. Glass electrode for measuring sodium ion. 2,829,090, 4-1-58, Cl. 204—1.
- Eisenmenger, Martha S. Adjustable copy holder device for typewriter desks. 2,849,984, 9-2-58, Cl. 120—28.
- Eisenwerke Gelsenkirchen: *See—*
- Wittmoser, Adalbert. 2,829,407.
- Eisenwerke Kaiserslautern: *See—*
- Adlansnig, Karl. 2,851,376.
- Eisfeldt, Manfred, to Siemens & Halske Akt. Electron microscope having a multiple-specimen carrier. 2,849,619, 8-26-58, Cl. 250—49.5.
- Eisler, Henry: *See—*
- Harvey, Winston S., and Eisler. 2,847,632.
- Eismann, Helmut, and G. Lange, to Carl Zeiss. Photographic objective. 2,849,918, 9-2-58, Cl. 88—57.
- Eisner, Abner: *See—*
- Ault, Waldo C., Eisner, and Scanlan. 2,824,143.
- Noble, Wilfred R., Scanlan, and Eisner. 2,857,412.
- Eisner, Jack. Device for modelling in clay. 2,831,286, 4-22-58, Cl. 41—1.
- Eisner, Martin. Waterproofing material pumping apparatus. 2,837,109, 6-3-58, Cl. 137—267.
- Eissmann, Oswald E., to American Machine & Foundry Co. Tobacco ripping and classifying apparatus. 2,826,205, 3-11-58, Cl. 131—146.
- Eitel, Jay M. Mobile lifting equipment. 2,841,404, 7-1-58, Cl. 280—6.
- Eitel, Jay M. Control mechanism. 2,841,659, 7-1-58, Cl. 200—5.
- Eitel, John E. Valve operating mechanism for controlling the flow of fluid. 2,853,099, 9-23-58, Cl. 137—527.2.
- Eitel-McCullough, Inc.: *See—*
- Drieschman, Donald F., Goldfinger, and Mitchell. 2,837,686.
- Haegeler, Rowland W. 2,825,843.
- Murdock, Clayton E. 2,824,289.
- Preist, Donald H. 2,842,703.
- Preist, Donald H. 2,842,742.
- Preist, Donald H. 2,854,599.
- Reinartz, John L. 2,820,194.
- Stangl, Morraine E. 2,859,372.
- Eitner, George R., to the United States of America as represented by the Secretary of the Army. Fluid line coupling device. 2,819,914, 1-14-58, Cl. 285—70.
- Elitzel, Walter B. Toothpaste dispenser. 2,849,166, 8-26-58, Cl. 222—519.
- Ejectoret S. A.: *See—*
- Wahle, Aurelia M. 2,864,494.
- Ek, Ossian, to Sandvik Steel, Inc. Steel belt conveyor and assembly. 2,855,093, 10-7-58, Cl. 198—193.
- Ekco Products Co.: *See—*
- Seibert, Leslie W., Jr. 2,845,323.
- Stiburski, Edward J. 2,838,990.
- Vavrinek, Le Roy J. 2,840,843.
- Eketorp, Sven G. H., and S. H. Backström, to Stora Kopparbergs Bergslags Aktiebolaget. Continuous iron and steel making in a rotary vessel. 2,862,811, 12-2-58, Cl. 75—60.
- Ekey, William J., to The F. E. Myers & Bro. Co. Closure attaching and sealing means. 2,820,163, 1-14-58, Cl. 310—87.
- Ekhölm, Carl R., to Flexonics Corp. Method of producing fittings. 2,837,810, 6-10-58, Cl. 29—157.
- Eklöv, David, to Svenska Reläfabriken A. B. Electric communication system. 2,838,609, 6-10-58, Cl. 179—1.
- Eklund, Elias N., to A. B. E. N. Eklunds Mekaniska Verkstad. Machine-tool vise having workpiece-clamping screw in proximity to base-clamping screw. 2,835,156, 5-20-58, Cl. 81—41.
- Ekman, Carl O. A., to Firma Ekman and Brundlin. Camouflage nets. 2,825,168, 3-4-58, Cl. 41—10.
- Ekola, Giles C. Releaseable cover and seal for containers. 2,818,992, 1-7-58, Cl. 220—24.5.
- Eksergian, Carolus L., to The Budd Co. Wheel mounting means. 2,844,409, 7-22-58, Cl. 301—36.
- Eksergian, Carolus L., to The Budd Co. Friction device such as a brake. 2,848,073, 8-19-58, Cl. 138—78.
- Ekstrom-Carlson & Co.: *See—*
- Mann, Theodore C. 2,861,328.
- Mann, Theodore C. 2,864,283.
- Ekström, Gösta I., and S. V. Sjögren, to Atlas Copco Aktiebolag. Cushioning device for hammer tools. 2,831,463, 4-22-58, Cl. 121—36.
- Ekstrom, Marvin D. Double octave mechanism for accordions. 2,861,495, 11-25-58, Cl. 84—376.
- Elaine of Hollywood Brassiere Co.: *See—*
- Croxall, Robert W. 2,856,935.
- Elam, Edward U., to Eastman Kodak Co. Method for preparing monohaloacetones. 2,856,430, 10-14-58, Cl. 260—597.
- Elam, Jess L., to Food Machinery and Chemical Corp. Pedal depressing and holding tool. 2,866,356, 12-30-58, Cl. 74—532.
- Elam, Joe L.: *See—*
- Grovemiller, Dale A., and Elam. 2,864,067.
- Eland, Robert: *See—*
- Bull, Richard, and Eland. 2,864,945.
- Elastic Stop Nut Corp. of America: *See—*
- Brown, Robert R. 2,839,636.
- Heenan, Sidney A., and Nagel. 2,831,394.
- Lindahl, Carl. 2,855,481.
- Elbling, Irving N.: *See—*
- Swiss, Jack, and Elbling. 2,831,783.
- Elce, Alec, A. R. Graham, A. F. Millidge, I. K. M. Robson, and D. P. Young, to The Distillers Co. Ltd. Purification of aliphatic acids. 2,861,923, 11-25-58, Cl. 202—39.
- Elco Mfg. Co.: *See—*
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- Eldema Corp.: *See—*
- Doelman, Henry. 2,829,279.
- Elden, Oscar N. Carrier for chain saws. 2,841,317, 7-1-58, Cl. 224—5.
- Elder, Gordon B., and G. W. Harry, to General Motors Corp. Fuel pumps of the diaphragm type. 2,840,002, 6-24-58, Cl. 103—150.
- Elder & Jenks, Inc.: *See—*
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- Elder, Richard O., to E. I. du Pont de Nemours and Co. Preparation of substantially anhydrous formaldehyde by a partial condensation process. 2,824,051, 2-18-58, Cl. 202-69.
- Eldredge, Earle E., and D. B. Jordan, to Sylvania Electric Products Inc. Teletypewriter code decoder. 2,865,994, 12-23-58, Cl. 178-26.
- Eldridge, Frances E. Hair straightening and waving iron. 2,866,468, 12-30-58, Cl. 132-143.
- Eldredge, Kenneth R.: See—
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- Eldredge, Robert C., to S. H. M. Lund. Golf putting practice device. 2,849,238, 8-26-58, Cl. 273-177.
- Eldridge, Arthur C., and L. L. McKinney, to United States of America, Agriculture. S-(1,2-dichlorovinyl)-glutathione and method for its preparation. 2,849,434, 8-26-58, Cl. 260-112.
- Eldridge, Frank R., Jr., $\frac{1}{2}$ to E. H. Kornhauser. Data selecting and reproducing apparatus. 2,832,841, 4-29-58, Cl. 179-100.2.
- Eldridge, Frank R., Jr. Variable speed transmission. 2,858,705, 11-4-58, Cl. 74-208.
- Eldridge, George C., Jr. Frequency responsive control device. 2,858,773, 11-4-58, Cl. 104-149.
- Elechem Corp.: See—
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- Elektrokemisk A/S: See—
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- Electraulic Presses Ltd.: See—
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- Electric-Aire Engineering Corp.: See—
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- Electric Eye Equipment Co.: See—
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- Electric Machinery Mfg. Co.: See—
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Clayden, Ronald T. 2,843,665.
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Crownover, Joseph W. 2,836,501.
Crownover, Joseph W. 2,836,737.
Crownover, Joseph W. 2,841,827.
Gargini, Eric J. 2,836,649.
Huntley, Keith G. 2,840,704.
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James, Ivanhoe J. P. 2,843,659.
Jaques, Anthony F. 2,837,690.
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- Electric & Musical Industries Ltd.: See—
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- Electric Products Co., The: See—
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- Electric Specialty Co.: See—
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- Electric Steel Foundry Co.: See—
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- Electric Storage Battery Co., The: See—
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Garland, Edward J. 2,852,662.
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Pucher, Leo E., Cunningham, and Szabo. 2,850,555.
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- Electrical Apparatus Co., Inc.: See—
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Kelleigh, Waldo J. 2,825,779.
- Electrical Engineering & Mfg. Corp.: See—
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- Electrical Fittings Corp.: See—
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- Electroacoustic G. m. b. H.: See—
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- Electro Chek Corp. of America: See—
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- Electro Chemical Laboratories Corp.: See—
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- Electro Engineering Works: See—
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- Electro-Hydraulics Ltd.: See—
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- Electroline Co.: See—
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- Electroline Mfg. Co., The: See—
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- Electro-Snap Switch & Mfg. Co.: See—
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- Electro-Voice, Inc.: See—
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- Electronic Products Co.: See—
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- Electronic Reproducers, Inc.: See—
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- Electronic Secretary Industries, Inc.:** *See—*
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- Electronic Specialty Co.:** *See—*
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- Electronic & X-Ray Appliances Ltd.:** *See—*
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- Electronics Corp. of America:** *See—*
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 Constable, James M. 2,833,951.
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- Electronics Process Corp.:** *See—*
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- Electrons, Inc.:** *See—*
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- Elefant, Jack:** *See—*
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- Elektrokemisk A/S:** *See—*
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- Elektro-Mechanik G. m. b. H.:** *See—*
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- Elektrophysikalische Anstalt Bernhard Berghaus:** *See—*
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- Elemelt Ltd.:** *See—*
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- Elesta A. G., Elektronische Steuer-Apparate:** *See—*
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- Elesta Ltd., Electronic Control Apparatus:** *See—*
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- Elevator Construction & Service Co.:** *See—*
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- Elfers, Albertus, to N. V. Quod Bonum. Method for the manufacture of a metal relief printing plate.** 2,833,702, 5-6-58, Cl. 204-17.
- Elfes, Lee E., and L. J. Lorenz, to Massey-Harris-Ferguson Inc. Hydraulic lifting and control means for tractor mounted mowers.** 2,822,654, 2-11-58, Cl. 56-25.
- Elfes, Lee E., and L. J. Lorenz, to Massey-Ferguson, Inc. Mounting and lifting means for a tractor mounted cutting assembly.** 2,847,812, 8-19-58, Cl. 56-25.
- Elfes, Lee E., and L. J. Lorenz, to Massey-Ferguson, Inc. Mounting means for tractor mounted cutting assembly.** 2,853,843, 9-30-58, Cl. 56-25.
- Elfvig, Thore M., and L. B. Christensen. Absorption refrigerating units and refrigerators.** 2,855,766, 10-14-58, Cl. 62-493.
- Elgen Mfg. Corp.:** *See—*
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- Elgin, Alice M. Zipper.** 2,866,245, 12-30-58, Cl. 24-205.15.
- Elgin Metalformers Corp.:** *See—*
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- Elgin National Watch Co.:** *See—*
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- Elgin Softener Corp.:** *See—*
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- Elgin Sweeper Co.:** *See—*
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- Elias, Nathaniel M. Effervescent compositions containing a surface active agent.** 2,854,377, 9-30-58, Cl. 167-38.
- Elias, Nathaniel M. Automatic safety closure and container.** 2,857,070, 10-21-58, Cl. 220-24.
- Elias, Nathaniel M. Flexible containers.** 2,857,080, 10-21-58, Cl. 222-213.
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- Eliaison, Ray M., and E. B. Device for raising plaster board handy-man.** 2,826,461, 3-11-58, Cl. 304-29.
- Elion, Gertrude B.:** *See—*
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- Elion, Herbert, and W. H. Thall. Long range image projector.** 2,827,831, 3-25-58, Cl. 88-24.
- Ellot, Theodore Q., to Pan American Petroleum Corp. Purification of methyl ethyl ketone.** 2,819,205, 1-7-58, Cl. 202-39.5.
- Elisberg, Moses. Flux.** 2,829,079, 4-1-58, Cl. 148-26.
- Eljay Corp.:** *See—*
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- Elkay Mfg. Co.:** *See—*
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- Elkhart Brass Mfg. Co., Inc.:** *See—*
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- Elkies, Harry I., to Gemco, Inc. Shoulder strap fastening means.** 2,845,630, 8-5-58, Cl. 2-246.
- Elkins, Ira D., to Kerr-McGee Oil Industries, Inc. Preparation of polycarboxylic acids.** 2,851,488, 9-9-58, Cl. 260-533.
- Elkins, Lloyd E., and R. P. Vincent, to Pan American Petroleum Corp. Apparatus for treating wells.** 2,859,827, 11-11-58, Cl. 166-165.
- Ellamac Inc.:** *See—*
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- Ellefson, Daniel J. Wiener skinning devices.** 2,820,982, 1-28-58, Cl. 17-1.
- Ellegast, Fritz:** *See—*
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- Ellenberger, Francis R., to General Electric Co. Housing and stabilized mounting for underwater sound apparatus.** 2,826,749, 3-11-58, Cl. 340-8.
- Ellenberger, Heinrich. Instrument leveling means.** 2,841,047, 7-1-58, Cl. 88-24.
- Ellenberger, Jakob, to Ellenberger & Poensgen G. m. b. H. Thermal overload circuit breaker.** 2,824,932, 2-25-58, Cl. 200-116.
- Ellenberger, Jakob, to Ellenberger & Poensgen G. m. b. H. Bimetallic switches.** 2,828,389, 3-25-58, Cl. 200-122.
- Ellenberger & Poensgen G. m. b. H.:** *See—*
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- Ellenbogen, Leon:** *See—*
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- Ellendt, Gunther, and H. Schnell, to Farbenfabriken Bayer Aktiengesellschaft. Process for the manufacture of terephthalic acid dimethyl ester.** 2,825,738, 3-4-58, Cl. 260-475.
- Eller, Harold E., to Minneapolis-Honeywell Regulator Co. Controller.** 2,851,047, 9-9-58, Cl. 137-82.
- Eller, Saul A.:** *See—*
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- Eller, William R.:** *See—*
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- Ellerbeck, Grant C., to Friden, Inc. Back-transfer mechanism.** 2,828,913, 4-1-58, Cl. 235-63.
- Ellerbeck, Grant C., to Friden, Inc. Counter actuator.** 2,829,914, 4-1-58, Cl. 235-63.
- Ellerbeck, Grant C., to Friden, Inc. Centralizer for outboard tens-transfer mechanism.** 2,847,163, 8-12-58, Cl. 235-139.
- Ellerbeck, Grant C., to Friden, Inc. Value approximation mechanism.** 2,847,164, 8-12-58, Cl. 235-144.
- Ellerbeck, Grant C., to Friden, Inc. Dividend-divisor aligning mechanism.** 2,864,559, 12-16-58, Cl. 235-63.
- Ellerman, Frank G. Wall display.** 2,847,780, 8-19-58, Cl. 40-125.
- Ellern, Herbert, I. Kowarsky, and D. E. Olander, to Universal Match Corp. Sulfur dioxide gas generating composition.** 2,842,477, 7-8-58, Cl. 167-40.
- Ellertson, Melvin E., and S. J. Pearce, to Carnation Co. Process for manufacturing an evaporated food product and the product produced thereby.** 2,822,277, 2-4-58, Cl. 99-212.
- Ellett, Alexander, to Zenith Radio Corp. Subscription television system.** 2,839,598, 6-17-58, Cl. 178-5.1.
- Ellett, Alexander, to Zenith Radio Corp. Subscription television system.** 2,847,501, 8-12-58, Cl. 178-5.1.
- Ellett, Alexander, to Zenith Radio Corp. Subscription television code determining arrangement.** 2,866,962, 12-30-58, Cl. 340-147.
- Ellicott, Charles E., Jr., to Ellicott Machine Corp. Hydraulic mechanism for dredge.** 2,850,814, 9-9-58, Cl. 37-73.
- Ellicott Machine Corp.:** *See—*
 Ellicott, Charles E., Jr. 2,850,814.
- Ellies, Ernest E., to Tee-Pak, Inc. Method of treating fresh meats.** 2,847,313, 8-12-58, Cl. 99-174.
- Elling, Hugo, to American Enka Corp. Method of aging a viscose solution.** 2,845,416, 7-29-58, Cl. 260-218.
- Ellingen, Robert J., to United States of America, Army. Cam closure.** 2,846,113, 8-5-58, Cl. 220-55.
- Ellingsen, Henry D., and R. D. Pals. Cigarette ash tray.** 2,851,155, 9-9-58, Cl. 206-19.5.
- Ellington, Rex T.:** *See—*
 Eakin, Bert E., and Ellington. 2,823,523.
- Elliot, Billy S.:** *See—*
 Thompson, Virgil V., and Elliot. 2,828,535.
- Elliot Enterprises, Inc.:** *See—*
 Mallinckrodt, George E. 2,851,998.
 Mallinckrodt, George E. 2,852,006.
- Elliot Equipment Ltd.:** *See—*
 Wyllie, Stuart S. 2,854,049.
- Elliot, William H., and E. X. Schmidt, to Cutler-Hammer, Inc. Automatic temperature control for electric heaters.** 2,838,643, 6-10-58, Cl. 219-20.
- Elliot, Brantford G., to Massey-Ferguson Inc. Gathering unit for harvesters.** 2,848,103, 8-19-58, Cl. 198-213.
- Elliot Brothers Ltd.:** *See—*
 Millership, Ronald. 2,837,721.

- Elliott Brothers (London) Ltd.: *See*—
 Roulston, Kenneth L. and Pizzey. 2,820,903.
 Tindale, John. 2,836,072.
 Whitehead, Eric A. N., and Kinnear. 2,830,273.
- Elliott Co.: *See*—
 Land, Malcolm L. 2,866,617.
 Shields, James R. 2,823,851.
 Shields, James R., Barth, and Fitzsimmons. 2,830,467.
- Elliott, Cyril A., to Rolls-Royce Ltd. Jet pipe with pivoted outlet area-varying. 2,840,985, 7-1-58, Cl. 60—35.6.
- Elliott, Dale E.: *See*—
 McClements, Willard J., and Elliott. 2,831,870.
- Elliott, Daniel S. Coin operated device. 2,863,548, 12-9-58, Cl. 194—79.
- Elliott, Douglas E., to Power Jets (Research and Development) Ltd. Combustion chambers. 2,866,697, 12-30-58, Cl. 48—203.
- Elliott, Edwin G., Jr.: *See*—
 Rieppel, Perry J., Clapp, and Elliott. 2,819,883.
 Rieppel, Perry J., Clapp, and Elliott. 2,819,884.
- Elliott, George: *See*—
 Trousdale, Robert B., and Elliott. 2,848,549.
 Trousdale, Robert B., Elliott, and Walz. 2,863,001.
- Elliott, George, to General Dynamics Corp. Oscillation generator. 2,826,691, 3-11-58, Cl. 250—36.
- Elliott, George, to General Dynamics Corp. Duplex signaling circuit. 2,829,205, 4-1-58, Cl. 179—43.
- Elliott, George, to General Dynamics Corp. Electronic switching system. 2,830,125, 4-8-58, Cl. 179—15.
- Elliott, George, to General Dynamics Corp. Pulse generating circuit. 2,850,648, 9-2-58, Cl. 307—88.5.
- Elliott, George. Pets home recreation. 2,865,329, 12-23-58, Cl. 119—83.
- Elliott, George H., to D. M. Hallerberg. Potentiometers. 2,852,644, 9-16-58, Cl. 201—48.
- Elliott, Harmon P. Stencil-character-forming apparatus. 2,837,196, 6-3-58, Cl. 197—130.
- Elliott, Harold F.: *See*—
 Hilton, Edgar A., and Elliott. 2,864,307.
- Elliott, Harold F., D. R. Scott, and J. A. Chesebrough, to Hewlett-Packard Co. Tractor mounted plant thinning machine. 2,864,292, 12-16-58, Cl. 97—15.
- Elliott, Harold V., to General Motors Corp. Electric switch. 2,849,549, 8-26-58, Cl. 200—6.
- Elliott, Harry E.: *See*—
 Fallon, Raymond D., Elliott, and Loehr. 2,819,780.
- Elliott, Harry E., to Hughes Tool Co. Pneumatic cartridge feeder. 2,857,813, 10-28-58, Cl. 89—33.
- Elliott, Howard G., to Mergenthaler Linotype Co. Stop means for typographical composing machine. 2,820,543, 1-21-58, Cl. 199—18.
- Elliott, James D., E. J. Jordan, T. C. Pegnim, and J. B. Cohn, to American Machine & Foundry Co. Totalizing apparatus. 2,844,314, 7-22-58, Cl. 235—92.
- Elliott, John, deceased; Security Trust Co., executor, to Dade Reagents, Inc. Process for preparing an enteral feeding solution. 2,850,386, 9-2-58, Cl. 99—14.
- Elliott, John J., to The Ajax Mfg. Co. Single stroke press control. 2,850,132, 9-2-58, Cl. 192—144.
- Elliott, John S., and E. D. Edwards, to C. C. Wakefield & Co. Ltd. Lubricating compositions. 2,820,766, 1-21-58, Cl. 252—46.6.
- Elliott, John S., and E. D. Edwards, to C. C. Wakefield & Co. Ltd. Lubricating oils. 2,836,561, 5-27-58, Cl. 252—33.6.
- Elliott, John S., and E. D. Edwards, to C. C. Wakefield & Co. Ltd. Lubricating compositions. 2,836,565, 5-27-58, Cl. 252—48.4.
- Elliott, Joseph. Automatic line release for use on fishing rods. 2,846,804, 8-12-58, Cl. 43—25.
- Elliott, Joseph H.: *See*—
 Barley, Thomas, Elliott, and Kinsey. 2,829,032.
- Elliott, Otis D.: *See*—
 Baker, Harold L. 2,819,690.
 Baker, Harold L. 2,828,489.
- Elliott, Richard M., and J. L. Minto, to United Shoe Machinery Corp. Apparatus for use in tensile testing. 2,827,705, 3-25-58, Cl. 33—147.
- Elliott, Robert H., Jr. Electrocleaner for brass. 2,830,942, 4-15-58, Cl. 204—141.
- Elliott, Robert S., to Hughes Aircraft Co. Mechanical phase shifter. 2,836,821, 5-27-58, Cl. 343—854.
- Elliott, Robert S., to Hughes Aircraft Co. Duo-mode wave energy feed. 2,853,685, 9-23-58, Cl. 333—21.
- Elliott, Robert V., and R. G. Packard. Accelerometer. 2,837,082, 6-3-58, Cl. 128—206.
- Elliott, Stanley B.: *See*—
 Hansen, Floyd R., and Elliott. 2,844,572.
 Nicholson, Albright M., and Elliott. 2,835,649.
- Elliott, Stanley B., to Ferro Chemical Corp. Vinyl chloride resin stabilized with polyhydric alcohol and Friedel-Crafts catalyst. 2,861,052, 11-18-58, Cl. 260—45.75.
- Elliott, William S., to Collins Radio Co. Frequency modulation transceiver with combined frequency control. 2,846,572, 8-5-58, Cl. 250—13.
- Elliott, William T., R. Ball, and E. G. Sturgeon, to Syncro Corp. Combustion engine starting assemblies. 2,831,352, 4-22-58, Cl. 74—6.
- Ellis, Allen R., to United States of America as represented by the Secretary of the Air Force. Balanced capacitive type couplers. 2,826,743, 3-11-58, Cl. 333—27.
- Ellis, Carlos B.: *See*—
 Morris, William W., and Ellis. 2,863,032.
- Ellis, Charles A., to Sargent & Co. Latch bolt. 2,823,941, 2-18-58, Cl. 292—137.
- Ellis, Charles R., and G. M. Reinsmith, to General Electric Co. Electrical circuit coupling apparatus. 2,844,800, 7-22-58, Cl. 333—33.
- Ellis, D. R. Mfg. Co.: *See*—
 Ellis, Wayne S. 2,831,705.
- Ellis, David A.: *See*—
 Bailes, Richard H., and Ellis. 2,849,279.
 Bailes, Richard H., Ellis, and Long. 2,864,667.
- Ellis, David H., to The Oscar C. Rixson Co. Door closer centering stop. 2,866,224, 12-30-58, Cl. 16—55.
- Ellis-Foster Co.: *See*—
 Rust, John B. 2,843,628.
 Rust, John B., and Canfield. 2,861,054.
- Ellis, George S., to L & L Mfg. Co. Fluid pressure coupling with wedged sealing sleeves. 2,852,281, 9-16-58, Cl. 285—89.
- Ellis, Glyn, J. Hartley, and J. C. Moseley, to Shell Development Co. Preparation of basic polyvalent metal salts of organic acids. 2,865,956, 12-23-58, Cl. 260—504.
- Ellis, Grenville B., to United States of America, Army. Dry battery capacity predictor. 2,853,676, 9-23-58, Cl. 324—29.5.
- Ellis, Herbert B., to Aerojet-General Corp. Pressure absorbing device. 2,828,770, 4-1-58, Cl. 138—30.
- Ellis, James A. Threaded insert removing and applying tool. 2,851,768, 9-16-58, Cl. 29—213.
- Ellis, James N.: *See*—
 McConnell, Howard M., and Ellis. 2,843,768.
- Ellis, John L.: *See*—
 Goetzel, Claus G., Adamec, Knox, and Ellis. 2,827,874.
 Goetzel, Claus G., and Ellis. 2,863,562.
 Goetzel, Claus G., Grant, Skolnick, and Ellis. 2,828,202.
- Ellis, John L., J. D. Knox, J. B. Adamec, and C. G. Goetzel, to Sintercast Corp. of America. Method for the precision production of infiltrated articles. 2,843,501, 7-15-58, Cl. 117—50.
- Ellis, Lee. Try-on slippers. 2,862,311, 12-2-58, Cl. 36—11.5.
- Ellis, Lockwood B., to General Motors Corp. Flow control valve means. 2,858,987, 11-4-58, Cl. 236—101.
- Ellis, Lockwood B., and G. C. Trevarthen, to General Motors Corp. Piston structure. 2,849,264, 8-26-58, Cl. 309—11.
- Ellis, Ray E. Coating textiles with methyl silicone resin and N,N'-diphenyl guanidine. 2,859,137, 11-4-58, Cl. 117—161.
- Ellis, Robert. Fish hooks. 2,865,131, 12-23-58, Cl. 43—43.16.
- Ellis, Robert B.: *See*—
 Gallagher, William P., Stolle, and Ellis. 2,842,626.
- Ellis, Rollo G., to Micromatic Hone Corp. Machine for grinding parallel surfaces. 2,861,400, 11-25-58, Cl. 51—118.
- Ellis, Russell S. Driving apparatus. 2,861,777, 11-25-58, Cl. 253—166.
- Ellis, Sidney G., to Radio Corp. of America. Semiconductor devices. 2,861,909, 11-25-58, Cl. 148—33.
- Ellis, Steven G.: *See*—
 Atkinson, Ralph B., and Ellis. 2,822,427.
 Atkinson, Ralph B., and Ellis. 2,826,634.
 Atkinson, Ralph B., and Ellis. 2,853,560.
- Ellis, Warren C., D. C. Rowlands, and D. P. Uhl, to Air Reduction Co., Inc. Monohemiacetal. 2,860,963, 11-18-58, Cl. 71—2.7.
- Ellis, Wayne P., L. I. Smith, and I. J. Steltz, to Benjamin Foster Co. Flameproof mastic composition containing isobutylene polymer. 2,861,967, 11-25-58, Cl. 260—28.5.
- Ellis, Wayne S., to D. R. Ellis Mfg. Co. Implement hitch with automatic tracking means. 2,831,705, 4-22-58, Cl. 280—446.
- Ellis, William F.: *See*—
 Moulthrop, Benjamin L., and Ellis. 2,857,335.
- Ellis, Wright. Feedback network for correcting distortion due to magnetic characteristics of deflection yokes. 2,859,379, 11-4-58, Cl. 315—27.
- Ellison, Carl A. Ice-fishing tilt. 2,837,857, 6-10-58, Cl. 43—17.
- Ellison, Charles D. Pick-proof partitioned pocket. 2,859,449, 11-11-58, Cl. 2—253.
- Ellison, George: *See*—
 Fletcher, Arthur H., Stark, and Ellison. 2,838,274.
- Ellison, Lynn E., to The Pure Oil Co. Corrosion meter. 2,824,283, 2-18-58, Cl. 324—65.
- Ellison, Lynn E., to The Pure Oil Co. Electronic resistance-change meter. 2,830,265, 4-8-58, Cl. 324—62.
- Ellison, Lynn E., to The Pure Oil Co. Spark plug tester. 2,851,653, 9-9-58, Cl. 324—16.
- Ellison, Lynn E., to The Pure Oil Co. Electrical corrosion probe. 2,864,925, 12-16-58, Cl. 201—63.
- Ellison, Wesley D.: *See*—
 Koen, Floyd, and Ellison. 2,857,555.
- Ellithorpe, Gilbert S., to Littlefuse, Inc. Emergency lighting system. 2,859,382, 11-4-58, Cl. 315—83.
- Elliston, Jessie M.: *See*—
 Packwood, Clovis. 2,848,027.
- Ellstrom, Elmer, Sr., to Dearborn Gage Co. Gage block assembly. 2,853,786, 9-30-58, Cl. 33—168.
- Ellsworth, Merle G. Grinding mill including vibrating feed hammer. 2,828,924, 4-7-58, Cl. 241—222.
- Ellsworth, Robert M.: *See*—
 Woodruff, Richard L., and Ellsworth. 2,848,429.
- Ellwood, Walter B., to Bell Telephone Laboratories, Inc. Electric switch. 2,834,848, 5-13-58, Cl. 200—87.

- Ellwood, William P.: *See*—
Stover, Ancil C. 2,823,926.
- Elm, Paul E. Ladder attachment for paint can. 2,837,306, 6-3-58, Cl. 248-210.
- Elmeco A. G.: *See*—
Liebknecht, Werner. 2,844,316.
- Elmendorf, Armin. Shipping crates. 2,822,971, 2-11-58, Cl. 229-23.
- Elmendorf, Armin. Composite veneer or plywood panel. 2,831,793, 4-22-58, Cl. 154-45.9.
- Elmendorf, Armin. Process for manufacturing veneer panels. 2,831,794, 4-22-58, Cl. 154-132.
- Elmendorf, Armin. Flexible wood floor tiles. 2,835,936, 5-27-58, Cl. 20-75.
- Elmer, Arthur E. H.: *See*—
Orloff, George, Elmer, and Chorley. 2,821,068.
- Elmer, Arthur E. H., to British Messier Ltd. Fluid pressure servo system with valve actuating means having a differential feel. 2,855,900, 10-14-58, Cl. 121-41.
- Elmer, Arthur E. H., F. Pawling, and G. Orloff, to British Messier Ltd. Hydraulic aircraft control actuator. 2,859,734, 11-11-58, Cl. 121-40.
- Elmer, Augustus, Jr., to Elmer Candy Co., Inc. Tape applying device. 2,863,270, 12-9-58, Cl. 53-198.
- Elmer Candy Co., Inc.: *See*—
Elmer, Augustus, Jr. 2,863,270.
- Elmer, Curtis, and C. R. Stanley, to Monsanto Chemical Co. Melamine purification process. 2,863,869, 12-9-58, Cl. 260-249.7.
- Elmer, Otto C.: *See*—
Krug, Robert H., and Elmer. 2,844,538.
- Elming, Niels, J. T. Nielsen, and N. K. F. W. Clauson-Kaas, to A/S Sadolin & Holmblad. Furan intermediates useful to make pyridoxine. 2,839,539, 6-17-58, Cl. 260-346.2.
- Elmore, Charles W. Boat trailer with raising and lowering means. 2,827,187, 3-18-58, Cl. 214-505.
- Elms, Edwin F., to R. L. Brown. Fastener. 2,863,195, 12-9-58, Cl. 24-73.
- Elofson, Harry. Stalk and straw disintegrating and scattering mechanism. 2,858,867, 11-4-58, Cl. 146-164.
- Eloranta, Vaito K.: *See*—
Bing, Herbert A., Eloranta, Grey, and Maierhofer. 2,866,380.
- Land, Edwin H., and Eloranta. 2,854,903.
- Eloranta, Vaito K., to Polaroid Corp. Film magazine embodying processing means. 2,854,908, 10-7-58, Cl. 95-89.
- Elovic, Alexander, and D. T. Best, to Burroughs Corp. Magnetic recording. 2,824,776, 2-25-58, Cl. 346-74.
- Elox Corp. of Michigan: *See*—
Larkins, John S., Jr. 2,863,766.
- Matulaitis, Victor E. 2,856,565.
- Matulaitis, Victor E., and Lobur. 2,866,921.
- Elpern, Bill, to Sterling Drug Inc. Lower alkyl 4-phenyl-1-(3-phenyl-alkenyl and -alkynyl) piperidine-4-carboxylates and synthesis thereof. 2,824,875, 2-25-58, Cl. 260-294.3.
- Elpern, Bill, to Sterling Drug Inc. Lower alkyl 4-phenyl-1-(substituted-alkyl) piperidine-4-carboxylates and preparation thereof. 2,846,437, 8-5-58, Cl. 260-293.4.
- Elpern, Bill, to Sterling Drug Inc. 1-[aryl-(oxy- or mercapto) - (polycarbon - lower - alkyl)] - 4-acyloxy - 4-aryl-piperidines and preparation thereof. 2,850,500, 9-2-58, Cl. 260-294.3.
- Elpern, Bill, to Sterling Drug Inc. Tertiary-aminoalkyl substituted tetrazoles and preparation thereof. 2,852,515, 9-16-58, Cl. 260-247.5.
- El-Re-Ma S. A.: *See*—
Hoppe, Walter 2,854,541.
- Erick, Malcolm C., and M. B. Champlin. Collapsible curing rim. 2,850,768, 9-9-58, Cl. 18-45.
- Elsbett, Ludwig, to W. H. R. Behrens. Internal combustion engine. 2,853,061, 9-23-58, Cl. 123-41.17.
- Elschlager, John K. Cutter setting device. 2,827,711, 3-25-58, Cl. 33-185.
- Else, Harry D., D. R. Basel, and H. J. Braun, to Westinghouse Electric Corp. Liquid-cooled dynamoelectric machine. 2,862,119, 11-25-58, Cl. 310-54.
- Else, John G., and D. S. Pike, to General Motors Corp. Valve means. 2,819,025, 1-7-58, Cl. 236-101.
- Elser, William F., to Owens-Illinois Glass Co. Resilient valve mounting assembly. 2,863,699, 12-9-58, Cl. 299-95.
- Elsey, Cleo A. Multiple valve. 2,836,190, 5-27-58, Cl. 137-156.
- Elsi L'Electronica Sicula S. p. A.: *See*—
Laurin, Silvio. 2,830,216.
- Elsner, Edwin C., to McJohn Corp. Buckle. 2,818,623, 1-7-58, Cl. 24-75.
- Elsner, Edwin C., to Aeroquip Corp. Separable connector. 2,845,680, 8-5-58, Cl. 24-265.
- Elsner, Edwin C., to Aeroquip Corp. Releasable connector. 2,853,759, 9-30-58, Cl. 24-230.
- Elsner, Edwin C., to Aeroquip Corp. Pin loop fastener. 2,856,663, 10-21-58, Cl. 24-182.
- Elsner, Edwin C., to Aeroquip Corp. Rail. 2,859,057, 11-4-58, Cl. 287-20.5.
- Elsner, Edwin C., to Aeroquip Corp. Rail-connected fitting. 2,859,710, 11-11-58, Cl. 105-369.
- Elsner, Edwin C., to McJohn Corp. Buckle. 2,864,145, 12-16-58, Cl. 24-75.
- Elson, David W., to The General Electric Co. Ltd. Apparatus for comparing the instantaneous values of two voltages. 2,864,000, 12-9-58, Cl. 250-27.
- Elson, George W.: *See*—
Brian, Percy W., Radley, Curtis, and Elson. 2,842,051.
- Elster & Co., A. G.: *See*—
Volker, Ulrich. 2,826,214.
- Elton, Maurice, and P. A. Winsor, to Shell Development Co. Textile lubricants. 2,853,453, 9-23-58, Cl. 252-8.75.
- Elton, Robert G., to Eastman Kodak Co. Film metering and shutter setting mechanism. 2,819,664, 1-14-58, Cl. 95-31.
- Elton, William L.: *See*—
Mottet, Theodore J., and Elton. 2,854,355.
- Elwell, David K., to Sylvania Electric Products Inc. Pin protector gauge. 2,861,250, 11-18-58, Cl. 339-36.
- Elwell, Donald F., and A. M. Souder, to Minneapolis-Honeywell Regulator Co. Sensitive instruments. 2,829,522, 4-8-58, Cl. 74-5.6.
- Elwell, Henry G., Jr., to Bendix Aviation Corp. Indicating system. 2,820,939, 1-21-58, Cl. 318-309.
- Elwell, William E., and J. C. Butler, to California Research Corp. Polyvinyl chloride resin plasticized with triethylene glycol di-meta-toluene. 2,823,192, 2-11-58, Cl. 260-31.4.
- Elwood, Calvin A., and W. T. Everitt, to Eastman Kodak Co. High speed festoon storage device. 2,831,677, 4-22-58, Cl. 271-22.
- Ely, Austin L.: *See*—
Blake, John T., and Ely. 2,866,103.
- Ely, Frederic G., C. E. Rogers, and J. B. Romer, to The Babcock & Wilcox Co. Method of recovering chemicals from the residual liquor produced in the pulping of cellulosic materials. 2,819,150, 1-7-58, Cl. 23-131.
- Ely, Spencer C. Contour marker. 2,828,545, 4-1-58, Cl. 33-21.
- Elyosius, Donald A., and P. V. Stern-mounted hydrofoil device. 2,832,304, 4-29-58, Cl. 114-66.5.
- Elyosius, Peter V.: *See*—
Elyosius, Donald A., and P. V. 2,832,304.
- Emanatian, Richard. Vehicle for distributing small particle solids. 2,832,509, 4-29-58, Cl. 222-80.
- Emanatian, Richard. Roller-type door catches. 2,832,622, 4-29-58, Cl. 292-73.
- Emanuel di Giuseppe E Roberto Emanuel & C. Società in Accomandita Semplice: *See*—
Emanuel, Roberto. 2,820,557.
- Emanuel, Roberto, to Emanuel di Giuseppe E Roberto Emanuel & C. Società in Accomandita Semplice. Travelling crane. 2,820,557, 1-21-58, Cl. 214-394.
- Emanuel, Vincent, to Grant Oil Tool Co. Well bore engaging tool. 2,834,579, 5-13-58, Cl. 255-73.
- Emanuel, Walter A., C. M. Holstrom, and K. O. Sweeney. Rugged sensitive hydrometer. 2,845,799, 8-5-58, Cl. 73-448.
- Emanuelsson, Gunnar G., to Telefonaktiebolaget L M Ericsson. Device intended to convert a pulse into a new pulse having a steep leading edge. 2,851,614, 9-9-58, Cl. 307-88.5.
- Emblem, Harold G., and J. Aston, to Rolls-Royce Ltd. Mould and method of making the same casting. 2,829,060, 4-1-58, Cl. 106-38.35.
- Emblem, Harold G., and D. J. Cloherty, to Rolls-Royce Ltd. Method of forming moulds for precision casting. 2,842,441, 7-8-58, Cl. 106-38.3.
- Emblem, Harold G., and D. J. Cloherty, to Rolls-Royce Ltd. Binding liquid for moulds used in precision casting. 2,842,445, 7-8-58, Cl. 106-38.35.
- Embler, Joseph D. Side loading automobile top carrier. 2,849,135, 8-26-58, Cl. 214-450.
- Embre, Chester D. Dispensing machines. 2,824,774, 2-25-58, Cl. 312-39.
- Embschhoff, George F.: *See*—
Gerth, Albert E., and Embschhoff. 2,854,550.
- Emde, Hans: *See*—
Grimme, Walter, and Emde. 2,822,379.
- Emed Inc.: *See*—
Wirsing, Sebastian. 2,833,292.
- Emeis, Reimer, to Siemens-Schuckertwerke Aktiengesellschaft. Silicon-base semiconductor devices and method of manufacture thereof. 2,831,787, 4-22-58, Cl. 148-1.5.
- Emeis, Reimer, to Siemens-Schuckertwerke Akt. Junction transistors. 2,837,704, 6-3-58, Cl. 317-235.
- Emenee Industries, Inc.: *See*—
Kreisel, William J. 2,862,412.
- Emeriat, Raymond, to Societe de la Pile Leclanche. Flat type battery and method of manufacture thereof. 2,834,827, 5-13-58, Cl. 136-111.
- Emerson, Cherry L., Jr., to Beckwith-Arden Inc. Box toe materials. 2,840,492, 6-24-58, Cl. 117-140.
- Emerson, Howard J.: *See*—
Juengst, John H., and Emerson. 2,848,107.
- Emerson, John: *See*—
Crane, Carlton L., and Emerson. 2,852,507.
- Hiatt, Gordon D., and Emerson. 2,865,898.
- Emerson, John F.: *See*—
Snyder, Ellery, and Emerson. 2,825,229.
- Emerson, John H. Respirator casing and methods of producing the same. 2,853,998, 9-30-58, Cl. 128-30.
- Emerson, John H. Valve apparatus for dispensing gas. 2,861,569, 11-25-58, Cl. 128-142.
- Emerson, John R., to Fuller & Emerson Mfg. Co. Anti-stall device or dash-pot. 2,862,702, 12-2-58, Cl. 267-1.
- Emerson, Oliver H., to United States of America, Agriculture. Preparation of dialkoxyphenyl thiopyruvic acids. 2,863,915, 12-9-58, Cl. 260-516.

- Emerson-Pryne Co.: *See*—
Pryne, Ralph. 2,839,987.
- Emerson Radio and Phonograph Corp.: *See*—
Bayha, Jack E. 2,855,550.
Bayha, Jack E., and Burger. 2,844,250.
Hollenbach, Frank J. 2,829,828.
Israel, Dorman D. 2,860,313.
Sperling, Jacob G. 2,825,813.
Weinstein, Mark. 2,825,861.
- Emerson, William A., to Westinghouse Electric Corp. Induction heating apparatus. 2,828,387, 3-25-58, Cl. 219—10.43.
- Emerson, William A., to Westinghouse Electric Corp. Induction heating unit. 2,836,694, 5-27-58, Cl. 219—10.41.
- Emerson, William A., R. M. Baker, and F. B. Jaworski, to Westinghouse Electric Corp. Valve seat heating device. 2,824,729, 2-25-58, Cl. 266—4.
- Emerson, William A., W. B. Brown, and C. A. Kuhne, to Westinghouse Electric Corp. Apparatus for induction heating. 2,840,677, 6-24-58, Cl. 219—10.67.
- Emerson, William S., and R. I. Longley, Jr., to Monsanto Chemical Co. Polycyclic dihydropyrans and preparation thereof. 2,836,603, 5-27-58, Cl. 260—340.5.
- Emery, Alfred H. Adjustable dial indicator gages. 2,832,151, 4-29-58, Cl. 33—172.
- Emery, Frederic P.: *See*—
Perkins, Harley A., Jr., and Emery. 2,828,448.
- Emery Industries, Inc.: *See*—
Aylesworth, Robert D. 2,861,955.
Sprang, Cornelius A., and Webster. 2,820,802.
- Emery, John L.: *See*—
Mathamel, Flavius A., and Emery. 2,840,204.
- Emery, Lewis V., to Hydra-Air Products. Additive feeding means. 2,841,165, 7-1-58, Cl. 137—99.
- Emery, Raymond W.: *See*—
Henle, Robert A., and Emery. 2,852,700.
Henle, Robert A., Emery, Bruce, and MacSorley. 2,861,200.
- Emery, Richard L., to Keyes Fibre Co. Packing for fragile articles. 2,838,173, 6-10-58, Cl. 206—65.
- Emery, Richard L., to Keyes Fibre Co. Molded pulp packaging members. 2,863,995, 12-9-58, Cl. 229—2.5.
- Emhart Mfg. Co.: *See*—
Ardell, Edgar, Holstebro, and Wozniak. 2,851,837.
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Giffen, James L. 2,818,949.
Holstebro, Kaye B., and Lippincott. 2,863,268.
- Eminger, Robert J.: *See*—
Lill, John F., and Eminger. 2,847,170.
- Emley, Edward F.: *See*—
Jessup, Alfred C., and Petch. 2,829,973.
- Emley, Warren E., Jr., to United States of America, Navy. Inflatable seal for relatively sliding surfaces. 2,859,987, 11-11-58, Cl. 286—26.
- Emm, Fred A., to Armco Steel Corp. Wire coating. 2,840,890, 7-1-58, Cl. 29—180.
- Emmel, David G., to Westinghouse Air Brake Co. Remote control systems. 2,848,707, 8-19-58, Cl. 340—163.
- Emmerich, Claude L.: *See*—
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- Emmerich, Ernst, to Schloemann Aktiengesellschaft. Method of discontinuously sheathing heat-sensitive cables or the like. 2,828,859, 5-1-58, Cl. 207—10.
- Emmerling, Anson A., to General Electric Co. Dynamometer. 2,845,795, 8-5-58, Cl. 73—136.
- Emmerson, James W. Electric soldering tools. 2,844,697, 7-22-58, Cl. 219—26.
- Emmert, Ernest G., to The Standard Register Co. Ink receptive oil transparentized paper. 2,851,378, 9-9-58, Cl. 117—154.
- Emmert, Roland C. Folding leg hinge and latch structure. 2,838,353, 6-10-58, Cl. 311—99.
- Emmett, Robert A., Jr. Automatic range tracking system. 2,854,661, 9-30-58, Cl. 343—7.3.
- Emmins, Kingsley L. Tie tensioning and fastening device. 2,835,015, 5-20-58, Cl. 24—271.
- Emmons, Arthur N., to The Porter-Cable Machine Co. Combination straight and bevel cutter. 2,839,107, 6-17-58, Cl. 144—218.
- Emmons, Arthur N., to The Porter-Cable Machine Co. Jack shaft and guard unit for wood working saws. 2,861,607, 11-25-58, Cl. 143—159.
- Emmons, Joseph V., and N. A. Smith, to The Cleveland Twist Drill Co. Drilling bit for construction work. 2,859,645, 11-11-58, Cl. 77—70.
- Emmons, Nelson, III, to The Sheffield Corp. Fluid leakage gauging device. 2,861,451, 11-25-58, Cl. 73—38.
- Empaques de Carton Titan, S. A.: *See*—
Wilmot, George. 2,835,432.
- Empire Brushes, Inc.: *See*—
Schwartz, Harold H., and Ettore. 2,832,089.
Zottola, Frank. 2,858,557.
- Empire Cable Corp.: *See*—
Short, Byerl M. 2,860,319.
- Empire Devices Products Corp.: *See*—
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- Empire Oil Tool Co.: *See*—
Garrison, Marion A. 2,852,230.
- Empire Paper Mills Ltd.: *See*—
Western, Arthur W., and Taylor. 2,852,986.
- Empire Products, Inc.: *See*—
Senior, Robert. 2,851,670.
- Emrick, Dorothea A.: *See*—
Emrick, Melvin H. 2,863,339.
- Emrick, Melvin H. Lead screw tapping unit. 2,832,224, 4-29-58, Cl. 74—57.
- Emrick, Melvin H., deceased; D. A. Emrick, executrix. Hydraulic air drilling unit. 2,863,339, 12-9-58, Cl. 77—33.5.
- Emsig Mfg. Co.: *See*—
Troll, William A. 2,830,549.
- Emte, Werner: *See*—
Hingst, Georg, and Emte. 2,829,985.
- Emulsol Chemical Corp.: *See*—
Bernstein, Carl. 2,832,801.
- Enbee Transparent Specialty Co., Inc.: *See*—
Engelstein, Stanley. 2,843,955.
- Encinas, Frank A. Exhaust filter for internal combustion gas engines. 2,846,021, 8-5-58, Cl. 183—44.
- En Dean, Howard J., and A. L. Haines, to Gulf Research & Development Co. Automatic dual-zone storm choke. 2,831,539, 4-22-58, Cl. 166—73.
- En Dean, Howard J., J. D. Jones, and E. Topanelian, Jr., to Gulf Research & Development Co. Pipeline surveying. 2,834,113, 5-13-58, Cl. 33—141.5.
- Endee, Charles H. Golf bags. 2,820,498, 1-21-58, Cl. 150—1.5.
- Enderlein, Hans, and O. Konrad, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Tape-wound vessels or pipes for high-pressure service. 2,822,825, 2-11-58, Cl. 138—64.
- Enders, Edgar, to Farbenfabriken Bayer Aktiengesellschaft. Monoazo dyestuffs. 2,825,725, 3-4-58, Cl. 260—146.
- Enders, Walter. Method for non-destructive examination of ferro-magnetic workpieces for non-homogeneous spots. 2,855,565, 10-7-58, Cl. 324—40.
- Endevelu, Pieter G., to Vennootschap onder firma "D. O. V. O." Fabriek van Suikerwerken. Machine for manufacturing composite confectionery. 2,837,041, 6-3-58, Cl. 107—1.
- Endicott, Clarence J., T. A. Prickett, and A. A. Dallavis, to Abbott Laboratories. Aluminum aspirin granulation and method for making. 2,820,741, 1-21-58, Cl. 167—82.
- Endicott, Harold S., and G. E. Ledges, to General Electric Co. Method of treating mica. 2,863,721, 12-9-58, Cl. 23—110.
- Endicott Johnson Corp.: *See*—
Shultz, Edward L. 2,842,872.
- Endicott Machine & Tool Co., Inc.: *See*—
Thomas, Orrin H. 2,842,993.
- Endler, Harry H. A., and E. Bulgarelli, to Montecatini Società Generale per l'Industria Mineraria e Chimica. Catalyst for the production of olefinic oxides. 2,825,701, 3-4-58, Cl. 252—175.
- Endo Laboratories, Inc.: *See*—
Schlesinger, Albert, Schoen, and Gordon. 2,834,782.
- Endrezze, William E. Radial expanding, missile, torpedo fins. 2,847,960, 8-19-58, Cl. 114—20.
- Endrezze, William E. Streamline submarine passenger liner. 2,859,721, 11-11-58, Cl. 114—16.
- Endriss, Paul A.: *See*—
Mincher, Clarence C., and Endriss. 2,853,103.
- Endsdown Co., Inc.: *See*—
Liebowitz, Benjamin. 2,849,720.
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Loew, Theodore. 2,849,719.
- Endter, Friedrich: *See*—
Wagner, Ernst, and Endter. 2,829,951.
- Endter, Waldemar A. Door latching mechanism. 2,863,688, 12-9-58, Cl. 292—221.
- Enell, Milton J. Pressure testing devices. 2,847,851, 8-19-58, Cl. 73—40.
- Eneström, Raul: *See*—
Di Pascuale, Diego F. J., Dinardi, and Eneström. 2,818,923.
- Engbert, Francis A. Pivoted sweep arm bender. 2,855,019, 10-7-58, Cl. 153—46.
- Engel, Alfred J.: *See*—
Hill, Roger W., and Engel. 2,837,582.
- Engel, Carl E., and S. E. Harris, to Hoffmann-La Roche Inc. Automatic ampul drying machine. 2,843,370, 7-15-58, Cl. 263—8.
- Engel, Ernest E. O., and F. W. G. Gibbs, to Engel & Gibbs, Ltd. Control switches. 2,830,160, 4-8-58, Cl. 200—152.
- Engel & Gibbs Ltd.: *See*—
Engel, Ernest E. O., and Gibbs. 2,830,160.
- Engel, Herman J. Pencil holder. 2,846,689, 8-12-58, Cl. 2—250.
- Engel, John B., and L. E. Plettner, to Bay West Paper Co. Cabinet mechanism for dispensing predetermined lengths of a web such as towelling. 2,839,345, 6-17-58, Cl. 312—39.
- Engel, Walter, to Sulzer Freres, Société Anonyme. Means for producing superheated vapor. 2,825,314, 3-4-58, Cl. 122—382.
- Engel, Willem F., to Shell Development Co. Catalytic reforming of hydrocarbon oils. 2,863,825, 12-9-58, Cl. 208—138.
- Engel, Willem F., and P. Krijger, to Shell Development Co. Process for preparing improved catalysts moulded into pieces or carriers thereof. 2,862,278, 12-2-58, Cl. 25—156.
- Engel, William T.: *See*—
Wockenfuss, William, and Engel. 2,853,940.
- Engel, William T., to Burroughs Corp. Record sensing device. 2,833,473, 5-6-58, Cl. 235—61.11.

- Engel, Wolfgang. Zig-zag sewing machine with simplified material feed control gearing. 2,846,966, 8-12-58, Cl. 112-210.
- Engelbart, Douglas C., to Digital Techniques, Inc. Glow discharge device. 2,847,603, 8-12-58, Cl. 313-188.
- Engelbart, Douglas C., to Digital Techniques, Inc. Memory device. 2,847,615, 8-12-58, Cl. 315-84.6.
- Engelbrecht, Joseph F., to Consolidated Controls Corp. Limp diaphragm actuator. 2,839,086, 6-17-58, Cl. 137-784.
- Engelbrecht, Donald A.: *See*—
- Cline, William E., De Lancey, and Engelbrecht. 2,835,452.
- Engelder, Arthur E. Gas flow control unit. 2,828,050, 3-25-58, Cl. 222-5.
- Engelen, Bernard J., Sr. Sacral nerve relieving seat cushion and back. 2,855,986, 10-14-58, Cl. 155-182.
- Engelhard, Hermann, K. Credner, and G. Renwanz, to Veritas Drug Co., Ltd. Pyridyl-bromobenzyl-dialkyl diamines. 2,843,595, 7-15-58, Cl. 260-296.
- Engelhard Industries, Inc.: *See*—
- Anderson, William T., Jr., and Samer. 2,847,614.
- Bird, Lester F. 2,858,481.
- Lorenz, Albert. 2,844,706.
- Teter, John W., Gring, and Keith. 2,838,375.
- Teter, John W., Gring, and Keith. 2,838,444.
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- Engelhard, Otto, to Native Laces & Textiles, Inc. Fabric and method of making the same. 2,852,834, 9-23-58, Cl. 28-76.
- Engelhard, William E. Method of and apparatus for heat treating parts. 2,862,843, 12-2-58, Cl. 148-21.55.
- Engelhardt, Armin E., to United States of America, Army. Parachute controlled disconnect. 2,852,217, 9-16-58, Cl. 244-151.
- Engelhardt, Edward L., and H. C. Zell, to Merck & Co., Inc. Aminomethylbenzimidazoles. 2,857,391, 10-21-58, Cl. 260-294.7.
- Engelhardt, Hugh: *See*—
- Engelhardt, Hugo, and Schwartz. 2,824,942.
- Engelhardt, Hugo, and H. R. Schwartz, to Hugh Engelhardt and J. L. Schwartz, d. b. a. Philadelphia Thermometer Co. Temperature regulating device. 2,824,942, 2-25-58, Cl. 219-20.
- Engelhardt, Vaughn A.: *See*—
- Crawford, Robert J., Engelhardt, and Holmquist. 2,840,608.
- Engelking, Frederick S., and J. P. Jero, to Caterpillar Tractor Co. Ceramic seal. 2,853,323, 9-23-58, Cl. 286-11.4.
- Engelmann, Max, to Ernst Leitz G. m. b. H. Stereomicroscope with overhead illumination. 2,850,944, 9-9-58, Cl. 88-39.
- Engels, Eugene O., and H. J. Daley, to Baker Perkins Inc. Automatic loaders for proofer. 2,835,374, 5-20-58, Cl. 198-31.
- Engelson, George E.: *See*—
- Wendell, Charles B., Jr., and Engelson. 2,829,949.
- Wendell, Charles B., Jr., Engelson, and Donohue. 2,849,293.
- Engelstad, George E.: *See*—
- Mazzio, Anthony J., Niesen, Engelstad, and Du Bois. 2,821,910.
- Engelstein, Stanley, to Enbee Transparent Specialty Co., Inc. Record card and film holder assembly. 2,843,955, 7-22-58, Cl. 40-158.
- Engemann, Herbert H. Valve tip construction. 2,827,891, 3-25-58, Cl. 123-188.
- Enger-Kress Co.: *See*—
- Baumgartner, Josef. 2,851,077.
- Eger, Robert C., and F. R. Park, Jr., to Union Carbide Corp. Atmospheric vaporizer. 2,823,521, 2-18-58, Cl. 62-1.
- Enghauser Mfg. Co., Inc.: *See*—
- Enghauser, Winford L. 2,835,475.
- Enghauser, Winford L. 2,844,185.
- Enghauser, Winford L., to Enghauser Mfg. Co., Inc. Interchangeable fence or guard rail structure. 2,835,475, 5-20-58, Cl. 256-22.
- Enghauser, Winford L., to Enghauser Mfg. Co., Inc. Method of and apparatus for bending workpieces by pushing them into a curved die-cavity. 2,844,185, 7-22-58, Cl. 153-48.
- Engholdt, Richard K.: *See*—
- Alfery, Henry F., and Engholdt. 2,852,072.
- Engi, Walter: *See*—
- Ditting, Adolf, and Engi. 2,852,202.
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- Engi, Walter, to A. Ditting. Attachment for coffee and spice mills and the like. 2,850,048, 9-2-58, Cl. 141-90.
- Engine Life Products Corp.: *See*—
- Reinshagen, John L. 2,830,359.
- Engine Parts Mfg. Co., The: *See*—
- Stetz, Robert J., and Rogers. Re. 24,414.
- Engineered Products Co., The: *See*—
- Scott, Hayes O., and Pietsch. 2,840,408.
- Engineering Development Co., Inc.: *See*—
- Wood, Albert. 2,839,921.
- Engineering & Industrial Exports Ltd.: *See*—
- Digby-Smith, Rodman, and Sefton-Jenkins. 2,842,786.
- Engineering Industries Corp.: *See*—
- Sampson, Will D. 2,841,898.
- Engineering Research Corp., The: *See*—
- Barret, William M. Re. 24,489.
- Barret, William M., and Clement. 2,860,340.
- England, David C.: *See*—
- Cleaver, Charles S., and England. 2,861,990.
- England, David C., to E. I. du Pont de Nemours and Co. α -sulfolipolyfluoromonocarboxylic acids and derivatives hydrolyzable thereto. 2,852,554, 9-16-58, Cl. 260-481.
- England, Kenneth W. Combination brake and throttle actuator for vehicles. 2,856,042, 10-14-58, Cl. 192-3.
- England, Max R., Jr. Container cap. 2,839,210, 6-17-58, Cl. 215-46.
- England, Richard J., to E. I. du Pont de Nemours and Co. Caprolactam manufacture. 2,861,988, 11-25-58, Cl. 260-239.3.
- England, The Lord Mayor, Aldermen and Citizens of Liverpool: *See*—
- Haughton, Ernest. 2,845,300.
- England, Wilfred O.: *See*—
- Hill, Emil H., and England. 2,840,678.
- England, William A., to Monroe Calculating Machine Co. Control circuits for rotary stepping switches. 2,834,923, 5-13-58, Cl. 317-149.
- England, William A., to Monroe Calculating Machine Co. Shift register. 2,861,216, 11-18-58, Cl. 315-84.5.
- Englander Co., Inc., The: *See*—
- Koenigsberg, Max. 2,853,721.
- Koenigsberg, Max. 2,859,455.
- Wetzler, Justin J. 2,823,734.
- Wetzler, Justin J. 2,841,209.
- Wetzler, Justin J. 2,843,857.
- Englehart, Oscar D., J. R. Sadesky, J. W. Morris, and R. S. Sherbondy, to Pittsburgh Plate Glass Co. Preliminary pressing of laminated glass. 2,837,453, 6-3-58, Cl. 154-2.70.
- Englehart, Oscar D., and R. J. Mazzoni, to Pittsburgh Plate Glass Co. Multiple glazed unit. 2,828,810, 6-17-58, Cl. 20-56.5.
- Engler, John F. Wheel height adjustment. 2,828,968, 4-1-58, Cl. 280-43.
- Englert, Joseph A., and B. Kasey, to Crane Co. Pulp stock valve. 2,851,051, 9-9-58, Cl. 137-242.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Packaging machine. 2,827,148, 3-18-58, Cl. 198-30.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Packaging machine. 2,827,151, 3-18-58, Cl. 198-37.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Tablet bottle filling machine. 2,829,476, 4-8-58, Cl. 53-159.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Bottle conveying and filling machine. 2,829,478, 4-8-58, Cl. 53-251.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Conveyor loading mechanism. 2,832,181, 4-29-58, Cl. 53-176.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Conveying, packaging and slitting machine. 2,835,087, 5-20-58, Cl. 53-63.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Package and method of forming. 2,835,380, 5-20-58, Cl. 206-47.
- Engleson, Harry E., and E. Sramek, to F. B. Redington Co. Article transporting and conveying mechanism. 2,850,142, 9-2-58, Cl. 198-33.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Conveying, packaging and slitting machine. 2,850,144, 9-2-58, Cl. 198-34.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Conveyor loading mechanism. 2,853,177, 9-23-58, Cl. 198-35.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Carton expanding and transfer mechanism. 2,864,288, 12-16-58, Cl. 93-53.
- English, Charles C. Lawn sprinkler. 2,852,309, 9-16-58, Cl. 299-126.
- English, Clifford W.: *See*—
- Smith, Randolph W. 2,854,767.
- English Electric Co. Ltd.: *See*—
- Creasey, Raymond F., Horafeld, and Cara. 2,864,571.
- Hughes, John O. P. 2,821,277.
- Paddison, Eric. 2,866,926.
- Parker, George and A. W. 2,855,793.
- Sharples, Geoffrey F. 2,842,326.
- Shaw, Norman H. 2,839,715.
- Smith, James M. 2,851,851.
- Smith, John W. 2,836,472.
- Smith, John W. F. and R. H. B. 2,831,165.
- Webster, Frank A., and Hewson. 2,864,603.
- English Electric Valve Co. Ltd.: *See*—
- Banks, George B. 2,862,140.
- Lake, Ronald E. 2,840,745.
- Sixsmith, Herbert. 2,837,695.
- Thonemann, Peter C. 2,855,538.
- Young, Arthur J., and Bagnall. 2,860,281.
- English, James F., Jr., to Bailey Meter Co. Bolometer. 2,855,492, 10-7-58, Cl. 201-63.
- English, John R.: *See*—
- Adams, Cecil E., and English. 2,856,861.
- English, John R., to American Brake Shoe Co. Fluid energy translating apparatuses. 2,853,023, 9-23-58, Cl. 103-136.
- English, Lawrence P., to K S M Products, Inc. Stud welding circuit. 2,847,557, 8-12-58, Cl. 219-98.
- English, Leonard W., to Auto-Klean Strainers Ltd. Straining or filtering apparatus for liquids. 2,855,106, 10-7-58, Cl. 210-492.

- English Racing Automobiles Ltd.: *See*—
 Syson, Richard H. 2,863,435.
- English Steel Corp. Ltd.: *See*—
 Ballington, Bernard T. 2,829,240.
 Cleghorn, George S. 2,827,685.
- English, W. F.: *See*—
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- English, William P., to Fairchild Engine and Airplane Corp.
 Bearing cooling system. 2,826,895, 3-18-58, Cl. 60—35.6.
- Engman, Gerald: *See*—
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- Engman, Gerald. Moisture separator for air pressure lines.
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- Engnell, Knute O.: *See*—
 Peterson, Merle H., Adams, and Engnell. 2,827,842.
- Engram, Frank P.: *See*—
 Stearns, Austin J. 2,840,072.
- Engstrand, Gunnar C., to Frederic R. Harris, Inc. Floating
 dry dock. 2,834,311, 5-13-58, Cl. 114—45.
- Engström, Erik R., to Aktiebolaget Bofors. Track plate for
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 Cl. 305—10.
- Engstrom, Ernst F. Citrus fruit peeling device. 2,858,605,
 11-4-58, Cl. 30—24.
- Engstrom, Gunnar P., and H. Forssell, to Allmanna Svenska
 Elektriska Aktiebolaget. Means for grid control of a
 converter. 2,820,177, 1-14-58, Cl. 315—145.
- Engstrom, Oscar L. Drink mixing and dispensing device.
 2,825,491, 3-4-58, Cl. 222—133.
- Engstrom, Thor, and F. L. Rice, to United States Steel Corp.
 Apparatus for making bottom in soaking pits. 2,846,090,
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- Engstrom, William A., to Continental Motors Corp. Thermo-
 stat for engine cooling systems. 2,844,323, 7-22-58, Cl.
 236—34.5.
- Enk, Albert T., and H. M. Heyn, to Surface Combustion
 Corp. Article treating apparatus. 2,843,275, 7-15-58,
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- Enk, Albert T., and C. Cone, to Surface Combustion Corp.
 Heat-treating furnace. 2,856,173, 10-14-58, Cl. 263—7.
- Enk, Eduard: *See*—
 Ascherl, Alfons, Buttner, and Enk. 2,865,955.
- Enk, John W., to A. B. Chance Co. Fuse link. 2,859,307,
 11-4-58, Cl. 200—123.
- Enkelmann, Walter: *See*—
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 2,861,508.
- Enkelmann, Walter, to Unicron Engineering Corp. Impinge-
 ment dry box assembly. 2,842,865, 7-15-58, Cl. 34—159.
- Enkelmann, Walter, to Unicron Engineering Corp. Positive
 drive assembly for constant tension, film handling machine.
 2,865,630, 12-23-58, Cl. 271—2.3.
- Enna Ltd.: *See*—
 Robb, William T. 2,855,024.
- Enna-Werk Optische Anstalt Dr. Appelt K. G.: *See*—
 Lautenbacher, Johann, and Brendel. 2,821,112.
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- Ennis, Arthur S., to Metropolitan-Vickers Electrical Co. Ltd.
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 apparatus. 2,822,700, 2-11-58, Cl. 74—411.
- Enomoto, Masamichi. Method of making single crystal semi-
 conductor elements. 2,850,414, 9-2-58, Cl. 148—1.6.
- Enos, Herman L., Jr.: *See*—
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- Enos, Herman L., Jr., to Hercules Powder Co. Preparation
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 benzenes in the presence of aluminum chloride. 2,839,591,
 6-17-58, Cl. 260—668.
- Enos, Herman L., Jr., to Hercules Powder Co. Preparation
 of m- and p-diisopropylbenzene. 2,864,874, 12-16-58, Cl.
 260—671.
- Enos, John P., to The Singer Mfg. Co. Work-jogging attach-
 ments for sewing machines. 2,820,425, 1-21-58, Cl.
 112—160.
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 attachments for sewing machines. 2,828,704, 4-1-58, Cl.
 112—160.
- Enos, John P., to The Singer Mfg. Co. Ornamental zigzag
 stitching attachments with die cast frames. 2,828,705,
 4-1-58, Cl. 112—160.
- Enos, John P., to The Singer Mfg. Co. Cloth holding devices
 for sewing machine work jogging attachments. 2,849,973,
 9-2-58, Cl. 112—77.
- Enos, John P., to The Singer Mfg. Co. Sewing machine at-
 tachments for basting. 2,853,036, 9-23-58, Cl. 112—245.
- Enos, John P., to The Singer Mfg. Co. Ornamental zigzag
 stitching attachments. 2,861,528, 11-25-58, Cl. 112—160.
- Enright, Edward J. Trap attachment for vacuum cleaners.
 2,849,080, 8-26-58, Cl. 183—110.
- Enright, Joseph J. Indicating apparatus for photographic
 printers. 2,821,124, 1-28-58, Cl. 95—1.1.
- Enright, Maurice A.: *See*—
 Sholle, Roger W., and Enright. 2,826,439.
- Ensign Carburetor Co.: *See*—
 Ensign, Roy F. 2,858,845.
- Ensign, Elbert E., R. A. Van Patten, and D. B. Whitcomb;
 said Van Patten, assor. to Ford Motor Co. Method of
 shell molding. 2,841,844, 7-8-58, Cl. 22—193.
- Ensign, George G., and T. L. Boswell, to Elgin National
 Watch Co. Art of terminal structures for electrical energy
 cells. 2,862,039, 11-25-58, Cl. 136—135.
- Ensign, George G., G. T. Soper, and O. Lundahl, to Elgin
 National Watch Co. Electrically-powered time device.
 2,865,163, 12-23-58, Cl. 58—28.
- Ensign, Richard P.: *See*—
 Nickliss, George, and Ensign. 2,860,020.
- Ensign, Robert H.: *See*—
 Teague, Walter D., and Ensign. 2,864,637.
- Ensign, Robert H., to Hough Shade Corp. Latch construc-
 tion for sliding doors. 2,861,660, 11-25-58, Cl. 189—46.
- Ensign, Robert H., and D. Cardozo, Jr., to The Hough Shade
 Corp. Accordion type folding door. 2,860,697, 11-18-58,
 Cl. 160—84.
- Ensign, Roy F., to Ensign Carburetor Co. Pressure regulator
 and heater. 2,858,845, 11-4-58, Cl. 137—340.
- Ensinger, Earl H. Portable materials handling apparatus.
 2,824,660, 2-25-58, Cl. 214—522.
- Ensinger, Earl H. Article positioning mechanism. 2,850,143,
 9-2-58, Cl. 198—33.
- Ensink, Anthony L. Light-sensitive polyvalent metal alginate
 photolithographic element. 2,835,576, 5-20-58, Cl. 96—33.
- Ensink, Johannes, to North American Philips Co., Inc. Circuit
 arrangement for supplying a sinusoidal oscillation to
 a load. 2,829,283, 4-1-58, Cl. 307—148.
- Ensink, Johannes, to North American Philips Co., Inc. Single-
 sideband carrier-wave telephone system. 2,835,739,
 5-20-58, Cl. 179—15.
- Ensink, Johannes, J. Verhagen, W. Beijinck, H. C. Van
 Rossum, and A. H. Jurgens, to North American Philips
 Co., Inc. Device for discrimination and reception of call
 signals and alarm signals. 2,831,178, 4-15-58, Cl. 340—172.
- Ensink, Johannes, and J. Verhagen, to North American
 Philips Co., Inc. Negative feed-back transistor amplifier.
 2,835,748, 5-20-58, Cl. 179—171.
- Ensink, Johannes, and A. Klaassen, to North American Philips
 Co., Inc. Device for transmission of audio-frequency
 signals and ringing signals of materially higher power.
 2,854,514, 9-30-58, Cl. 179—16.
- Ensio, Peter J.: *See*—
 Hatch, Gerald G., and Ensio. 2,822,256.
- Ensio, Peter J., to Quebec Iron and Titanium Corp. Smelt-
 ing of titaniferous ores. 2,853,375, 9-23-58, Cl. 75—31.
- Ensminger, Paul W.: *See*—
 Behrens, Otto K., and Ensminger. 2,837,460.
- Ensminger, Stanley W., F. P. Regna, W. E. Stieg, and A. E.
 Timreck, to Chas. Pfizer & Co., Inc. Antibiotic recovery.
 2,831,878, 4-22-58, Cl. 260—429.9.
- Enterprise Mfg. Co., The: *See*—
 Sarah, Thomas F. 2,859,924.
- Enterprise Railway Equipment Co.: *See*—
 Batho, William F. 2,855,865.
 Dath, George E. 2,855,863.
 Dath, George E. 2,855,864.
 Dorey, George B. 2,859,707.
 Dorey, George B. 2,859,708.
 Dorey, George B. 2,862,460.
- Enthoven, H. J., Sons Ltd.: *See*—
 Hoffmann, Markus. 2,843,476.
- Entin, Leonard P., to Minneapolis-Honeywell Regulator Co.
 Gyroscope apparatus. 2,856,779, 10-21-58, Cl. 74—5.6.
- Entekrin, Durward N., to Olin Mathieson Chemical Corp.
 Magnesium hydroxide suspensions containing sea-plant hy-
 drocolloid. 2,833,690, 5-6-58, Cl. 167—56.
- Entekrin, Durward N., to Olin Mathieson Chemical Corp.
 Pharmaceutical preparations. 2,843,521, 7-15-58, Cl.
 167—56.
- Entrikin, Raymond A., F. G. Gramm, and B. B. Swisher, to
 Treadwell Construction Co. Remote servomotor control
 system. 2,832,022, 4-22-58, Cl. 318—31.
- Entwistle, John E., to The Harvard Mfg. Co. Rabbeted type
 bedframe. 2,826,765, 3-18-58, Cl. 5—200.
- Entwistle, Raymond R., to D & R Mfg. Co. Fluid flow gage.
 2,858,697, 11-4-58, Cl. 73—203.
- Envoldsen, Karl C. Method of preparing shrimp in frozen
 condition. 2,863,779, 12-9-58, Cl. 99—195.
- Enyeart, Duane B., and N. V. Gusching, to The Monarch
 Machine Tool Co. Hydraulic control system. 2,825,307,
 3-4-58, Cl. 121—41.
- Enyeart, Raymond J., to Chance Vought Aircraft, Inc.
 Separable connection for linkage mechanisms extending
 between two separable bodies. 2,823,554, 2-18-58, Cl.
 74—469.
- Enzie, William H., to General Foods Corp. Strip-faced case.
 2,857,091, 10-21-58, Cl. 229—37.
- Epergue, Edmond G. Limited two dimensional electric trans-
 mission system. 2,850,987, 9-9-58, Cl. 104—149.
- Ephland, Charles R., to Burlington Industries, Inc. Process
 for manufacturing crepe fabrics. 2,857,653, 10-28-58, Cl.
 28—76.
- Ephraim, Max, Jr.: *See*—
 Dilworth, Thomas B., Ephraim, and Ialeggio. 2,846,148.
- Ephraim, Max, Jr., and J. F. Novacek, to General Motors
 Corp. Heat exchanger. 2,859,016, 11-4-58, Cl. 257—227.
- Epifanio, Joseph, Jr.: *See*—
 Epifanio, Joseph, Sr., and Joseph Epifanio, Jr. 2,844,364.
- Epifanio, Joseph, Sr., and Joseph Epifanio, Jr. Fuel supply
 system for internal combustion engines. 2,844,364,
 7-22-58, Cl. 261—119.

- Epling, Arnold J. Device for applying paste to perfatape. 2,843,083, 7-15-58, Cl. 118—413.
- Epperson, William H., to Aeronautical Communications Equipment, Inc. Radio transmitter tuner. 2,824,220, 2-18-58, Cl. 250—17.
- Epperson, William H., to Aeronautical Communications Equipment, Inc. Volume control for radio receiver. 2,837,635, 6-3-58, Cl. 250—20.
- Eppinger, Alfred, and H. Busch, to Busch-Jaeger Durenor Metallwerke Akt. Automatic electric cut-outs. 2,844,681, 7-22-58, Cl. 200—88.
- Eppler, Lawrence W., to Republic Steel Corp. Collapsible container. 2,843,261, 7-15-58, Cl. 206—65.
- Epps, Elias. Protective container hole cover. 2,829,794, 4-8-58, Cl. 220—24.
- Epps, John A. Syringe. 2,841,145, 7-1-58, Cl. 128—218.
- Epstein, Samuel H., P. D. Meister, and A. Weintraub, to The Upjohn Co. 11 α -hydroxy-17 α -methyl-1-dehydrotestosterone and the esters thereof. 2,864,831, 12-16-58, Cl. 260—397.45.
- Epstein, Samuel H., P. D. Meister, and A. Weintraub, to The Upjohn Co. 11 β -hydroxy-17 α -methyl-1-dehydrotestosterone, and the 11 β ,17 β -diacylates thereof. 2,864,832, 12-16-58, Cl. 260—397.45.
- Eprova Ltd.: See—
- Suter, Hans, and Kündig. 2,822,391.
- Suter, Hans, and Zutter. 2,838,510.
- Epstein, David W., to Radio Corp. of America. Monochrome or color television image display systems. 2,839,599, 6-17-58, Cl. 178—5.4.
- Epstein, David W., and E. G. Ramberg, to Radio Corp. of America. Flat tri-color kinescopes. 2,863,091, 12-2-58, Cl. 315—13.
- Epstein, Gerald S., to the United States of America as represented by the Secretary of the Army. Series resonant frequency discriminator circuit. 2,822,510, 2-4-58, Cl. 317—147.
- Epstein, Harry: See—
- Lieberman, Nathan L. 2,861,447.
- Epstein, Henry D., to Metals & Controls Corp. Snap-acting thermostat and mounting therefor. 2,819,365, 1-7-58, Cl. 200—113.
- Epstein, Henry D., to Metals & Controls Corp. Thermally responsive device. 2,839,637, 6-17-58, Cl. 200—138.
- Epstein, Henry D., to Metals & Controls Corp. Thermally responsive switch structures. 2,839,638, 6-17-58, Cl. 200—138.
- Epstein, Henry D., to Metals & Controls Corp. Thermostats. 2,839,640, 6-17-58, Cl. 200—138.
- Epstein, Henry D., to Metals & Controls Corp. Snap-acting thermostat element. 2,860,208, 11-11-58, Cl. 200—113.
- Epstein, Henry D., to Metals & Controls Corp. Thermostat. 2,864,918, 12-16-58, Cl. 200—138.
- Epstein, Henry D., to Metals & Controls Corp. Heater-type thermostatic switch. 2,866,039, 12-23-58, Cl. 200—122.
- Epstein, Herman, and O. B. Stram, to Burroughs Corp. Magnetostrictive delay line. 2,846,654, 8-5-58, Cl. 333—30.
- Epstein, Herman, and O. B. Stram, to Burroughs Corp. Magnetostrictive pulse delay apparatus. 2,846,666, 8-5-58, Cl. 340—173.
- Epstein, Hyman. Combination belt buckle and coin receptacle. 2,836,351, 5-27-58, Cl. 232—6.
- Epstein, Jess, to Radio Corp. of America. Waveguide filter. 2,853,682, 9-23-58, Cl. 333—6.
- Epstein, Philip L., and R. L. Arntz, to The Hartman Electrical Mfg. Co. Symmetrical component sensing system. 2,858,457, 10-28-58, Cl. 307—127.
- Epstein, Samuel, and J. D. Dennison, Jr., to Bethlehem Steel Co. Method of heat treating steel. 2,857,299, 10-21-58, Cl. 148—24.
- Epstein, Saul. Vent cap. 2,822,744, 2-11-58, Cl. 98—84.
- Epstein, Saul, to North American Instruments, Inc. Variable reactor. 2,851,667, 9-9-58, Cl. 336—134.
- Epsilon Research and Development Co. Ltd.: See—
- Namenyi-Katz, Laszlo. 2,833,538.
- Equipment Mfg. Co., Inc.: See—
- Hansen, Donald J., and Tann. 2,847,023.
- Equitable Paper Bag Co., Inc.: See—
- Davis, John S. 2,847,914.
- Davis, John S., and Bochow. 2,844,075.
- Pope, George W. 2,866,591.
- Erath, Louis W.: See—
- Pittman, Robert R., and Erath. 2,825,886.
- Erasmus, Hendrik de W., to Union Carbide Corp. Reduction of chromium oxides. 2,833,645, 5-6-58, Cl. 75—84.
- Erasmus, Hendrik de W., to Union Carbide Corp. Metal aggregate. 2,839,379, 6-17-58, Cl. 75—5.
- Erath, Louis W.: See—
- Houghton, Joseph L., and Erath. 2,837,729.
- Erath, Louis W., to Southwestern Industrial Electronics Co. Synchronized phase shift oscillator. 2,836,723, 5-27-58, Cl. 250—36.
- Erb, Lawrence J., 35% to Spokane Diesel Electric Co. Air cleaner. 2,854,093, 9-30-58, Cl. 183—92.
- Erba, Carlo, S. p. A.: See—
- Logemann, Willy, and Almirante. 2,824,894.
- Erban, Richard T. Kinoptic devices. 2,837,008, 6-3-58, Cl. 88—28.93.
- Erbe, Friedrich, and M. A. Maikowski, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Process for the continuous production of crystalline substances. 2,863,739, 12-9-58, Cl. 23—295.
- Erbe, Hildegard H. M. F. L.: See—
- Walther, Georg. 2,823,854.
- Erbel, Edith: See—
- Seyfert, Edith. 2,831,571.
- Erbguth, Paul F. K., to Daystrom, Inc. Electro-pneumatic system with rate-responsive action. 2,834,361, 5-13-58, Cl. 137—84.
- Erbguth, Paul F. K., to Daystrom, Inc. Pneumatic follow-up system. 2,838,028, 6-10-58, Cl. 121—41.
- Erbstosser, Erich, to Firma Siemens Feinmechanische Werke G. m. b. H. Computer-typewriter apparatus. 2,842,309, 7-8-58, Cl. 235—59.
- Ercoili, Alberto, and P. de Ruggieri; said de Ruggieri assor. to Francesco Vismara Società per Azioni. Preparation of enol-ethers and ketals of ketosteroids. 2,835,667, 6-20-58, Cl. 260—239.55.
- Ercoili, Alberto, and P. de Ruggieri; said de Ruggieri to Francesco Vismara Società per azioni. Process for the preparation of 3-enol lower alkanoyl acylates of 17 β -acyloxy Δ^4 -androstene-3-one. 2,847,429, 8-12-58, Cl. 260—397.5.
- Erck, Louis J., and D. C. Violetta, to The Cleveland-Cliffs Iron Co. Updraft pelletizing method. 2,862,807, 12-2-58, Cl. 75—5.
- Erekson, Arthur B.: See—
- Feutz, Fred, Jr., and Erekson. 2,864,704.
- Erdélyi, Ferenc. Means for manufacturing substantially sleeve-shaped articles closed at one end and provided with an internal thread. 2,852,806, 9-23-58, Cl. 18—1.
- Erdle, Paul H., and R. C. Feagin, to Austenal, Inc. Process of making dental parts. 2,859,088, 11-4-58, Cl. 18—47.
- Erdman, Donald D. Water game retriever. 2,857,702, 10-28-58, Cl. 43—1.
- Erdman, Francis H. Means to facilitate the classification and selection of desired entries from a list. 2,857,687, 10-28-58, Cl. 35—40.
- Erdmann, Hans, to Waldes Kohinoor, Inc. Apparatus for orienting retaining rings. 2,819,804, 1-14-58, Cl. 214—1.
- Erdmann, Hans, to Waldes Kohinoor, Inc. Dispensers for retaining rings. 2,819,818, 1-14-58, Cl. 221—220.
- Erdmann, Hans, to Waldes Kohinoor, Inc. Tools for use in assembling retaining rings on shafts, pins and the like. 2,832,128, 4-29-58, Cl. 29—229.
- Erdmann, Hans, to Alfred Teves Maschinen- und Armaturen-fabrik Komm.-Ges. Rotary vane-type pump. 2,835,205, 5-20-58, Cl. 103—136.
- Erdmann, Hans, to Waldes Kohinoor, Inc. Means for dispensing and applying open retaining rings. 2,837,812, 6-10-58, Cl. 29—211.
- Erdmann, Hans, to Waldes Kohinoor, Inc. Retaining-ring applying tools. 2,837,948, 6-10-58, Cl. 81—5.1.
- Erdmann, Hans, to Waldes Kohinoor, Inc. Apparatus for assembling retaining rings. 2,840,892, 7-1-58, Cl. 29—211.
- Erdmann, Hans, to Waldes Kohinoor, Inc. Sliders for slide fasteners. 2,849,775, 9-2-58, Cl. 24—205.14.
- Erdmann, John F.: See—
- Davison, James M., and Erdmann. 2,839,515.
- Eret, Donald L. Speed-responsive odometer. 2,828,074, 3-25-58, Cl. 235—95.
- Erhardt, Anton, to National Tool Co. Cutting tool with chip breakers. 2,855,657, 10-14-58, Cl. 29—103.
- Erhardt, Kenneth D.: See—
- McMann, Renville H., Jr., and Erhardt. 2,835,730.
- Erick, Richard R., and J. T. Robinson, to Bendix Aviation Corp. Gear type positive displacement pump. 2,821,929, 2-4-58, Cl. 103—126.
- Erickson, Anton F., to General Motors Corp. Expandable sprocket. 2,827,796, 3-25-58, Cl. 74—244.
- Erickson, Anton F. Boring tool. 2,852,964, 9-23-58, Cl. 77—2.
- Erickson, Arthur E., to Merck & Co., Inc. Preparation of diaryl sulfones. 2,860,168, 11-11-58, Cl. 260—607.
- Erickson, Arthur G., to Kalamazoo Sled Co. Combined coaster and ski. 2,826,423, 3-11-58, Cl. 280—12.
- Erickson, Arthur G., to Kalamazoo Sled Co. Coasting device or sled. 2,826,424, 3-11-58, Cl. 280—12.
- Erickson, Charles E.: See—
- Wagner, George H., and Erickson. 2,844,435.
- Erickson, Charles E. Sportsman's life preserver garment. 2,823,396, 2-18-58, Cl. 9—20.
- Erickson, Charles H., and E. O. Spellman, to Port Morris Machine & Tool Works, Inc. Drink mixing and dispensing machine. 2,855,007, 10-7-58, Cl. 141—74.
- Erickson, Clifford E., to General Electric Co. Control circuits for clothes drying machines. 2,838,845, 6-17-58, Cl. 34—45.
- Erickson, Edward B., to International Business Machines Corp. Reference sequential indexing device or rotary card press. 2,827,237, 3-18-58, Cl. 235—132.
- Erickson, Eugene D. Chain tong wrench. 2,820,384, 1-21-58, Cl. 81—69.
- Erickson, Folke A. Spear-fishing gun. 2,856,912, 10-21-58, Cl. 124—27.
- Erickson, Francis L.: See—
- North, Edwin W., and Erickson. 2,829,913.
- Erickson, Fred E., and L. K. Roe. Dispensing device. 2,836,325, 5-27-58, Cl. 221—26.
- Erickson, George F., to United States of America as represented by the United States Atomic Energy Commission. Soldering of aluminum base metals. 2,824,365, 2-25-58, Cl. 29—492.

- Erickson, Gustaf: *See*—
Gabielsen, Christian, and Erickson. 2,843,242.
- Erickson, Harold E.: *See*—
Schubert, Dale L., Erickson, Nelson, and Brown. 2,824,610.
- Erickson, Harold E., and B. B. Brookhyser: said Erickson assor. to D. L. Schubert, and said Brookhyser assor. to Columbia Veneer Co. Feeder for filling silos and like structures. 2,860,790, 11-18-58, Cl. 214-17.
- Erickson, Henry, to Sinclair Refining Co. Treatment of silica-alumina beads with ammonium fluoride. 2,827,421, 3-18-58, Cl. 196-52.
- Erickson, John G. Soil conditioners. 2,831,779, 4-22-58, Cl. 106-287.
- Erickson, John G., to General Mills, Inc. Salts of sulfated fatty amine glycosides. 2,838,487, 6-10-58, Cl. 260-211.
- Erickson, John R., to Norton Co. Cut-off wheel. Re. 24,548, 10-7-58, Cl. 51-206.
- Erickson, Karl H., to Amerock Corp. Pull. 2,849,749, 9-2-58, Cl. 16-125.
- Erickson, Lewis C., to The B. F. Goodrich Co. Heating rubber-covered conveyor belts. 2,839,651, 6-17-58, Cl. 219-10.69.
- Erickson, Lloyd C.: *See*—
Steinke, Joseph F., and Erickson. 2,855,063.
- Erickson, Lorena L. A. Enclosure assembly for livestock. 2,835,223, 5-20-58, Cl. 119-20.
- Erickson, Paul N., and H. Locker, to Fruehauf Trailer Co. Fifth wheel lower coupler mounting. 2,851,283, 9-9-58, Cl. 280-435.
- Erickson, Reynold R. Folding table top hinge. 2,820,242, 1-21-58, Cl. 16-164.
- Erickson, Rita A. Acid pre-treatment of tetraethyl lead sludge. 2,851,352, 9-9-58, Cl. 75-115.
- Erickson Tool Co.: *See*—
Benjamin, Milton L., and S. S. 2,848,239.
Benjamin, Milton L., and Winnen. 2,842,839.
Benjamin, Milton L., and Winnen. 2,847,882.
- Erickson, Wallace A., H. C. Erickson, and V. Grakauskas, to Wallace A. Erickson & Co. Lead-free impression material. 2,824,811, 2-25-58, Cl. 106-38.35.
- Erickson, Wallace A. & Co.: *See*—
Erickson, Wallace A., Ericson, and Grakauskas. 2,824,811.
Ross, Harold M. 2,843,382.
- Erickson, Warren E.: *See*—
Eddison, William B., and Erickson. 2,826,884.
Eddison, William B., and Erickson. 2,835,088.
Eddison, William B., and Erickson. 2,843,252.
- Erickson, William F., and D. D. Wallace, to General Motors Corp. Fluid pump. 2,830,542, 4-15-58, Cl. 103-126.
- Erickson, Willard E., and A. Musschoot, to Link-Belt Co. Receptacle unloader. 2,850,185, 9-2-58, Cl. 214-53.
- Erico Products, Inc.: *See*—
Rejidak, Melvin F. 2,831,760.
- Ericson, Arthur R.: *See*—
Gabielsen, Christian, and Ericson. 2,858,042.
- Ericson, Arthur R., to Rowe Mfg. Co., Inc. Signal for columnar merchandising machine. 2,825,487, 3-4-58, Cl. 221-6.
- Ericson, Donald W. Force motor. 2,859,391, 11-4-58, Cl. 317-171.
- Ericson, Elmer W. Display binder. 2,835,511, 5-20-58, Cl. 281-33.
- Ericson, Franklin R., to General Electric Co. Shaft alignment mechanism. 2,821,094, 1-28-58, Cl. 74-606.
- Ericson, Hartley C.: *See*—
Erickson, Wallace A., Ericson, and Grakauskas. 2,824,811.
- Ericson, Sidney A.: *See*—
Parrott, Henry W., and Ericson. 2,863,497.
- Ericson, Sven H.: *See*—
Roberts, Seward M., and Ericson. 2,839,883.
- Ericsson, Curt A. G.: *See*—
Bergh, Sven S., Ericsson, and Troberg. 2,834,666.
- Ericsson, Francis S. Abdominal supporting belt. 2,840,822, 7-1-58, Cl. 2-41.
- Ericsson Telephones Ltd.: *See*—
Acton, John R., and Westley. 2,862,133.
- Ericsson, Tore, to Aktiebolaget Sangfabriken. Hospital beds or the like. 2,819,475, 1-14-58, Cl. 5-78.
- Ericsson, Tore, to Aktiebolaget Sangfabriken. Raising and lowering mechanisms in wheeled hospital beds. 2,830,304, 4-15-58, Cl. 5-328.
- Erie, Charles E. Solenoid powered motor. 2,820,160, 1-14-58, Cl. 310-23.
- Erie Mfg. Co.: *See*—
Alfery, Henry F., and Engholdt. 2,852,072.
- Erie Meter Systems, Inc.: *See*—
Swank, Rehl W. 2,828,762.
- Erie Mining Co.: *See*—
De Vane, Fred D. 2,831,210.
De Vane, Fred D., and Beggs. 2,834,484.
- Erie Resistor Corp.: *See*—
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Coda, Nello, and Challstrom. 2,866,136.
Drewett, Arthur F. 2,853,969.
Foster, James H. 2,838,736.
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Gray, Robert B. 2,846,673.
Heibel, Jerome D., and Schell. 2,833,676.
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- Eriez Mfg. Co.: *See*—
Johannesen, Conrad A. 2,830,705.
- Eriksen, George N. Infant's chair. 2,823,737, 2-18-58, Cl. 155-191.
- Eriksen, Merrill K., to The James C. Heintz. Mold. 2,851,726, 9-16-58, Cl. 18-18.
- Eriksen, Merrill K., to The James C. Heintz Co. Matrix spacer fastener. 2,853,739, 9-30-58, Cl. 18-18.
- Erikson, Adolf J.: *See*—
Fram, Stanley, and Erikson. 2,856,869.
- Erikson, Carl F.: *See*—
Swanson, Fred R., and Erikson. 2,823,590.
- Erikson, Eben W., to American Hospital Supply Corp. Fluid receptacle. 2,855,933, 10-14-58, Cl. 128-272.
- Erikson, Robert W., to Sundstrand Machine Tool Co. Air-oil unit. 2,832,403, 4-29-58, Cl. 158-36.3.
- Eriksson, Allan H., to Husqvarna Vapenfabriks Aktiebolag. Sewing machine driving devices. 2,838,020, 6-10-58, Cl. 112-220.
- Eriksson, Allan H., to Husqvarna Vapenfabriks Aktiebolag. Sewing machines. 2,851,978, 9-16-58, Cl. 112-232.
- Eriksson, Lars G. A., to Aktiebolaget Pumpindustri. Foam sprinkler. 2,826,399, 3-11-58, Cl. 261-76.
- Eriksson, Ragnar H., and S. I., to Forshaga Bilverkstad. Sand spreader for vehicles provided with platform bodies. 2,851,199, 9-9-58, Cl. 222-178.
- Eriksson, Sonja I.: *See*—
Eriksson, Ragnar H., and S. I. 2,851,199.
- Eriksson, Sven E., to Atlas Copco Aktiebolag. Loaders. 2,855,087, 10-7-58, Cl. 198-9.
- Erisalu, Arnold. Adjustable shelving. 2,820,552, 1-21-58, Cl. 211-147.
- Erisman, Maurice J., N. L. Francis, and R. R. Teichman, to Link-Belt Co. Rotary cooler. 2,840,922, 7-1-58, Cl. 34-135.
- Erismann, Paul. Drawer locking device. 2,835,547, 5-20-58, Cl. 312-219.
- Erk, Adil, and L. Schmitz, to Calor-Emag Elektrizitats-Akt. Quick-action switch device. 2,861,133, 11-18-58, Cl. 200-146.
- Erkelens, Johannes, J. Kamerman, and W. A. Roovers, to North American Philips Co., Inc. Semi-conductor electrode systems. 2,844,769, 7-22-58, Cl. 317-234.
- Erkkila, Andrew, to Independent Lock Co. Latch knob and locking means therefor. 2,854,277, 9-30-58, Cl. 292-348.
- Erkkila, John J. Cam-lever tool for coupling and uncoupling detachable drive chain links. 2,818,701, 1-7-58, Cl. 59-7.
- Erlacher, Karl: *See*—
Neuber, Hans, and Erlacher. 2,828,575.
- Erlbacher, Robert W., to Cape Mfg. Co. Adjustable foundry slip box. 2,847,740, 8-19-58, Cl. 22-112.
- Erlenmeyer, Hans, to Ciba Pharmaceutical Products Inc. Certain 1-amino, 2-pyridones and process. 2,845,430, 7-29-58, Cl. 260-296.
- Erlich, Irving, to Polaroid Corp. Photographic product. 2,834,272, 5-13-58, Cl. 95-67.
- Erlich, Victor L., to Reeves Brothers, Inc. Method of heat stabilizing polyethylene fabric composed of filaments having specific residual shrinkage. 2,821,457, 1-28-58, Cl. 8-150.1.
- Erlinder, Atwood E. Lift gate for dump truck. 2,824,659, 2-25-58, Cl. 214-503.
- Erne, Charles H., to American Can Co. Carrying handle for tied together containers. 2,826,299, 3-11-58, Cl. 206-65.
- Erner, William E., to Houdry Process Corp. Preparation of decahydronaphthyl acetate. 2,826,604, 3-11-58, Cl. 260-488.
- Erner, William E., to Houdry Process Corp. Preparation of imidazole compounds. 2,847,417, 8-12-58, Cl. 260-309.
- Ernest, Dale S. Automatic depth correcting device for moored mine. 2,856,849, 10-21-58, Cl. 102-14.
- Ernsberger, Maurice L.: *See*—
Carter, Albert S., and Ernsberger. 2,835,654.
- Ernst, Albert C., to Meat Packers Equipment Co. Flue for gas water heaters. 2,847,953, 8-19-58, Cl. 110-97.
- Ernst, Carl E.: *See*—
Clarq, Richard J., Jr., Dammert, Ernst, and Van Beers. 2,848,363.
- Ernst, Henry, Jr.: *See*—
Gornowski, Edward J., Rich, Ernst, and Morbeck. 2,851,398.
- Ernst, Henry, Jr., to Esso Research and Engineering Co. Integration of coker with refinery. 2,844,524, 7-22-58, Cl. 196-55.
- Ernst, Henry, Jr., to Esso Research and Engineering Co. Combination distillation and hydrocarbon conversion process. 2,853,439, 9-23-58, Cl. 196-52.
- Ernst, John J. Low pressure pump cut-off switch. 2,856,481, 10-14-58, Cl. 200-83.
- Ernst, John L.: *See*—
Rose, Harold J., and Ernst. 2,834,761.
Small, Augustus B., and Ernst. 2,830,977.
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Small, Augustus B., and Ernst. 2,856,394.
- Ernst, John M., to American Machine & Foundry Co. Bowling ball cleaner and polisher. 2,831,205, 4-22-58, Cl. 15-21.
- Ernst, Martin L. Dynamic automatic traffic analyzer controller. 2,825,054, 2-25-58, Cl. 343-6.
- Ernst, Paul: *See*—
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- Ernst, Robert, to Sanford Process Co., Inc. Process for electrolytically producing oxide coating on aluminum and aluminum alloys. 2,855,350, 10-7-58, Cl. 204-58.
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- Ernst, Theodore D., and D. E. Piccoll, to United States Rubber Co. Reinforced hose. 2,829,671, 4-8-58, Cl. 138-25.
- Ernst, Walter, to The Commonwealth Engineering Co. of Ohio. Submersible combined centrifugal and jet pump. 2,826,148, 3-11-58, Cl. 103-5.
- Ernst, Walter, to The Commonwealth Engineering Co. of Ohio. Variable pressure fluid actuated brake beam compensation. 2,848,034, 8-19-58, Cl. 153-21.
- Ernstorff, Joseph W. Voiding shorts for incontinent people. 2,842,129, 7-8-58, Cl. 128-288.
- Ero Mfg. Co.: *See*—
- Leopold, Howard F. 2,837,146.
- Errede, Louis A.: *See*—
- Hopwood, Stafford L., Jr., and Errede. 2,864,855.
- Errede, Louis A., and S. L. Hopwood, Jr., to Minnesota Mining and Mfg. Co. Preparation of aromatic aldehydes and alcohols. 2,864,865, 12-16-58, Cl. 260-599.
- Erskine, Archibald M., to California Ink Co., Inc. Method of preparing quaternary ammonium naphthenates. 2,831,019, 4-15-58, Cl. 260-501.
- Erskine, Archibald M., N. R. Nygard, and R. M. Lydon, to The California Ink Co., Inc. Aryl mercury acid salts and method of preparation thereof. 2,846,349, 8-5-58, Cl. 167-30.
- Erskine, Archibald M., M. H. Gorin, L. Rosenstein, and R. M. Chesbro; said Erskine and Chesbro assors, to said Gorin and Rosenstein. Organic ammonium salts of lignin acids. 2,850,492, 9-2-58, Cl. 260-124.
- Erson, Eric G.: *See*—
- McClure, Glenn T., and Erson. 2,829,008.
- Erson, Erik G., to Westinghouse Air Brake Co. Fluid pressure brake release and reapplication valve device. 2,841,449, 7-1-58, Cl. 303-68.
- Erson, Erik G., and G. M. Thomas, to Westinghouse Air Brake Co. Empty and load fluid pressure brake apparatus. 2,830,849, 4-15-58, Cl. 303-22.
- Erstad, Tennes I., and W. G. Rodman, to American Machine & Foundry Co. Trainer wheel support for bicycles. 2,828,141, 3-25-58, Cl. 280-304.
- Erste Kulmbacher Actien-Exportier-Brauerei: *See*—
- Rothhaeusler, August. 2,860,927.
- Ertel Mfg. Corp.: *See*—
- Warsaw, Arthur J. 2,848,086.
- Ertl, Ernest J. Bars having adjustable seats and supporting means therefor. 2,824,598, 2-25-58, Cl. 155-78.
- Ertsgaard, Byron L., and V. J. Worrel, to Toro Mfg. Corp. Adjustment bracket for lawn mower handles and rollers. 2,858,141, 10-28-58, Cl. 280-4737.
- Ervin, Guy, Jr., to Norton Co. Vitrifired bonded silicon carbide abrasive articles. 2,837,416, 6-3-58, Cl. 51-308.
- Ervin, Guy, Jr., and H. F. G. Ueltz, to Norton Co. Apparatus for the production of metal. 2,837,478, 6-3-58, Cl. 204-216.
- Ervin, Ovid L., to Olin Mathieson Chemical Corp. Locator. 2,836,242, 5-27-58, Cl. 164-59.
- Ervine, Albert W. G., to Remington Arms Co., Inc. Article arranging mechanism. 2,819,575, 1-14-58, Cl. 53-143.
- Ervine, Albert W. G., G. R. Melick, and W. S. Reynolds, to Remington Arms Co., Inc. Magazine target trap. 2,827,036, 3-18-58, Cl. 124-47.
- Ervine, Albert W. G., and W. S. Reynolds, to Remington Arms Co., Inc. Article arranging device. 2,848,855, 8-26-58, Cl. 53-143.
- Erwin, James V. Head for musical instrument of the drum type. 2,830,484, 4-15-58, Cl. 84-114.
- Erwin, John R. Integral plastic rotors. 2,857,094, 10-21-58, Cl. 230-134.
- Erwin, Marvin E., L. U. Franklin, and J. C. Gebhart, to Gulf Oil Corp. Procedure for manufacture of lithium grease. 2,847,382, 8-12-58, Cl. 252-41.
- Erwin, Robert L. Gate valve. 2,854,209, 9-30-58, Cl. 251-159.
- Exleben, Reinhold, to Daimler-Benz A. G. Apparatus for controlling the fuel supply and the reversing gear of a marine engine optionally by different control mechanisms. 2,847,870, 8-19-58, Cl. 74-472.
- Erzbergbau Salzgitte Aktiengesellschaft: *See*—
- Goltz, Arnold, and Neumann. 2,832,471.
- Erzen, Frances. Combination tile and liquid dispenser. 2,834,518, 5-13-58, Cl. 222-193.
- Erzer, John K.: *See*—
- Kell, Clement W., Erzer, and Cain. 2,829,605.
- Escambia Chemical Corp.: *See*—
- Di Nardo, Albert, Gardner, and Robertson. 2,847,434.
- Di Nardo, Albert, Gardner, Robertson, and Tewksbury. 2,824,131.
- Gabbett, James F. Jr., and Sutherland. 2,847,448.
- Gardner, James H. 2,824,140.
- Gardner, James H. 2,847,144.
- Gardner, James H., Robertson, and Di Nardo. 2,824,142.
- Gardner, James H., Robertson, and Tewksbury. 2,824,119.
- Escambia Chemical Corp.: *See*—Continued
- Gardner, James H., Schoenbrunn, and Robertson. 2,823,767.
- Gardner, James H., and Steadman. 2,847,453.
- Gardner, James H., and Tewksbury. 2,817,468.
- Maslan, Frank. 2,823,763.
- Maslan, Frank. 2,823,765.
- Maslan, Frank. 2,823,766.
- Maslan, Frank, and Stoddard. 2,847,446.
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- McElhill, Elizabeth A. 2,824,133.
- McMinn, William A., Jr. 2,824,112.
- Robertson, Nat C., and Schoenbrunn. 2,847,464.
- Robertson, Nat C., and Steadman. 2,824,130.
- Robertson, Nat C., and Steadman. 2,847,465.
- Robertson, Nat C., Tewksbury, and Di Nardo. 2,824,124.
- Steadman, Thomas R. 2,847,476.
- Steadman, Thomas R., and Gabbett. 2,847,447.
- Steadman, Thomas R., and Sutherland. 2,847,450.
- Sutherland, Leslie H., and McElhill. 2,853,509.
- Escant, Paul. Convertible utensil. Re. 24,581, 12-23-58, Cl. 220-19.
- Esch, George H., to A. B. Segur, d. b. a. A. B. Segur and Co. Adjustable scaffolding. 2,846,275, 8-5-58, Cl. 304-29.
- Esch, Udo: *See*—
- Barwasser, Josef, Esch, Schwartz, and Rausch. 2,823,990.
- Eschenbach, Richard C.: *See*—
- Smith, George H., Eschenbach, and Pelton. 2,861,900.
- Eschenbrenner, Hector E.: *See*—
- Eschenbrenner, Hector X. 2,845,682.
- Eschenbrenner, Hector X., deceased; H. E. Eschenbrenner, executor. Concrete pipe-forming apparatus having outer form and core members arranged to rotate at different speeds. 2,845,682, 8-5-58, Cl. 25-30.
- Eschenburg, William A., to Yates-American Machine Co. Tilting arbor saw. 2,850,034, 9-2-58, Cl. 143-36.
- Escher-Desrivieres, Jean A., to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey. Glass for glow discharge lamps such as fluorescent luminescent lamps and the like. 2,862,131, 11-25-58, Cl. 313-112.
- Escher Wyss Aktiengesellschaft: *See*—
- Ruegg, Ernst. 2,820,436.
- Ruegg, Ernst. 2,828,021.
- Escher Wyss G. m. b. H.: *See*—
- Staudenmaier, Alois. 2,829,567.
- Escher Wyss Maschinenfabrik G. m. b. H.: *See*—
- Kiesel, Karl. 2,830,775.
- Eschliman, William E.: *See*—
- Adams, Cecil E., and Eschliman. 2,832,199.
- Eschmann, Paul, to Kugelfischer Georg Schafer & Co. Anti-friction bearings designed to absorb high thrust loads. 2,864,658, 12-16-58, Cl. 308-233.
- Esco Cabinet Co.: *See*—
- Cann, Harry E., Sr. 2,862,782.
- Smithson, Harold R. 2,838,917.
- Escoffery, Charles A., to International Rectifier Corp. Interplate contactor for a rectifier. 2,852,723, 9-16-58, Cl. 317-234.
- Eserkain, Theodore E., to Kemp Smith Machine Co. Transmission control mechanism. 2,821,866, 2-4-58, Cl. 74-472.
- Eserkain, Theodore F. Rotary pump. 2,827,857, 3-25-58, Cl. 103-120.
- Eshbaugh, Jesse E., to General Motors Corp. Dip stick. 2,849,796, 9-2-58, Cl. 33-1267.
- Eshbaugh, Jesse E., to General Motors Corp. Safety fuel system for engines. 2,857,904, 10-28-58, Cl. 123-198.
- Eshbaugh, Jesse E., to General Motors Corp. Tank vent structures. 2,860,656, 11-18-58, Cl. 137-202.
- Eshbaugh, Jesse E., to General Motors Corp. Systems for indicating liquid level. 2,863,140, 12-2-58, Cl. 340-244.
- Eshbaugh, Jesse E., T. W. Lamar, and W. F. Schultz, to General Motors Corp. Steering direction indicator. 2,845,893, 8-5-58, Cl. 116-31.
- Eshuis, Jan, to American Enka Corp. Yarn tensioning. 2,855,749, 10-14-58, Cl. 57-55.5.
- Esken, Robert L.: *See*—
- Aller, Willis F., and Esken. 2,833,047.
- Byrskett, Elwood L. and Esken. 2,853,189.
- Esken, Robert L., to The Sheffield Corp. Gauging device. 2,826,819, 3-18-58, Cl. 33-174.
- Esken, Robert L., to The Sheffield Corp. Loading apparatus. 2,852,851, 9-23-58, Cl. 33-174.
- Eskew, Robert F. Carburetor de-icer. 2,846,989, 8-12-58, Cl. 123-122.
- Eskin, Samuel G., to The Dole Valve Co. Combination over-temperature shut-off and flame safety valve. Re. 24,515, 8-12-58, Cl. 158-142.
- Eskin, Samuel G., to Dole Valve Co., The. Electrical thermostat. 2,824,195, 2-18-58, Cl. 200-140.
- Eskin, Samuel G., to The Dole Valve Co. Temperature adjustment for thermostats. 2,825,507, 3-4-58, Cl. 236-48.
- Eskin, Samuel G., to The Dole Valve Co. Thermostat and over-temperature gas shut-off valve. Re. 24,442, 3-11-58, Cl. 236-21.
- Eskin, Samuel G., to The Dole Valve Co. Method of making a thermally responsive element. 2,846,829, 8-12-58, Cl. 53-22.

- Eskin, Samuel G., to Antioch College. Thermal responsive unit. 2,850,898, 9-9-58, Cl. 73-358.
- Eskridge, Harold E. Lock type connector for storm sash. 2,830,465, 4-15-58, Cl. 74-582.
- Esmay, Donald L.: *See—*
- Fotis, Peter, Jr., and Esmay. 2,829,136.
- Fotis, Peter, Jr., and Esmay. 2,852,576.
- Esmay, Donald L., P. Fotis, Jr., and C. E. Johnson, to Standard Oil Co. Nuclear alkylation of certain aromatic hydrocarbons with alkali metals as catalysts. 2,836,633, 5-27-58, Cl. 260-671.
- Esmay, Margaret L. and P. O. Terraced garden structure. 2,837,866, 6-10-58, Cl. 47-33.
- Esmay, Paul O.: *See—*
- Esmay, Margaret L. and P. O. 2,837,866.
- Espari, Alphonse A., and L. J. Paffumi, to The H. P. Townsend Mfg. Co. Clamping devices for rod-sawing machines. 2,832,122, 4-29-58, Cl. 24-263.
- Espenlaub, Walter C., to Hazeltine Research, Inc. Signal-translating apparatus. 2,853,548, 9-23-58, Cl. 178-5.4.
- Espenschied, Helmut: *See—*
- Aagaard, Leif, and Espenschied. 2,822,246.
- Espersen, George A., to North American Philips Co., Inc. Non-emissive electrode for electron discharge device. 2,846,609, 8-5-58, Cl. 313-107.
- Espersen, George A., to North American Philips Co., Inc. Klystron tube. 2,846,614, 8-5-58, Cl. 315-5.48.
- Espoy, Henry M.: *See—*
- Barnett, Harold M., Hartmann, Mosher, and Espoy. 2,848,508.
- Espoy, Henry M., to Barnett Laboratories, Inc. Process of preparing vitamin oils in particle form. 2,858,215, 10-28-58, Cl. 99-2.
- Esrey, Virgil L. Screen tensioning tool. 2,818,887, 1-7-58, Cl. 140-109.
- Ess, Merlin M., to W. H. Metz, Inc. Table connecting leaf. Re. 24,453, 4-8-58, Cl. 311-4.
- Esseff, George J., S. Levine, and W. Thurston. Article supporting rack. 2,831,808, 4-22-58, Cl. 204-297.
- Esselstyn, William J.: *See—*
- Stanko, Edward J., and Esselstyn. 2,824,040.
- Esser, George W., to McGraw-Edison Co. Voice-controlled dictation-recording system. 2,833,866, 5-6-58, Cl. 179-100.1.
- Esser, Nicholas M.: *See—*
- Lace, Donald A. 2,857,494.
- Esser, Paul, H. Stützer, and W. Wattler. Apparatus for welding a chain link and thereafter trimming the flash from the weld. 2,824,420, 2-25-58, Cl. 59-31.
- Essex, Alois B., E. E. Garrett, and H. F. McKenney, to Sperry Rand Corp., Ford Instrument Co. Division. 2,842,646, 7-8-58, Cl. 201-51.
- Essex, Alois B., and S. Schalkowsky, to Sperry Rand Corp., Ford Instrument Co. Division. Shock mount. 2,847,178, 8-12-58, Cl. 248-358.
- Essex Conveyors, Inc.: *See—*
- Stoddard, Howard V., Baeder, and Messeri. 2,860,729.
- Essex Electronics: *See—*
- Goldsmith, Bernard M. 2,836,805.
- Essex Mfg. Co., Inc.: *See—*
- Edleson, Stuart K. 2,864,628.
- Essex, Robert L.: *See—*
- Burke, William F., and Essex. 2,839,025.
- Essex Wire Corp.: *See—*
- Bear, Herman G., Kummer, and Zartman. 2,859,608.
- Binder, George A. 2,834,924.
- Brinkruff, Arthur R., and Binder. 2,834,925.
- Carlson, Elmer A. 2,834,549.
- Dermer, Richard D., and Whitney. 2,834,940.
- Du Rocher, Gideon A., and Webb. 2,835,879.
- Earling, Leonard E. 2,834,850.
- Farison, Glenn S. 2,849,697.
- Graf, Robert D., and Weber. 2,835,767.
- Hood, Stanley R. 2,834,853.
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- Essex County Welfare Board: *See—*
- Hudyma, Theodor F. 2,840,341.
- Essig, William. Water pre-heater. 2,821,368, 1-28-58, Cl. 257-229.
- Esslinger, John, Jr., to Brown & Bigelow. Calendar handbook. 2,831,279, 4-22-58, Cl. 40-119.
- Esso Research and Engineering Co.: *See—*
- Adams, Clark E., and Kimberlin. 2,859,174.
- Aldridge, Clyde L., and Mertzweiler. 2,834,801.
- Aldridge, Clyde L., and Small. 2,824,860.
- Aldridge, Clyde L., and Watts. 2,841,618.
- Alexander, Douglas S., and Fraser. 2,852,500.
- Alexander, Warren A. 2,825,621.
- Allen, Thomas O., and Coulter. 2,837,164.
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- Arundale, Irving, Guyer, and Thorn. 2,852,474.
- Arundale, Irving, and Versteeg. 2,849,375.
- Askey, Warren E., and Love. 2,866,744.
- Badger, Algernon S. 2,841,422.
- Badger, Algernon S., and Crookston. 2,825,584.
- Bailey, Bradford E. 2,848,383.
- Bailey, Philip S. 2,851,465.
- Bail, John D., and Wischmeyer. 2,841,778.
- Banes, Fred W., and Fitzgerald. 2,838,456.
- Banes, Fred W., Gleason, and Nelson. 2,862,905.
- Banes, Fred W., Nelson, and Leary. 2,849,512.
- Bartlett, Jeffrey H., and Smith. 2,842,514.
- Esso Research and Engineering Co.: *See—Continued*
- Battle, Jack L. 2,832,414.
- Beach, Leland K., and Drogin. 2,863,900.
- Beerbower, Alan, and Bloomsburg. 2,850,458.
- Bennett, Rufus B. 2,848,507.
- Bennett, Rufus B., Hunt, and Speed. 2,823,241.
- Bennett, Rufus B., and Powers. 2,820,070.
- Betts, Joseph L., Jr., and Thorn. 2,861,966.
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- Bielstein, Walter J. 2,832,566.
- Bielstein, Walter J. 2,836,395.
- Biribauer, Frank A., Canevari, and Lockett. 2,861,939.
- Black, James F., Guthrie, Weisgerber, and Heigl. 2,845,388.
- Blagg, Leon. 2,829,783.
- Blanding, Forrest H., and Schmidt. 2,844,518.
- Bloecker, Walter P., Jr., and Young. 2,827,500.
- Blood, Robert H. 2,831,439.
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- Boistre, Worth W. 2,847,366.
- Bolling, Thomas J., Jr. 2,847,238.
- Bonner, John S. 2,847,355.
- Borey, Daniel S., and Rhys. 2,843,460.
- Bown, Delos E. 2,847,486.
- Bown, Delos E., and Lampe. 2,859,162.
- Boynton, Harry G., and Horeczy. 2,832,811.
- Boynton, Harry G., and Horeczy. 2,847,488.
- Boynton, Harry G., Lewis, and Watson. 2,848,623.
- Briggs, John R., Newberg, and Clayton. 2,854,435.
- Brodkey, Robert S., Smith, and Banes. 2,846,464.
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- Brown, James W. 2,843,462.
- Brown, Stephen S. 2,836,066.
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- Brugmann, William H., Jr., and Boyle. 2,848,444.
- Buchan, Rudolph C. 2,846,385.
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- Carlsmith, Leonard E. 2,850,551.
- Carothers, Campbell M. 2,844,205.
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- Cashman, Edward P., and Corcoran. 2,824,840.
- Cashman, Edward P., Corcoran, and Dean. 2,825,717.
- Catterall, William E., and Fuqua. 2,836,545.
- Cier, Harry E., and Schutze. 2,830,016.
- Clayton, Robert E. 2,839,117.
- Clifford, Edward L., Redding, and Ording. 2,842,220.
- Coats, George M., Loeser, and Dana. 2,857,319.
- Cohen, Charles A. 2,848,485.
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- Corner, Eugene S., and Lynch. 2,824,149.
- Cottle, Delmer L. 2,848,472.
- Cottle, Delmer L., and Mirviss. 2,838,556.
- Cottle, Delmer L., Morway, and Young. 2,844,534.
- Cottle, Delmer L., and Young. 2,822,370.
- Cottle, Delmer L., and Young. 2,842,499.
- Craig, Lester M., and Wilson. 2,828,980.
- Cross, Jonathan H., Jr., and Hunter. 2,832,422.
- Cull, Neville L., and Aldridge. 2,862,979.
- Cull, Neville L., Aldridge, and Mertzweiler. 2,845,465.
- Cull, Neville L., and Mertzweiler. 2,829,177.
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- Davidson, James R., and Seitz. 2,824,061.
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- Downing, Mason L., Herrmann, and Marx. 2,846,389.
- Downing, Mason L., and North. 2,859,168.
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- Draeger, Kenneth E., and Ross. 2,846,366.
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- Duncan, Gordon W., Lifson, and Haworth. 2,840,461.
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- Etienne, André: See—
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- Etling, Harold A., to Weather-Seal Inc. Metal storm window with roll screen. 2,826,789, 3-18-58, Cl. 20-55.
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- Ettema, Eelke H.: See—
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- Ettore, Harold V.: See—
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- Etzkorn, Walter V. Luminous bodies. 2,833,964, 5-6-58, Cl. 315-218.
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- Evans, Arthur G., W. G. Toland, and O. E. Johnson, to International Harvester Co. Two-way plow attachment for tractors. 2,830,516, 4-15-58, Cl. 97-26.
- Evans, Arthur W., and W. Hughes, to British Titan Products Co. Ltd. Preparation of titanium dioxide. 2,828,187, 3-25-58, Cl. 23-202.
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- Evans, Joseph C. Sand cleaning device with overload release. 2,856,013, 10-14-58, Cl. 171-9.
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- Evans, Lawrence R., to United States of America, Navy. Antenna feeder drive. 2,848,905, 8-26-58, Cl. 74-660.
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- Evans, William H. Adjusting and setting mechanism for expansion reamer. 2,856,800, 10-21-58, Cl. 77-75.5.
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- Exton, William, Jr., to William Exton, Jr., & Associates, Inc. Employee benefits educational device. 2,853,803, 9-30-58, Cl. 35-24.
- Exton, William, Jr., & Associates, Inc.: See—
- Exton, William, Jr. 2,853,803.
- Extrom, Lloyd L. Adjustable sun shield for attachment to a sun visor. 2,824,763, 2-25-58, Cl. 296-97.
- Ey, Frederick J. Collapsible bookrest. 2,825,998, 3-11-58, Cl. 45-80.
- Eyb, Wolfgang, to Porsche System Engineering Ltd. Bogie-wheel suspension for tracked vehicles. 2,838,344, 6-10-58, Cl. 305-9.
- Eye-Beam Displays, Inc.: See—
- Stein, Elmer L. 2,863,236.
- Eyelet Specialty Co.: See—
- Hopgood, Robert B. 2,840,229.
- Lerner, Louis L. 2,840,230.
- Reichenbach, Howard F. 2,840,231.
- Eyer, Ross H. Electric glider and stabilizer. 2,845,635, 8-5-58, Cl. 5-109.
- Eyles, Edward G. Non-metallic cable splitter. 2,819,520, 1-14-58, Cl. 30-91.
- Eyles, Edward G. Wire guide adapter. 2,838,280, 6-10-58, Cl. 254-134.3.
- Eyles, Thomas H., to Foster Grant Co., Inc. Nursing unit. 2,831,596, 4-22-58, Cl. 215-11.
- Eyles, Thomas H., and E. Jacoboni, to Foster Grant Co., Inc. Injection molding apparatus. 2,831,214, 4-22-58, Cl. 18-30.
- Eyolfson, Paul, to Electric Steel Foundry. Digester strainer. 2,852,369, 9-16-58, Cl. 92-7.
- Ezelle, George W. Reel for processing film. 2,850,248, 9-2-58, Cl. 242-77.1.
- Ezzell, Benjamin T. Toilet flush valve control. 2,819,471, 1-14-58, Cl. 4-53.
- F. E. A. L. Societa: See—
- Varlonga, Giovanni. 2,836,449.
- FKG Fritz Kesselring Geratebau A. G.: See—
- Kesselring, Fritz. 2,820,190.
- Kesselring, Fritz. 2,821,609.
- Kesselring, Fritz. 2,858,500.
- Kesselring, Fritz. 2,859,400.
- Kesselring, Fritz, and Baer. 2,838,634.
- Kesselring, Fritz, Wettstein, and Spaelti. 2,848,678.
- F. N. F. Machinery Mfg. Co. Ltd.: See—
- Porter, Allan W. H. 2,818,713.
- Porter, Allan W. H., Arnold, and Robertson. 2,822,604.
- F-R Machine Works, Inc.: See—
- Newton, Arnold. 2,826,748.
- Zavales, Charles T. 2,838,691.
- F. T. Products Ltd.: See—
- Fernberg, Eric B. 2,830,345.
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- Fa. Optische Werke C. Reichert Aktiengesellschaft: See—
- Wasner, Karl. 2,833,180.
- Fabbri, Giuseppe: See—
- Abbiati, Arnaldo, and Fabbri. 2,849,141.
- Fabbri, Michael J., and D. E. Arnold, to Nylo-Flex Products Co. Flexible coupling. 2,857,749, 10-28-58, Cl. 64-11.

- Fabel, George W., to General Electric Co. Yoke coil form. 2,852,712, 9-16-58, Cl. 313-76.
- Faber-Castell, A. W.: *See—*
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- Faber, Merle F. Rack with pockets. 2,844,258, 7-22-58, Cl. 211-14.
- Faber, Samuel S. Shelf fixtures. 2,827,254, 3-18-58, Cl. 248-243.
- Faber & Schleicher Aktiengesellschaft: *See—*
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- Fabian, Albert E.: *See—*
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- Fabian, Clifford L. Temperature compensating attachment for lineal measures. 2,820,296, 1-21-58, Cl. 33-137.
- Fabian, Joseph M., and A. Pfitzer; said Pfitzer assor. to said Fabian. Collapsible tray. 2,822,106, 2-4-58, Cl. 220-4.
- Fabiani, D. C.: *See—*
Gandy, John E. 2,843,861.
- Fabio, Paul F.: *See—*
Brockman, John A., Jr., and Fabio. 2,837,556.
- Fabish, Edward A. Method of browning flour. 2,848,332, 8-19-58, Cl. 99-93.
- Fabish, Edward F., to Illinois Tool Works. Method of making a two-piece milling cutter. 2,852,962, 9-23-58, Cl. 76-101.
- Fábregas, José H., and J. C. C. Mayans. Actuating means adapted to utilize a gaseous fluid for its operation. 2,831,083, 4-15-58, Cl. 200-81.5.
- Fabrica Argentina de Alparagas S. A. I. C.: *See—*
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- Fabricated Products Co., Inc.: *See—*
Black, Daniel A. 2,848,911.
- Fabrin, Axel O., to Layne & Bowler, Inc. Shaft coupling means. 2,850,982, 9-9-58, Cl. 103-87.
- Fabrique D'Horlogerie La Vedette, S. A.: *See—*
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- Fabriques de Produits Chimiques de Thann et de Mulhouse: *See—*
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- Fabriques Movado: *See—*
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- Fabrizio, Arno. Sandal for walking on tar, asphalt and the like. 2,825,153, 3-4-58, Cl. 36-7.5.
- Fabry, Robert J. Picture frame. 2,826,843, 3-18-58, Cl. 40-152.
- Faccou, Harlan N. Pneumatic stapler. 2,818,570, 1-7-58, Cl. 1-44.4.
- Fachini, Robert M.: *See—*
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- Fackler, John M., Jr. Divided power differential. 2,837,936, 6-10-58, Cl. 74-711.
- Factor, Max, Co.: *See—*
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- Fada Radio & Electric Co., Inc.: *See—*
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McKain, Walter P. 2,865,641.
- Faerber, Harry W., to Time, Inc. Methods and apparatus for varying web sidelay. 2,821,387, 1-28-58, Cl. 271-2.6.
- Faerber, Harry W., to Time, Inc. Signature stitching mechanism. 2,827,632, 3-25-58, Cl. 1-7.
- Faerber, Harry W., to Time, Inc. Stacking apparatus. 2,843,378, 7-15-58, Cl. 271-87.
- Faerber, Harry W., to Time, Inc. Signature feeding and opening mechanism. 2,845,264, 7-29-58, Cl. 270-54.
- Faerber, Harry W., to Time, Inc. Stream feeder device. 2,853,297, 9-23-58, Cl. 271-11.
- Faerber, Harry W., to Time, Inc. Jogger mechanisms. 2,853,298, 9-23-58, Cl. 271-87.
- Faerber, Harry W., to Time, Inc. Threading mechanism. 2,862,705, 12-2-58, Cl. 271-2.1.
- Faerber, Harry W., to Time, Inc. Rotary ductor spider. 2,863,389, 12-9-58, Cl. 101-348.
- Faehnel, Arthur C.: *See—*
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- Faenza, Vittorio: *See—*
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- Faerber, Gerhard, to Deutsche Solvay-Werke G. m. b. H. Separation of polyhydric alcohols and monovinyl ethers thereof. 2,836,546, 5-27-58, Cl. 202-42.
- Faerber, Gerhard, to Deutsche Solvay-Werke G. m. b. H. Process for the working up of mixtures consisting of vinyl ethers of aliphatic or cycloaliphatic alcohols. 2,856,436, 10-14-58, Cl. 260-616.
- Fafnir Bearing Co., The: *See—*
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Leister, Fayette. 2,856,245.
Potter, Howell L. 2,823,449.
- Fagen, Morton D., to Bell Telephone Laboratories, Inc. Ultrasonic acoustic wave transmission delay lines. 2,859,415, 11-4-58, Cl. 33-30.
- Fageol, Louis J., to Twin Coach Co. Internal combustion engines and methods of manufacturing such engines. 2,852,837, 9-23-58, Cl. 29-156.4.
- Fagerstrom, Elmer L.: *See—*
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- Fagge, Ralph D. Spot welding gun. 2,839,664, 6-17-58, Cl. 219-89.
- Fagge, Ralph D., deceased; S. A. Fagge, administratrix. Multiple-piston-head cylinder for fixture type spot welding gun. 2,851,994, 9-16-58, Cl. 121-38.
- Fagge, Sophie A.: *See—*
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- Fagnani, Lazzaro: *See—*
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- Fagot, Jacques, to Compagnie Generale de Telegraphie Sans Fil. Electronic pulse-counting system. 2,828,910, 4-1-58, Cl. 235-61.
- Fahey, Richard J.: *See—*
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Carkhuff, Le Roy F., and Fahey. 2,843,082.
- Fahey, Richard J., to The Diamond Match Co. Carton closing and sealing apparatus. 2,821,830, 2-4-58, Cl. 53-376.
- Fahland, Frank. Highway trailer carrying car. 2,837,038, 6-3-58, Cl. 105-368.
- Fahland, Frank. Adjustable wheel block. 2,858,905, 11-4-58, Cl. 188-32.
- Fahlenberg, Paul, to H. and F. W. Deckel. Photographic camera with exposure meter. 2,849,936, 9-2-58, Cl. 95-10.
- Fahlgren, Gordon L., 1/2 to L. S. Fahlgren. Combination ignition and safety switch. 2,850,589, 9-2-58, Cl. 200-61.47.
- Fahlgren, Leonard S.: *See—*
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- Fahlman, Everett G.: *See—*
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- Fahlman, Everett G., and S. W. Jackson, to The Permol Co. Cast metal dual tire wheels. 2,819,118, 1-7-58, Cl. 301-13.
- Fahnestock, Frank C., to Socony Mobil Oil Co., Inc. Method and apparatus for cooling granular contact material. 2,833,726, 5-6-58, Cl. 252-418.
- Fahnestock, Frank C., and J. P. Shambaugh, to Socony Mobil Oil Co., Inc. Hydrocarbon conversion process. 2,859,171, 11-4-58, Cl. 208-86.
- Fahnestock, Richard J.: *See—*
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- Fahnnoe, Frederick: *See—*
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Shyne, James J., and Fahnnoe. 2,830,017.
- Fahnnoe, Frederick, and J. J. Shyne, to Vitro Corp. of America. Method of forming a high friction element. 2,828,254, 3-25-58, Cl. 204-181.
- Fahnnoe, Frederick, and J. J. Shyne, to Vitro Corp. of America. Method of making a multiple lamination construction. 2,848,391, 8-19-58, Cl. 204-38.
- Fahnnoe, Frederick, and J. J. Shyne, to Vitro Corp. of America. Electrophoretic method of making an abrasive article and article made thereby. 2,858,256, 10-28-58, Cl. 204-4.
- Fahnnoe, Frederick, and J. J. Shyne, to Vitro Corp. of America. Metal coating. 2,860,098, 11-11-58, Cl. 204-181.
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- Fahr, Elisabeth E. A.: *See—*
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- Fahrenbach, Wolfgang B., to Edlo, Inc. Carton carrier. 2,835,382, 5-20-58, Cl. 206-65.
- Fahrenbach, Wolfgang B., to Edlo, Inc. Carton carrier. 2,846,063, 8-5-58, Cl. 206-65.
- Fahringer, Jerry. Frozen food thaw indicator. 2,852,394, 9-16-58, Cl. 99-192.
- Fahringer, Victor T. Pressure seal. 2,834,193, 5-13-58, Cl. 68-5.
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- Failor, Charles W., to Westinghouse Air Brake Co. Control apparatus for highway crossing gate and signal. 2,826,686, 3-11-58, Cl. 246-130.
- Fainman, Morton, to Standard Oil Co. Extreme pressure lubricant. 2,834,732, 5-13-58, Cl. 252-33.6.
- Fair, Albert E. H., to Brown Co. Apparatus for dewatering fibrous tubing. 2,857,824, 10-28-58, Cl. 92-59.
- Fairbank, Murry N., to Polaroid Corp. Photographic apparatus. 2,823,317, 2-11-58, Cl. 250-68.
- Fairbank, Murry N., to Polaroid Corp. Photographic apparatus. 2,835,179, 5-20-58, Cl. 95-75.
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- Fairbanks Co., The: *See—*
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- Fairbanks, Gordon J., to Stewart-Warner Corp. High capacity combustion heater. 2,850,004, 9-2-58, Cl. 126-116.

- Fairbanks, Gordon J., to Stewart-Warner Corp. Electrically operated damper for space heating and cooling systems. 2,856,484, 10-14-58, Cl. 200-98.
- Fairbanks, Henry N., to Eastman Kodak Co. Stereo mounting device. 2,852,153, 9-16-58, Cl. 216-29.
- Fairbanks, Henry N., and O. E. Thayer, to Eastman Kodak Co. Hand cutter. 2,839,211, 6-17-58, Cl. 216-58.
- Fairbanks, Howard C., to Eastman Kodak Co. Photocell voltage supply. 2,824,239, 2-18-58, Cl. 250-214.
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- Dauids, John H. 2,852,013.
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- Henderson, Robert M. 2,838,298.
- Lewis, Russell W. 2,832,569.
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- Thorsson, Matthew T. 2,819,054.
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- Fairbert, William H. Railroad tie. 2,841,338, 7-1-58, Cl. 238-59.
- Fairchild Camera & Instrument Corp.: See—
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- Doyle, Irving W., and Houghton. 2,832,854.
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- Henson, Richard A. 2,823,878.
- Jones, Everett E. 2,830,475.
- Landers, Willard L. 2,848,181.
- Le May, Ernest G., Jr., and Drake. 2,858,075.
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- Roberts, Howard E. 2,824,212.
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- Fairchild Graphic Equipment, Inc.: See—
- Goetz, Maurus T. 2,857,459.
- Goetz, Maurus T., and Halvorsen. 2,838,114.
- Fairchild, Horatio J., to United States Shaft Co. Core engaging shaft. 2,849,192, 8-26-58, Cl. 242-72.
- Fairchild, William P.: See—
- Brown, Russell H., Fairchild, and Kawabara. 2,848,373.
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- Fairchok, Andrew D. Track-to-tie connector for railways. 2,858,078, 10-28-58, Cl. 238-288.
- Fairclough, James T., to United States Rubber Co. Method of making latex sponge rubber. 2,858,282, 10-28-58, Cl. 260-25.
- Fairey Aviation Co. Ltd., The: See—
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- Fairfield, Hugh J. Process for oiling fabrics prior to reduction to fibre. 2,819,496, 1-14-58, Cl. 19-66.
- Fairhurst, Harold A., to Murphy Radio Ltd. Electron beam controlling system. 2,862,999, 12-2-58, Cl. 178-54.
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- Sublett, Ira, and Johnson. 2,846,187.
- Fairmington, William J., to American Can Co. Apparatus for storing and transporting articles. 2,859,888, 11-11-58, Cl. 214-311.
- Fairweather, David A. W., and J. F. McGeachen, to Imperial Chemical Industries Ltd. New dyestuff intermediates. 2,842,561, 7-8-58, Cl. 260-351.
- Fairweather, Stephen H., to Thompson Products, Inc. Load rate circuit for alternator control systems. 2,832,030, 4-22-58, Cl. 232-23.
- Fairweather, Stephen H., and K. Seldner, to Thompson Products, Inc. Load sensing system. 2,839,694, 6-17-58, Cl. 307-153.
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- Faith-Ell, Lars J., to Aktiebolaget Elektrolux. Motor-fan unit mounting for suction cleaner. 2,843,315, 7-15-58, Cl. 230-235.
- Fajans, Edgar W.: See—
- Nies, Nelson P., Fajans, Thomas, Hiebert, and Morgan. 2,832,730.
- Falcetti, Steve. Detachable ironing board clothes support rack. 2,857,693, 10-28-58, Cl. 33-111.
- Falciglia, Guy E. Two way viewing device for vehicles. 2,818,778, 1-7-58, Cl. 88-87.
- Falck, George: See—
- Okulitch, George J., Zozulin, Handberg, and Falck. 2,823,946.
- Falck-Pedersen, Kjell A., to Acme Steel Co. Strap sealing tool. 2,831,380, 4-22-58, Cl. 81-9.1.
- Falck, Werner, E. Roder, and S. Voil, to Siemens-Schuckertwerke Akt. Dynamo-electric amplifier. 2,836,741, 5-27-58, Cl. 310-59.
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- Leshner, Ervin. 2,861,855.
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- Reeves, Charles E. G. 2,840,032.
- Falcon, Carlos: See—
- Simoneini, Manlio, and Falcon. 2,865,458.
- Falconer Metal Specialties Co., Inc.: See—
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- Falderbaum, Herbert: See—
- Sussebach, Walter, and Falderbaum. 2,851,136.
- Faler, John A.: See—
- Shoemaker, Robert H., and Faler. 2,863,465.
- Faige, Robert N.: See—
- Clayton, David P., and Falge. 2,837,609.
- Falge, Robert N., to General Motors Corp. Lamp mounting. 2,826,682, 3-11-58, Cl. 240-41.5.
- Falge, Robert N., to General Motors Corp. Light bulb. 2,843,778, 7-15-58, Cl. 313-113.1.
- Falge, Robert N., to General Motors Corp. Headlight lens. 2,846,568, 8-5-58, Cl. 240-41.4.
- Falge, Robert N., and E. M. Brohl, to General Motors Corp. Projection lamp aiming device. 2,831,262, 4-22-58, Cl. 33-180.
- Falk, Charles J.: See—
- Gitzendanner, Louis G., and Falk. 2,855,572.
- Falk & Co.: See—
- Gutkin, Samuel S. 2,863,890.
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- Schmitter, Walter P. 2,832,230.
- Wrightson, Vic C., and Stern. 2,859,600.
- Falk, Harold W., to Wright Products, Inc. Hardware for combination sash and screen. 2,830,837, 4-15-58, Cl. 292-11.
- Falk, Harold W., to Wright Products, Inc. Door check. 2,841,813, 7-8-58, Cl. 16-66.
- Falk, Morris, and W. Weisman, to A. M. Collet Supplies, Inc. Chain pin extractor with a plurality of hinged stops. 2,826,893, 3-18-58, Cl. 59-7.
- Falken, Henry K., and R. A. Vogel, Jr. Nailing machine. 2,830,294, 4-15-58, Cl. 1-1.
- Falkenbach, Gunther: See—
- Braun, Arthur, Falkenbach, and Graichen. 2,822,485.
- Falkenstein, Otis P., to United States of America, Army. Cable clamp. 2,838,819, 6-17-58, Cl. 24-126.
- Falkowski, Edward C., to Westinghouse Air Brake Co. Car retarder speed control apparatus. 2,819,682, 1-14-58, Cl. 104-26.
- Fall, Harry H.: See—
- Petering, Harold G., and Fall. 2,825,729.
- Fall, Herbert S. Cabinet chassis supporting track. 2,865,685, 12-23-58, Cl. 308-3.8.
- Falla, Fernando, to Kennedy-Van Saun Mfg. & Eng. Corp. Steam boiler with superheater and controls therefor. 2,841,125, 7-1-58, Cl. 122-479.
- Fallert, Charles H. Rod accessory for fish hooks and leaders. 2,865,128, 12-23-58, Cl. 43-25.2.
- Fallert, Clifford D., to Crown Zellerbach Corp. Container for heavy articles. 2,857,090, 10-21-58, Cl. 229-36.
- Falligant, Louis A., to Prepo Corp. Assembly and locking means for liquid handling devices. 2,860,820, 11-18-58, Cl. 222-82.
- Fallin, Earl A., to Consumers Products Co. Method for the production of dicalcium phosphate. 2,857,245, 10-21-58, Cl. 23-109.
- Fallon, John. Internally fired tubes for heating furnaces or other purposes. 2,823,659, 2-18-58, Cl. 126-91.
- Fallon, John R., and S. H. Foster, to Monsanto Chemical Co. Textile size. 2,859,189, 11-4-58, Cl. 260-23.
- Fallon, John T. Continuous-flow air or/and gas heaters. 2,836,399, 5-27-58, Cl. 257-236.
- Fallon, John T. Regenerative furnace. 2,843,371, 7-15-58, Cl. 263-15.
- Fallon, John T. Regenerative heat exchange apparatus. 2,863,644, 12-9-58, Cl. 257-6.
- Fallon, Dr. Madeline: See—
- Goetz, Alexander, and Karig. 2,858,903.
- Fallon, Michael L., to The Gleason Works. Differential mechanism. 2,855,805, 10-14-58, Cl. 74-711.
- Fallon, Michael L., to The Gleason Works. Differential transmission mechanism. 2,855,806, 10-14-58, Cl. 74-711.
- Fallon, Raymond D., H. E. Elliott, and L. K. Loehr, to Hughes Tool Co., Aircraft Division. Links for fabricating flexible ammunition chutes. 2,819,780, 1-14-58, Cl. 193-25.
- Fallon, Wilmer S. Fluid pump or motor. 2,865,304, 12-23-58, Cl. 103-162.
- Fallows, Louis F.: See—
- Scott, Harry A., and Fallows. 2,819,659.

- Fallwell, Ernest L.: *See*—
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- Falstraut, Edmund A.: *See*—
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- Faltin, William G. Litter receptacle for vehicles and the like. 2,830,748, 4-15-58, Cl. 224-42.46.
- Faltin, William G. Bag-like receptacle. 2,861,735, 11-25-58, Cl. 229-53.
- Famlier, Henri, and B. Ginger, to Compagnie Generale de Telegraphie Sans Fil. Distance measuring equipment utilizing frequency modulation. 2,820,898, 1-21-58, Cl. 250-36.
- Fan, Sin-Pih, to Burroughs Corp. Gaseous discharge devices. 2,825,853, 3-4-58, Cl. 315-168.
- Fan, Sin-Pih, and R. A. Cola, to Burroughs Corp. Switching methods and structure with multi-output tubes. 2,834,912, 5-13-58, Cl. 315-21.
- Fan, Sin-Pih, and S. Kuchinsky, to Burroughs Corp. Modulated distribution system. 2,839,702, 6-17-58, Cl. 315-9.
- Fan, Sin-Pih, and R. A. Cola, to Burroughs Corp. Counting circuit using multiple position beam switching tubes. 2,848,646, 8-19-58, Cl. 315-8.6.
- Fancher, Llewellyn W.: *See*—
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- Fancher, Llewellyn W., to Stauffer Chemical Co. Process of making aryl thioethers. 2,827,492, 3-18-58, Cl. 260-609.
- Fancher, Otis E., to Miles Laboratories, Inc. Substituted polyamines. 2,851,466, 9-9-58, Cl. 260-340.5.
- Fancher, Otis E., to Miles Laboratories, Inc. Tranquilizing composition comprising 2-ethyl-cis-crotonylurea. 2,854,379, 9-30-58, Cl. 167-65.
- Fandrich, Fred B. Sure grip combination bar. 2,863,635, 12-9-58, Cl. 254-25.
- Fang, James C., to E. I. du Pont de Nemours and Co. Thermosetting epoxide polymer mixtures, method of making same and coatings containing same. 2,849,418, 8-26-58, Cl. 260-45.5.
- Fang, James C., to E. I. du Pont de Nemours and Co. Process of making glycidyl methacrylate polymer composition containing same, and product coated therewith. 2,857,354, 10-21-58, Cl. 260-32.2.
- Fang, James C., to E. I. du Pont de Nemours and Co. Composition containing copolymer of ethylenically unsaturated compounds and a diglycidyl ester of a dicarboxylic acid and process of making same. 2,866,767, 12-30-58, Cl. 260-30.
- Fang, Pao-Hsien, to Philco Corp. Thermionically emitting device. 2,866,915, 12-30-58, Cl. 313-337.
- Fanning, Frank U., to Lectro Mfg., Inc. Abrasive rolls. 2,855,732, 10-14-58, Cl. 51-190.
- Fanning, Mac E. Hydraulic brake safety signal. 2,824,187, 2-18-58, Cl. 200-84.
- Fannon, Robert L., to The British Oxygen Co. Ltd. Cutting of metals and alloys. 2,821,615, 1-28-58, Cl. 219-69.
- Fansteel Metallurgical Corp.: *See*—
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- Fantema, Leonard F., Beidler, and Campbell. 2,823,151.
- Fantema, Leonard F., and Campbell. 2,865,088.
- Faut, James A., to Hit-A-Homa, Inc. Combination ball and cord. 2,842,366, 7-8-58, Cl. 273-26.
- Fantatic, Dominic N. Hydraulic auto jack. 2,827,262, 3-18-58, Cl. 254-93.
- Fantle, Karl S. Post and support. 2,859,840, 11-11-58, Cl. 189-28.
- Fanton, Eric J., to Pangborn Corp. Wet dust collector. 2,832,432, 4-29-58, Cl. 183-24.
- Fantozzi, Vincent J.: *See*—
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- Farandatos, Denis. Magnetic cam opener. 2,858,604, 11-4-58, Cl. 30-6.4.
- Farbak, John E., and P. Gibson, to Swift & Co. Sulfurized low polyunsaturated oils and lubricants containing them. 2,824,067, 2-18-58, Cl. 252-48.6.
- Farbak, John E., and E. J. Kasmien, to Swift & Co. Yeast plasticizer. 2,830,906, 4-15-58, Cl. 99-96.
- Farbenfabriken Bayer. *See*—
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- Farbenfabriken Bayer Aktiengesellschaft: *See*—
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- Farbenfabriken Bayer Aktiengesellschaft: *See*—Continued
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- Farber, Frank. Levelling the grain cleaning and separating mechanism in harvesters. 2,831,577, 4-22-58, Cl. 209-416.
- Farber, L. Wolting Co.: *See*—
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- Farber, Monroe, to Fairchild Camera and Instrument Corp. Printing control circuits for photoelectric engraving machines. 2,824,905, 2-25-58, Cl. 178-6.6.
- Farber, Richard J., to Hazeltine Research, Inc. Frequency-converter system having mixer and local oscillator gain controlled in opposite sense. 2,853,602, 9-23-58, Cl. 250-20.
- Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning: *See*—
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- Farchmin, Roy H.: *See*—
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- Farchmin, Roy H., R. D. Pitts, and E. F. Zuber, to Pickwick Co. Tendon puller. 2,836,845, 6-58, Cl. 17-11.3.
- Fardon, Harry D., Jr., and H. J. Pike, Jr., to Allied Chemical Corp. Tow crimping apparatus. 2,862,279, 12-2-58, Cl. 28-1.
- Fargo Mfg. Co., Inc.: *See*—
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- Wengen, Henry R., and Walker. 2,858,522.
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- Farinacci, Nicholas T. Synthetic androgens, 13-methyl-aceto polyhydrophenanthrene derivatives and preparation thereof. 2,830,074, 4-8-58, Cl. 260-468.
- Farinacci, Nicholas T. α -carbonylated 8,13-dimethyl polyhydrophenanthrene compounds and preparation thereof. 2,830,075, 4-8-58, Cl. 260-468.5.
- Farinacci, Nicholas T. 2-isopropyl 8,13-dimethyl (1,2) and (2,3) polyhydrophenanthryl tertiary carbinols and preparation and recovery thereof. 2,830,093, 4-8-58, Cl. 260-617.5.
- Farinacci, Nicholas T. Halogenated derivatives of -8,13-dimethyl nuclearly monounsaturated polyhydrophenanthrene tertiary carbinols and preparation thereof. 2,830,094, 4-8-58, Cl. 260-617.5.
- Farinet, Fred A., Jr., to United States of America, Air Force. Automatic exposure control system for aircraft gun camera installation. 2,858,750, 11-4-58, Cl. 95-10.
- Farison, Glenn S., to Essex Wire Corp. Turn in socket. 2,849,697, 8-26-58, Cl. 339-127.
- Farison, Robert E., to The Du Bois Co., Inc. Chemical feeder. 2,832,366, 4-29-58, Cl. 137-101.11.
- Farkas, Adalbert, and R. Rosenthal, to Allied Chemical & Dye Corp. Production of phthalonitriles. 2,833,807, 5-6-58, Cl. 260-465.
- Farkas, Alfred J. Friction-operated package coding devices. 2,832,284, 4-29-58, Cl. 101-111.
- Farkas, Roland Z., to Texize Chemicals, Inc. Foaming bleach. 2,834,737, 5-13-58, Cl. 252-187.
- Farkas, Thomas P.: *See*—
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- Farkas, Thomas P., to United Aircraft Corp. Tank level equalizer. 2,840,097, 6-24-58, Cl. 137-98.
- Farkas, Thomas P., to United Aircraft Corp. Propeller control system. 2,840,169, 6-24-58, Cl. 170-135.74.
- Farkas, Walter G., and L. A. Flexner, to Hoffmann-La Roche Inc. Process for making esters of diaryl hydroxyacetic acids. 2,843,593, 7-15-58, Cl. 260-294.3.
- Farley, Brian. Means for operating delvers. 2,840,929, 7-1-58, Cl. 37-98.
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- Farley, George F., and A. Hildebrandt, to Spincraft, Inc. Revolving stand. 2,847,175, 8-12-58, Cl. 248-45.
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- Golay, Donaven E. 2,859,764.
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- Farmer, Horace E. Bearing testing machines. Re. 24,472, 5-20-58, Cl. 73-9.
- Farmer, Horace E. Cam actuated work clamp means movable continuously in a rotary path. 2,820,973, 1-28-58, Cl. 10-107.
- Farmer, James W., W. P. Fergani, and A. K. Scriven, Jr., to Reid Brothers Co., Inc. Machine tool. 2,859,561, 11-11-58, Cl. 51-93.
- Farmer, Michael H., to Esso Research and Engineering Co. Liquid-liquid extraction tower. 2,861,027, 11-18-58, Cl. 196-14.52.
- Farmer, Robert B., to C. P. Clare & Co. Polarized relay. 2,856,483, 10-14-58, Cl. 200-93.
- Farmer, Stanley E., to Cascade Mfg. Co. Pressure operated sealing means for hydraulic actuators. 2,836,443, 5-27-58, Cl. 286-26.
- Farmer, Stanley E., and H. F. Weinert, to Cascade Mfg. Co. Load clamping apparatus for lift trucks. 2,844,403, 7-22-58, Cl. 294-67.
- Farmes, Allen E. Finger protectors. 2,834,018, 5-13-58, Cl. 2-21.
- Farmingdale Corp.: *See*—
- Modrey, Joseph. 2,844,099.
- Farmwald, John A.: *See*—
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- Farmwald, John A., and N. R. Miller, to The Johnson Rubber Co. Cutting mechanism. 2,846,002, 8-5-58, Cl. 164-41.
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- Farnham, Frederick R., and H. C. Graves, Jr., to Gibson Electric Co. Internally oxidized electrical contact. 2,861,155, 11-18-58, Cl. 200-166.
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- Farnsworth, Philo T., to International Telephone and Telegraph Corp. Storage type electron tube systems. 2,830,111, 4-8-58, Cl. 178-5.4.
- Farnsworth Research Corp.: *See*—
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- Farnsworth, William H. Method and apparatus for evaporating salt brine or the like. 2,863,501, 12-9-58, Cl. 159-24.
- Faron, Evelyn E., to A. Stein & Co. Brassiere. 2,866,462, 12-30-58, Cl. 128-429.
- Farquhar, Robert H. Device for indicating the relative movement of the earth and a heavenly body. 2,825,151, 3-4-58, Cl. 35-43.
- Farr, John W. F.: *See*—
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- Farr, John W. F., W. S. Gilmour, and A. Kennaway, to Imperial Chemical Industries Ltd. Process for forming granules of thermoplastic polymeric materials. 2,862,243, 12-2-58, Cl. 18-47.5.
- Farr, Lewis L. Apparatus for molding ice cream. 2,832,299, 4-29-58, Cl. 107-15.
- Farr, Willard H., to Stewart-Warner Corp. Speed responsive warning switch. 2,846,539, 8-5-58, Cl. 200-80.
- Farrady, William, to Celanese Corp. of America. Winding apparatus. 2,822,662, 2-11-58, Cl. 57-34.
- Farrady, William, and R. W. Coleman, to Celanese Corp. of America. Yarn winding. 2,822,661, 2-11-58, Cl. 57-31.
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- Farrar, Jack R., and G. E. Lentz, to F. A. Pachmayr. Formation of fastener elements having interrupted threads. 2,838,775, 6-17-58, Cl. 10-27.
- Farrar, John F. P., and D. W. Wentress, to Flexonics Corp. Autogenous welded laminated expansion joint for conduits. 2,832,613, 4-29-58, Cl. 285-226.
- Farrar, Martin W., to Monsanto Chemical Co. 4-formyl 1-(3-keto-6-carboxyhexyl)-2-keto-10-methyl-1,2,5,8,9,10-hexahydronaphthalene. 2,836,616, 5-27-58, Cl. 260-468.
- Farrar, Martin W., H. Raffelson, and W. S. Knowles, to Monsanto Chemical Co. 21-diazo-compounds for synthesizing steroids. 2,832,772, 4-29-58, Cl. 260-239.55.
- Farrar, Martin W., H. Raffelson, and W. S. Knowles, to Monsanto Chemical Co. Diazo-ketones for synthesizing steroids. 2,832,773, 4-29-58, Cl. 260-239.55.
- Farrar, Martin W., H. Raffelson, and W. S. Knowles, to Monsanto Chemical Co. Esters for synthesizing steroids. 2,859,213, 11-4-58, Cl. 260-239.55.
- Farrar, Martin W., H. Raffelson, and W. S. Knowles, to Monsanto Chemical Co. Halogenated compounds for synthesizing steroids. 2,859,224, 11-4-58, Cl. 260-239.45.

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- Farrell, Eugene F., to Borg-Warner Corp. Method of making hydrodynamic couplings. 2,839,826, 6-24-58, Cl. 29—530.
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- Farrell, Walter O., and G. A. Ruschman, to The Richardson Co. Method for hard rubber dust production. 2,827,505, 3-18-58, Cl. 260—775.
- Farrer, Kenneth, to Baker Perkins Ltd. Sandwiching machine. 2,838,010, 6-10-58, Cl. 107—1.
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- Farrington Mfg. Co., The: *See*—
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- Farris, Victor D., to The General Electric Co. Ltd. Methods of forming a junction in a semiconductor. 2,857,296, 10-21-58, Cl. 148—15.
- Farris, Victor W. Safety valves. 2,821,208, 1-28-58, Cl. 137—478.
- Farris, Victor W. Safety valve having shielded sealing member. 2,832,372, 4-29-58, Cl. 137—528.
- Farron, John R., and C.-B. Sung, to Bendix Aviation Corp. Cam pump. 2,845,872, 8-5-58, Cl. 103—123.
- Farrow, Benjamin J. Screw-cutting lathes. 2,832,247, 4-29-58, Cl. 82—23.
- Farrow, Benjamin J. Screw-cutting lathes. 2,865,241, 12-23-58, Cl. 82—23.
- Farval Corp., The: *See*—
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- Farwell, Ray. Mechanical mower. 2,865,160, 12-23-58, Cl. 56—26.
- Fasano, Fred A. Apparatus for bending tubes. 2,844,058, 7-22-58, Cl. 81—15.
- Fasce, Egi V., to Esso Research and Engineering Co. Production of resins by reaction of maleic anhydride with steam-cracked fractions. 2,824,859, 2-25-58, Cl. 260—78.5.
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 Zickendraht, Christian, and Fasciati. 2,832,762.
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- Fash, Bernice. Lifting sheet. 2,835,902, 5-27-58, Cl. 5—82.
- Fasold, George A.: *See*—
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- Fassbender, Henry J.: *See*—
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- Fassero, Anthony T., and J. R. Maddox. Curing rims for tubeless tires. 2,835,922, 5-27-58, Cl. 18—18.
- Fast, Clarence R.: *See*—
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- Fast, Clarence R., A. O. Fischer, and B. V. Randall, to Pan American Petroleum Corp. Drilling fluid for forming settable filter cake. 2,826,547, 3-11-58, Cl. 252—8.5.
- Fast, Johann D.: *See*—
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- Fastel Corp., Inc.: *See*—
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- Fastenrath, Walter: *See*—
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- Fastinger, Leon. Electric ironing station for domestic purposes, for craftsmen and for industrial purposes. 2,860,427, 11-18-58, Cl. 38—342.
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- Fasulo, Frank S., and W. J. Wolff. Attachment to polishing machine. 2,826,013, 3-11-58, Cl. 51—166.
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- Fath, Joseph, to Heyden Newport Chemical Corp. Vinyl chloride polymer stabilized with thiophosphite and polyvalent metal soap. 2,824,847, 2-25-58, Cl. 260—23.
- Fath, Joseph, G. J. Leitner, and M. Nowak, to Heyden Newport Chemical Corp. Solubilized phenyl mercury acetate compositions. 2,824,825, 2-25-58, Cl. 167—42.
- Fathauer, George H., to Thompson Products, Inc. Line voltage derived sweep driving circuit. 2,820,922, 1-21-58, Cl. 315—27.
- Fathauer, George H., to Thompson Products, Inc. Sweep circuit. 2,824,230, 2-18-58, Cl. 250—36.
- Fathauer, George H., to Thompson Products, Inc. Camera and mirror arrangement. 2,854,901, 10-7-58, Cl. 95—12.
- Fathy, Abdel A.: *See*—
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- Fatzer, Willy: *See*—
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- Fatzinger, Erastus A.: *See*—
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- Faucette, Charles D.: *See*—
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- Faucher, Andrew J. Gas fueled hot air generator. 2,841,382, 7-1-58, Cl. 263—19.
- Faucheux, Philippe J. R. Machine intended for thinning-out plants sown in line. 2,825,273, 3-4-58, Cl. 97—12.
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- Faulkner, Alfred H., and R. L. Huffman, to General Telephone Laboratories, Inc. Coin identifying circuit. 2,856,460, 10-14-58, Cl. 179—63.
- Faulkner, James E., to Lador, Inc. Music box driven dancing figurine. 2,840,949, 7-1-58, Cl. 46—118.
- Faulkner, Lester W., Jr.: *See*—
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- Faulis, Everett S., Jr., and K. A. Rusch, to Milprint, Inc. Art of delivering flexible sheets. 2,852,256, 9-16-58, Cl. 271—76.
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- Faultless Rubber Co., The: *See*—
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- Faunce, Stuart F. Nursing bottle holder. 2,828,097, 3-25-58, Cl. 248—106.
- Fauser, Donald L., and O. A. Ullrich, Jr., to The Haloid Co. Method for developing electrostatic latent images. 2,824,813, 2-25-58, Cl. 117—17.5.
- Fauser, Giacomo, to Montecatini, Società Generale per l'Industria Mineraria e Chimica. Method of separating acetylene from methane cracking gases. 2,834,431, 5-13-58, Cl. 183—120.
- Fausset, Ernest R., to General Motors Corp. Conveying mechanism. 2,856,054, 10-14-58, Cl. 198—19.
- Faust, Charles L.: *See*—
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- Faust, Charles L., and W. H. Safranek, to Rockwell Spring and Axle Co. Nickel-iron-zinc alloy electroplating. 2,840,517, 6-24-58, Cl. 204—43.
- Faust, Francis S., to R. G. Wright Co., Inc. Container washing machine. 2,840,089, 6-24-58, Cl. 134—81.
- Faust, Ira A. Mechanic's sawhorse. 2,841,451, 7-1-58, Cl. 304—5.
- Faust, John P., D. J. Mangold, and E. D. Whitney, to Olin Mathieson Chemical Corp. Preparation of pentaborane (11). 2,849,290, 8-26-58, Cl. 23—204.
- Faust, John W., Jr., to Westinghouse Electric Corp. Electrolytic etching processes. 2,861,931, 11-25-58, Cl. 204—141.
- Faust, Josef, to Klöckner-Humboldt-Deutz Akt. Fuel injection device. 2,839,000, 6-17-58, Cl. 103—5.
- Faust, Ralph M.: *See*—
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- Faustich, Henry J., Jr. Safety fish hook with retractable barbs. 2,851,817, 9-16-58, Cl. 43—44.82.
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- Fauteux, Henri A., Hanger. 2,818,624, 1-7-58, Cl. 24—137.
- Fauth, Frederick E.: *See*—
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- Fauver, J. M., Co., Inc.: *See*—
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- Favaretto, Gianni. Structural toy and model building set. 2,861,388, 11-25-58, Cl. 46—16.
- Faverty, Clyde B., to Pullman-Standard Car Mfg. Co. Ballast car door operating mechanism. 2,835,208, 5-20-58, Cl. 105—251.
- Favey, Jacques, to Ancienne Manufacture d'Horlogerie, Patek, Philippe & Co. S. A. Electrostatic balance clock. 2,835,105, 5-20-58, Cl. 58—28.
- Favin, David L., to Bell Telephone Laboratories, Inc. Synchronized automatic frequency control system. 2,847,572, 8-12-58, Cl. 250—36.
- Favre, Francois: *See*—
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- Favre, John A., to General Electric Co. Stored energy operating device. 2,829,737, 4-8-58, Cl. 185—37.

- Favre, John A., to General Electric Co. Stored energy type closing device for an electric circuit breaker. 2,861,144, 11-18-58, Cl. 200—82.
- Favre, Woodrow W., and H. B. Sadler. Deburring attachment for rotary drills. 2,847,884, 8-19-58, Cl. 77—66.
- Favreau, Elie A., Jr., and H. Roshkind, to C. G. S. Laboratories, Inc. Controllable inductors and methods of assembly. 2,844,803, 7-22-58, Cl. 336—155.
- Favro, Lawrence D.: *See—*
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- Faw. Price C. Cuff pressing and shaping machine. 2,853,214, 9-23-58, Cl. 223—2.
- Fawcett, Frank S.: *See—*
- Arnold, Herrick R., Fawcett, and Gilbert. 2,825,704.
- Arnold, Herrick R., Fawcett, and Howk. 2,825,705.
- Fawham Developments Ltd.: *See—*
- Knibbs, Norman V. S., and Thyer. 2,833,626.
- Fawick Corp.: *See—*
- Fawick, Thomas L. 2,852,757.
- Fawick, Thomas L. 2,857,031.
- Fawick, Thomas L. Forged wheel. 2,834,636, 5-13-58, Cl. 301—6.
- Fawick, Thomas L. Sand-paper holder. 2,848,851, 8-26-58, Cl. 51—187.
- Fawick, Thomas L., to Fawick Corp. Brake assembly including a warning device. 2,852,757, 9-16-58, Cl. 340—52.
- Fawick, Thomas L., to Fawick Corp. Assembly for use as a clutch or a brake. 2,857,031, 10-21-58, Cl. 192—85.
- Fawick, Thomas L. Flexible shaft coupling. 2,858,682, 11-4-58, Cl. 64—15.
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- Fawzi, Mohamed I. Rotary piston machine, especially for use as a compressor. 2,856,120, 10-14-58, Cl. 230—150.
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- Smith, John W. 2,835,733.
- Faxon, Rodney J.: *See—*
- Sollenberger, Lester D., and Faxon. 2,828,909.
- Fay, Fred A. Method and apparatus for curling hair. 2,829,654, 4-8-58, Cl. 132—7.
- Fay, Gerald S., to General Instrument Corp. Permeability tuner structure. 2,820,954, 1-21-58, Cl. 336—131.
- Fay, Harold C., and L. C. Cartwright. Cigarette. 2,836,183, 5-27-58, Cl. 131—4.
- Fay, Lawrence J.: *See—*
- Golz, Herbert C., and Fay. 2,822,231.
- Fay, Robert E., Jr., to E. I. du Pont de Nemours and Co. Process of coating a fabric with polytetrafluoroethylene, the product thereof and the coating composition therefor. 2,843,502, 7-15-58, Cl. 117—65.
- Fay, Robert H. Work holding device. 2,834,163, 5-13-58, Cl. 51—237.
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- Fayers, Alfred A., and B. G. Gates, to Minister of Supply, in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Magnetometer compass. 2,825,977, 3-11-58, Cl. 33—204.
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- Fayolle, Marcel: *See—*
- Ancet, Victor M. J., and Fayolle. 2,837,124.
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- Ancet, Victor M. J., and Fayolle. 2,837,124.
- Fazekas, Charles, to Taylor Biscuit Co. Coin operated vending machine. 2,866,578, 12-30-58, Cl. 221—260.
- Fazio, Angelo. Screw top liquor dispenser for bottles. 2,825,495, 3-4-58, Cl. 222—478.
- Fazio, Frank: *See—*
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- Fazis, Hermann, to D. Rothschild. Means for adjusting the tensioning of material wound on a beam. 2,861,439, 11-25-58, Cl. 64—30.
- Feagin, Roy C.: *See—*
- Erdle, Paul H., and Feagin. 2,859,088.
- Fear, James V. D., to Sun Oil Co. Recovery of desorbent components. 2,817,485, 8-12-58, Cl. 260—674.
- Fear, James V. D., to Sun Oil Co. Refining lubricating oils. 2,848,384, 8-19-58, Cl. 196—147.
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- Fearn, Richard L., to Syntroon Co. Sheathed electric heating elements. 2,818,631, 1-7-58, Cl. 29—155.5.
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- Fearn, William H. G. Flowerpot cone. 2,834,153, 5-13-58, Cl. 47—34.
- Feardon, Robert E., to Well Surveys, Inc. Method of observing and classifying the spectrum of gamma rays. 2,835,821, 5-20-58, Cl. 250—71.
- Feardon, Robert E., to Electro Chemical Laboratories Corp. Pigment and compositions thereof. 2,836,588, 5-27-58, Cl. 260—149.
- Fears, Robert O. Vehicle load distribution system. 2,835,505, 5-20-58, Cl. 280—104.
- Feasey, John: *See—*
- Smith, Charles A. V., and Feasey. 2,823,683.
- Feather Cast Corp.: *See—*
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- Febinger, William C., to Pittsburgh Plate Glass Co. Rotary brush cleaning apparatus. 2,852,791, 9-23-58, Cl. 15—77.
- Febvre, Edmond, to International Business Machines Corp. Recto-verso printing device. 2,858,004, 10-28-58, Cl. 197—151.
- Fedde, Christian D., and J. L. Westcot, to Collins Radio Co. Signal-to-noise squeel control circuit. 2,852,622, 9-16-58, Cl. 179—171.
- Fedder, Paul E. Analogue method for determination of moduli of a planar region. 2,829,823, 4-8-58, Cl. 235—61.
- Feder, Alvin, to Alted Corp. Rearview mirror. 2,855,825, 10-14-58, Cl. 88—93.
- Feder, Harold M., and N. R. Chellev, to the United States of America as represented by the Atomic Energy Commission. Decontamination of uranium. 2,822,260, 2-4-58, Cl. 75—84.1.
- Feder, Melvin S.: *See—*
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- Federal Carton Corp., Inc.: *See—*
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- Federal Electric Products Co.: *See—*
- Christensen, Paul M. 2,824,191.
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- Cole, Thomas M. 2,824,662.
- Cole, Thomas M. 2,842,635.
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- Federal-Huber Co.: *See—*
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- Federal Machine and Welder Co., The: *See—*
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- Corsi, George L. 2,837,359.
- Gebert, Marshall K., and Rich. 2,834,616.
- Johnson, Lloyd A., Christensen, and Martin. 2,823,051.
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- Federal Pacific Electric Co.: *See—*
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- Federal Products Corp.: *See—*
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- Federighi, George J., and T. H. Noren. Dishwashing machine with automatic final rinse control. 2,864,387, 12-16-58, Cl. 134—46.
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- Federmann, Karl, H. Claude, R. Ritter, and T. Pfeffer, to Heinrich Ritter Aluminiumwarenfabrik. Ice tray. 2,832,205, 4-29-58, Cl. 62—108.5.
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- Fedrick, Jack R.: *See*—
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- Feeley, Seymour A. Device for filing tape and other flat material. 2,827,057, 3-18-58, Cl. 129-16.7.
- Feeney, Bernard. Motor vehicle traction attachment. 2,838,086, 6-10-58, Cl. 152-214.
- Feeney, Edward J., and E. M. Hommel, to The O. Hommel Co. Low temperature vitreous coatings for steel. 2,842,458, 7-8-58, Cl. 117-70.
- Feeney, Joseph E. Press for printing on cylindrical articles. 2,855,845, 10-14-58, Cl. 101-39.
- Feeney, Thomas A., D. T. McRuer, R. J. Kulda, and L. L. Nalley, to Northrop Aircraft, Inc. Sideslip stability augment. 2,833,495, 5-6-58, Cl. 244-77.
- Fegan, Cecily M.: *See*—
- Fegan, Thomas G. 2,840,869.
- Fegan, Thomas G., deceased; C. M. Fegan, administratrix. Glazing with glass sheets. 2,840,869, 7-1-58, Cl. 20-56.4.
- Fegel, Martin J. Pack. 2,856,018, 10-14-58, Cl. 180-19.
- Fegley, Marian F.: *See*—
- Bortnick, Newman M., and Fegley. 2,826,602.
- Fegley, Marian F., and N. M. Bortnick, to Rohm & Haas Co. Transamination. 2,827,488, 3-18-58, Cl. 260-583.
- Fehling, Harold F. Control unit. 2,835,226, 5-20-58, Cl. 121-38.
- Fehling, Heinz: *See*—
- Pfeiffer, Adolf, and Fehling. 2,847,540.
- Fehlmann, Henri. Reciprocating carriage meat slicer. 2,827,092, 3-18-58, Cl. 146-102.
- Fehlner, Leo F., to United States of America, Navy. Sea anchor. 2,861,534, 11-25-58, Cl. 114-209.
- Fehn, Frank P., Sr.: *See*—
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- Fehr, Edith B., and A. P. Haase, to General Electric Co. Electric discharge device and method of making same. 2,849,639, 8-26-58, Cl. 313-261.
- Fehr, Joseph A., Jr., to General Electric Co. Cabinet hanger. 2,830,863, 4-15-58, Cl. 312-245.
- Feichtinger, Hans, to Ruhrchemie Akt. Dithiomalonate acid-dimorpholide. 2,834,778, 5-13-58, Cl. 260-247.1.
- Feichtinger, Hans, and H. Tummes, to Ruhrchemie Aktiengesellschaft. Production of wetting, emulsifying and washing agents. 2,821,536, 1-28-58, Cl. 260-401.
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- Feiertag, Karl M., to General Electric Co. Electrical terminal box and cover therefor. 2,845,198, 7-29-58, Cl. 220-3.8.
- Feiertag, Karl M., and W. R. Goss, to General Electric Co. Dynamoelectric machine. 2,843,771, 7-15-58, Cl. 310-236.
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- Feig, Jerome H., N. E. Dasher, and R. S. Fremont, to Marvin Electric Mfg. Co. Light fixture. 2,829,244, 4-1-58, Cl. 240-78.
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- Feighner, George C., to Continental Oil Co. Production of alkyl phenols by fusion. 2,822,406, 2-4-58, Cl. 260-628.
- Feighner, George C., and A. C. Shotts, to Continental Oil Co. Separation of aromatic acids. 2,840,604, 6-24-58, Cl. 260-525.
- Feighner, Olive M.: *See*—
- Feighner, Shirley D. 2,825,357.
- Feighner, Shirley D., to O. M. Feighner. Locking valve and key. 2,825,357, 3-4-58, Cl. 137-385.
- Feign, Abner O., to Allied Chemical & Dye Corp. Apparatus for transporting and handling materials. 2,827,185, 5-18-58, Cl. 214-83.28.
- Feigley, David A., Jr., to Armstrong Cork Co. Surface coverings. 2,819,754, 1-14-58, Cl. 154-25.
- Feild, Theophilus A., Jr.: *See*—
- Blanton, George K., and Feild. 2,841,567.
- Feild, Theophilus A., Jr., A. G. Schoonover, and J. H. Purse, to Union Carbide Corp. Process utilizing phosphoranyl for dyeing articles made from acrylonitrile containing polymers. 2,859,086, 11-4-58, Cl. 8-55.
- Feilden, Geoffrey B. R., to Ruston & Hornsby Ltd. Turbo-machines. 2,858,975, 11-4-58, Cl. 230-207.
- Feinberg, Albert E., to Advance Transformer Co. Ballast and lighting system for fluorescent lamps. 2,820,180, 1-14-58, Cl. 315-257.
- Feinberg, Albert E., to Advance Transformer Co. Circuit for starting and operating gaseous discharge devices. 2,832,008, 4-22-58, Cl. 315-138.
- Feinberg, Albert E., to Advance Transformer Co. Apparatus for igniting and operating gaseous discharge devices. 2,861,217, 11-18-58, Cl. 315-97.
- Fein, Ely, to The Chemac Co. Salts of polybasic acids, atropine and adrenergic amines. 2,840,562, 6-24-58, Cl. 260-292.
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- Davis, William L., Jr., Feinman, and Little. 2,848,316.
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- Collier, Robert J., and Feinstein. 2,854,603.
- Feinstein, Joseph, to Bell Telephone Laboratories, Inc. Magnetron. 2,821,659, 1-28-58, Cl. 315-39.77.
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- Feinstein, Lester, to Sylvania Electric Products Inc. Unidirectional accelerometer. 2,830,202, 4-8-58, Cl. 310-8.4.
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- Feinstone, Theodore and S.; said S. Feinstone assor. to said T. Feinstone. Syringe needle protector. 2,857,912, 10-28-58, Cl. 128-215.
- Feinstone, Wolfe H. Method of enriching food products and the resulting product. 2,829,054, 4-1-58, Cl. 99-11.
- Feiss, René, to Schweizerische Lokomotiv- und Maschinenfabrik. Internal combustion engine power plant. 2,847,582, 8-12-58, Cl. 290-40.
- Feissel, Henri G.: *See*—
- Leclerc, Bruno M. J., Feissel, and Chenus. 2,863,604.
- Feitl, Rudolf, to Walde Kohinoor, Inc. Punch means useful in slide fastener manufacture. 2,838,112, 6-10-58, Cl. 164-47.
- Feitl, Rudolf, to Walde Kohinoor, Inc. Cutting slide fasteners to length. 2,846,006, 8-5-58, Cl. 164-89.
- Fejedelem, Bayler J. Pump governor. 2,820,414, 1-21-58, Cl. 103-16.
- Fekete, Daniel, to Progress Mfg. Co., Inc. Lighting fixture support. 2,820,888, 1-21-58, Cl. 240-146.
- Fekete, Frank, to Pittsburgh Plate Glass Co. Method for preparing unsaturated aromatic compounds. 2,830,078, 4-8-58, Cl. 260-486.
- Fekete, Frank, to Pittsburgh Plate Glass Co. Novel polymerizable compounds. 2,831,838, 4-22-58, Cl. 260-80.
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- Fekete, Frank, to Pittsburgh Plate Glass Co. Hydroxyacid esters. 2,865,896, 12-23-58, Cl. 260-78.3.
- Feketics, Frank. Shielding enclosures. 2,838,592, 6-10-58, Cl. 174-35.
- Felber, John, to American Can Co. Carrying device for containers. 2,856,069, 10-14-58, Cl. 206-65.
- Felburg, Buddy M., to Hoffman Electronics Corp. Screen structure for two-color cathode ray tubes or the like. 2,847,596, 8-12-58, Cl. 313-70.
- Felburn, John P. Bed assemblies for vehicles. 2,851,281, 9-9-58, Cl. 280-106.
- Felder, Ernst H. and D. Pitre, to Dr. Fulvio Bracco. S-acyl pantetheines and process for the production thereof. 2,857,408, 10-21-58, Cl. 260-402.5.
- Feldhake, Herbert J. Protractor, compass and ruler. 2,857,674, 10-28-58, Cl. 33-27.
- Feldkamp, Roland F., and Y. H. Wu, to Mead Johnson & Co. 1,3-disubstituted pyrrolidine compounds. 2,826,588, 3-11-58, Cl. 260-313.
- Feldkamp, Roland F., and Y. H. Wu, to Mead Johnson & Co. 1-substituted-3-pyrrolidylmethyl benzilates and salts thereof. 2,844,591, 7-22-58, Cl. 260-326.3.
- Feldman, Albert W.: *See*—
- Harris, Walter D., and Feldman. 2,828,198.
- Feldman, Carl B. H., and A. C. Norwine, to Bell Telephone Laboratories, Inc. Derivation of vocoder pitch signals. 2,859,405, 11-4-58, Cl. 324-77.
- Feldman, John E. Fish catching lure. 2,838,867, 6-17-58, Cl. 43-36.
- Feldman, Julian: *See*—
- Mednick, Sol A., Wynkoop, and Feldman. 2,858,337.
- Feldman, Julian, to National Distillers and Chemical Corp. Selective separation process. 2,852,558, 9-16-58, Cl. 260-537.
- Feldman, Julian, to National Distillers and Chemical Corp. Process for recovery of acids. 2,862,027, 11-25-58, Cl. 260-533.
- Feldman, Julian, and O. D. Frampton, to National Distillers and Chemical Corp. Chemical process for recovery of acids. 2,837,565, 6-3-58, Cl. 260-533.
- Feldman, Julian, and O. D. Frampton, to National Distillers and Chemical Corp. Process for recovery of organic acids. 2,837,566, 6-3-58, Cl. 260-533.
- Feldman, Max B., and O. E. Roseman, to H. H. Robertson Co. Louver. 2,834,280, 5-13-58, Cl. 98-88.
- Feldman, Milton: *See*—
- Morf, Walter J. 2,860,604.
- Feldmann, Otto, to Ri-Ri-Werke A. G. Apparatus for the manufacture of sliding glass fasteners. 2,849,753, 9-2-58, Cl. 18-42.
- Feldmann, Paul, to Becco Chemical Division, Food Machinery and Chemical Corp. Process of bleaching cotton with hydrogen peroxide bleach stabilized with calcium or magnesium orthophosphate. 2,820,690, 1-21-58, Cl. 8-111.
- Feldt, Charles A., to United States of America, Atomic Energy Commission. Metal value recovery from phosphate rock. 2,849,278, 8-26-58, Cl. 23-14.5.

- Felici, Noel, R. Morel, and M. Point, to Societe Anonyme de Machines Electostatiques. Quick starting electrostatic generator. 2,860,261, 11-11-58, Cl. 310-6.
- Felix, Michael O., to British Telecommunications Research Ltd. Phase-modulators. 2,844,796, 7-22-58, Cl. 332-23.
- Felix, Otto: *See—*
- Boisselier, Earl D., and Felix. 2,819,088.
- Felix, Otto, to Sears, Roebuck and Co. Latch for trouser creaser or the like. 2,810,401, 6-24-58, Cl. 287-58.
- Felker, Jean H., to Bell Telephone Laboratories, Inc. Regenerative transistor pulse amplifier. 2,853,629, 9-23-58, Cl. 307-88.5.
- Felker, Lloyd L.: *See—*
- Crooker, David E. 2,848,744.
- Frary, Evan A., and Crooker. 2,819,751.
- Felkner, Alphonse O., to The Thew Shovel Co. Hydraulic stabilizer for cranes. Re. 2,448,2, 6-3-58, Cl. 212-145.
- Felkner, Frank F.: *See—*
- Swaney, William A., and Felkner. 2,828,188.
- Fell Developments Ltd.: *See—*
- Fell, Louis F. R. 2,864,265.
- Fell, Louis F. R., to Fell Developments Ltd. Power units. 2,864,265, 12-16-58, Cl. 74-675.
- Feller, James R.: *See—*
- Shapiro, Gustave, and Feller. 2,835,816.
- Feller, Morris: *See—*
- Field, Edmund, and Feller. 2,823,240.
- Feller, Morris, to Standard Oil Co. Aluminum containing reforming catalyst. 2,866,748, 12-30-58, Cl. 208-138.
- Feller, Morris, and E. Field, to Standard Oil Co. Catalytic polymerization. 2,834,769, 5-13-58, Cl. 260-94.9.
- Fellner & Ziegler G. m. b. H.: *See—*
- Kaminsky, Fritz. 2,819,130.
- Fellon, Sidney W.: *See—*
- Tancred, William L. 2,845,218.
- Fellowes, John E., to Bankers Box Co. Protecting structure for storage containers. 2,828,062, 3-25-58, Cl. 229-49.
- Fellows, Albert T., and J. R. White, to Socony Mobil Oil Co., Inc. Method and apparatus for continuous liquid thermal diffusion. 2,834,464, 5-13-58, Cl. 210-72.
- Fellows, Frank K., and D. A. Bell. Stress relief. 2,827,542, 3-18-58, Cl. 219-50.
- Fellows Gear Shaper Co. The: *See—*
- Bean, Arthur I. 2,821,025.
- Cheever, Ernest C. 2,854,760.
- Praeg, Walter S., and Bassoff. 2,856,824.
- Fellows, Horace, to H. M. Hobson, Ltd. Apparatus for indicating the rate of a flow of a fluid. 2,859,616, 11-11-58, Cl. 73-195.
- Fellows, Horace, to H. M. Hobson, Ltd. Flow meters. 2,859,619, 11-11-58, Cl. 73-231.
- Fellows, John O.: *See—*
- Gray, Samuel M., Fellows, and Reed. 2,859,331.
- Felner, Dr. Herbert M.: *See—*
- Seiler, William. 2,835,030.
- Fels & Co.: *See—*
- Coyle, Edward B. 2,823,187.
- Felsa S. A.: *See—*
- Meyer, Friedrich. 2,826,086.
- Felsen, Leopold B., and W. K. Kahn, to Polytechnic Institute of Brooklyn. Microwave control devices. 2,864,063, 12-9-58, Cl. 333-98.
- Felsenfeld, Robert A.: *See—*
- Kandolan, Armin G., and Felsenfeld. 2,860,341.
- Felt, Clarence E., and B. E. Matson, to General Mills, Inc. Chest-type container. 2,835,594, 5-20-58, Cl. 99-171.
- Felt, David C., to Allen B. Du Mont Laboratories, Inc. Operating means for electrical tuning devices. 2,825,812, 3-4-58, Cl. 250-40.
- Felten & Guilleaume Carlswerk Akt.: *See—*
- Horn, Heinz. 2,854,500.
- Reuschle, Georg, Ochel, and Ditzgens. 2,826,629.
- Felters Co., The: *See—*
- Doe, Burton E. 2,835,020.
- Felton, Lloyd C.: *See—*
- Bryant, Harold H., and Felton. 2,851,460.
- Felton, Thomas A., to The Distillers Co. Ltd. Electrical connection with tapered plug. 2,859,425, 11-4-58, Cl. 339-270.
- Felton, William, to David Crabtree & Son Ltd. Method of and apparatus for making carpets. 2,827,865, 3-25-58, Cl. 112-79.
- Felts, Gordon P., R. W. Seeger, and M. H. Lewis, to Microdot Inc. Electrical connectors. 2,839,595, 6-17-58, Cl. 174-89.
- Felts, Herman, and F. W. Riddington, to General Electric Co. Method of making electrical contacts. 2,832,127, 4-29-58, Cl. 29-155.55.
- Felts, Jerome J., and W. E. Davis, to Ford Motor Co. Vehicle frame. 2,838,322, 6-10-58, Cl. 280-106.
- Feltz, Urban J., and C. C. Benn. Electrically-controlled refrigerator door. 2,810,405, 6-24-58, Cl. 292-122.
- Feltz, William R., to The Goodyear Tire & Rubber Co. Joint structure. 2,850,196, 9-2-58, Cl. 220-5.
- Femmer, Max E.: *See—*
- Bartelt, John E., and Femmer. 2,850,234.
- Fencl, Zdenek: *See—*
- Jerie, Jan, and Fencl. 2,861,423.
- Fend, Kurt, to Firma Gebr. Fend. Writing implement. 2,866,437, 12-30-58, Cl. 120-14.5.
- Fendall Co.: *See—*
- Liautaud, Philip J., and Matousek. 2,858,507.
- Fender, Clarence L. Tuning head for stringed instruments. 2,838,974, 6-17-58, Cl. 84-306.
- Fender, Eldon E., to Phillips Petroleum Co. Silicone release agent for dryer flight coatings. 2,861,352, 11-25-58, Cl. 34-22.
- Fenemore, Ronald W., C. R. Borley, and M. Jellis, to Mullard Radio Valve Co. Ltd. The. Apparatus for measuring linear dimensions. 2,820,295, 1-21-58, Cl. 33-107.
- Fenestra Inc.: *See—*
- Gruber, Joseph J. 2,847,099.
- Rockhoff, Bert E., and Miller. 2,829,697.
- Feng, Chung L., and R. E. Ochs, Jr., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,851,554, 9-9-58, Cl. 200-61.45.
- Fengler, Albert F., and F. M. Mackey, to Machlett Laboratories, Inc. Pumping apparatus for evacuated envelopes. 2,827,080, 3-18-58, Cl. 141-65.
- Feniak, George, A. Loria, and W. A. Reckhow, to Eastman Kodak Co. 3-acrylamido-5-pyrazolone and 3-acrylamido-5-acetyloxypyrazole couplers for color photography. 2,865,748, 12-23-58, Cl. 96-55.
- Feniak, George, A. Loria, and W. A. Reckhow, to Eastman Kodak Co. 1-alkyl-3-acrylamido-5-pyrazolone couplers for color photography. 2,865,751, 12-23-58, Cl. 96-94.
- Fenlason, Archie L.: *See—*
- Ballentine, William I., Jr., and Fenlason. 2,866,078.
- Fennebresque, John D., and I. E. Muskat, to Celanese Corp. of America. Glass fiber laminates and process of manufacture. 2,830,925, 4-15-58, Cl. 154-128.
- Fennelly, J. C., Co.: *See—*
- Fritze, Marvin E. 2,821,814.
- Fennema, Owen R., to Pillsbury Mills, Inc. Dried pie product and method of producing the same. 2,836,498, 5-27-58, Cl. 99-199.
- Fennema, Richard, E. W. Carr, G. E. Hansen, and R. F. Daehler, to Crane Co. Combined relief and check valve construction. 2,831,500, 4-22-58, Cl. 137-522.
- Fenner, George F., to Kelsey-Hayes Co. Quick acting wheel clamp. 2,842,402, 7-8-58, Cl. 301-9.
- Fenner, J. H., & Co. Ltd.: *See—*
- Watts, Gilbert E., Hainsworth, and Perry. 2,866,483.
- Fennerty, John A., to E. J. Quirk. Totalizing counter mechanism for coin handling machines. 2,828,073, 3-25-58, Cl. 235-92.
- Fennimore, Marion H., and I. J. Stephenson. Flexible screw conveyor. 2,830,695, 4-15-58, Cl. 198-213.
- Fenoglio Charles, to G. M. Giannini & Co. Inc. Vibration damping means for pressure sensitive devices. 2,862,521, 12-2-58, Cl. 137-781.
- Fenoglio, Maurice: *See—*
- Maincon, Maurice, Fenoglio, and Pacoud. 2,824,049.
- Pacoud, Andre, Fenoglio, and Alvarado. 2,842,597.
- Fenoglio, Maurice, A. Pacoud, and E. Alvarado, to Societe des Usines Chimiques Rhone-Poulenc. Process for the dehydration of dimethylphenylcarbinol. 2,866,832, 12-30-58, Cl. 260-669.
- Fenske, Donald M., J. R. Fedrick, and R. N. Miller, to Fenske, Fedrick & Miller, Inc. Data plotting and indicating device. 2,859,659, 11-11-58, Cl. 88-24.
- Fenske, Fedrick & Miller, Inc.: *See—*
- Fenske, Donald M., Fedrick, and Miller. 2,859,659.
- Fenske, Merrell R.: *See—*
- Kittleston, Allen R., Arundale, Jones, and Fenske. Re. 2,4485.
- Fenske, Merrell R., to Esso Research and Engineering Co. Separation of alcohols from hydrocarbons. 2,848,503, 8-19-58, Cl. 260-643.
- Fenske, Merrell R., and J. H. Jones, to Esso Research and Engineering Co. Production of chemicals from olefins with aid of a perfluoracid. 2,858,331, 10-28-58, Cl. 260-497.
- Fenster, Abraham S., to International Harvester Co. Fifth wheel hitch. 2,833,558, 5-6-58, Cl. 280-434.
- Fenster, Bertha: *See—*
- Blank, Robert and J. 2,844,215.
- Fenton, Frank W., and H. L. Bock, to Beacon Production Equipment Corp. Pallet dispensers. 2,858,043, 10-28-58, Cl. 221-9.
- Fenton, Geoffrey, and R. Mayorcas, to The British Iron and Steel Research Association. Ingot casting. 2,861,305, 11-25-58, Cl. 22-147.
- Fenton, George B., to Blackburn and General Aircraft Ltd. Doors or closure members for bomb bays or like spaces in the fuselages or wings of aircraft. 2,856,181, 10-14-58, Cl. 268-30.
- Fentress, David W.: *See—*
- Farrar, John F. P., and Fentress. 2,832,613.
- Fentress, David W., to Flexonics Corp. High pressure expansion joint with bellows and reinforcing rings and method of making same. 2,822,194, 2-4-58, Cl. 285-299.
- Fentress, David W., and F. S. Schindler, to Chicago Metal Hose Corp. Method of manufacturing reinforced flexible conduit. 2,818,636, 1-7-58, Cl. 29-454.
- Fentress, Thomas D., to Bendix Aviation Corp. Electron discharge device. 2,856,556, 10-14-58, Cl. 315-5.22.
- Fenwal Inc.: *See—*
- Cantlin, John H., and Anderson. 2,820,840.
- Fenwal Laboratories, Inc.: *See—*
- Welch, Edward S., Jr. 2,850,422.
- Fenway Machine Co., Inc.: *See—*
- Yermish, Israel J. 2,827,696.
- Yermish, Israel J. 2,844,872.

- Ferber Corp.: *See*—
 Forster John O. 2,857,882.
 Rizzo, Rosario J. 2,863,421.
- Ferber, Martin, and J. P. Gannon. Key holders. 2,859,788, 11-11-58, Cl. 150-40.
- Ferdinand, Irwin J., and R. J. Bellon, to S. A. Hirsh Mfg. Co. Shelving device. 2,837,219, 6-3-58, Cl. 211-147.
- Ferdon, Gilbert D., to John Oster Mfg. Co. Ice crusher. 2,865,571, 12-23-58, Cl. 241-157.
- Ferdon, William S. Hypertension cold meter. 2,832,333, 4-29-58, Cl. 128-2.
- Ferdon, William S. Cabinet anti-lock means. 2,851,970, 9-16-58, Cl. 109-63.5.
- Ferdon, William S. Radiant energy protective clothing, covering, shelter and means for making the same. 2,857,525, 10-21-58, Cl. 250-108.
- Ferency, Jenő: *See*—
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- Ferentchak, John, and E. W. Swift, to Shell Development Co. Preparation of 1,2,3,4,7,7-hexachlorobicyclo (2.2.1)-2,5-heptadiene. 2,831,900, 4-22-58, Cl. 260-648.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Cotton harvester with a combined mechanical and pneumatic conveying system. 2,826,030, 3-11-58, Cl. 56-42.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Cotton picking spindle. 2,848,860, 8-26-58, Cl. 56-50.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Suspension system for tractor mounted mowers. 2,860,472, 11-18-58, Cl. 56-25.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Cotton harvester with specific conveying and receptacle structure. 2,862,342, 12-2-58, Cl. 56-12.
- Fergnani, Walter P.: *See*—
 Farmer, James W., Fergnani, and Scriven. 2,859,564.
- Fergot, Paul L., to Deltex Rug Co. Work supporting and guiding device. 2,865,316, 12-23-58, Cl. 112-2.
- Ferguson, Albert A.: *See*—
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- Ferguson, Charles E., to Roper Engineering Co. Hydraulic pressure intensifying apparatus. 2,829,498, 4-8-58, Cl. 60-54.5.
- Ferguson, Charles E., to Roper Engineering Co. Apparatus for intensifying hydraulic pressure. 2,829,499, 4-8-58, Cl. 60-54.5.
- Ferguson, David S., to Sylvania Electric Products Inc. Electronic welder pulse controlling circuit. 2,825,809, 3-4-58, Cl. 250-27.
- Ferguson, Edgar A., Jr. Partially hydrolyzed brominated protein. 2,832,717, 4-29-58, Cl. 167-55.
- Ferguson, Edgar A., Jr. Methadrylene and thenfadil nicotinate. 2,844,586, 7-22-58, Cl. 260-294.8.
- Ferguson, Edgar A., Jr. Carboxyhistadyl and analogs. 2,844,587, 7-22-58, Cl. 260-294.8.
- Ferguson Equipment Corp.: *See*—
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- Ferguson, George M. Tweezers. 2,860,537, 11-18-58, Cl. 81-43.
- Ferguson, Gordon J. Emergency hasp release. 2,830,839, 4-15-58, Cl. 292-281.
- Ferguson, Harry, Research Ltd.: *See*—
 Hill, Claude. 2,844,973.
- Ferguson, Henry A.: *See*—
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- Ferguson, Henry G., to Massey-Harris-Ferguson, Inc. Control of differentials for tractors. 2,830,670, 4-15-58, Cl. 180-75.
- Ferguson, J. L., Co.: *See*—
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 Talbot, Richard C. 2,848,098.
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- Ferguson, James R., $\frac{1}{2}$ to Bristol Steel & Iron Works, Inc. Headlight unit for motor vehicles. 2,851,627, 9-9-58, Cl. 313-114.
- Ferguson, John E., to The Risdon Mfg. Co. Methods and apparatus for producing decorative finishes on articles. 2,855,730, 10-14-58, Cl. 51-145.
- Ferguson, John L., C. E. Bellharz, and L. E. Arneson, to Federal Paper Board Co., Inc. Carton set-up machine. 2,834,264, 5-13-58, Cl. 92-53.
- Ferguson, Joseph B. Tool for removing painted-over wallpaper. 2,843,932, 7-22-58, Cl. 30-171.
- Ferguson, Lester E., to Kennedy-Van Saun Mfg. & Eng. Corp. Flexible shaft connection. 2,851,867, 9-16-58, Cl. 64-7.
- Ferguson, Martin J. Combination confection holder and toy boat. 2,834,685, 5-13-58, Cl. 99-137.
- Ferguson, Ralph M., to Air Force, the United States of America as represented by the Secretary of the. 2,818,729, 1-7-58, Cl. 73-167.
- Ferguson, Richard, to The Terrell Machine Co. Means for handling bobbins in bobbin strippers and the like. 2,838,824, 6-17-58, Cl. 28-19.
- Ferguson, Richard, and J. L. Brown, to Deering Milliken Research Corp. Article aligning means. 2,832,458, 4-29-58, Cl. 198-33.
- Ferguson, Robert C., to General Dynamics Corp. Servo control system for aircraft control surfaces. 2,851,644, 9-9-58, Cl. 318-31.
- Ferguson, Robert T., Jr.: *See*—
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- Ferguson, Robert W. Residential building construction. 2,858,578, 11-4-58, Cl. 20-1.
- Ferguson, Roger W., to American Bank Note Co. Apparatus for removing ink from a printing plate. 2,832,286, 4-29-58, Cl. 101-155.
- Ferguson, Roy D. Preloaders for explosive charges. 2,835,197, 5-20-58, Cl. 102-22.
- Ferguson, Thomas P.: *See*—
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- Ferguson, Vernon H. Heat treating apparatus. 2,847,203, 8-12-58, Cl. 266-4.
- Ferguson, William H., and R. E. Rawlins, to Lockheed Aircraft Corp. Interphone communications circuit. 2,830,127, 4-8-58, Cl. 179-37.
- Ferlauto, Robert J., and R. E. Rhodes, to Smith, Kline & French Laboratories. Therapeutic antibiotics preparation containing polymyxin, neomycin and gramicidin. 2,822,314, 2-4-58, Cl. 187-65.
- Ferlen, Russell P. Model airplane. 2,825,179, 3-4-58, Cl. 46-79.
- Fermi, Enrico, and L. Szilard, to United States of America, Atomic Energy Commission. Air cooled neutronic reactor. 2,836,554, 5-27-58, Cl. 204-193.2.
- Fermi, Enrico, and M. C. Leverett, to United States of America, Atomic Energy Commission. Chain reacting system. 2,837,477, 6-3-58, Cl. 204-193.2.
- Fermi, Enrico, W. H. Zinn, and H. L. Anderson, to United States of America, Atomic Energy Commission. Neutronic reactor. 2,852,461, 9-16-58, Cl. 204-193.2.
- Fernald, Gordon H.: *See*—
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- Fernandez, Conrado I.: *See*—
 Ortuno, Angel V., Fernandez, and Serrano. 2,847,281.
- Fernandez, George W. Ash receiver. 2,865,379, 12-23-58, Cl. 131-235.
- Fernandez, John J., $\frac{1}{2}$ to H. J. Loftus. Fluid filter. 2,827,174, 3-18-58, Cl. 210-91.
- Fernandez, John J., $\frac{1}{2}$ to Y. Goldman. Fluid dispensing apparatus. 2,850,211, 9-2-58, Cl. 222-67.
- Fernandez, José V. Automatic silk screen ceramic printing machine. 2,845,020, 7-29-58, Cl. 101-126.
- Fernandez, Louis, to Monsanto Chemical Co. Liquid detergent compositions. 2,861,956, 11-25-58, Cl. 252-153.
- Fernandez, Manuel G. Tubular knitted fabric dryer. 2,821,769, 2-4-58, Cl. 26-56.
- Fernbach, Linders J. Vocabulary study device. 2,837,839, 6-10-58, Cl. 35-76.
- Fernberg, Eric B., to F. T. Products Ltd. Fastener. 2,830,345, 4-15-58, Cl. 24-73.
- Fernberg, Eric B. Beading fastener. 2,837,184, 6-3-58, Cl. 189-88.
- Fernberg, Eric B., to F. T. Products Ltd. Fasteners. 2,861,318, 11-25-58, Cl. 24-259.
- Fernberg, Eric B., to F. T. Products Ltd. Fasteners. 2,864,472, 12-16-58, Cl. 189-88.
- Fernekees, James E.: *See*—
 Palmer, Ralph L., Haddad, Fernekees, and Chapman. 2,854,654.
- Fernekees, James E., to International Business Machines Corp. Electronic storage device employing a phantastron with arrangement for gating synchronizing pulses. 2,854,673, 9-30-58, Cl. 250-27.
- Fernini, Henry M.: *See*—
 Nutting, Robert G., and Fernini. 2,849,924.
- Fernly, Joseph E. Attachment for sun visor or the like. 2,825,467, 3-4-58, Cl. 211-89.
- Fernsler, George L., and K. G. MacLean, to United States of America, Navy. Wide-range captive oscillator system. 2,838,673, 6-10-58, Cl. 250-36.
- Ferrand, Louis. Self-baked annular anode for melting furnaces. 2,825,690, 3-4-58, Cl. 204-228.
- Ferrania S. p. A.: *See*—
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- Ferranti, Ltd.: *See*—
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- Ferrara, Carmine: *See*—
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- Ferrara, Louis W., to International Minerals & Chemical Corp. Food composition. 2,865,763, 12-23-58, Cl. 99-144.
- Ferrara, Peter B., to United States of America as represented by the Secretary of the Army. Energizer assembly. 2,827,851, 3-25-58, Cl. 102-70.2.
- Ferrara, Peter J. Production of dry, vital gluten. 2,863,771, 12-9-58, Cl. 99-14.
- Ferrari, Andres, Jr., and J. Isreeli, to Technicon Instruments Corp. Pumps. 2,865,303, 12-23-58, Cl. 103-149.
- Ferrari, Uby: *See*—
 Sherman, Roger M., Fox, and Ferrari. 2,827,921.
- Ferrari William A.: *See*—
 Thurmond, Jimmie V., Anderson, Ferrari, and Dean. 2,862,632.
- Ferre, Maurice C., to Schlumberger Well Surveying Corp. Cathode ray tube function generator with interpolation. 2,856,128, 10-14-58, Cl. 235-61.
- Ferre, Maurice C., and A. H. E. Herrald, to Schlumberger Well Surveying Corp. Control circuit for electrical logging apparatus. 2,824,279, 2-18-58, Cl. 324-1.

- Ferreira, Paul F. Automobile parking stairways. 2,825,938, 3-11-58, Cl. 20-143.
- Ferrell, James G., to Gulf Oil Corp. Actuator for gate valve. 2,859,010, 11-4-58, Cl. 251-28.
- Ferrer, Raimundo. Vehicle parking device. 2,863,515, 12-9-58, Cl. 180-1.
- Ferri, Aroldo. Coupling for connecting the elements of demountable structures, as frameworks, scaffolding and the like. 2,835,516, 5-20-58, Cl. 287-49.
- Ferrera, Cress K. Quick-change string tuner. 2,844,985, 7-29-58, Cl. 84-312.
- Ferriman, George H.: *See*—
Hale, Phillip D. 2,821,710.
- Ferris, Arthur F., to Rohm & Haas Co. Preparation of cation-exchange resins containing hydroxyl and phosphonic acid groups. 2,837,488, 6-3-58, Cl. 260-22.
- Ferris, De Lacy F.: *See*—
Youngquist, Robertson, Ferris, and Bell. 2,859,808.
- Ferris, Edmund A., to Ferris Products Co., Inc. Fire extinguisher. 2,857,971, 10-28-58, Cl. 169-26.
- Ferris, Edward A. Refrigerator with plural refrigerated compartments. 2,836,968, 6-3-58, Cl. 62-117.3.
- Ferris, Ernest A.: *See*—
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Troendly, Harry P., Ferris, and Fulton. 2,824,636.
- Ferris, Ernest A., to Borg-Warner Corp. One-way clutches. 2,856,045, 10-14-58, Cl. 192-45.1.
- Ferris Products Co., Inc.: *See*—
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- Ferris, Robert G., and R. L. Yuenger, to Starline, Inc. Flight scraper for continuous chain type barn gutter cleaners. 2,847,115, 8-12-58, Cl. 198-229.
- Ferris, Seymour W., and H. L. Johnson, to Sun Oil Co. Oxidation of petroleum ceresin and novel product obtained thereby. 2,837,553, 6-3-58, Cl. 260-451.
- Ferris, Walter, to The Oilgear Co. Piston and piston rod assemblies. 2,825,241, 3-4-58, Cl. 74-579.
- Ferris, Walter, to The Oilgear Co. Hydrodynamic machine. 2,862,455, 12-2-58, Cl. 103-161.
- Ferris, Warren S.: *See*—
Dale, Paul D., and Ferris. 2,827,826.
- Ferro Chemical Corp.: *See*—
Elliott, Stanley B. 2,861,052.
Cole, William G., Jr. 2,860,687.
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Nicholson, Albright M., and Elliott. 2,835,649.
- Ferro Corp.: *See*—
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Dany, Elmer W. 2,819,889.
Miller, Bernie R. 2,864,500.
Tuttle, Daniel V. 2,841,680.
Tuttle, Daniel V., and Kelly. 2,837,622.
- Ferro Stamping Co.: *See*—
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- Ferron, John R.: *See*—
Deyrup, Alden J., and Ferron. 2,823,989.
- Ferry, George M.: *See*—
Gardiner, Arthur W., and Ferry. 2,860,482.
- Ferry Sheet Metal Works, Inc.: *See*—
Stirm, Henry G. and E. B., and Smith. 2,844,264.
- Ferstandig, Louis L., to California Research Corp. Xylylene diisocyanate modified polyesters. 2,837,498, 6-3-58, Cl. 260-75.
- Ferstandig, Louis L., and W. A. Pryor, to California Research Corp. Hydrogenation of phthalic acid salts. 2,828,335, 3-25-58, Cl. 260-514.
- Ferstandig, Louis L., and J. B. Wilkes, to California Research Corp. Preparation of isophthalonitrile and terephthalonitrile. 2,857,416, 10-21-58, Cl. 260-465.
- Fersvarets Forskningsinstitut Akershus Festning: *See*—
Barstad, Gotfred E. B. 2,842,674.
- Fertig, Raymond B.: *See*—
Rogers, Louis J., Capehart, and Fertig. 2,831,166.
- Fertilizer Equipment Sales Corp.: *See*—
Jackson, Allen S. 2,854,221.
- Ferwerda, Koop: *See*—
Ferwerda, Ray and K. 2,833,422.
- Ferwerda, Ray. Boom supported offset digging apparatus. 2,857,065, 10-21-58, Cl. 214-132.
- Ferwerda, Ray, and K. Ferwerda, deceased (S. L. Ferwerda, administratrix). Telescopic boom. 2,833,422, 5-6-58, Cl. 212-55.
- Ferwerda, Sophia L.: *See*—
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- Feryszka, Max: *See*—
Talmage, Franklin E., and Feryszka. 2,843,803.
- Fessel, Earl M. Sod perforating machine. 2,838,986, 6-17-58, Cl. 97-36.
- Fessler, William A., C. A. Hutter, and L. D. McBeth, to Daubert Chemical Co. Transparent heat sealable sheets carrying vapor phase corrosion inhibitors. 2,829,080, 4-1-58, Cl. 154-50.
- Fessenden, Marvin S.: *See*—
Gruber, Leonard J., and Fessenden. 2,844,245.
- Fessler, Frank, 10% to J. J. Gustat, 10% to E. W. Phillips, 10% to P. F. McDevitt, 10% to C. W. Hutchinson, 5% to A. J. Blake, and 15% to R. J. Lamb. Apparatus for conditioning materials. 2,845,262, 7-29-58, Cl. 266-34.
- Fessler, William F. Baled hay rack and carrier. 2,845,770, 8-5-58, Cl. 56-473.5.
- Fetherston, Robert T.: *See*—
Jenney, Ray S., Fetherston, and Miller. 2,841,269.
- Fetter, George A., 1/4 to V. L. Fetter. Drape, etc., hanger. 2,825,520, 3-4-58, Cl. 248-263.
- Fetter, Richard W.: *See*—
Mathews, Victor M., Jr., and Fetter. 2,831,156.
- Fetter, Verna L.: *See*—
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- Fetterley, Guy H., and G. R. Watson. Process for the manufacture of boron nitride. 2,832,672, 4-29-58, Cl. 23-191.
- Fetterly, Lloyd C., to Shell Development Co. Production of aromatic compounds. Re. 24,579, 12-16-58, Cl. 260-668.
- Fetterly, Lloyd C., to Shell Development Co. Production of aromatic compounds. 2,819,322, 1-7-58, Cl. 260-668.
- Fetterly, Lloyd C., to Shell Development Co. Production of aromatic hydrocarbons from diarylalkanes. 2,836,632, 5-27-58, Cl. 260-668.
- Fetterly, Lloyd C., to Shell Development Co. Oxidation of alkyl-substituted benzene carboxylic acids. 2,839,575, 6-17-58, Cl. 260-524.
- Fetterly, Lloyd C., to Shell Development Co. Production of cyclohexenes. 2,839,590, 6-17-58, Cl. 260-666.
- Fetterly, Lloyd C., K. F. Koetitz, and D. W. Penhale, to Shell Development Co. Preparation of diaryl methanes. 2,850,545, 9-2-58, Cl. 260-668.
- Fetterly, Lloyd C., K. F. Koetitz, and D. W. Penhale, to Shell Development Co. Production of tetraalkylbenzenes. 2,854,493, 9-30-58, Cl. 260-668.
- Fettinger, Paul I., and P. R. Mallory & Co., Inc. Vibrator mounting. 2,860,290, 11-11-58, Cl. 317-182.
- Fetz, Alfred. Welding organization. 2,833,911, 5-6-58, Cl. 219-89.
- Feucht, Jacob E., to Cleveland Rock Drill Division, Westinghouse Air Brake Co. Rock drilling apparatus. 2,819,042, 1-7-58, Cl. 255-52.
- Feucht, Jacob E., to Cleveland Rock Drill Division Westinghouse Air Brake Co. Rock drill front end with dust collecting device. 2,834,577, 5-13-58, Cl. 255-50.
- Feucht, Jacob E., to Cleveland Rock Drill Division, Westinghouse Air Brake Co. Drill feeding apparatus. 2,840,347, 6-24-58, Cl. 255-45.
- Feucht, Robert E., J. Jarvis, and J. C. Ziegler, to Bendix Aviation Corp. Manual control system for modifying or overcoming the aircraft auto pilot control. 2,861,756, 11-25-58, Cl. 244-76.
- Feuer, Henry, and J. W. Shepherd, to Purdue Research Foundation. Dihalo dinitrocyclic ketones and process for producing same. 2,834,810, 5-13-58, Cl. 260-586.
- Feuer, Seymour S., to Rohm & Haas Co. Thermoplastic compositions formed by polymerizing methacrylic acid ester and butadiene styrene latices. 2,857,360, 10-21-58, Cl. 260-45.5.
- Feuerlein, Hugo F. Rotary rake and sickle for attachment for lawn mower. 2,826,034, 3-11-58, Cl. 56-400.02.
- Feuerstein, Edward and L. Speed control governor device for automobiles. 2,866,446, 12-30-58, Cl. 123-98.
- Feuerstein, Louis: *See*—
Feuerstein, Edward and L. 2,866,446.
- Feuge, Ruben O.: *See*—
Magne, Frank C., Skau, and Feuge. 2,857,348.
- Feurt, Seldon D.: *See*—
Crockford, Jack A., Hayes, Jenkins, and Feurt. 2,854,925.
- Feustel, Ernest A.: *See*—
Hofer, Karl E. 2,836,042.
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- Feustel, Ernest A. Yarn carrier. 2,847,841, 8-19-58, Cl. 66-126.
- Feustel, Ernest A. Yarn carriers for knitting machines. 2,857,751, 10-28-58, Cl. 66-126.
- Feustel, George H.: *See*—
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- Feutz, Fred, Jr., and A. B. Erekson, to The Borden Co. Production of Swiss cheese. 2,864,704, 12-16-58, Cl. 99-116.
- Fevig, Glen A.: *See*—
Greiner, John W., and Fevig. 2,839,544.
- Few, William, to Penn Controls Inc. Thermostat. 2,835,766, 5-20-58, Cl. 200-122.
- Few, William, and J. D. Sauter, to The Clark Controller Co. Magnetic amplifier control systems. 2,846,642, 8-5-58, Cl. 323-89.
- Feykert, Peter J.: *See*—
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- Fiantdt, Ronald M., to Preway Inc. Space heater of the convection circulation type. 2,823,291, 2-11-58, Cl. 219-34.
- Fiat Società Per Azioni: *See*—
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Baldwin, Philip S. 2,848,875.
Baldwin, Philip S. 2,852,919.
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- Fiberbond Laboratories Inc.: *See*—
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- Fibra A. G.: *See*—
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- Fibre Products Laboratories, Inc.: *See*—
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- Fibreboard Paper Products Corp.: *See*—
 Benschoter, James C. 2,833,403.
 Cash, Charles R. P. 2,831,753.
 Edwards, David G., and Edlund. 2,819,986.
 Hartley, Ralph S. 2,822,972.
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 Pellaton, Ernest C. 2,835,429.
 Pellaton, Ernest C. 2,858,968.
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- Fibrofelt Corp.: *See*—
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- Fichtel & Sachs A. G.: *See*—
 Binder, Richard. 2,823,778.
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- Fichter, Ludwig J.: *See*—
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- Fick, Charles K., to Dextdale Hosiery Mills. Apparatus for the fluid treatment of textile materials. 2,845,787, 8-5-58, Cl. 68—189.
- Fickert, Hanns: *See*—
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- Fickert, Walter A., and D. M. Chauvin, to Westinghouse Electric Corp. Single sideband communication system. 2,849,605, 8-26-58, Cl. 250—20.
- Fidel, Hyman, to Modcraft Co., Inc. Foot rest for easy chair. 2,833,338, 5-6-58, Cl. 155—171.
- Fidelitone, Inc.: *See*—
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- Fidelity Machine Co., Inc.: *See*—
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- Fidelity Union Trust Co.: *See*—
 Benz, Jakob. 2,835,663.
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- Fidellow, Ernest H.: *See*—
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- Fidler, Robert E., to Thompson Products, Inc. Self-righting ball joint assembly. 2,838,330, 6-10-58, Cl. 287—90.
- Fieber, Bruce P. Stump remover and router. 2,825,370, 3-4-58, Cl. 144—2.
- Fiechter, René A. Watch winding machine. 2,863,345, 12-9-58, Cl. 81—75.
- Fiedler, Edmond F.: *See*—
 Florentine, Frank P., Jr., and Fiedler. 2,859,204.
- Fiedler, Edmond F., and F. P. Florentine, Jr., to General Electric Co. Tough, impact-resistant resins. 2,859,203, 11-4-58, Cl. 260—51.
- Fiedler, Stuart O.: *See*—
 Ashley, Warren C., Fiedler, and Bjorksten. 2,845,650.
- Fiedler, Walter M., to Martin-Decker Corp. Permanent recording electrical force-measuring circuit. 2,851,880, 9-16-58, Cl. 73—141.
- Fiehl, Michael: *See*—
 Lake, Clair D., Fiehl, and Rogers. 2,833,387.
- Fiehl, Michael, to International Business Machines Corp. Sheet feeding and handling device. 2,863,662, 12-9-58, Cl. 271—64.
- Field, Albert. Abrasive tool. 2,826,014, 3-11-58, Cl. 51—190.
- Field, Amy: *See*—
 Field, Edward A. 2,819,024.
- Field, Donald E., to United States of America, Navy. Thermoplastic compositions and method of making same. 2,855,322, 10-7-58, Cl. 106—186.
- Field, Edmund: *See*—
 Brennan, Harry M., and Field. 2,851,399.
 De Boer, Frank E., and Field. 2,861,960.
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 Friedlander, Herbert N., Juveland, and Field. 2,843,577.
- Field, Edmund, and M. Feller, to Standard Oil Co. Alkylation of alkyl aromatic hydrocarbons to produce indanes. 2,823,240, 2-11-58, Cl. 260—668.
- Field, Edmund, H. N. Friedlander, and O. O. Juveland, to Standard Oil Co. Olefin polymerization with catalysts prepared from boron compounds and transition metal compounds. 2,840,551, 6-24-58, Cl. 260—93.7.
- Field, Edward A., deceased; A. Field and City National Bank and Trust Co. of Chicago, executors. Variably counter-balanced draft regulator gate. 2,819,024, 1-7-58, Cl. 236—45.
- Field, Harry: *See*—
 Field, John and H. 2,841,288.
- Field, John and H. Dish trays. 2,841,288, 7-1-58, Cl. 211—41.
- Field, Lester M.: *See*—
 Birdsall, Charles K., and Field. 2,853,642.
- Field, Lester M., to Bell Telephone Laboratories, Inc. High frequency amplifying device. 2,820,172, 1-14-58, Cl. 315—3.6.
- Field, Lester M., to California Institute Research Foundation. Traveling-wave tube. 2,853,644, 9-23-58, Cl. 315—3.5.
- Field, Philip M., to Charles Beseler Co. Optical indicator means for use with copy projection apparatus. 2,848,922, 8-26-58, Cl. 88—24.
- Field, Vivian A. Portable air compressors. 2,826,354, 3-11-58, Cl. 230—33.
- Fieldbinder, William C.: *See*—
 Arisman, Mervin B., Fieldbinder, and Barden. 2,866,055.
- Fielden Electronics Ltd.: *See*—
 Fielden, John E. 2,829,254.
- Fielden, John E., to Robertshaw-Fulton Controls Co. Measurement of conductivity of liquids. Re. 24,420, 1-28-58, Cl. 324—65.
- Fielden, John E., to Fielden Electronics Ltd. Electrical measuring apparatus. 2,829,254, 4-1-58, Cl. 250—36.
- Fielden, Richard J., R. F. Homer, and R. L. Jones, to Imperial Chemical Industries Ltd. New quaternary salts. 2,823,987, 2-18-58, Cl. 71—2.5.
- Fieldhouse, Douglas H.: *See*—
 Taylor, Richard H., and Fieldhouse. 2,834,999.
- Fielding, Francis W., to Lengsfeld Brothers, Inc. Article carrier. 2,849,111, 8-26-58, Cl. 206—65.
- Fielding, Francis W., to Lengsfeld Brothers, Inc. Four-bottle collapsible carrier. 2,860,816, 11-18-58, Cl. 220—113.
- Fields, Adrian: *See*—
 Toma, John W., and Fields. 2,843,944.
- Fields, Alden: *See*—
 Foster, Robert W. 2,849,092.
- Fields, Arnold C., to Westinghouse Electric Corp. High voltage, direct current, power packs. 2,822,535, 2-4-58, Cl. 340—252.
- Fields, Arnold C., to Westinghouse Electric Corp. Electrostatic precipitators. 2,861,648, 11-25-58, Cl. 183—7.
- Fields, Bennett R. Accelerator limit control. 2,841,033, 7-1-58, Cl. 74—526.
- Fields, Ellis K.: *See*—
 Hoff, Melvern C., Fields, and Watson. 2,866,732.
 Lemmon, Norman E., and Fields. 2,833,715.
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 Scanley, Clyde S., Richardson, and Fields. 2,854,411.
- Fields, Ellis K., to Standard Oil Co. Corrosion inhibited oil compositions. 2,850,453, 9-2-58, Cl. 252—32.7.
- Fields, Ellis K., to Standard Oil Co. Process for preparing 4-phenyl-1,2-dithiole-3-thione. 2,857,399, 10-21-58, Cl. 260—327.
- Fields, Ellis K., and A. E. Brehm, to Standard Oil Co. Additive for mineral oil. 2,830,019, 4-8-58, Cl. 252—33.6.
- Fields, Ellis K., R. W. Watson, and M. C. Hoff, to Standard Oil Co. Methods of destroying fungi. 2,864,737, 12-16-58, Cl. 167—22.
- Fields, George C., to Scovill Mfg. Co. Fluid flow control unit. 2,834,379, 5-13-58, Cl. 138—43.
- Fields, George C., to Scovill Mfg. Co. Flow control valve. 2,865,395, 12-23-58, Cl. 137—486.
- Fields, John W., to Anthony Co. Tipping body. 2,846,267, 8-5-58, Cl. 298—20.
- Fields, Joseph E.: *See*—
 Johnson, John H., and Fields. 2,844,618.
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- Fields, Joseph E., to Monsanto Chemical Co. Nitrile telomers. 2,837,559, 6-3-58, Cl. 260—465.7.
- Fields, Joseph E., to Monsanto Chemical Co. Adducts of alkyl acrylates and polychloromethanes. 2,862,023, 11-25-58, Cl. 260—485.
- Fields, Joseph E., and J. M. Butler, to Monsanto Chemical Co. Hydrocarbon oil compositions. 2,841,558, 7-1-58, Cl. 252—56.
- Fields, Melvin, and M. A. Stevens, to E. I. du Pont de Nemours and Co. Resolution of N-acetyl-DL-tryptophans. 2,865,928, 12-23-58, Cl. 260—319.
- Fields, Paul R.: *See*—
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- Fields, Reuben T., to E. I. du Pont de Nemours and Co. Polymerization reaction vessel. 2,854,320, 9-30-58, Cl. 23—285.
- Fields, Robert E., to Whirlpool Corp. Door structure. 2,839,793, 6-24-58, Cl. 20—35.
- Fields, Roger Q.: *See*—
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- Fields, Thomas L., M. J. Weiss, and W. B. Wright, Jr., to American Cyanamid Co. Substituted pyrazoles. 2,833,779, 5-6-58, Cl. 260—296.

- Fleman, Edwin B., and A. L. Sigman**, to Packer Plast. Apparatus for packaging articles. 2,824,414, 2-25-58, Cl. 53-390.
- Fierbaugh, Lloyd W.**: See—
Ackerman, Chester A. 2,863,251.
- Fierce, William L., and A. F. Millikan**, to The Pure Oil Co. Preparation of cyanogen. 2,841,472, 7-1-58, Cl. 23-151.
- Fierce, William L., and G. M. Longland, Jr.**, to The Pure Oil Co. Method of removing high molecular weight naphthenic acids from hydrocarbon oils. 2,850,435, 9-2-58, Cl. 196-41.
- Fierce, William L., and W. J. Sandner**, to The Pure Oil Co. Preparation of nitriles from cyanogen and ketones. 2,861,851, 12-16-58, Cl. 260-465.
- Fies, Emerson E.**: See—
Noyes, Hiland B., and Fies. 2,840,265.
- Fiet, Owen O., and T. U. Foley**, to Radio Corp. of America. Television transmitter system employing components in parallel. 2,864,082, 12-9-58, Cl. 343-207.
- Fife, Robert J.**, to S. A. Young. Pop-up guide link. 2,833,574, 5-6-58, Cl. 287-54.
- Fifield, Edward**, to Kelsey-Hayes Co. Quick acting wheel clamp. 2,839,336, 6-17-58, Cl. 301-9.
- Figlio, Daniel**, to Smith, Kline & French Laboratories. Capsule forming machine. 2,821,749, 2-4-58, Cl. 18-25.
- Figg, Warren S.**, to United States of America, Atomic Energy Commission. Pulsed mixer-settler solvent extraction contactors. 2,847,283, 8-12-58, Cl. 23-270.5.
- Figge, Carroll C.** Safety bucket. 2,820,580, 1-21-58, Cl. 222-509.
- Figge, Carroll C.** Automatic bucket dumping hoist. 2,830,720, 4-15-58, Cl. 214-623.
- Figge, Jurt**: See—
Motz, Jürgen, Küchler, Figge, Kaess, and Mühlberger. 2,837,422.
- Fightmaster, Bernard A.** Flush tank valve controls. 2,820,968, 1-23-58, Cl. 4-57.
- Fike, Elmer A.**, to Monsanto Chemical Co. Measuring the dustiness of particulate solids. 2,822,719, 2-11-58, Cl. 88-14.
- Fike, Elmer A.**, to Roberts Chemicals, Inc. Diammonium ethylene bisdithiocarbamate. 2,844,623, 7-22-58, Cl. 260-500.
- Fikentscher, Hans**: See—
Herrie, Karl, Fikentscher, and Siebel. 2,825,719.
- Fikentscher, Hans**, to Badische Anilin & Soda-Fabrik Akt. Production of the salts of polymerized alpha beta-unsaturated aliphatic acids. 2,833,745, 5-6-58, Cl. 260-80.
- Fikentscher, Hans, H. P. Siebel, W. Daniel, and F. Rieder**, to Badische Anilin- & Soda-Fabrik Akt. Elastic gasoline-resistant copolymers. 2,835,657, 5-20-58, Cl. 260-80.5.
- Filachione, Edward M., and E. H. Harris, Jr.**, to United States of America as represented by the Secretary of Agriculture. Tanning agent and process. 2,829,943, 4-8-58, Cl. 8-94.33.
- Filar, Leo J.**, to Hercules Powder Co. Azeotropic distillation of monohydric and dihydric phenols. 2,862,857, 12-2-58, Cl. 202-42.
- Filbert, William F., and M. F. Fuller**, to E. I. du Pont de Nemours and Co. Process for preparing sodium sulfo-methylcellulose. 2,820,788, 1-21-58, Cl. 260-231.
- Filbey, Allen H.**, to Ethyl Corp. 3,5-dialkyl-4-hydroxybenzyl ethers. 2,838,571, 6-10-58, Cl. 260-611.
- Filippini, Edwin T.**: See—
Dis Ario, Daniel A. 2,825,815.
- Filko, John**. Adjustable contact assembly. 2,835,755, 5-20-58, Cl. 260-30.
- Fillatre, Alphonse A. M., and C. Coenen Fillatre**. Combined tool for opening tins and other containers. 2,845,703, 8-5-58, Cl. 30-22.
- Filler, Irving H.** Convertible sunbathing-eyeshield and sun glasses. 2,844,994, 7-29-58, Cl. 88-41.
- Fillingame, John E.**, to National Geographic Society. Photographic reproduction apparatus. 2,832,591, 4-29-58, Cl. 271-2.5.
- Filper Corp.**: See—
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- Filter Corp.**: See—
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- Filtot S. A.**: See—
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- Finch, James L.**, to Radio Corp. of America. Retransmission of characters in a radio telegraph system. 2,831,058, 4-15-58, Cl. 178-26.
- Fincher, Walter**. Adjustable hanger for the shaker screen or sieve of a purifier or the like machine. 2,866,554, 12-30-58, Cl. 209-415.
- Finco, Inc.**: See—
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- Findiesen, Kenneth G.** Device for handling barrels, kegs and the like. 2,843,414, 7-15-58, Cl. 294-4.
- Findlay, Albert J., to J. F. Russell, Jr.** Beverage dispensing machine. 2,827,927, 3-25-58, Cl. 141-83.
- Findlay, Albert J., J. A. MacDonald, and G. C. Widdup**, to Canadian Patents and Development Ltd. Time recording apparatus. 2,838,361, 6-10-58, Cl. 346-83.
- Findlay, Gordon R.**, to National Research Corp. Method of producing refractory metals. 2,826,491, 3-11-58, Cl. 75-84.4.
- Findlay, Gordon R.**, to National Research Corp. Method for producing metals. 2,828,199, 3-25-58, Cl. 75-29.
- Findlay, Gordon R.**, to National Research Corp. Method for producing titanium and zirconium. 2,828,201, 3-25-58, Cl. 75-84.4.
- Findlay, John S.** Fastening for doors, gates or the like. 2,832,625, 4-29-58, Cl. 292-210.
- Findlay, Robert A.**, to Phillips Petroleum Co. Treatment of polymers. 2,846,427, 8-5-58, Cl. 260-94.9.
- Findley, George W., and A. Blaauw**, to Ford Motor Co. Tractor wheel spacing means. 2,840,418, 6-24-58, Cl. 301-9.
- Findley, Howard J.**, to Eaton Mfg. Co. Wire wound structure. 2,843,355, 7-15-58, Cl. 253-39.15.
- Findley, Joseph D., Jr.**, to Westinghouse Electric Corp. Circuit breaker. 2,866,031, 12-23-58, Cl. 200-106.
- Fine, John D.** Candy cane forming machine. 2,839,014, 6-17-58, Cl. 107-4.
- Fine, Leon, & Associates**: See—
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- Fine, Milton**, to American Dryer Corp. Electric hand dryer. 2,853,591, 9-23-58, Cl. 219-39.
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- Finegan, Joel D.**: See—
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- Finelli, Anthony F., and H. M. Rice**, to The Goodyear Tire & Rubber Co. Adhesive process. 2,850,424, 9-2-58, Cl. 154-130.
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- Finger, Alexander E.**: See—
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- Fingerett, Joseph A., and F. A. Hill**, to Librascope, Inc. Electric motor positioning system using a magnetic amplifier. 2,827,603, 3-18-58, Cl. 318-30.
- Fingerett, Joseph A., and F. A. Hill**, to Librascope, Inc. Magnetic amplifiers. 2,827,608, 3-18-58, Cl. 323-89.
- Fingerett, Joseph A., and F. A. Hill**, to Librascope, Inc. Constrained bridge magnetic amplifier. 2,846,525, 8-5-58, Cl. 179-171.
- Finishine Laboratories, Inc.**: See—
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- Fink, Carl K., and K. L. Brown**, to Union Carbide Corp. Vinyl-compatible resins based on 2,4-dimethyl-4-hydroxyethoxymethyl-1,5-pentanediol. 2,819,235, 1-7-58, Cl. 260-22.
- Fink, Melvin M.**, to The Standard Oil Co. Liquid thermal diffusion apparatus. 2,850,167, 9-2-58, Cl. 210-176.
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- Fink, Milton**: See—
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- Fink, William C., P. F. Lynn, and M. Nordstrom**, to Sylvania Electric Products Inc. Method of and apparatus for preparation of highly flammable mixtures. 2,864,678, 12-16-58, Cl. 52-19.
- Fink, Willis J.** Grinding tool. 2,841,924, 7-8-58, Cl. 47-001.
- Finke, Arno**, to Firma Windmüller & Hölcher. Bag. 2,845,214, 7-29-58, Cl. 229-62.5.
- Finkel, Leonard, J. S. Pionkowski, and C. J. Weidknecht**, to Tele-Dynamics Inc. Limiter circuit. 2,821,629, 1-28-58, Cl. 250-27.
- Finkel, Leonard, and I. P. Magasiny**, to Tele-Dynamics Inc. Voltage controlled frequency modulated oscillator. 2,863,122, 12-2-58, Cl. 332-16.
- Finkel, Oscar C.**: See—
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- Finkel, Seymour I., and J. E. Taylor**, to Bendix Aviation Corp. Electromotor heading control system. 2,847,633, 8-12-58, Cl. 318-489.
- Finkel, Seymour S.**, to United States of America, Navy. Portable vacuum tube characteristic demonstrator. 2,838,849, 6-17-58, Cl. 35-19.
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- Finlay, Alexander**, to Westinghouse Air Brake Co. Apparatus for carrier intercommunication systems. 2,820,097, 1-14-58, Cl. 179-2.5.
- Finlay, Walter L., H. T. Clark, Jr., and J. A. Snyder**, to Rem-Cru Titanium, Inc. Titanium-base alloys. 2,829,974, 4-8-58, Cl. 75-175.5.
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- Finlayson, Donald, A. Harcolinski, and B. Krzesinski**, to British Celanese Ltd. Process for melt spinning crimped filaments. 2,831,748, 4-22-58, Cl. 18-54.
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- Finlayson, Frank E., to General Electric Co. Steam flatiron. 2,861,363, 11-25-58, Cl. 38-77.
- Finley, Charles E. and R. E. Apparatus for partitioning a manifold. 2,864,350, 12-16-58, Cl. 123-52.
- Finley, George A., and G. W. Spieler, to Finco, Inc. Spray vehicle. 2,822,216, 2-4-58, Cl. 299-29.
- Finley, Harold D. Food receptacle. 2,843,287, 7-15-58, Cl. 220-20.
- Finley, Ralph E.: *See—*
- Finley, Charles E. and R. E. 2,864,350.
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- Finn, Charles O., to The Finn Equipment Co. Devices for removing brush and shrubs and conditioning soil. 2,825,983, 3-11-58, Cl. 37-2.
- Finn, Charles O., to The Finn Equipment Co. Fibre mats and method of and apparatus for making the same. 2,842,897, 7-15-58, Cl. 47-9.
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- Finn, George B., Jr., and S. Mayburg, to Sylvania Electric Products Inc. Method of purifying germanium. 2,844,460, 7-22-58, Cl. 75-84.
- Finn, Gerald C. Woman's bathing suit. 2,857,600, 10-28-58, Cl. 2-67.
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- Finn, Robert S., to Seismograph Service Corp. Radio location system. 2,828,485, 3-25-58, Cl. 343-105.
- Finn, William C. Gear operated wrench. 2,830,479, 4-15-58, Cl. 81-57.
- Finneburgh, Lewis H., Jr., and V. W. Trebules, said Trebules assignor to said Finneburgh. Antenna reflectors. 2,832,957, 4-29-58, Cl. 343-915.
- Finnegan, James F., to Dunbar Kappe, Inc. Automatic regulating device for pneumatic conveyors. 2,837,377, 6-3-58, Cl. 302-23.
- Finnegan, Thomas J., 1/2 to R. Swan. Trigger finger rest for firearms. 2,865,127, 12-23-58, Cl. 42-69.
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- Finnerty, Joseph N., and W. F. Volkert, Jr., to Proctor & Schwartz, Inc. End cover member. 2,838,860, 6-17-58, Cl. 40-10.
- Finney, Ivan K., to United States of America, Navy. High voltage insulation mounting. 2,866,845, 12-30-58, Cl. 174-139.
- Finney, John H. V., and F. B. Maychark, to Bunker Hill and Sullivan, Mining and Concentrating Co. Ore reclaimer and method therefor. 2,820,553, 1-21-58, Cl. 214-10.
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- Fiore, Vincent J., and O. Reich; said Reich assor, to said Fiore. Driving points for piles. 2,864,241, 12-16-58, Cl. 61-53.
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- Fisch, Richard A. Insulating shield and mounting device for color television tubes. 2,866,187, 12-23-58, Cl. 340-367.
- Fisch, Willy, to Ciba Ltd. Compositions comprising epoxy compounds and hydroxy terminated polyester resins and process of making same. 2,830,031, 4-8-58, Cl. 260-45.4.
- Fischbach, Adolph, and A. L. Almerini, to United States of America, Army. Zinc electrode for primary batteries. 2,859,268, 11-4-58, Cl. 136-126.
- Fischback, Bryant C., G. H. Harris, W. E. Brown and W. H. Taplin, to The Dow Chemical Co. Process for making ar-dinitrophenylureas. 2,826,611, 3-11-58, Cl. 260-553.
- Fischback, Bryant C., and G. H. Harris, to The Dow Chemical Co. Trialkylamine salts of dithiocarbamic acids. 2,827,483, 3-18-58, Cl. 260-501.
- Fischback, Bryant C., and G. H. Harris, to The Dow Chemical Co. Triethylamine salts of N-(naphthyl)-dithiocarbamic acids. 2,866,814, 12-30-58, Cl. 260-501.
- Fischer, Albert M.: *See—*
 Iselle-Aregger, Alfons. 2,829,790.
- Fischer, Albert M., to Davenport Machine and Foundry Co. Oscillating doctor knife bar and cutting angle adjustment. 2,857,612, 10-28-58, Cl. 15-256.5.
- Fischer, Albert W.: *See—*
 Chambers, Herbert I., and Fischer. 2,831,364.
- Fischer, Albert W., to Consolidated Electrodynamics Corp. Oscillograph apparatus. 2,851,326, 9-9-58, Cl. 346-74.
- Fischer, Alfred O.: *See—*
 Fast, Clarence R., Fischer, and Randall. 2,826,547.
- Fischer, Anthony J., to Dorr-Oliver Inc. Treating impure liquids. 2,825,691, 3-4-58, Cl. 210-49.
- Fischer, Arlon E. Gun safety attachment. 2,819,550, 1-14-58, Cl. 42-70.
- Fischer, Artur: *See—*
 Bürkle, Fritz. 2,833,129.
- Fischer Bed Spring Co.: *See—*
 Fischer, Samuel M., and Glass. 2,823,391.
- Fischer, Bernard. Hair curler device. 2,838,054, 6-10-58, Cl. 132-43.
- Fischer, Edgar, and H.-H. Frey, to Farbwerke Hoechst Akt. vormals Meister Lucius & Brüning. Thermal decomposition of trifluoroethylene polymers. 2,854,490, 9-30-58, Cl. 260-653.
- Fischer, Edward: *See—*
 Parker, Sydney R., and Fischer. 2,849,606.
- Fischer, Elias, to Armour and Co. Herbicidal compositions of controlled water solubility. 2,843,471, 7-15-58, Cl. 71-2.6.
- Fischer, Felix, to Olympia Werke A. G. Sheet holding and transporting device for business machines. 2,836,279, 5-27-58, Cl. 197-128.
- Fischer, Francois A., to Dorr-Oliver Inc. Method of treating sulfide solids under solids fluidizing conditions. 2,819,157, 1-7-58, Cl. 75-9.
- Fischer, Franz L., to Bulova Research and Development Laboratories, Inc. Gyroscopic instrument. 2,829,523, 4-8-58, Cl. 74-5.7.
- Fischer, Fritz, to Heppenstall Co. Protector. 2,857,195, 10-21-58, Cl. 294-104.
- Fischer, Georg. Tube filter installations. 2,832,434, 4-29-58, Cl. 183-54.
- Fischer, Georg. Aktiengesellschaft: *See—*
 Bühler, Erwin. 2,830,341.
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 Häberlin, Hans P. 2,861,301.
- Fischer, George A. Method of producing aluminum carbide. 2,841,475, 7-1-58, Cl. 23-208.
- Fischer, Gottwalt F., J. Roch, and A. Kottler, to Dr. Karl Thomae G. m. b. H. Derivatives of 7,9-pyrimidino pyrimidine-(1,3) and a process of making same. 2,826,580, 3-11-58, Cl. 260-256.4.
- Fischer, H. G., & Co.: *See—*
 Kozinski, Joseph. 2,861,564.
- Fischer, Hans, to American Bosch Arma Corp. Fuel injection pump. 2,828,727, 4-1-58, Cl. 123-140.

- Fischer, Hans C. P., to Atlas Copco Aktiebolag. Hammer pistons and percussion apparatuses provided with such hammer pistons. 2,831,462, 4-22-58, Cl. 121-31.
- Fischer, Heinz, to J. R. Geigy A.-G. Device for repairing damaged places in the walls of metallic containers. 2,824,663, 2-25-58, Cl. 220-39.
- Fischer, Heinrich: *See* Ziegler, Herbert, Fischer, and Gottschalk. 2,851,937.
- Fischer, Henry C.: *See* Meyer, William G., Fischer, and Hahner. 2,865,684.
- Fischer, Herbert C., to National Fibre Glass Co., Inc. Method of continuously forming tubing of plastic material. 2,828,239, 3-25-58, Cl. 154-83.
- Fischer, Howard L.: *See*—Philippi, Matthew H. 2,827,720.
- Fischer, Howard R.: *See*—Roberts, James A., Fischer, and D'Haem. 2,833,310.
- Fischer, Howard R., to Chicago Pneumatic Tool Co. Tool retainer for pneumatic hammer. 2,823,040, 2-11-58, Cl. 279-19.
- Fischer, Howard R., to Chicago Pneumatic Tool Co. Coin dimpling apparatus. 2,834,234, 5-13-58, Cl. 78-18.
- Fischer, Howard R., and M. P. D'Haem, to Chicago Pneumatic Tool Co. Pneumatic-hydraulic power unit. 2,825,206, 3-4-58, Cl. 60-51.
- Fischer, Howard R., and J. A. Roberts, to Chicago Pneumatic Tool Co. Mechanical movement for pressing tool. 2,865,212, 12-23-58, Cl. 74-110.
- Fischer, Johannes, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Electrodeposition of bright zinc, copper or nickel. 2,828,252, 3-25-58, Cl. 204-49.
- Fischer, John J., to The Patterson-Kelley Co., Inc. Rotary shaft seal. 2,848,285, 8-19-58, Cl. 308-187.1.
- Fischer, John P., to River Raisin Paper Co. Container for bulk package parts. 2,845,210, 7-29-58, Cl. 229-14.
- Fischer, Josef: *See*—Berg, Herbert, Fischer, Krautwald, and Ruhland. 2,866,927.
- Ruhland, Alois, and Fischer. 2,864,038.
- Fischer, Josef, and H. Kubick, to Siemens & Halske Akt. Alternate make and break relay. 2,849,561, 8-26-58, Cl. 200-87.
- Fischer, Joseph F. Breech bolt and firing pin safety mechanism for firearms. 2,824,402, 2-25-58, Cl. 42-70.
- Fischer, Joseph F. Safety mechanism for firearms. 2,856,718, 10-21-58, Cl. 42-70.
- Fischer, Julius G. Pipe carrying assembly for sealing association with a water well casing. 2,859,824, 11-11-58, Cl. 166-88.
- Fischer, Karl. Distributed amplifier arrangement. 2,863,007, 12-2-58, Cl. 179-171.
- Fischer, Karl, and H. Sydow. Process of producing porous bodies. 2,850,396, 9-2-58, Cl. 106-41.
- Fischer, Kurt, to Siemens & Halske Akt. Circuit arrangement for controlling the operation of key-controlled telephone selection apparatus. 2,844,660, 7-22-58, Cl. 179-90.
- Fischer, Kurt, and G. Rummert, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Process for the production of ethylene. 2,859,258, 11-4-58, Cl. 260-683.
- Fischer, Louis, and A. Schluskel; said Fischer assor., to said Schluskel. Webbing clip. 2,845,671, 8-5-58, Cl. 24-84.
- Fischer, Paul E.: *See*—Langlois, Gordon E., and Fischer. 2,843,641.
- Fischer, Paul E., to E. G. Staude Mfg. Co., Inc. Box making machine. 2,823,594, 2-18-58, Cl. 93-49.
- Fischer, Paul E., to E. G. Staude Mfg. Co., Inc. Rotary dewaxer for coated paper or cardboard blanks. 2,841,112, 7-1-58, Cl. 118-11.
- Fischer, Paul E., to E. G. Staude Mfg. Co., Inc. Timed bottom feeder. 2,852,255, 9-16-58, Cl. 271-32.
- Fischer, Paul W., and R. A. Rogers, to Union Oil Co. of California. Drilling mud. 2,857,328, 10-21-58, Cl. 252-85.
- Fischer, Paul W., and R. A. Rogers, to Union Oil Co. of California. Drilling mud. 2,857,329, 10-21-58, Cl. 252-85.
- Fischer, Peter J. Drain sack holder. 2,853,072, 9-23-58, Cl. 128-283.
- Fischer & Porter Co.: *See*—Brewer, Nathaniel, and Evananenko. 2,841,330.
- Haigler, Edmund D. 2,841,985.
- Fischer, Richard A., and L. F. Mauldin, to The Garrett Corp. Cabin pressure outflow valve. 2,830,521, 4-15-58, Cl. 98-1.5.
- Fischer, Robert L., to Cities Service Research and Development Co. Method for producing urea formaldehyde core binder resins. 2,861,980, 11-25-58, Cl. 260-71.
- Fischer, Roland B.: *See*—Roach, Donald B., Fischer, and Jackson. 2,851,353.
- Fischer, Rudolph F., to Shell Development Co. Preparation of acrylate esters. 2,858,330, 10-28-58, Cl. 260-486.
- Fischer, Rudolph F., and C. W. Smith, to Shell Development Co. Production of carbonyl-substituted ethanol esters. 2,857,422, 10-21-58, Cl. 260-488.
- Fischer, Samuel M., and H. P. Glass, to Fischer Bed Spring Co. Folding bed. 2,823,391, 2-18-58, Cl. 5-152.
- Fischer, Thomas, H. Kronacher, and F. Kaess, to Süddeutsche Kalkstickstoff-Werke A. G. Method and apparatus for nitrogenating calcium carbide. 2,838,379, 6-10-58, Cl. 23-279.
- Fischer, Walter, to Getreideflocken A. G. Apparatus for cutting the strip at the tops of bags. 2,840,163, 6-24-58, Cl. 161-42.
- Fischer, Wilbur F., to Esso Research and Engineering Co. Vinyl chloride polymer composition containing phenyl salicylate and a bisphenol. 2,824,079, 2-18-58, Cl. 260-31.8.
- Fischer, William K., to General Electric Co. Method of testing the conductivity of an electrical circuit. 2,825,025, 2-25-58, Cl. 324-51.
- Fischer-Colbrie, Erwin P., to General Electric Co. Color cathode ray image reproducing tube and method. 2,842,696, 7-8-58, Cl. 313-78.
- Fischett, Charles. Drain valve for plastic swimming pool. 2,838,768, 6-17-58, Cl. 4-177.
- Fischl, Fred B.: *See*—Scott, Robert W., and Fischl. 2,839,471.
- Fischl, Fred B., W. E. Waddey, and F. J. Beyerstedt, to Esso Research and Engineering Co. Extreme pressure lubricant composition. 2,827,433, 3-18-58, Cl. 252-46.7.
- Fischl, Fred B., and G. A. Weisgerber, to Esso Research and Engineering Co. Petroleum distillate fuels. 2,860,040, 11-11-58, Cl. 44-72.
- Fischl, Karl P. Combination dice and card game. 2,861,809, 11-25-58, Cl. 273-141.
- Fischman, Harry H., and E. J. Manelia; said Manelia assor., to said Fischman. Knockdown toy. 2,826,000, 3-11-58, Cl. 46-22.
- Fiselier, Arnoldus D., to P. J. Plaisier. Clock, driven by a weight. 2,850,867, 9-9-58, Cl. 58-2.
- Fish, Keith A.: *See*—Rosen, Charles A., Fish, and Rothenberg. 2,830,274.
- Fish, Marion F., to Sumner Iron Works, Inc. Remote control set works. 2,861,606, 11-25-58, Cl. 143-120.
- Fish Products Co.: *See*—Kreutzer, Conradin O. 2,818,672.
- Kreutzer, Conradin O. 2,836,735.
- Kreutzer, Conradin O. 2,850,832.
- Kreutzer, Conradin O. 2,850,833.
- Fish, Robert C., to R. L. Persons. Regulating control valves. 2,833,304, 5-6-58, Cl. 137-495.
- Fish, Walter D., to Joy Mfg. Co. Hammer rock drills. 2,853,973, 9-30-58, Cl. 121-10.
- Fish, Walter Y.: *See*—Linhart, Theo F., Jr., Fish, and Hixson. 2,851,574.
- Fisher, Albert A.: *See*—Seiler, William. 2,835,030.
- Fisher, Alec, and W. E. Penn, to General Electric Co. Dynamoelectric machine. 2,837,669, 6-3-58, Cl. 310-45.
- Fisher, Andrew J., to Majac, Inc. Injector for impact pulverizer or the like. 2,821,346, 1-28-58, Cl. 241-39.
- Fisher, Baxter. Emergency brakes for tractors. 2,828,643, 4-1-58, Cl. 74-481.
- Fisher, Benjamin: *See*—Nelson, Morris D., and Fisher. 2,840,645.
- Fisher, Berne N., to Standard Coil Products Co., Inc. Frequency selector. 2,826,687, 3-11-58, Cl. 250-20.
- Fisher, Bruce S.: *See*—Cope, Arthur C., and Fisher. 2,849,449.
- Fisher, Cecil L.: *See*—Fisher, Frank and C. L. 2,849,829.
- Fisher, Charles B. Telegraph receivers. 2,835,734, 5-20-58, Cl. 178-70.
- Fisher, Charles P., to Sigma Instruments, Inc. Stepping motor. 2,834,896, 5-13-58, Cl. 310-49.
- Fisher, Charles R., Jr.: *See*—Morris, Frank A., Paul, and Fisher. 2,854,521.
- Fisher, Chester D., to Sprout, Waldron & Co., Inc. Pellet mill. 2,845,036, 7-29-58, Cl. 107-14.
- Fisher, Chester D., to Sprout, Waldron & Co., Inc. Shaker drive. 2,865,210, 12-23-58, Cl. 74-61.
- Fisher, Chester D., and G. Marechal, Jr., to Sprout, Waldron & Co., Inc. Bulk material truck. 2,865,521, 12-23-58, Cl. 214-83.28.
- Fisher, Delbert P., to General Motors Corp. Master cylinder check valve. 2,827,918, 3-25-58, Cl. 137-493.8.
- Fisher, Delphis. Receptacle holder. 2,861,764, 11-25-58, Cl. 248-146.
- Fisher, Earl E.: *See*—Cantrell, Troy L., and Fisher. 2,862,800.
- Craig, Wilmot W., and Fisher. 2,852,353.
- Fisher, Edward I.: *See*—Allen, Howard G., and Fisher. 2,857,596.
- Fisher, Eugene F., Jr.: *See*—Milleville, Bertram J., and Fisher. 2,855,940.
- Fisher, Evan D., and J. E. Spates, to United States of America. Army. Bomb safety wire shear device. 2,850,973, 9-9-58, Cl. 102-2.
- Fisher, Frank and C. L. Trotline leader and hook carrying case. 2,849,829, 9-2-58, Cl. 43-57.5.
- Fisher, Frank C.: *See*—Aisop, Reese F. 2,829,818.
- Fisher Gauge Works Ltd.: *See*—Fisher, William F. 2,832,109.
- Fisher, Gene J., to Celanese Corp. of America. Ketene reactions. 2,844,622, 7-22-58, Cl. 260-486.
- Fisher, Gene J., and A. F. MacLean, to Celanese Corp. of America. Production of polyolefinic acyloxy compounds. 2,838,561, 6-10-58, Cl. 260-484.
- Fisher, George A. Method of processing fresh fruit. 2,843,333, 8-19-58, Cl. 99-102.

- Fisher, George C. Soft corn shields. 2,827,050, 3-18-58, Cl. 128-153.
- Fisher, George E., to Treat, Inc. Resistance unit. 2,856,496, 10-14-58, Cl. 201-69.
- Fisher, George E., to Trent, Inc. Electrical heating elements. 2,866,062, 12-23-58, Cl. 201-63.
- Fisher, George F., and H. E. Dillon, to Midland Mfg. Co., Inc. Piezoelectric crystal assembly. 2,824,219, 2-18-58, Cl. 250-9-4.
- Fisher, Glenn H. Combined minnow buckets and fish lures. 2,853,828, 9-30-58, Cl. 43-56.
- Fisher Governor Co.: See—
- Wright, Harold B. 2,826,213.
- Fisher, Hardin Y., to Controls Co. of America. Snap acting electric switch. 2,821,588, 1-28-58, Cl. 200-67.
- Fisher, Herman G.: See—
- Crawford, Ralph W., Sly, and Fisher. 2,835,074.
- Fisher Industries, Inc.: See—
- Fisher, Robert C. 2,866,372.
- Fisher, James L.: See—
- Stufflebeam, Clyde E., and Fisher. 2,852,330.
- Fisher, James W., and H. Bates, to British Celanese Ltd. Process for making cellulose acetate of low acetyl value by heterogeneous ripening. 2,856,401, 10-14-58, Cl. 260-230.
- Fisher, John, to The Warner & Swasey Co. Filling detector for a weaving machine. 2,841,186, 7-1-58, Cl. 139-370.
- Fisher, John E.: See—
- Foller, James A. C., and Fisher. 2,852,767.
- Fisher, John G.: See—
- Straley, James M., and Fisher. 2,835,661.
- Straley, James M., and Fisher. 2,857,371.
- Straley, James M., and Fisher. 2,857,373.
- Straley, James M., and Fisher. 2,865,909.
- Fisher, John G. Irrigation ditch valve. 2,854,823, 10-7-58, Cl. 61-28.
- Fisher, John, Jr. Electric portable hot water heater. 2,859,326, 11-4-58, Cl. 219-38.
- Fisher, John R., to The Dow Chemical Co. Method for modifying the growth characteristics of plants. 2,837,417, 6-3-58, Cl. 71-27.
- Fisher, John T., to Stewart-Warner Corp. Overheat safety device. 2,848,657, 8-19-58, Cl. 317-132.
- Fisher, Joseph R.: See—
- Punton, Charles W., and Fisher. 2,851,388.
- Fisher, Joseph R., to Bell Telephone Laboratories, Inc. Method for making ceramic articles. 2,847,314, 8-12-58, Cl. 106-39.
- Fisher, Joseph V. Stacked coplanar antenna array. 2,847,669, 8-12-58, Cl. 343-727.
- Fisher, Julius L.: See—
- Richardson, William S., and Fisher. 2,856,158.
- Fisher, Paul C. Universal type refill cartridge for ball point pens. 2,860,602, 11-18-58, Cl. 120-42-4.
- Fisher, Preston B., to Swayne-Robinson & Co. Metal working vise with bending rollers. 2,832,395, 4-29-58, Cl. 153-54.
- Fisher-Price Toys, Inc.: See—
- Crawford, Ralph W., Sly, and Fisher. 2,835,074.
- Dunstan, Mary E. 2,833,083.
- Fisher, Richard A.: See—
- Bronstien, Edward L., Jr., and Fisher. 2,855,878.
- Fisher, Richard F. M.: See—
- Somerville, Ian C., and Fisher. 2,824,816.
- Fisher, Robert A., to Bioform Corp. Extraction of ergosterol and ergosterol-like steroids from yeast and analogous products. 2,865,934, 12-23-58, Cl. 260-397-25.
- Fisher, Robert C., to Fisher Industries, Inc. Bolt non-rotatively secured to plate by struck out shank portion. 2,866,372, 12-30-58, Cl. 85-9.
- Fisher, Robert E. Hydraulic scales. 2,830,804, 4-15-58, Cl. 265-47.
- Fisher, Robert H., Jr.: See—
- Foot, Richard L., and Fisher. 2,848,703.
- Fisher, Roy R. Steam vaporizer. 2,843,891, 7-22-58, Cl. 21-119.
- Fisher Scientific Co.: See—
- Hulick, Harry C., Jr. 2,829,528.
- Fisher, Simon, and H. E. Bach, to National Electric Welding Machines Co. Forming rolls having a curved forming shoe tangential to one roll on a line connecting the axes of the rolls. 2,858,874, 11-4-58, Cl. 153-54.
- Fisher, Thomas: See—
- Graef, Charles G., and Fisher. 2,845,681.
- Fisher, Valentine W. F.: See—
- Walker, Eric E., Shaw, and Fisher. 2,825,656.
- Fisher, W. Reuben. Bronze and steel coiled bearing. 2,852,322, 9-16-58, Cl. 308-237.
- Fisher, Walter S., to General Motors Corp. Combustion chamber. 2,826,186, 3-11-58, Cl. 123-191.
- Fisher, William F., to Fisher Gauge Works Ltd. Assembly die casting apparatus. 2,832,109, 4-29-58, Cl. 22-68.
- Fishermann, Heinz, to Franz Muller Maschinenfabrik. Electrical control apparatus. 2,832,027, 4-22-58, Cl. 318-421.
- Fishman, Norman: See—
- Miller, Allyn C., and Fishman. 2,837,435.
- Fisk, Bert: See—
- True, Virgil, and Fisk. 2,851,662.
- Fisk, Charles F.: See—
- Childers, Clifford W., and Fisk. 2,820,773.
- Fisk, James B.: See—
- Croft, George B., Jr., and Fisk. 2,846,512.
- Fisk, James C. Gauge. 2,832,149, 4-29-58, Cl. 33-147.
- Fisk, John W. Combination bait holder and sinker. 2,821,046, 1-28-58, Cl. 43-44-2.
- Fiske, Paul E. Hermetically sealed electronics package. 2,827,197, 3-18-58, Cl. 220-50.
- Fiske, Paul E. Electronics package. 2,857,558, 10-21-58, Cl. 319-101.
- Fisler, Leland H.: See—
- Ahlquist, Russell W., and Fisler. 2,841,432.
- Fismen, Clifford M. Music holder for marching bandmen. 2,828,576, 4-1-58, Cl. 45-59.
- Fister, Aloysius J., to McGraw-Edison Co. Protectors for electric circuits. 2,837,614, 6-3-58, Cl. 200-120.
- Fitch, Elliot B.: See—
- Stavenger, Paul L., and Fitch. 2,840,524.
- Fitch, Ernest C., Jr.: See—
- Deilly, Frederic H., and Fitch. 2,864,403.
- Fitch, Fred T., and D. S. Russell, to United States of America, Atomic Energy Commission. Separation of plutonium from elements having an atomic number not less than 92. 2,852,338, 9-16-58, Cl. 23-14-5.
- Fitch, Frederick T., and A. J. Cruikshank, to United States of America, Atomic Energy Commission. Uranium recovery. 2,858,187, 10-28-58, Cl. 23-14-5.
- Fitch, Frederick T., and P. C. Miller, to W. R. Grace & Co. Preparation of fluosilanes. 2,865,706, 12-23-58, Cl. 23-14.
- Fitch, Howard L. Combination coat and trouser hanger. 2,819,002, 1-7-58, Cl. 223-88.
- Fitch, Howard M. Pesticidal compositions comprising dimethyl carbonates of dimethyl amino and hetero-substituted methyl phenols and method of using same. 2,843,519, 7-15-58, Cl. 167-30.
- Fites, Cyril B., to Wagner Electric Corp. Emergency relay valve for tractor trailer brake system. 2,832,646, 4-29-58, Cl. 303-26.
- Fites, Cyril B., to Wagner Electric Corp. Tractor protector valve. 2,859,763, 11-11-58, Cl. 137-102.
- Fittler, Robert J. Display stand. 2,848,119, 8-19-58, Cl. 211-137.
- Fitt, Theodore C.: See—
- Fleming, Edward P., and Fitt. 2,834,653.
- Fitter, Charles F., to Eastman Kodak Co. Continuous optical copier. 2,823,579, 2-18-58, Cl. 88-24.
- Fitter, Charles F., and T. G. Spezio, to Eastman Kodak Co. Negative holder. 2,855,822, 10-14-58, Cl. 88-24.
- Fittou, William A., and W. G. Parker. Safety pallet-storage aid. 2,828,040, 3-25-58, Cl. 214-730.
- Fitzer, Erich, to Siemens-Plania-Werke Akt., Fuer Kohle-fabrikate Method of producing heat resisting metallic materials and formed bodies. 2,844,492, 7-22-58, Cl. 117-66.
- Fitz Gerald, Alan S. Binary counting system. 2,821,638, 1-28-58, Cl. 307-88.
- Fitzgerald, Albert J., to General Electric Co. Glass-retainer structure for cabinet. 2,849,267, 8-26-58, Cl. 312-7.
- Fitzgerald, Cornelius G., C. P. Haber, and E. A. Lawton, to United States of America, Army. Preparation of substituted phosphinic nitrides. 2,853,517, 9-23-58, Cl. 260-551.
- Fitzgerald, Frank S.: See—
- Chittum, Jack O., and Fitzgerald. 2,844,020.
- Fitzgerald, Gilbert F.: See—
- Roepke, John H. 2,834,532.
- Fitzgerald, Harold G., to Victorite Industries, Inc. Apparatus for presenting market quotations by optical projection means. 2,824,490, 2-25-58, Cl. 88-24.
- Fitz Gerald, Harold G., to Victorite Industries, Inc. Over-head projector apparatus. 2,828,666, 4-1-58, Cl. 88-24.
- Fitzgerald, Harold J., to Superdisplay, Inc. Display cabinet for confections. 2,846,284, 8-5-58, Cl. 312-119.
- Fitzgerald, Harold J., to Superdisplay, Inc. Food warmer. 2,863,979, 12-9-58, Cl. 219-35.
- Fitzgerald, Harry G.: See—
- Henderson, Charles L., and Fitzgerald. 2,865,783.
- Fitzgerald, Heiman P. Soil fracturing point wing shank and holder. 2,857,835, 10-28-58, Cl. 97-215.
- Fitzgerald, John R. Wax applicator for fruits, vegetables and the like. 2,821,957, 2-4-58, Cl. 118-13.
- Fitzgerald, John R. Fruit and vegetable dryer. 2,829,444, 4-8-58, Cl. 34-95.
- Fitzgerald, Ray H. Carton for fragile articles. 2,820,586, 1-21-58, Cl. 229-28.
- Fitzgerald, William B.: See—
- Lewis, Morgan S. 2,848,222.
- Fitzgerald, William B. Stamp vending machines. 2,865,699, 12-23-58, Cl. 312-39.
- Fitzgerald, William P.: See—
- Banes, Fred W., and Fitzgerald. 2,838,456.
- Fitzgerald, William P., and P. V. Smith, Jr., to Esso Research and Engineering Co. Resin composition containing epoxidized hydrocarbon polymer as resin plasticizers. 2,842,513, 7-8-58, Cl. 260-30-4.
- Fitz Gerald, William P., J. F. Nelson, and O. C. Slotterbeck, to Esso Research and Engineering Co. Odor improvement of petroleum resins with vanillin. 2,857,361, 10-21-58, Cl. 260-45-95.
- Fitz Maurice, Walter A.: See—
- Bennett, William O., Jr., Fitz Maurice, and Mutter. 2,824,198.
- Fitzpatrick, Hugh F.: See—
- Kalmar, Arthur F., and Fitzpatrick. 2,833,656.
- Fitzpatrick, John T.: See—
- Hill, Fred N., and Fitzpatrick. 2,866,761.

- Fitzsimmons, Harold C., to The Sharples Corp. Centrifugal separator. 2,820,589, 1-21-58, Cl. 233-20.
- Fitzsimmons, Kenneth W.: *See*—
Shields, James R., Barth, and Fitzsimmons. 2,830,467.
- Fitzsimmons, Lloyd R.: *See*—
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- Fitzwater, Robert M.: *See*—
Rodriguez-Torrent, Ralph, and Fitzwater. 2,844,507.
- Fitzwilliam, James W., E. A. Glenham, and F. J. Moore, to The Texas Co. Catalysts for elevated pressure-moderate temperature reactions of carbon monoxide. 2,830,089, 4-8-58, Cl. 260-597.
- Fixture Hardware Corp.: *See*—
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- Fizzell, James L. Liquid fuel burner and hood. 2,821,976, 2-4-58, Cl. 126-271.2.
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- Fjellstedt, Thorsten A., to McGraw-Edison Co. Disconnecting switch. 2,830,144, 4-8-58, Cl. 200-48.
- Flaatten, Kjell L. Piston ring remover. 2,862,290, 12-2-58, Cl. 29-222.
- Flachbarth, Charles: *See*—
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- Fladmark, Thor. Turning cranes. 2,860,789, 11-18-58, Cl. 212-58.
- Flagg, John E., and J. E. Walsh, to D. M. Clark. Flexible joint for inflatable garments. 2,834,965, 5-20-58, Cl. 2-21.
- Flagg, Raymond P.: *See*—
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- Flagler, Dudley W.: *See*—
Purcell, Edward J., Flagler, and Harville. 2,856,858.
- Flahan, James G. Tape attaching device for reels. 2,859,920, 11-11-58, Cl. 242-74.1.
- Flahive, Thomas J., and J. L. Hunter. Bookholder. 2,834,149, 5-13-58, Cl. 45-85.
- Flair, Henry J., to Illinois Tool Works. Gear timing device. 2,865,258, 12-23-58, Cl. 90-4.
- Flam, Abraham. Dry mop dust cleaner. 2,863,163, 12-9-58, Cl. 15-142.
- Flamm, Thomas J., to Allis-Chalmers Mfg. Co. Combined bumper and pump mounting for tractors. 2,866,510, 12-30-58, Cl. 180-53.
- Flan, Anthony, and H. N. Miller, to Oakton Engineering Corp. Control mechanism to coordinate a sound reproducer with a program source. 2,834,840, 5-13-58, Cl. 179-100.1.
- Flanagan, Charles D., to Metals & Controls Corp. Thermostats. 2,863,025, 12-2-58, Cl. 200-138.
- Flanagan, Chester A. Trailer and hitch construction. 2,830,828, 4-15-58, Cl. 280-414.
- Flanagan, Hubert W. Universal coil winding machine. 2,846,156, 8-5-58, Cl. 242-9.
- Flanders, Ernest V., by Jones and Lamson Machine Co. Method of grinding, including grinding wheel forming. Re. 24,448, 4-1-58, Cl. 51-283.
- Flanigan, Frank M., to United States of America, Army. Membrane door. 2,854,070, 9-30-58, Cl. 160-113.
- Flannagan, Alfred, to National Research Development Corp. Gyroscope apparatus. 2,846,890, 8-12-58, Cl. 74-547.
- Flannery, John P.: *See*—
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- Flasch, Helmut, to Farbenfabriken Bayer Aktiengesellschaft. New cadmium sulfide yellow pigments. 2,819,175, 1-7-58, Cl. 106-301.
- Flaska, Robert. Spinner fishing lure. 2,833,079, 5-6-58, Cl. 43-42.34.
- Flathman, Elmer H. Gate. 2,860,428, 11-18-58, Cl. 39-5.
- Flatow, Tobias, to Jersey Production Research Co. Inclinator. 2,851,784, 9-16-58, Cl. 33-205.
- Flatt, James H., and H. J. Cromwell, to General Motors Corp. Electric switch. 2,820,120, 1-14-58, Cl. 200-113.
- Flauder, Alfred J., to A. M. Pistey. Rotatable mount for trophies. 2,843,959, 7-22-58, Cl. 41-10.
- Flax, Alex G. Binding post. 2,818,867, 1-7-58, Cl. 129-12.
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- Fleck, Raymond N., to Union Oil Co. of California. Separation of hydrocarbons. 2,842,484, 7-8-58, Cl. 202-39.5.
- Fleckenstein, Hans, to Licentia Patent-Verwaltungs-G. m. b. H. Lamination for stacks in asynchronous. 2,830,209, 4-8-58, Cl. 310-216.
- Fleckenstein, Hans, and G. Steinert, to Licentia Patent-Verwaltungs-G. m. b. H. Electric motor. 2,821,640, 1-28-58, Cl. 310-68.
- Fleckenstein, Lee J.: *See*—
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- Flecker, Howard D., to Unexcelled Chemical Corp. Window sash mounting and locking arrangement. Re. 24,552, 10-21-58, Cl. 20-52.2.
- Fleet, John H. Means for observing boreholes. 2,849,530, 8-26-58, Cl. 178-7.2.
- Fleharty, Gerald L., to Dempster Mill Mfg. Co. Priming pump. 2,857,851, 10-28-58, Cl. 103-113.
- Fleischacker, Herman: *See*—
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- Fleischer, Elliot. Unit-packed cigarette-and-holder of cigarette extensible type. 2,820,462, 1-21-58, Cl. 131-11.
- Fleischer, Henry, and J. Rogg. Fluid flow control fitting. 2,851,060, 9-9-58, Cl. 138-46.
- Fleischhauer, Richard, to Cassella Farbwerke Mainkur Akt. Polyazo dyestuffs. 2,833,756, 5-6-58, Cl. 260-171.
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Kahn, Morton C., and Offenhauser. 2,861,132.
- Fleisher, Harold, to International Business Machines Corp. "Exclusive or" logical circuits. 2,850,647, 9-2-58, Cl. 307-88.5.
- Fleishhacker, Alan H. Method of inhibiting corrosion in tankers. 2,845,328, 7-29-58, Cl. 21-2.5.
- Fleiss, Victor P. Meat tenderizer. 2,830,317, 4-15-58, Cl. 17-25.
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- Fleming, Charles V. Conveyor for poultry. 2,840,041, 6-24-58, Cl. 119-82.
- Fleming, David H., Jr.: *See*—
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- Fleming, Edward P., and T. C. Fitt, to American Smelting and Refining Co. Production of sulfur from hydrogen sulfide and sulfur dioxide. 2,834,653, 5-13-58, Cl. 23-225.
- Fleming, Harold W., and R. E. Reitmeyer, to National Cylinder Gas Co. Selective hydrogenation catalyst and process for producing same. 2,840,531, 6-24-58, Cl. 262-455.
- Fleming, Howard M., Jr., and J. F. Scully, to Monroe Calculating Machine Co. Clamping circuit means. 2,828,417, 3-25-58, Cl. 250-27.
- Fleming, Irma S. Proof reader guide. 2,865,132, 12-23-58, Cl. 45-61.
- Fleming, Jack F., to Curtiss-Wright Corp. Plastics Division. Sunglasses for protecting the eyes from sun rays directed to the side of the head. 2,824,309, 2-25-58, Cl. 2-14.
- Fleming, James D., and H. F. Reinhart, to General Motors Corp. Combustion chamber for internal combustion engine. 2,851,019, 9-9-58, Cl. 123-32.
- Fleming, John J., to United States Rubber Co. Adhesion of textile fabric to butyl rubber. 2,839,443, 6-17-58, Cl. 154-139.
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- Fleming, Jonathan B., to Bailey Meter Co. Relief valve for pressure measuring apparatus. 2,847,032, 8-12-58, Cl. 137-785.
- Fleming, Kenneth H.: *See*—
Rasch, Royal H., Fleming, Leemhuis, and Sutton. 2,847,304.
- Fleming, Margaret E., to J. S. Fleming. Dental cleaners. 2,856,938, 10-21-58, Cl. 132-93.
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- Fleming, William A. Wallpaper applying device. 2,860,803, 11-18-58, Cl. 216-7.
- Fleming, William E., to Wyatt Mfg. Co. Tilting dump truck. 2,842,397, 7-8-58, Cl. 298-22.
- Flemmert, Gösta L. Process for burning silicon fluorides to form silica. 2,819,151, 1-7-58, Cl. 23-182.
- Flemmert, Gösta L., R. H. Lindblad, and J. H. O. Lindhe, to Aktiebolaget Nynäs-Petroleum. Method of quenching metal articles in a mineral oil. 2,848,362, 8-19-58, Cl. 148-13.1.
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- Fletcher Aviation Corp.: *See—*
Gordon, Carroll G. 2,826,465.
- Fletcher, Bertram G., to The British Ceca Co. Ltd., and F. W. Berk & Co. Ltd. Valve mechanisms. 2,833,511, 5-6-58, Cl. 251-218.
- Fletcher, Charles J., to United States of America. Navy. ROR boost power system providing boundary layer control in combination with afterburning. 2,862,566, 12-2-58, Cl. 170-135.4.
- Fletcher, Cicero P.: *See—*
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- Fletcher, Cicero P., to Ford Motor Co. Inhibitor switch for automatic transmissions. 2,856,479, 10-14-58, Cl. 200-80.
- Fletcher, Dean. Double-drive tandem roller. 2,839,147, 6-17-58, Cl. 180-50.
- Fletcher, Donald E.: *See—*
Trapp, Walter B., and Fletcher. 2,834,800.
- Fletcher Enamel Co., The: *See—*
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Zimmerman, Haven M. 2,828,218.
- Fletcher, George L., to Eastman Kodak Co. Removing acyl halide from ester compositions. 2,848,466, 8-19-58, Cl. 260-404.
- Fletcher, H. E., Co.: *See—*
Horton, William B. 2,837,079.
- Fletcher, Herbert J., to Dow Corning Corp. Method of producing cyclic diorganosiloxanes. 2,860,152, 11-11-58, Cl. 260-448.2.
- Fletcher, J. H., and Co.: *See—*
Fletcher, James R. and W. F. 2,832,567.
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- Fletcher, N. E., Co.: *See—*
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- Fletcher, Richard J. Method for preparing titanium, zirconium and tantalum. 2,820,722, 1-21-58, Cl. 117-107.
- Fletcher, Robert C., to Bell Telephone Laboratories, Inc. Microwave amplifier device. 2,823,332, 2-11-58, Cl. 315-3.5.
- Fletcher, Robert C., to Bell Telephone Laboratories, Inc. Space charge amplifier. 2,828,439, 3-25-58, Cl. 315-3.5.
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- Fletcher, William F.: *See—*
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- Fletcher Works Inc.: *See—*
Egee, Walter W. 2,846,037.
- Fleuret, Anna, nee A. Jaud: *See—*
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Walker, Derek W. R. 2,825,230.
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- Flexible Mfg. Corp.: *See—*
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- Flexible Seal Co.: *See—*
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- Flexible Steel Lacing Co.: *See—*
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- Flexible Tubing Corp., The: *See—*
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- Flexico Products: *See—*
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- Flexigrip Inc.: *See—*
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- Flex-let Corp.: *See—*
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- Flexline Shoe Co.: *See—*
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- Flexnit Co., Inc.: *See—*
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- Flexo Products, Inc.: *See—*
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- Flexon, Floyd D., to Owens-Illinois Glass Co. Cell type wood boxes. 2,865,526, 12-23-58, Cl. 217-22.
- Flexonics Corp.: *See—*
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Ekholm, Carl R. 2,837,810.
Farrar, John F. P., and Fentress. 2,832,613.
Fentress, David W. 2,822,194.
- Flexser, Leo A.: *See—*
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- Flexsleeve, Inc.: *See—*
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- Flextol Engineering Co. Ltd.: *See—*
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- Fleysher, Maurice H., to Allied Chemical & Dye Corp. Process for preparing isoviolanthrone. 2,834,791, 5-13-58, Cl. 260-358.
- Flick, Francis S., to Flick-Reedy Corp. Orificed fluid flow controller. 2,833,312, 5-6-58, Cl. 138-44.
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- Flickinger, William E., Sr., and G. Dolenic. Well brick with stopper rod guide. 2,826,793, 3-18-58, Cl. 22-85.
- Flieger, Emil W. Attachment for advertising display cases. 2,837,849, 6-10-58, Cl. 40-16.
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- Flight Equipment and Engineering Corp.: *See—*
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- Flight Refueling Inc.: *See—*
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- Flint, Oliver: *See—*
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- Flippo, Arthur P.: *See—*
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- Flock, Jules P. Detachable motor and handle unit. 2,860,716, 11-18-58, Cl. 180-19.
- Floede, Willi, to Arthur Salm, Inc. Pocket knife. 2,826,813, 3-18-58, Cl. 30-159.
- Flocks, Milton: *See—*
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- Flocoes, Peter N. Longitudinal shoe holder or stretcher with mounting means. 2,861,284, 11-25-58, Cl. 12-53.7.
- Floehr, Walter L., to Unicast Corp. Lading band anchor. 2,846,957, 8-12-58, Cl. 105-369.
- Floehr, Walter L., to Unicast Corp. Molding press head control system. 2,859,499, 11-11-58, Cl. 22-12.
- Floied, Amos D. Animal trap. 2,825,176, 3-4-58, Cl. 43-61.
- Floio, Harold K. Combination pipe threading die and reamer. 2,842,988, 7-15-58, Cl. 77-73.
- Flo-Mix Fertilizers Corp.: *See—*
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- Floomp, George S. Candle making machine. 2,827,663, 3-25-58, Cl. 18-24.
- Flood, Carl A., to Dennison Mfg. Co. String tag attachment device. 2,825,162, 3-4-58, Cl. 40-20.
- Flood, Carl A., to Dennison Mfg. Co. Strip of corner mounts for mounting pictures and the like. 2,825,166, 3-4-58, Cl. 40-158.
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- Flood, David P. Coupling device for small motors. 2,863,308, 12-9-58, Cl. 64-10.
- Flood, John E., to Siemens Edison Swan Ltd. Automatic exchange systems. 2,844,653, 7-22-58, Cl. 179-18.
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- Flood, Robert D., to Radio Corp. of America. Television receiver with color signal gate. 2,835,729, 5-20-58, Cl. 178-5.4.
- Flood, Robert D., and L. R. Kirkwood, to Radio Corp. of America. Television receiver with color signal gate. 2,835,728, 5-20-58, Cl. 178-5.4.
- Flood, Sydney H.: *See—*
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- Flor, Kurt: *See—*
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- Flora, John K.: *See*—
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- Flora, Laurence H., to Tinnerman Products, Inc. Fastening construction. 2,860,741, 11-18-58, Cl. 189-36.
- Flora, Laurence H., and J. Balint, to Tinnerman Products, Inc. Bolt holder for use with panel having a key hole slot. 2,853,113, 9-23-58, Cl. 151-41.75.
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- Floreen, Edward D.: *See*—
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- Florence, Robert T.: *See*—
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- Florence Stove Co.: *See*—
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Reeves, Herbert M., and Mathis. 2,846,997.
- Florentine, Frank P., Jr.: *See*—
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- Florentine, Frank P., Jr., and E. F. Fiedler, to General Electric Co. Methylolated compositions and products derived therefrom. 2,859,204, 11-4-58, Cl. 260-51.
- Florentine, Kathryn M. Mats. 2,822,553, 2-11-58, Cl. 4-185.
- Florio, Gerald C., to International Telephone and Telegraph Corp. Mold for semi-conductor ingots. 2,825,549, 3-4-58, Cl. 266-2.
- Florman, Irving. Electrically operated lighter with fuel supply. 2,848,655, 8-19-58, Cl. 317-88.
- Floroff, George K., to United Aircraft Corp. Vibration damping blade. 2,823,895, 2-18-58, Cl. 253-77.
- Florschutz, Fritz E., to Westinghouse Electric Corp. Electric device. 2,836,688, 5-27-58, Cl. 200-170.
- Flory, Leslie E.: *See*—
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- Flory, Leslie E., to Radio Corp. of America. Storage tube. 2,846,604, 8-5-58, Cl. 313-68.
- Floseal Corp.: *See*—
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- Flo-Seal Corp., The: *See*—
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- Flower, Archibald T. Spacer bar for conductor wires. 2,825,751, 3-4-58, Cl. 174-146.
- Flower, Archibald T. Electrical connector. 2,855,577, 10-7-58, Cl. 339-14.
- Flower, Archibald T. Electric conductor wire spacer and method of applying same. 2,861,122, 11-18-58, Cl. 174-146.
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- Flowers, Henry F. Dump vehicle interlocking door mechanism. 2,826,999, 3-18-58, Cl. 105-277.
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- Floyd, Culver J., to United States of America, Army. Radar search system and apparatus. 2,852,770, 9-16-58, Cl. 343-17.7.
- Floyd, Don E., to General Mills, Inc. Polyamide-epoxy resin reaction product. 2,823,189, 2-11-58, Cl. 260-18.
- Fluck, Linton A., T. F. Cooke, and P. B. Roth, to American Cyanamid Co. Acid resistant cellulosic material and process for producing same. 2,864,723, 12-16-58, Cl. 117-76.
- Flückiger, Willy, to J. J. Schuler. Automatic grinding machine. 2,852,892, 9-23-58, Cl. 51-33.
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- Fluid Systems, Inc.: *See*—
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- Fohanno, Henri E. J., to Manufactures de Produits Chimiques du Nord Establissements Kuhlmann. Method of stabilization of sulphuric anhydride. 2,826,483, 3-11-58, Cl. 23-174.
- Fohr, Earl W. Scarifier tooth attachment for end loader buckets. 2,864,184, 12-16-58, Cl. 37-142.
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- Foley, Albert H., to General Electric Co. Compensated electrical integrator. 2,846,643, 8-5-58, Cl. 323-122.
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- Foley, Michael P., to Western Precipitation Corp. Control circuit for electro-magnetic rappers for precipitators. 2,858,900, 11-4-58, Cl. 183-7.
- Foley, Robert T., and E. V. Raymond, to General Electric Co. Plated porous materials and method of making the same. 2,846,759, 8-12-58, Cl. 29-191.2.
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- Foley, William R., to Chance Vought Aircraft, Inc. Atmospheric pressure responsive valve means for maintaining flexible connector seal means. 2,837,112, 6-3-58, Cl. 137-526.
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- Fontein, Freerk J., to Stamicarbon N. V. Process for separating a mixture of solid particles. 2,860,782, 11-18-58, Cl. 209-172.5.
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- Forbes, Merle W. Raisin gathering apparatus.** 2,837,209, 6-3-58, Cl. 209-75.
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- Ford, Geoffrey E., and P. S. Waite, to Fords (Finsbury) Ltd. Bottle capping apparatus.** 2,835,093, 5-20-58, Cl. 53-345.
- Ford, George D., and O. T. Kauffmann, to The Mosaic Tile Co. Electrically-conductive ceramic floor-tile units and floors composed of such conductive units.** 2,851,639, 9-9-58, Cl. 317-2.
- Ford, Gerald M., to United States of America, Navy. Transient overvoltage and short circuit protective network.** 2,832,900, 4-29-58, Cl. 307-93.
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- Ford, Harry E., and W. J. Shenk, Jr., to The Harshaw Chemical Co. Electrodeposition of nickel and electrolytes therefor.** 2,818,392, 8-19-58, Cl. 204-49.
- Ford, Ian A. M., to Robinson Brothers Ltd. Preparation of ethylene bis-thiuram monosulphide.** 2,830,060, 4-8-58, Cl. 260-327.
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- Ford, Jared H., to The Upjohn Co. Process for the preparation of a pantothenic acid intermediate.** 2,852,530, 9-16-58, Cl. 260-343.6.
- Ford, John D., to Burke Golf Equipment Corp. Method and apparatus for molding covers upon shaft members.** 2,850,767, 9-9-58, Cl. 18-36.
- Ford, John L., to The Ford Meter Box Co., Inc. Single use mold for obround water meter barrels.** 2,866,251, 12-30-58, Cl. 25-118.
- Ford, John L. and R. V., to The Ford Meter Box Co., Inc. Single use fiber board mold for water meter barrels.** 2,866,250, 12-30-58, Cl. 25-118.
- Ford, John W. Method and apparatus for gas-freeing a fuel tank.** 2,858,040, 10-28-58, Cl. 220-88.
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- Boyer, Thomas J. 2,838,727.**
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dental plane. 2,840,910, 7-1-58, Cl. 32-19.
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- Forshee, Sheila M. Paint spray booth. 2,841,073. 7-1-58, Cl. 98—115.
- Forshey, Eugene. Applicator for gummed reinforcements. 2,839,212. 6-17-58, Cl. 216—34.
- Forssell, Eric G., to W. H. Miner, Inc. Draft gears for railway draft riggings. 2,837,221. 6-3-58, Cl. 213—45.
- Forssell, Harry: *See*—
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- Forster, Eric O., and R. O. Adams, to Esso Research and Engineering Co. Method of lubricating bearings. 2,859,178. 11-4-58, Cl. 252—32.7.
- Forster, Hans-Joachim M., to Daimler-Benz Aktiengesellschaft. Apparatus for controlling the starting and operation of motor vehicles or other motor-driven machines. 2,822,901. 2-11-58, Cl. 192—096.
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- Forster, Paul Q. Holder for flower arrangement. 2,849,836. 9-2-58, Cl. 47—41.
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- Forte, Helen A.: *See*—
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- Forth, Murray W., and R. E. Harrington, to Deere & Co. Snubbing means for bale-handling machine. 2,827,154. 3-18-58, Cl. 198—128.
- Fortin, Arthur J. Putting club guide. 2,824,742. 2-25-58, Cl. 273—192.
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- Fortney, Grant S. Protector cover. 2,822,441. 2-4-58, Cl. 200—86.5.
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- Foschi, Guido: *See*—
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- Foskett, Kenneth H., to Anchor Mfg. Co. Box with interconnected non-rotating hub. 2,842,384. 7-8-58, Cl. 285—203.
- Foskett, Laurence W., N. B. Foster, W. R. Thickstun, and R. C. Wood, to United States of America, Commerce. Method and apparatus for absorption spectra analysis. 2,834,246. 5-13-58, Cl. 88—14.
- Fosnaugh, Frederick G., to Dunbar Furniture Corp. of Indiana. Extension table. 2,852,325. 9-16-58, Cl. 311—67.
- Foss, Curtis D. Journal lubricator. 2,839,342. 6-17-58, Cl. 308—91.
- Foss, David W., to Bomac Laboratories, Inc. Tuning mechanism for reference cavity resonators. 2,827,612. 3-18-58, Cl. 333—83.
- Foss, Fred E. Sliding board. 2,841,396. 7-1-58, Cl. 272—56.5.
- Foss, Julian P. Inner permanent utility boxcar door. 2,826,786. 3-18-58, Cl. 20—33.
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- Foss, Orlando W. Combined package and skid. 2,828,007. 3-25-58, Cl. 206—46.
- Foss, Philip W., to The Rex Corp. Extrusion head. 2,863,170. 12-9-58, Cl. 18—13.
- Fossati, Emilio. Mechanical steering system for track vehicles. 2,833,161. 5-6-58, Cl. 74—710.5.
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- Foster, Curtis W., to Lockheed Aircraft Corp. Emergency actuator for hydraulic cylinders. 2,835,142. 5-20-58, Cl. 74—625.
- Foster, Edward V., to Northrop Aircraft, Inc. Automatic jettisoning system for aircraft seats. 2,820,602. 1-21-58, Cl. 244—122.
- Foster, Edwin B. Target. 2,827,297. 3-18-58, Cl. 273—102.4.
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Goodman, Leonard. 2,855,705.
- Foster, Harold M.: *See—*
Leavitt, Julian J., Long, and Foster. 2,865,916.
- Foster, Harry C., to Olin Mathieson Chemical Corp. Gun mounts. 2,855,827, 10-14-58, Cl. 89—41.
- Foster, Harry C., to Olin Mathieson Chemical Corp. Game control device. 2,855,916, 10-14-58, Cl. 124—32.
- Foster-Hochberg Mfg. Co., Inc.: *See—*
Hills, Marie W. 2,818,575.
- Foster, Jack F., to Deere & Co. Bulldozer. 2,831,276, 4-22-58, Cl. 37—144.
- Foster, Jack F., to Deere & Co. Tractor mountable implement attachment. 2,833,432, 5-6-58, Cl. 214—131.
- Foster, Jack J., and J. M. Allovio, to Olin Mathieson Chemical Corp. Coated smokeless powder. 2,865,729, 12-23-58, Cl. 52—7.
- Foster, Jackson G. and A. H. Motion picture apparatus. 2,833,541, 5-6-58, Cl. 272—1.
- Foster, James H., to Erie Resistor Corp. High dielectric constant cavity resonator. 2,838,736, 6-10-58, Cl. 333—83.
- Foster, James L.: *See—*
Laymon, Frank L., and Foster. 2,826,482.
- Foster, James R.: *See—*
Castner, George P., and Foster. 2,828,633.
- Foster, Joe T. Well testing apparatus. 2,856,009, 10-14-58, Cl. 166—226.
- Foster, John A.: *See—*
Porteous, Frederick B., and Foster. 2,862,589.
- Foster, John R., to Vonnegut Hardware Co. Panic latch and lock mechanism. 2,854,838, 10-7-58, Cl. 70—92.
- Foster, John S., to United States of America, War. Electromagnetic energy phase shifting device. 2,832,936, 4-29-58, Cl. 333—31.
- Foster, John S., Jr., to the United States of America as represented by the United States Atomic Energy Commission. Plasma generator. 2,826,708, 3-11-58, Cl. 313—7.
- Foster, John V. Simplified crash data recorder. 2,838,360, 6-10-58, Cl. 346—74.
- Foster, Laurence S., and T. T. Magel, to United States of America, Atomic Energy Commission. Method of producing uranium. 2,834,672, 5-13-58, Cl. 75—84.1.
- Foster, Lee R. Punch. 2,833,052, 5-6-58, Cl. 33—189.
- Foster, Leigh C., to Kaiser Industries Corp. Electronic device. 2,821,656, 1-28-58, Cl. 315—23.
- Foster, Leon V., to Bausch & Lomb Optical Co. Method and means for achromatizing prisms. 2,818,765, 1-7-58, Cl. 88—1.
- Foster, Leslie W.: *See—*
Bandli, John C., and Foster. 2,864,349.
- Foster, Luther M.: *See—*
Miller, Mike A., Foster, and Baker. 2,829,961.
- Foster Machine Co.: *See—*
Cadie, Hubert H. 2,827,243.
Stange, Ferdinand F., and Bullard. 2,844,861.
- Foster, Mitchell E., and A. H. Purcer, to Packing Material Co., Inc. Collapsible container. 2,854,165, 9-30-58, Cl. 217—3.
- Foster, Norman B.: *See—*
Foskett, Laurence W., Foster, Thickstun, and Wood. 2,834,246.
- Foster, Norman M. Proportioning fuel-air valve. 2,861,772, 11-25-58, Cl. 251—208.
- Foster, Raymond F.: *See—*
Gruen, Wolf J., and Foster. 2,825,756.
- Foster, Raymond F., to General Electric Co. Noise cancelling circuit. 2,838,618, 6-10-58, Cl. 179—171.
- Foster, Raymond F., to General Electric Co. Noise elimination in television receiver utilizing noise inverter and amplifier. 2,852,602, 9-16-58, Cl. 173—7.5.
- Foster, Robert E. Nonsynchronous vibrator. 2,842,636, 7-8-58, Cl. 200—90.
- Foster, Robert E., and G. M. Whitman, to E. I. du Pont de Nemours and Co. Polymerization process. 2,851,451, 9-9-58, Cl. 260—94.9.
- Foster, Robert W., 7% to R. Molden and 2½% to A. Fields. Air cooled brake shoe. 2,849,092, 8-26-58, Cl. 188—264.
- Foster, Samuel, Jr., and L. A. Gauthey; said Gauthey assor. to said Foster. Parking apparatus. 2,856,082, 10-14-58, Cl. 214—16.1.
- Foster, Scott H.: *See—*
Fallon, John R., and Foster. 2,859,189.
- Foster, Theodore, to American Steel Foundries. Boring mill table bearing. 2,826,103, 3-11-58, Cl. 77—63.
- Foster, Theodore D.: *See—*
Good, Albert E., and Foster. 2,838,963.
- Foster, Thomas W., to Container Corp. of America. Can carton with handle. 2,830,726, 4-15-58, Cl. 220—112.
- Foster, Thomas W., to Container Corp. of America. Can carton with handle. 2,832,504, 4-29-58, Cl. 220—115.
- Foster, Walter E., to Ethyl Corp. Anionic polymerization process. 2,841,574, 7-1-58, Cl. 260—80.
- Foster Wheeler Corp.: *See—*
Anselmini, Ludwig, and Kenney. 2,855,643.
Artsay, Nicholas C. 2,864,344.
Bliss, Charles. 2,855,903.
Culver, Leonard J. 2,842,104.
Daman, Ernest L. 2,854,961.
Frejacques, Maurice. 2,819,154.
Frisch, Martin. 2,818,837.
Frisch, Martin. 2,854,960.
Hayden, Robert L. J., and Culver. 2,855,756.
Wenz, John. 2,830,377.
- Foster, William P., and C. A. Richardson, to James G. Biddle Co. Vibratory reed device and system employing the same. 2,831,937, 4-22-58, Cl. 200—91.
- Foster, William R.: *See—*
Messenger, Joseph U., Foster, Williams, and Hermes. 2,863,509.
- Foti, Arem, to I-T-E Circuit Breaker Co. Blade latch for disconnect switches. 2,835,770, 5-20-58, Cl. 200—169.
- Foti, Arem, to I-T-E Circuit Breaker Co. In-line jaw. 2,854,553, 9-30-58, Cl. 200—166.
- Foti, Peter. Insulated glove. 2,842,771, 7-15-58, Cl. 2—159.
- Fotis, Peter, Jr.: *See—*
Esmay, Donald L., Fotis, and Johnson. 2,836,633.
- Fotis, Peter, Jr., to Standard Oil Co. Catalytic process for the production of solid polymers of ethylene by the use of lithium. 2,861,983, 11-25-58, Cl. 260—94.9.
- Fotis, Peter, Jr., and D. L. Esmay, to Standard Oil Co. Catalytic process. 2,829,136, 4-1-58, Cl. 260—94.9.
- Fotis, Peter, Jr., and D. L. Esmay, to Standard Oil Co. Mixture of certain metal hydrides with solid acidic promoters as catalysts for aromatic alkylation. 2,852,576, 9-16-58, Cl. 260—671.
- Fotland, Arne, to American Viscose Corp. Fiber cutter. 2,846,004, 8-5-58, Cl. 164—61.
- Fotland, Richard A., to Horizons Inc. Transparent photoconductive composition. 2,844,543, 7-22-58, Cl. 252—501.
- Fotre, Harold C., to The Schoell Mfg. Co., Inc. Protective shield for portable abrading device. 2,835,084, 5-20-58, Cl. 51—170.
- Foulds, Arthur E., to General Electric Co. Regulating device for electric induction apparatus. 2,836,801, 5-27-58, Cl. 336—41.
- Foulds, John P.: *See—*
Beaubien, William H., and Foulds. 2,852,758.
- Foulds, John P., to General Electric Co. Luminaire. 2,833,916, 5-6-58, Cl. 240—25.
- Foulke, Donald G., and O. K. Irgens, to Hanson-Van Winkle-Munning Co. Aluminum etching. 2,839,370, 6-17-58, Cl. 41—42.
- Foulke, Donald G., and O. Kardos, to Hanson-Van Winkle-Munning Co. Electroplating. 2,839,456, 6-17-58, Cl. 204—49.
- Foulke, Donald G., and O. Kardos, to Hanson-Van Winkle-Munning Co. Electroplating. 2,839,457, 6-17-58, Cl. 204—49.
- Foulke, Donald G., and O. Kardos, to Hanson-Van Winkle-Munning Co. Electroplating. 2,839,458, 6-17-58, Cl. 204—49.
- Foulke, Donald G., and O. Kardos, to Hanson-Van Winkle-Munning Co. Electroplating. 2,839,459, 6-17-58, Cl. 204—49.
- Foulke, Donald G., and O. Kardos, to Hanson-Van Winkle-Munning Co. Electroplating. 2,839,460, 6-17-58, Cl. 204—49.
- Foulke, Donald G., and O. Kardos, to Hanson-Van Winkle-Munning Co. Bright cadmium plating. 2,848,393, 8-19-58, Cl. 204—50.
- Foulke, Donald G., and O. Kardos, to Hanson-Van Winkle-Munning Co. Bright copper plating. 2,848,394, 8-19-58, Cl. 204—52.
- Foulke, Ted E.: *See—*
Nash, Nancy E., and Foulke. 2,849,657.
- Foulke, Ted E., to General Electric Co. Glow discharge device. 2,824,985, 2-25-58, Cl. 313—54.
- Foulkes, Edward A.: *See—*
Prior, Hector T., and Foulkes. 2,856,457.
- Foulks, Robert B., to Kaiser Aluminum & Chemical Corp. Apparatus for handling coiled metal stock. 2,857,115, 10-21-58, Cl. 242—79.
- Foundation Equipment Corp.: *See—*
Allmendinger, Jacob, and Weyant. 2,838,120.
- Foundry Equipment Co., The: *See—*
Barnett, Charles H. 2,822,914.
Barnett, Charles H. 2,844,888.
- Foundry Equipment Ltd.: *See—*
Beech, Austin S. 2,835,939.
Beech, Austin S. 2,855,092.
- Foundry Services Ltd.: *See—*
Atterton, David V. 2,850,443.
Bunbury, Frederick M., and Pursall. 2,848,321.
- Fountain, Guy R., T. B. Livingstone, and R. H. Rackham, to Tannoy Ltd. Annular diffusion loudspeaker. 2,820,525, 1-21-58, Cl. 181—27.
- Fouré, Claude, to Office National d'Etudes et de Recherches Aéronautiques O. N. E. R. A. Improvements in combustion chambers for turbo-jet, turbo-prop and similar engines. 2,851,859, 9-16-58, Cl. 60—39.65.
- Fourcy, Jacques C., to Societe Anonyme Preparation Industrielle des Combustibles. Hydraulic motor for a jig. 2,866,441, 12-30-58, Cl. 121—41.

- Fouron, Pierre, and G. Bourret, to Societe Civile d'Etudes Pour Material de Fonderie. Casting machines. 2,835,006, 5-20-58, Cl. 22-93.
- Fouse, Leslie D.: Cleaning tool 2,819,484, 1-14-58, Cl. 15-244.
- Fouse, Samuel S.: *See*—
Reichert, Howard E., and Fouse. 2,824,901.
- Fowell, Alfred H., to Cutter Laboratories. Stable fibrinogen solutions and method for producing same. 2,826,533, 3-11-58, Cl. 167-74.
- Fowler, Adolphus S. Safety stop for moving stairway. 2,846,045, 8-5-58, Cl. 198-16.
- Fowler, Alexander. De-magnetizer for magnetic feed system. 2,820,632, 1-21-58, Cl. 271-18.
- Fowler, Alexander. Control for press brake. 2,840,135, 6-24-58, Cl. 153-21.
- Fowler, Arno W. Electric chime and striking clock. 2,851,850, 9-16-58, Cl. 58-13.
- Fowler, Frank E., and R. J. Minder. Stacker construction. 2,861,671, 11-25-58, Cl. 198-35.
- Fowler, George V. Cleaning apparatus for spinning machine rolls. 2,852,792, 9-23-58, Cl. 15-93.
- Fowler, Gerald L., and R. R. Wilson. Bottle sorter. 2,821,302, 1-28-58, Cl. 209-111.
- Fowler, Harlan D. Boundary layer control system with aerodynamic glove. 2,833,492, 5-6-58, Cl. 244-40.
- Fowler, Howard S., and D. A. J. Millar, to National Research Council. Control of reheat in turbojet engines. 2,844,936, 7-29-58, Cl. 60-356.
- Fowler, Lambuth G. Cotton stripper with fixed stripper comb. 2,830,424, 4-15-58, Cl. 56-34.
- Fowler, Lambuth G. Separators for cotton harvesters. 2,861,298, 11-25-58, Cl. 19-72.
- Fowler, Norman W., and R. F. Pigage, to The Gleason Works. Index mechanism. 2,831,374, 4-22-58, Cl. 74-820.
- Fowler, Robert D., to United States of America, Atomic Energy Commission. Process for production of uranium hexafluoride. 2,859,096, 11-4-58, Cl. 23-14.5.
- Fowler, Robert L.: *See*—
Gibbs, William D., Charles, and Fowler. 2,855,480.
- Fowler, William E., Jr.: *See*—
Gates, John W., Jr., and Fowler. 2,853,457.
Knox, William J., Jr., and Fowler. 2,823,123.
- Fowler, William F., Jr., and R. J. Hellmann, to Eastman Kodak Co. Gelatin-polymeric hydrosol mixtures and photographic articles prepared therefrom. 2,835,582, 5-20-58, Cl. 96-114.
- Fowler, William J., to Chicago Rawhide Mfg. Co. Seal installation tool. 2,860,535, 11-18-58, Cl. 81-8.1.
- Fowler, William M., to Chicago Dietetic Supply House, Inc. Urine sugar testing. 2,865,718, 12-23-58, Cl. 23-230.
- Fowler, William R., 45% to L. R. Holberg. Stabilizer assembly for idler arms of vehicle steering mechanism. 2,856,196, 10-14-58, Cl. 280-95.
- Fowle, Henry D.: *See*—
Hale, Kellen E., and Fowle. 2,840,938.
- Fowle, Wallace R., to A. B. Dick Co. Cylinder separating mechanism for duplicators. 2,860,577, 11-18-58, Cl. 101-218.
- Fowle, Wallace R., J. L. Tregay, and E. H. Du Bois, to A. B. Dick Co. Gripper construction for duplicators. 2,865,289, 12-23-58, Cl. 101-409.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Shielded dielectric wave guides. 2,829,351, 4-1-58, Cl. 333-95.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Grating wave transmission networks. 2,832,054, 4-22-58, Cl. 333-9.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Broad band directional couplers. 2,834,944, 5-13-58, Cl. 333-10.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Guided wave transmission system. 2,844,799, 7-22-58, Cl. 333-31.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Dielectric guide for electromagnetic waves. 2,849,692, 8-26-58, Cl. 333-95.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Non-reciprocal wave transmission component. 2,850,701, 9-2-58, Cl. 333-6.
- Fox, Benjamin. Multi-contact connector. 2,828,474, 3-25-58, Cl. 339-185.
- Fox, Carl E. Safety clutch. 2,857,750, 10-28-58, Cl. 64-30.
- Fox, Dorothy B.: *See*—
Fox, Stanley L. 2,847,007.
- Fox, Douglas P. S., and W. A. Clarks. Bottle filling machines and lift devices therefor. 2,839,095, 6-17-58, Cl. 141-149.
- Fox, Frederick L., to Consolidated Electrodynamics Corp. Vacuum discharge gauge. Re. 24,428, 2-11-58, Cl. 313-7.
- Fox, George M.: *See*—
Haugh, Allen S., and Fox. 2,844,404.
- Fox, Gerold B., F. D. Houser, and D. A. Meeker, to The Hobart Mfg. Co. Vegetable peeler having spray disperser. 2,838,083, 6-10-58, Cl. 146-50.
- Fox, Harold T., to Tension Envelope Corp. of Kansas City. Combination envelope and easel for containing and/or framing pictures and the like. 2,845,733, 8-5-58, Cl. 40-152.1.
- Fox, Herbert C. Shuttle car mechanism. 2,822,937, 2-11-58, Cl. 214-42.
- Fox, Herbert C. Machine and method for withdrawing and replacing railroad ties. 2,828,699, 4-1-58, Cl. 104-9.
- Fox, Homer M.: *See*—
Guth, Eugene D., and Fox. 2,863,786.
- Fox, Homer M., to Phillips Petroleum Co. Bag or bladder flexible at low temperatures. 2,836,963, 6-3-58, Cl. 62-1.
- Fox, Homer M., to Phillips Petroleum Co. Stabilization of heterocyclic oxygen-containing compounds. 2,837,536, 6-3-58, Cl. 260-345.2.
- Fox, Homer M., to Phillips Petroleum Co. Pressure ratio control of gas turbine bypass during acceleration of turbojet engine. 2,858,671, 11-4-58, Cl. 60-39.25.
- Fox, Homer M., to Phillips Petroleum Co. Apparatus for burning fluid fuel in a high velocity air stream with addition of lower velocity air during said burning. 2,860,483, 11-18-58, Cl. 60-39.65.
- Fox, John E.: *See*—
Dailey, Joseph J., and Fox. 2,833,603.
Dailey, Joseph J., and Fox. 2,833,668.
- Fox, John E., to Monsanto Chemical Co. Oxidative dehydrogenation of cyclohexane. 2,833,832, 5-6-58, Cl. 260-668.
- Fox, John E., to Monsanto Chemical Co. Production of chlorinated aliphatic compounds. 2,846,484, 8-5-58, Cl. 260-658.
- Fox, John J., to Westinghouse Electric Corp. Electrical heating apparatus. 2,860,227, 11-11-58, Cl. 219-38.
- Fox, Joseph H. Composite wood and concrete pile. 2,821,069, 11-28-58, Cl. 61-53.
- Fox, Kenneth H., to Bendix Aviation Corp. Dynamoelectric machine cooling. 2,834,897, 5-13-58, Cl. 310-59.
- Fox, Knox P. Pinch valve. 2,825,524, 3-4-58, Cl. 251-8.
- Fox, Martin, to The Seng Co. Lock for revolving chair base. 2,854,065, 9-30-58, Cl. 155-95.
- Fox, Martin, to The Seng Co. Reversible seat for railway cars. 2,858,880, 11-4-58, Cl. 155-99.
- Fox, Nelson S., to United States of America as represented by the Secretary of the Army. Parallax correction circuit. 2,824,692, 2-25-58, Cl. 235-61.5.
- Fox, Oscar M., to Blaw-Knox Co. Furnace structures. 2,820,439, 1-21-58, Cl. 122-499.
- Fox, Paul X. Variable electrical resistances and potentiometers. 2,866,050, 12-23-58, Cl. 201-48.
- Fox Products Co.: *See*—
Godshalk, James B., and Stone. 2,829,705.
Rezek, Gerard. 2,832,046.
- Fox, Ray M., to The Deskfinder Co. Type slug feeding, inking and print control means in address printing machines. 2,860,573, 11-18-58, Cl. 101-57.
- Fox, Richard D., and H. A. Skog, to Food Machinery and Chemical Corp. Fruit orienting method and machine. 2,859,856, 11-11-58, Cl. 198-33.
- Fox, Robert E.: *See*—
Sherman, Roger M., Fox, and Ferrari. 2,827,921.
- Fox, Robert M.: *See*—
Leslie, James D., Fox, and Premo. 2,852,997.
- Fox, Robert M., and R. A. Grout, to General Motors Corp. Water shield for automobile door latch. 2,828,157, 3-25-58, Cl. 296-44.
- Fox, Roy C., and W. S. Lusby, to Westinghouse Electric Corp. Radiation detection phosphor. 2,853,620, 9-23-58, Cl. 250-71.
- Fox, Russell E.: *See*—
Hickam, William M., and Fox. 2,836,790.
- Fox, Russell P.: *See*—
Grulke, Carl A., and Fox. 2,820,730.
- Fox, Samuel S., to United Aircraft Corp. Fuel control for a gas turbine power plant. 2,836,957, 6-3-58, Cl. 60-39.28.
- Fox, Stanley L., deceased, by D. B. Fox, executrix. Fluid handling unit and apparatus. 2,847,007, 8-12-58, Cl. 128-214.
- Fox, William E.: *See*—
Davis, Kenneth, and Fox. 2,828,693.
- Fox, William E. Barrel breaking action for guns. 2,832,167, 4-29-58, Cl. 42-75.
- Fox, William P., to Merriman Bros., Inc. Cable clamp. 2,862,270, 12-2-58, Cl. 24-125.
- Foxboro Co.: *See*—
Babcock, Russell H. 2,858,024.
Bolton, John H. 2,848,576.
Bowditch, H. L., and Olsen.
Cook, Lyman. 2,827,020.
Darling, Horace E. 2,830,242.
Davis, Lincoln K. 2,820,625.
Davis, Lincoln K. 2,824,460.
Haddad, Samir A. 2,851,654.
Haddad, Samir A. 2,851,655.
Olsen, Everett O. 2,825,868.
Olsen, Everett O., and Ricker. 2,866,108.
Smith, Graydon. 2,844,766.
Spink, Leland K. 2,847,850.
Spink, Leland K., and Young. 2,845,121.
- Fox-Williams, Jack, and H. G. Musgrave, to Williams & Williams Ltd. Glazing bar assemblies. 2,838,148, 6-10-58, Cl. 189-78.
- Frabill Mfg. Co.: *See*—
Matras, William F. 2,842,887.
- Fracchia, Simone A.: *See*—
Sarazin, Jean L., Fracchia, and Moneyron. 2,861,013.
- Frachon, Marc, to "C. O. R. E. C. I. Compagnie de Regulation et de Control Industriel." Multiple recording apparatus. 2,837,397, 6-3-58, Cl. 346-46.
- Fracter, Molly. Hair clip. 2,850,022, 9-2-58, Cl. 132-48.

- Fradenburgh, John: *See*—
Cote, Omer E., and Fradenburgh. 2,845,759.
- Fradenburgh, John, to United States Automatic Box Machinery Co. Feeder cut-out for box making machine. 2,865,262, 12-23-58, Cl. 93-36.
- Fraenkel, Stephen J., to Standard Railway Equipment Mfg. Co. Container car. 2,837,036, 6-3-58, Cl. 105-366.
- Fraga, Frank M. Hitch for lift-type implements. 2,850,955, 9-9-58, Cl. 97-47.66.
- Fragen, Nathan, to Standard Oil Co. Cs aromatic hydrocarbon separation. 2,848,518, 8-19-58, Cl. 260-674.
- Fragola, Caesar F., to Sperry Rand Corp. Azimuth reference for high latitudes. 2,855,558, 10-7-58, Cl. 318-489.
- Frahm, Harry: *See*—
Adams, Benjamin H., Frahm, and McGee. 2,824,070.
- Frakes, James H., to Westinghouse Electric Corp. Electrical bushings. 2,853,538, 9-23-58, Cl. 174-12.
- Fraleigh, Alton L. Musical educational board. 2,864,275, 12-16-58, Cl. 84-471.
- Fram Corp.: *See*—
Kennedy, Walter V. 2,824,707.
Kennedy, Walter V. 2,843,268.
- Patron, Joseph H., Sherrill, and Vander Pyl. 2,833,351.
- Whipple, John E. 2,856,076.
- Fram, Paul, C. A. Nielson, and F. Leonard. Reinforced alkyl-acrylate latices and elastomeric resins obtained therefrom. 2,820,718, 1-21-58, Cl. 117-37.
- Fram, Stanley, and A. J. Erikson, to United States of America, Army. Bread dough molding machine. 2,856,869, 10-21-58, Cl. 107-9.
- Frame, George A.: *See*—
Stoneman, Earl G., and Frame. 2,864,765.
- Frame, Kermit P.: *See*—
Gaines, Harold S. 2,832,140.
- Frame, Thomas E., and J. R. Heck, to Westinghouse Electric Corp. Amplifier protective circuit. 2,858,378, 10-28-58, Cl. 179-171.
- Frampton, Kenneth J., and M. Silverberg, to Exclusive Upholstering Co., Ltd. Convertible furniture. 2,834,029, 5-13-58, Cl. 5-47.
- Frampton, Orville D.: *See*—
Feldman, Julian, and Frampton. 2,837,565.
Feldman, Julian, and Frampton. 2,837,566.
- Francar, Gordon J. Method of reconstructing salvable bowling pins. 2,823,714, 2-18-58, Cl. 144-309.
- France, Daniel R. Copper and brass plating brightener. 2,838,448, 6-10-58, Cl. 204-44.
- France, Raymond: *See*—
Lane, Clarence B., France, and Gold. 2,832,687.
- Franceschini, Lorenzo, to Officine Galileo Società per Azioni. Diffusion pump. 2,865,560, 12-23-58, Cl. 230-101.
- Francesco Vismara Società per Azioni: *See*—
Ercoli, Alberto, and de Ruggieri. 2,835,667.
Ercoli, Alberto, and de Ruggieri. 2,847,429.
- Francis, Albert W. Hose nozzles. 2,852,310, 9-16-58, Cl. 299-130.
- Francis, Charles B., and R. B. Porter, deceased (by B. R. Porter and Moxham National Bank, executors). Elongated composite bars. 2,826,419, 3-11-58, Cl. 279-2.
- Francis, Charles E.: *See*—
Armstrong, Jack W., Woods, and Francis. 2,837,170.
- Francis, Geoffrey. Multiple automobile parking device. 2,821,287, 1-28-58, Cl. 198-158.
- Francis, Geoffrey. Carport parking device. 2,821,288, 1-28-58, Cl. 198-158.
- Francis, Geoffrey, to Solution, Inc. Machine for parking automobiles. 2,826,312, 3-11-58, Cl. 214-16.1.
- Francis, John H., to Technicolor Corp. Machine for inserting pins into a perforated ribbon. 2,821,774, 2-4-58, Cl. 29-211.
- Francis, Norman L.: *See*—
Erisman, Maurice J., Francis, and Teichman. 2,840,922.
- Francis, Norman L., to Link-Belt Co. Apparatus for drying and cooling. 2,841,883, 7-8-58, Cl. 34-136.
- Francis, Oscar R. Hair accessory. 2,818,870, 1-7-58, Cl. 132-46.
- Francis, Paul M., to Link-Belt Co. Pusher assembly. 2,839,009, 6-17-58, Cl. 104-172.
- Francis, Robert L., and W. E. Castrey, to International Harvester Co. Articulated radiator shield for center divider of corn picker. 2,860,476, 11-18-58, Cl. 56-119.
- Francis, Walter C., Jr.: *See*—
Greenwood, Marvin H., and Francis. 2,820,474.
- Francis, William C.: *See*—
Hopkins, Thomas R., Francis, and Werner. 2,832,769.
Hopkins, Thomas R., Francis, and Werner. 2,832,770.
- Francis, William C., and T. R. Hopkins, to Spencer Chemical Co. Preparation of alpha-bromo-epsilon-caprolactam from cyclohexanone oxime. 2,832,768, 4-29-58, Cl. 260-239.3.
- Francis, William C., J. R. Thornton, and T. R. Hopkins, to Spencer Chemical Co. Production of alpha, alpha-dichloro-epsilon-caprolactam from cyclohexanone oxime. 2,832,771, 4-29-58, Cl. 260-239.3.
- Francis, William C., F. L. Turbett, and L. C. D. Groenweghe, to Spencer Chemical Co. Methods and compositions for improving clay products. 2,838,410, 6-10-58, Cl. 106-72.
- Francis, William J. Non-solvent anti-corrosive shipbottom composition. 2,838,419, 6-10-58, Cl. 117-74.
- Francis, William L. Cleaner for spinning ring travelers. 2,849,853, 9-2-58, Cl. 57-57.
- Francisco Machinery and Equipment Co.: *See*—
Francisco, Marshall E. 2,858,862.
- Francisco, Marshall E., to Francisco Machinery and Equipment Co. Apparatus for restuffing olives. 2,858,862, 11-4-58, Cl. 146-27.
- Frank, Abraham, R. Simon, and W. R. Keye, to Sperry Rand Corp. Error detection system. 2,857,100, 10-21-58, Cl. 235-61.
- Frank, Adolphe. Brush holder for rotary electric machines. 2,825,831, 3-4-58, Cl. 310-247.
- Frank, Clarence C.: *See*—
Baker, Merle S., and Frank. 2,823,891.
- Frank, Ernest W., to Reeves Soundcraft Corp. Magnetic recording tape. 2,819,186, 1-7-58, Cl. 117-76.
- Frank, George E., to The Imperial Brass Mfg. Co. Valved connector. 2,842,381, 7-8-58, Cl. 284-18.
- Frank, George E., to The Imperial Brass Mfg. Co. Tube clamping means. 2,843,924, 7-22-58, Cl. 29-284.
- Frank, George E., to The Imperial Brass Mfg. Co. Tube flaring tool with frusto conical roller bearing groove. 2,861,623, 11-25-58, Cl. 153-81.
- Frank, Heinz, to Gesellschaft Fuer Teerverwertung m. b. H. Coal tar soft pitch product. 2,861,894, 11-25-58, Cl. 106-279.
- Franken, Jan C.: *See*—
Jonker, Johan L. H., and Franken. 2,825,845.
- Franken, Jan C., to North American Philips Co., Inc. Color television reproducing device. 2,849,647, 8-26-58, Cl. 315-13.
- Franco, Maurice: *See*—
Anderson, Melvin F., and Franco. 2,824,271.
- Francois, Paul. Coupling device for the lifting and transporting of loads. 2,833,562, 5-6-58, Cl. 280-479.
- Francolino, Giuseppe. Dental kit. 2,856,971, 10-21-58, Cl. 141-370.
- Frandson, Warren E., to Voss Belting & Specialty Co. Conveyors. 2,855,091, 10-7-58, Cl. 198-182.
- Franghia, Sava B. Machines for producing containers. 2,848,927, 8-26-58, Cl. 93-60.
- Frank, Alan I., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,864,978, 12-16-58, Cl. 317-148.5.
- Frank, Arthur O., and A. J. Baunach; said Baunach assor. to said Frank. Fleshing tool. 2,847,845, 8-19-58, Cl. 69-20.
- Frank, Charles E., J. F. Nobis, and J. R. Leebick, to National Distillers and Chemical Corp. Synthesis of aliphatic dinitriles and diamines. 2,824,118, 2-18-58, Cl. 260-465.2.
- Frank, Charles E., and I. L. Mador, to National Distillers and Chemical Corp. Dichloro derivatives of conjugated diene dimers and their preparation. 2,832,809, 4-29-58, Cl. 260-654.
- Frank, Charles E., and J. F. Nobis, to National Distillers and Chemical Corp. Manufacture of glycols from conjugated aliphatic diolefins. 2,850,540, 9-2-58, Cl. 260-635.
- Frank, Charles E., and V. L. Hansley, to National Distillers and Chemical Corp. Polyesters and isocyanate reaction products thereof. 2,861,981, 11-25-58, Cl. 260-75.
- Frank, Charles W., to General Telephone Laboratories, Inc. Selecting system utilizing rotary switches. 2,832,835, 4-29-58, Cl. 179-18.
- Frank, Clarence E., to General Motors Corp. Power steering gear of the hydraulic type. 2,827,974, 3-25-58, Cl. 180-79.2.
- Frank, Edmund: *See*—
Kaar, Paul H., and Frank. 2,831,344.
- Frank, George E., to The Imperial Brass Mfg. Co. Valved connector. 2,842,382, 7-8-58, Cl. 284-18.
- Frank, George E., to The Imperial Brass Mfg. Co. Draw-type straightener with clamping means allowing tube to be laterally inserted and removed. 2,843,176, 7-15-58, Cl. 153-32.
- Frank, Gerard A., to Western Electric Co., Inc. Wire forming fixture. 2,828,777, 4-1-58, Cl. 140-71.
- Frank, Gerard A., to Western Electric Co., Inc. Wire handling apparatus. 2,855,045, 10-7-58, Cl. 164-48.
- Frank, Gerard A., and W. J. Tesche, to Western Electric Co., Inc. Machine for separating and dispensing stacked adhesively united articles. 2,849,068, 8-26-58, Cl. 164-84.5.
- Frank, Joseph J. Method of sealing the end of stuffed casings. 2,840,852, 7-1-58, Cl. 17-45.
- Frank, Karl, to Micro Balancing, Inc. Rotor balance testing machine. 2,857,764, 10-28-58, Cl. 73-462.
- Frank, Mark H., to General Motors Corp. Push rod. 2,818,843, 1-7-58, Cl. 123-90.
- Frank, Mark H., to General Motors Corp. Intake valve vent means. 2,865,354, 12-23-58, Cl. 123-90.
- Frank, Mark H., to General Motors Corp. Combustion chamber and method of forming combustion chamber cavities. 2,865,360, 12-23-58, Cl. 123-191.
- Frank, Morris. Anchor hoist and holder. 2,837,050, 6-3-58, Cl. 114-210.
- Frank, Morton A.: *See*—
Ziegler, Eugene R., and Frank. 2,828,935.
- Frank, Paul A.: *See*—
Tenney, William L., Frank, and Knox. 2,857,332.
- Frank, Paul A., to W. L. Tenney. Aerosol generator. 2,858,162, 10-28-58, Cl. 299-86.
- Frank, Raymond G., to F. J. Stokes Corp. Adjustable pressure roll for rotary tablet press having self accommodating bridge. 2,839,015, 6-17-58, Cl. 107-17.
- Frank, Raymond G., to F. J. Stokes Corp. Rotary tablet press. 2,846,723, 8-12-58, Cl. 18-20.

- Frank Refrigeration, Inc.: *See*—
 Frank, Richard E., and Brown. 2,822,745.
 Frank, Richard E., and A. W. Brown, to Frank Refrigeration, Inc. Air conditioner mounting. 2,822,745, 2-11-58, Cl. 98-94.
- Frank, Richard W.: *See*—
 Frank, William P. and R. W. 2,831,246.
- Frank, Robert J., and L. Burke, to Philco Corp. Component-lead straightening machinery. 2,860,686, 11-18-58, Cl. 153-32.
- Frank, Robert L., to Sperry Rand Corp. Automatic frequency control system. 2,819,462, 1-7-58, Cl. 343-103.
- Frank, Robert L., to Sperry Rand Corp. Timing apparatus. 2,823,377, 2-11-58, Cl. 343-103.
- Frank, Robert L. Game board and apparatus. 2,824,739, 2-25-58, Cl. 273-126.
- Frank, Robert L., to Sperry Rand Corp. Multiple pulsed navigation system. 2,835,888, 5-20-58, Cl. 343-103.
- Frank, Robert L., to Sperry Rand Corp. Balanced modulator circuit. 2,842,744, 7-8-58, Cl. 332-47.
- Frank, Robert L., E. Durbin, and W. N. Dean, to Sperry Rand Corp. Automatic gain limiting system for loran receivers. 2,857,594, 10-21-58, Cl. 343-103.
- Frank, Simon, and G. W. Kennerly, to American Cyanamid Co. Method of making formamidinium sulfonic acid. 2,861,099, 11-18-58, Cl. 260-500.
- Frank, Wallace E., and J. J. Boericke, Jr., to The Franklin Institute. Pressure sensing devices. 2,866,141, 12-23-58, Cl. 317-246.
- Frank, Walter W.: *See*—
 Lemmon, Norman E., Cook, and Frank. 2,833,713.
- Frank, Wilhelm: *See*—
 Zellner, Hugo, Frank, Kratz, and Meinecke. 2,822,323.
- Frank, Wilhelm. Window fittings. 2,866,635, 12-30-58, Cl. 268-112.
- Frank, William H.: *See*—
 Platz, Elwood T., Frank, and Herrmann. 2,861,139.
- Frank, William H., E. T. Platz, and J. A. Messing, to I-T-E Circuit Breaker Co. Circuit breaker. 2,835,765, 5-20-58, Cl. 200-116.
- Frank, William H., and E. T. Platz, to I-T-E Circuit Breaker Co. Composite electrical conductor and method and apparatus for producing same. 2,854,074, 9-30-58, Cl. 164-25.
- Frank, William P. and R. W. Automatic can opener. 2,831,246, 4-22-58, Cl. 30-4.
- Frank & Heidecke, Fabrik Photographischer Präzisions-Apparate: *See*—
 Bethmann, Gustav. 2,824,504.
 Bretthauer, Hermann. 2,843,832.
 Heidecke, Reinhold, and Knauf. 2,839,977.
 Weiss, Richard. 2,824,503.
 Weiss, Richard. 2,833,191.
- Franko, Heinz: *See*—
 Plesse, Hans, and Franko. 2,849,912.
- Franko, Norman W.: *See*—
 Brown, George P., Jr., Crowley, and Franko. 2,831,024.
- Franko, Norman W., and M. M. Stewart, to Gulf Research & Development Co. Thermal cracking process employing hydrogen donor. 2,865,836, 12-23-58, Cl. 208-57.
- Franko, Theodore K. Vehicle scale for liquefied gas dispenser. 2,821,854, 2-4-58, Cl. 73-296.
- Frankel Edward. Combination camera and cigarette lighter. 2,854,902, 10-7-58, Cl. 95-12.
- Frankel, Harry: *See*—
 Moskovitz, Milton A. 2,841,428.
 Moskovitz, Milton A. 2,848,260.
 Moskovitz, Milton A. 2,857,190.
- Frankel, Irwin: *See*—
 Wilson, Alexander L., and Frankel. 2,854,359.
- Frankel, Milton B., and K. Klager, to Aerojet-General Corp. N-(carboxyalkyl) dinitro lactams. 2,836,599, 5-27-58, Cl. 260-294.
- Frankel, Morris. Plastic containers with hinged relatively movable parts. 2,845,104, 7-29-58, Cl. 150-5.
- Frankel, Morris. Vehicle road signal. 2,863,416, 12-9-58, Cl. 116-63.
- Franken, Adrianus J. J., and A. Verhoeff, to North American Philips Co., Inc. Apparatus for use with corpuscular rays. 2,845,540, 7-29-58, Cl. 250-49.5.
- Franken, Wilhelm: *See*—
 Schwank, Günther. 2,832,331.
 Schwank, Günther. 2,811,133.
- Frankenburg, Walter G., to General Cigar Co., Inc. Unwinding and cutting machine for rolled-up ribbons. 2,865,449, 12-23-58, Cl. 164-48.
- Frankenburg, Walter G., and A. M. Gottscho, to General Cigar Co., Inc. Production of tobacco sheets. 2,830,596, 4-15-58, Cl. 131-140.
- Frankenstein, William G., to W. P. Frankenstein. Cartons. 2,835,430, 5-20-58, Cl. 229-34.
- Frankenstein, William P.: *See*—
 Frankenstein, William G. 2,835,430.
- Frankenstein, William P. Simulated wheeled toy carton. 2,823,844, 2-18-58, Cl. 229-8.
- Frankenstein, William P. Method and device for erecting cartons. 2,837,982, 6-10-58, Cl. 93-37.
- Frankenstein, William P. Carton. 2,847,154, 8-12-58, Cl. 229-31.
- Frankenstein, William P. Carton. 2,860,823, 11-18-58, Cl. 229-31.
- Frankfurt, Alvin. Carrying case for sanitary napkins. 2,843,170, 7-15-58, Cl. 150-34.
- Frankfurter Arzneimittelfabrik G. m. b. H.: *See*—
 Storbeck, Werner. 2,822,365.
- Frankland, Earl M., to United Aircraft Corp. Mechanical pitch lock. 2,856,012, 10-14-58, Cl. 170-160.32.
- Frankle, Harry R., and P. T. Crane. Machine for printing mailing pieces from duplicating cards. 2,854,920, 10-7-58, Cl. 101-52.
- Frankle, Harry R., and P. T. Crane. Machine and method for printing duplicating cards from typed metal plates. 2,854,921, 10-7-58, Cl. 101-56.
- Franklin, Alan D., and P. A. Parkin, to the United States of America as represented by the Secretary of the Navy. Process for producing granular materials for magnets. 2,827,473, 3-18-58, Cl. 260-439.
- Franklin Balmar Corp.: *See*—
 Delano, Raymond P., Jr. 2,826,311.
- Franklin, Burton P., to The New York Trust Co. and J. H. Baile, trustees. Means for connecting electrodes to conductors. 2,850,712, 9-2-58, Cl. 339-103.
- Franklin, Edmond G.: *See*—
 Polivka, John N., and Franklin. 2,846,940.
- Franklin, Edmond G., and S. W. Holmberg, to General Mills, Inc. Steam iron. 2,833,061, 5-6-58, Cl. 38-77.
- Franklin, Edmond G., S. Holmberg, and F. B. Jewett, Jr., to General Mills, Inc. Steam iron. 2,837,847, 6-10-58, Cl. 38-77.
- Franklin Institute, The: *See*—
 Frank, Wallace E., and Boericke. 2,866,141.
- Franklin, John L.: *See*—
 Bryant, Ellis H., Jr. 2,864,895.
 McCarty, John O. 2,831,927.
- Franklin, John L. Announcing machines. 2,862,065, 11-25-58, Cl. 179-100.2.
- Franklin, Laurence W., and M. J. Reynolds, to The Western Union Telegraph Co. Facsimile telegraph system. 2,843,660, 7-15-58, Cl. 178-5.6.
- Franklin, Leslie U.: *See*—
 Erwin, Marvin E., Franklin, and Gebhart. 2,847,382.
- Franklin, Milo S. Adjustable foldable scaffold. 2,859,066, 11-4-58, Cl. 304-5.
- Franklin, Philip J.: *See*—
 Schwarz, Meyer, and Franklin. 2,844,642.
- Franklin, Philip J., to United States of America as represented by the Secretary of the Army. Method of molding. 2,829,426, 4-8-58, Cl. 29-155.5.
- Franklin, Philip J. Safety device for ordnance fuzes. 2,850,978, 9-9-58, Cl. 102-70.2.
- Franklin, Philip J., and J. E. Sensi, to United States of America. Army. Dispenser for thermosetting materials. 2,847,196, 8-12-58, Cl. 259-8.
- Franklin Sweater Mills, Inc.: *See*—
 Cohen, Albert M. 2,854,669.
- Franklin X-ray Corp.: *See*—
 Schwager, George W., and Hogan. 2,837,307.
- Franko-Filipasic, Borivoj R., to Pittsburgh Plate Glass Co. Ethylenically unsaturated urea compounds, method of making same, and methods of using same. 2,820,020, 1-14-58, Cl. 260-45.4.
- Franko-Filipasic, Borivoj R., to Pittsburgh Plate Glass Co. Resins comprising tetraallylamides of dicarboxylic acids and methods of coating therewith. 2,820,021, 1-14-58, Cl. 260-45.4.
- Franks, Arthur E., and C. S. Houghton, to National Research Corp. Vacuum furnace useful in the production of metals. 2,854,228, 9-30-58, Cl. 266-33.
- Franks, Charles E., to United States Steel Corp. Device for packaging coiled material and the package of coiled material. 2,822,086, 2-4-58, Cl. 206-65.
- Franks, Edward E., and G. H. Froelich, to Torrington Mfg. Co., The. Spring coiling mechanism having a coiling abutment holder operated by a cam operated yoke. 2,820,505, 1-21-58, Cl. 153-65.
- Franks, George A. Pipe testing device. 2,828,620, 4-1-58, Cl. 73-49.6.
- Franks, Gerald N. Seed cotton cleaner. 2,836,856, 6-3-58, Cl. 19-67.
- Franks, Gerald N., to be dedicated to the public. Cotton sampler. 2,859,485, 11-11-58, Cl. 19-156.
- Franks, Norvin H., to Sturdi-Bilt Engineering Co. Shelving unit. Re. 24,535, 9-16-58, Cl. 211-148.
- Franks, Norvin H., to Sturdi-Bilt Steel Products Inc. Wall mounted folding table. 2,843,436, 7-15-58, Cl. 311-18.
- Franquemont, John V., to Union Carbide Corp. Inter-cell seal for multiple cell battery structures. 2,848,526, 8-19-58, Cl. 136-111.
- Fransen, Jacobus, to North American Philips Co., Inc. Device for automatically terminating X-ray exposures. 2,829,273, 4-1-58, Cl. 250-95.
- Fransen, Jacobus, to North American Philips Co., Inc. Diagnostic X-ray apparatus. 2,835,823, 5-20-58, Cl. 250-95.
- Fransen, Jan J. B.: *See*—
 Perdijk, Hendrik J. R., Jr., Fast, and Fransen. 2,855,368.
- Fransson, Fritz V. Heavy calibre training ammunition. 2,837,028, 6-3-58, Cl. 102-41.
- Frant, Martin S., and S. I. Cohen, to Gallowhur Chemical Corp. Quaternary ammonium naphthalene and naphthol sulfonates. 2,865,805, 12-23-58, Cl. 167-32.
- Frantellizzi, Biagio. Automatic control switch for the electric motor winding up a clockwork spring. 2,859,586, 11-11-58, Cl. 58-41.

- Frantz, Charles E., and J. Roslund, to the United States of America as represented by the United States Atomic Energy Commission. Device for conveying and rotating objects. 2,820,367, 1-21-58, Cl. 74-22.
- Frantz, Frederick H., to General Aniline & Film Corp. Separator and conveyor means for light printing machines. 2,822,170, 2-4-58, Cl. 271-64.
- Frantz, Frederick H., to General Aniline & Film Corp. Liquid dispensing apparatus for print developing machines. 2,836,110, 5-27-58, Cl. 95-89.
- Frantz, Frederick H., to General Aniline & Film Corp. Gaseous developing tank construction for diazotype materials. 2,857,831, 10-28-58, Cl. 95-94.
- Frankwick, Edmond J., and R. A. Beu, to Hanau Engineering Co. Inc. Dental apparatus. 2,855,672, 10-14-58, Cl. 32-28.
- Franz, Ada L.: See—
- Franz, Erwin E. 2,821,959.
- Franz, Earl E., and E. E. Franz, Jr. Weed digging tool. 2,843,359, 7-15-58, Cl. 254-132.
- Franz, Earl E., Jr.: See—
- Franz, Earl E., and E. E. Franz, Jr. 2,843,359.
- Franz, Erwin E., deceased, by A. L. Franz, executrix, to Bell Telephone Laboratories, Inc. Mass soldering of electrical assemblies. 2,821,959, 2-4-58, Cl. 118-302.
- Franz, Erwin E., to Bell Telephone Laboratories, Inc. Electrical network assembly. 2,862,992, 12-2-58, Cl. 174-52.
- Franz, Frederick. Sharpener for hypodermic needles. 2,821,051, 1-28-58, Cl. 51-124.
- Franz, Günther, to J. M. Voith, G. m. b. H., Maschinenfabrik. River ferry driven by two sail-wheel propellers. 2,837,049, 6-3-58, Cl. 114-58.
- Franz, James N. Collapsible projection screen. 2,862,552, 12-2-58, Cl. 160-368.
- Franz, Raymond A.: See—
- Applegath, Fred, Barnes, and Franz. 2,857,430.
- Applegath, Fred, and Franz. 2,847,452.
- Applegath, Fred, and Franz. 2,857,392.
- Franz, Thomas J., Jr., to Vickers, Inc. Power transmission. 2,830,259, 4-8-58, Cl. 323-89.
- Franzblau, Abraham and R. M. Sliding window construction. 2,835,934, 5-27-58, Cl. 20-52.2.
- Franzblau, Robert M.: See—
- Franzblau, Abraham and R. M. 2,835,934.
- Franzmann, William H., to The Hamilton Tool Co. Selective gathering and collating machine. 2,829,886, 4-8-58, Cl. 270-10.
- Franzmann, William H., to The Hamilton Tool Co. Machine for making manifold forms. 2,829,887, 4-8-58, Cl. 270-52.
- Franzmann, William H., to The Hamilton Tool Co. Machine for making manifold forms. 2,859,035, 11-4-58, Cl. 271-2.1.
- Frary, Evan A., and D. E. Crooker; said Frary to L. L. Felker. Tire tread. 2,819,751, 1-14-58, Cl. 152-209.
- Frash, Mary E. Folding box construction. 2,841,318, 7-1-58, Cl. 229-33.
- Frash, Mary E. Folding paperboard box construction. 2,852,177, 9-16-58, Cl. 229-15.
- Frash, Mary E. Article packaging wrapper. 2,861,680, 11-25-58, Cl. 206-56.
- Fraser, Kenneth M.: See—
- Schroeder, George O., and Fraser. 2,820,348.
- Fraser and Albin: See—
- Albin, Benjamin D. 2,855,944.
- Fraser, David R.: See—
- Brandt, David E., Jr., Fraser, and Seaman. 2,840,343.
- Fraser, Donald, deceased; G. C. Fraser, executrix, to National Research Council. Whirling icing detector. 2,820,958, 1-21-58, Cl. 340-234.
- Fraser, Gladys C.: See—
- Fraser, Donald. 2,820,958.
- Fraser, Harold M., to Shell Development Co. Production of lubricants. Re. 24,458, 4-15-58, Cl. 252-36.
- Fraser, Ian H.: See—
- Hough, George H., Beck, Jackson, and Fraser. 2,856,554.
- Fraser, Ian R.: See—
- Alexander, Douglas S., and Fraser. 2,852,500.
- Fraser, James, to Speakman Co. Mixing type sink fixture. 2,851,057, 9-9-58, Cl. 137-630.17.
- Fraser, John, to Avery-Hardoll Ltd. Liquid dispensing apparatus. 2,841,191, 7-1-58, Cl. 141-209.
- Fraser, John, to Avery-Hardoll Ltd. Rotary liquid motors. 2,845,048, 7-29-58, Cl. 121-84.
- Fraser & Johnson Co.: See—
- Taylor, Roland R. 2,828,532.
- Fraser, Julius T., to General Precision Laboratory Inc. Microwave frequency modulation transducer. 2,844,724, 7-22-58, Cl. 250-27.
- Fraser, Julius T., to General Precision Laboratory Inc. Microwave switching circuit. 2,848,688, 8-19-58, Cl. 333-7.
- Fraser, Kenneth G.: See—
- Stillwagon, George B., Jr. 2,819,596.
- Stillwagon, George B., Jr. 2,826,052.
- Stillwagon, George B., Jr. 2,839,903.
- Stillwagon, George B., Jr. 2,844,949.
- Fraser Label Co.: See—
- Buhrke, Fred W. 2,844,077.
- Fraser, Lorence W., to the United States of America as represented by the Secretary of the Navy. Oscillator testing apparatus. 2,822,465, 2-4-58, Cl. 250-17.
- Fraser, Reginald P. Liquid atomisers. 2,861,628, 11-25-58, Cl. 158-75.
- Fraser, Robert M., to Fabrica Argentina de Alpargatas S. A. I. C. Moulds for vulcanizing rubber or plastic soles to footwear. 2,820,251, 1-21-58, Cl. 18-34.
- Fraser, Robert T., to Sperry Rand Corp. Electronic pulse timing system. 2,863,052, 12-2-58, Cl. 250-27.
- Fraser, Robert W., to United-Carr Fastener Corp. Fastening device. 2,831,948, 4-22-58, Cl. 200-168.
- Fraser, Robert W., and V. R. Herterick, to United-Carr Fastener Corp. Electrical switch assembly and indicator. 2,863,028, 12-2-58, Cl. 200-167.
- Fraser, William M., to Westinghouse Electric Corp. Molybdenum-cobalt-nickel alloy. 2,860,972, 11-18-58, Cl. 75-176.
- Frask, Arthur C., Co.: See—
- Jantzen, Leif. 2,838,483.
- Frater, George G., to G. B. Lewis Co. Stackable and nestable containers. 2,852,157, 9-16-58, Cl. 220-97.
- Frater, George G., and W. O. Johnson, to G. B. Lewis Co. Separable plastic panel box. 2,823,821, 2-18-58, Cl. 220-4.
- Frater, Milton A. Nesting and stacking container. 2,823,828, 2-18-58, Cl. 220-97.
- Frater, Milton A. Nesting and stacking container. 2,823,829, 2-18-58, Cl. 220-97.
- Fraye, Theodore, to The Goodyear Tire & Rubber Co. Pressure sensing automatic clearance adjuster. 2,835,352, 5-20-58, Cl. 188-73.
- Frazelle, Jay E. Whirling flight toy. 2,837,077, 6-3-58, Cl. 124-16.
- Frazer, Harvey J., to Olin Mathieson Chemical Corp. Blasting cap packages. 2,823,610, 2-18-58, Cl. 102-28.
- Frazier, David, to The Standard Oil Co. Thermal diffusion apparatus. 2,824,647, 2-25-58, Cl. 210-176.
- Frazier, David, to The Standard Oil Co. Thermal diffusion method and apparatus. 2,827,171, 3-18-58, Cl. 210-72.
- Frazier, David, to Standard Oil Co. Thermal diffusion method and apparatus. 2,827,172, 3-18-58, Cl. 210-72.
- Frazier, Mary L.: See—
- Adams, Clyde S., Cormack, and Frazier. 2,828,341.
- Frazier, Pearl G. Self-propelling rotary mower. 2,824,415, 2-25-58, Cl. 56-25.4.
- Frazier, Russell W.: See—
- Wilson, Henry A., and Frazier. 2,831,476.
- Freaney, Thomas E., to Commercial Solvents Corp. Process for production of viomycin. 2,828,245, 3-25-58, Cl. 195-109.
- Freaney, Thomas E., to Commercial Solvents Corp. Process for production of penicillin. 2,830,934, 4-15-58, Cl. 195-36.
- Freaney, Thomas E., and L. P. Allen, to Commercial Solvents Corp. Production of bacitracin. 2,828,246, 3-25-58, Cl. 195-109.
- Frearson, Thomas B.: See—
- Jackson, Kenneth C., and Frearson. 2,819,908.
- Freas, Clark R., and W. S. Graff, to The Electric Storage Battery Co. Storage battery plates. 2,849,519, 8-26-58, Cl. 136-20.
- Freas, Robert R., Jr., and J. P. Eugley, to the United States of America as represented by the Secretary of the Air Force. Coincidence circuit. 2,823,307, 2-11-58, Cl. 250-27.
- Frech, Harry E., Jr.: See—
- Harlow, Ernest L., Frech, and Blaine. 2,859,871.
- Freckling, George F., Jr., and W. H. Haupt, to The Keleket X-Ray Corp. X-ray apparatus. 2,819,406, 1-7-58, Cl. 250-57.
- Fred, Mark S. Wrist band and insert memoranda tape combination. 2,827,309, 3-18-58, Cl. 281-5.
- Fredd, John V., to Otis Engineering Corp. Feeler head for tubing caliper. 2,818,654, 1-7-58, Cl. 33-178.
- Fredd, John V., to Otis Engineering Corp. Well tools. 2,856,003, 10-14-58, Cl. 166-126.
- Fredd, John V., to Otis Engineering Corp. Well tool anchor. 2,856,007, 10-14-58, Cl. 166-214.
- Fredd, John V., to Otis Engineering Corp. Amplifying recorder for tubing calipers. 2,856,257, 10-14-58, Cl. 346-111.
- Fredendall, Gordon L., to Radio Corp. of America. Color television receiver, intermediate frequency amplifier. 2,844,645, 7-22-58, Cl. 178-5.4.
- Fredendall, Gordon L., to Radio Corp. of America. Electrical filter. 2,855,573, 10-7-58, Cl. 333-73.
- Frederick, Alton K., to Coast Oil Co. Toroidal coil winder. 2,850,247, 9-2-58, Cl. 242-4.
- Frederick, Edward R., to the United States of America as represented by the Secretary of the Army. Method of increasing the filling power, etc., of landfowl feathers with magnesium silicofluoride and products produced thereby. 2,821,456, 1-28-58, Cl. 8-94.10.
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- Frederick, Harold M., to Burroughs Corp. Centrifugally responsive actuator. 2,863,655, 12-9-58, Cl. 264-17.
- Frederick, Max, Jr.: See—
- Launder, Ernie L., Loudon, and Frederick. 2,835,786.
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- Frederick, Palmer D. Fishing line and plug retriever. 2,826,849, 3-18-58, Cl. 43-17.2.

- Fredericks, Robert E. Damping control. 2,834,213, 5-13-58, Cl. 74-5.5.
- Fredericks, Zygmunt S.: See—
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- Frederickson, Robert E.: See—
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- Fredholm, Gunnar I.: See—
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- Fredholm, Gunnar I. Ironing machines. 2,862,317, 12-2-58, Cl. 38-2.
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- Fredrick, Arden H., and A. S. Gano, to General Precision Laboratory Inc. Voltage regulated power supply. 2,830,230, 4-8-58, Cl. 321-18.
- Fredrick, Arden H., and J. W. Gray, to General Precision Laboratory Inc. Wind computer. 2,849,184, 8-26-58, Cl. 235-61.
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- Fredrick, Arden H., to General Precision Laboratory Inc. Protective circuit for pulsed microwave generator. 2,864,058, 12-9-58, Cl. 332-5.
- Fredrickson, Charles M.: See—
Dugall, John T., Fredrickson, Holman, and Wohlforth. 2,826,782.
- Fredrickson, Edward A., to Crane Co. Spray-rinse sink construction. 2,848,721, 8-26-58, Cl. 4-166.
- Fredrickson, Gustav O.: See—
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- Fredrickson, Gustav O., to The Superior Electric Co. Voltage regulating apparatus. 2,864,992, 12-16-58, Cl. 323-47.
- Fredrickson, Ralph E. C., to A. E. Staley Mfg. Co. Dextrin starch paste and process of making it. 2,856,307, 10-14-58, Cl. 106-208.
- Fredriksson, Oke A., to California Research Corp. Normal moveout correction with common drive for recording medium and recorder and/or reproducing means. 2,838,743, 6-10-58, Cl. 340-15.
- Fredriksson, Per S. E., to Aktiebolaget Svenska Metallverken. Apparatus for separating and removing metal strips from a pile. 2,830,713, 4-15-58, Cl. 214-8.5.
- Fredriksson, Per S. E., T. G. E. Waenerlund, and T. S. Schölin, to Aktiebolaget Svenska Metallverken. Machines for making cables. 2,833,110, 5-6-58, Cl. 57-14.
- Fredriksson, Per S. E., and O. A. Granström, to Aktiebolaget Svenska Metallverken. Rolling wire from aluminum and its alloys. 2,856,803, 10-21-58, Cl. 80-1.
- Fredriksson, Tord, to Allmanna Svenska Elektriska Aktiebolaget. Stirring winding system for metallurgical furnaces. 2,835,717, 5-20-58, Cl. 13-26.
- Free, Alfred H., to Miles Laboratories, Inc. Composition of matter. 2,848,308, 8-19-58, Cl. 23-253.
- Free, Alfred H. and H. M., to Miles Laboratories, Inc. Method and composition for testing bilirubin in urine. 2,854,317, 9-30-58, Cl. 23-230.
- Free, Helen M.: See—
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- Freeborn, Albert S.: See—
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- Freeborn, William A., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,862,171, 11-25-58, Cl. 321-45.
- Freed, Edward B. Collapsible tube. 2,838,207, 6-10-58, Cl. 222-97.
- Freed, George H., to C. MacMillan. Shingle hold down clip. 2,828,701, 4-1-58, Cl. 108-33.
- Freed, Meier E., to American Home Products Corp. Liquid-cooled seal. 2,819,952, 1-14-58, Cl. 23-292.
- Freder, Herman, to The B. F. Goodrich Co. Testing endless belts for vibration. 2,838,929, 6-17-58, Cl. 73-67.
- Freedlander, Abraham L., to The Dayton Rubber Co. Mattress supporting construction. 2,847,685, 8-19-58, Cl. 5-354.
- Freedman, David G.: See—
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- Freedman, Jerome R., O. Schielelmilch, and H. Sherman, to United States of America, Air Force. Target position indicator. 2,853,701, 9-23-58, Cl. 343-7.7.
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- Freedman, Louis: See—
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- Freedman, Louis, S. L. Shapiro, and K. Geiger, to U. S. Vitamin Corp. Indandione derivatives. 2,842,596, 7-8-58, Cl. 260-592.
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- Freedman, Louis, S. L. Shapiro, and K. Geiger, to U. S. Vitamin Corp. 2-(4-bromophenyl)-1,3-diketohydrindene. 2,847,474, 8-12-58, Cl. 260-590.
- Freedman, Melvin, to Tracerlab, Inc. Pulse amplitude discriminator. 2,821,626, 1-28-58, Cl. 250-27.
- Freedman, Meyer L., to Horizons, Inc. Soldering flux with improved shelf life. 2,827,408, 3-18-58, Cl. 148-23.
- Freedom, Thomas C., to Aircraft-Marine Products. Connector with bonded insulating sleeve and method of making same. 2,855,581, 10-7-58, Cl. 339-218.
- Freedy, Leslie G., to Vanant Co., Inc. Drop testing machine. 2,822,687, 2-11-58, Cl. 73-12.
- Freegard, Ernest M., to General Electric Co. Method of forming wound magnetic cores. 2,840,889, 7-1-58, Cl. 29-155.57.
- Freel, Donald G.: See—
Olson, Carl L., and Freel. 2,861,349.
- Freeland Gauge Co.: See—
Haunert, Joseph G. 2,835,044.
- Freeland, Stanley R.: See—
Bagby, John P., Freeland, and La Rue. 2,841,064.
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- Freeling, Charles T., and L. R. Fitzsimmons, to Product Engineering Co. Folding cart. 2,854,243, 9-30-58, Cl. 280-42.
- Free Lock Corp.: See—
Requa, Roy, and Anderson. 2,846,039.
- Freeman Chemical Corp.: See—
Freeman, Stephen E., 2,838,463.
Freeman, Stephen E., and Gottschalk. 2,824,855.
- Freeman Corp.: See—
Freeman, Horace. 2,855,290.
- Freeman, David A. Garment collar shaping machine. 2,829,809, 4-8-58, Cl. 223-52.1.
- Freeman, Deane M. Broiler. 2,820,446, 1-21-58, Cl. 126-25.
- Freeman, Dennis B.: See—
Jenkins, Herbert A. H., and Freeman. 2,850,417.
- Freeman, Ellsworth J., to O. W. Jolly. Fastener. 2,847,746, 8-19-58, Cl. 24-164.
- Freeman, Frederick: See—
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- Freeman, Gerald R. Apparatus for forming concrete curbs and the like. 2,864,290, 12-16-58, Cl. 94-46.
- Freeman, Harry E.: See—
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- Freeman, Horace, to Freeman Corp. Method of reducing iron oxide to sponge iron. 2,855,290, 10-7-58, Cl. 75-33.
- Freeman, Horace, and J. D. Boudway, to Nichols Engineering and Research Corp. Method and apparatus for treating pulp suspensions and other fluids for removal of undesired particles and gases. 2,849,930, 9-2-58, Cl. 92-28.
- Freeman, Howard G., to Rockwood Sprinkler Co. Foam generating apparatus. 2,829,874, 4-8-58, Cl. 261-76.
- Freeman, Howard G., to Jamesbury Corp. Valve actuating mechanism. 2,853,884, 9-30-58, Cl. 74-105.
- Freeman, Howard G., to Jamesbury Corp. Ball valve casing. 2,855,177, 10-7-58, Cl. 251-367.
- Freeman, J. William: See—
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- Freeman, James H., and L. E. Edelman, to Westinghouse Electric Corp. Etherified phenolic resins. 2,840,542, 6-24-58, Cl. 260-58.
- Freeman, John D., and F. Baranowski, Jr., to General Electric Co. Pneumatic controller. 2,829,663, 4-8-58, Cl. 137-86.
- Freeman, John F., J. W. Smelker, and A. M. Rockwood, to Bond Nail, Inc. Hammer. 2,866,199, 12-30-58, Cl. 1-46.
- Freeman, Leo, to Gruendler Crusher and Pulverizer Co. Apparatus for defiberizing bagasse. 2,825,935, 3-11-58, Cl. 19-90.
- Freeman, Louis G., Co., The: See—
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- Freeman, Louis G., Jr. 2,825,366.
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- Freeman, Lowell O. Adjustable concrete troweling tool. 2,834,199, 5-13-58, Cl. 72-136.
- Freeman Mfg. Co.: See—
Geimer, Cornelius J. 2,854,006.
Walsh, Pearl L. 2,845,064.
- Freeman, Paul E. Knockdown display panel. 2,846,080, 8-5-58, Cl. 211-148.
- Freeman, Peter A. Remote control devices. 2,841,921, 7-8-58, Cl. 46-77.
- Freeman, Ray L.: See—
Pearce, Dixon F., and Freeman. 2,840,116.
- Freeman, Richard A.: See—
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- Freeman, Robert C.: See—
Goetting, Raymond J. 2,857,695.
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Rahmel, Henry A., Freeman, Currey, and Holbrook. 2,833,859.
- Freeman, Roland A.: See—
Scott, James G., Freeman, and Houston. 2,827,263.
- Freeman, Stephen E., to Freeman Chemical Corp. Chloroprene cement having improved adhesive properties. 2,838,463, 6-10-58, Cl. 260-3.5.
- Freeman, Stephen E., and G. W. Gottschalk, to Freeman Chemical Corp. Preparation of epoxide resins. 2,824,855, 2-25-58, Cl. 260-47.
- Freeman, Wilfred A., D. L. Pain, and R. Slack, to May & Baker Ltd. Heterocyclic compounds. 2,827,415, 3-18-58, Cl. 167-33.

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- Freeman, William B. L. Process of making a welt shoe with welt-forming sole. 2,826,770, 3-18-58, Cl. 12—142.
- Freeman, William P., Jr., to John E. Mitchell Co. High velocity heater. 2,853,284, 9-23-58, Cl. 263—19.
- Freeman, William S. Covered hot water bottle. 2,835,301, 5-20-58, Cl. 150—52.
- Freepons, Richard N., to Ames Harris Neville Co. Sleeping bag. 2,830,305, 4-15-58, Cl. 5—343.
- Freer, John G., to Collier Carbon and Chemical Corp. Fluid distribution device. 2,832,368, 4-29-58, Cl. 137—118.
- Freer, Rayner D. Food service unit. 2,844,432, 7-22-58, Cl. 312—228.
- Frees, David: *See*—
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- Freeze, Gerald I., to Phillips Petroleum Co. Apparatus for hydraulic fracturing. 2,836,249, 5-27-58, Cl. 166—115.
- Freeze, William L., to Cocker Machine & Foundry Co. Creel. 2,844,335, 7-22-58, Cl. 242—131.1.
- Frei, Arthur J., to General Motors Corp. Ice block maker. 2,846,855, 8-12-58, Cl. 62—301.
- Frei, Arthur J., Sr., to General Motors Corp. Freezing device. 2,862,370, 12-2-58, Cl. 62—366.
- Frei, Josef, to Societe Anonyme Adolphe Saurer. Cast rotor with hollow helical teeth for rotary compressors. 2,857,779, 10-28-58, Cl. 74—466.
- Freiberg, Albert D. Score board. 2,853,044, 9-23-58, Cl. 116—135.
- Freiberg, Rosalie B.: *See*—
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- Freienmuth, William L., to Vitro Corp. of America. Oscillator frequency control apparatus. 2,848,610, 8-19-58, Cl. 250—36.
- Freifelder, Morris: *See*—
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- Freifelder, Morris, to Abbott Laboratories. Process for preparing monoalkylaminoalkyl alkoxyaminobenzoates. 2,828,329, 3-25-58, Cl. 260—472.
- Freimauer, Sam. Self locking reed sounding unit. 2,819,558, 1-14-58, Cl. 46—117.
- Freise, William G.: *See*—
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- Freismuth, John S., to American Radiator & Standard Sanitary Corp. Thermostats. 2,847,165, 8-12-58, Cl. 236—345.
- Freisz, Lucien L.: *See*—
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- Frejaceques, Jean L. M., and H. M. Guinot, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Production of polychlorobenzenes. 2,852,571, 9-16-58, Cl. 260—650.
- Frejaceques, Maurice, to Foster Wheeler Corp. Apparatus for producing crystalline materials. 2,819,154, 1-7-58, Cl. 23—273.
- Frekkio, Eugene F., to Cornell-Dubilier Electric Corp. Electrolytic capacitor. 2,825,855, 3-4-58, Cl. 317—230.
- Frekkio, Eugene F., to Cornell-Dubilier Electric Corp. Contaminating ion removal. 2,859,161, 11-4-58, Cl. 204—130.
- Fremont, Edward B. Internal combustion engine ignition structure. 2,852,590, 9-16-58, Cl. 123—148.
- Fremont, Jules A. Coin machine slug ejector. 2,829,753, 4-8-58, Cl. 194—101.
- Fremont, Herbert, to Calbest Engineering & Electronics Co. Arc protective mounting for tube socket or the like. 2,861,252, 11-18-58, Cl. 339—193.
- Fremont, Robert S.: *See*—
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- French, Anthony J. Electrical guessing game. 2,844,374, 7-22-58, Cl. 273—1.
- French, Charles K., and R. J. Dunsmoor, to Boeing Airplane Co. Flame-resistant seal for fuel tanks. 2,824,664, 2-25-58, Cl. 220—81.
- French, Clayton V., and E. R. Ihne, to Johns-Manville Corp. Method of manufacturing fiber-cement sheets. 2,859,484, 11-11-58, Cl. 18—60.
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- French, Eric L., to Westinghouse Brake and Signal Co., Ltd. Selenium rectifiers. 2,828,453, 3-25-58, Cl. 317—241.
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- French, Harry H. Electrical connector for printed cards. 2,832,942, 4-29-58, Cl. 339—192.
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- French, Josiah: *See*—
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- French, Louis N., to Phillips Petroleum Co. Electrical well logging. 2,823,349, 2-11-58, Cl. 324—10.
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- French, Michael J., to D. Napier & Son, Ltd. Thrust balanced combustion turbine engines. 2,852,917, 9-23-58, Cl. 60—39.75.
- French, R. T. Co., The: *See*—
Fogelberg, John M. 2,830,911.
- French, Roger, to Thomas French & Sons Ltd. Manufacture of woven ladder webbing. 2,847,039, 8-12-58, Cl. 139—384.
- French, Thomas, & Sons Ltd.: *See*—
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- French, William G., to Aetna Steel Products Corp. Portable partition structures and locking means therefor. 2,863,532, 12-9-58, Cl. 189—34.
- Frenchtown Porcelain Co.: *See*—
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- Frenz, Bruno G.: *See*—
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- Frenzel, Walter. Method and machine for spinning rovings. 2,836,955, 6-3-58, Cl. 57—36.
- Freri, Prospero, to Aerostatica Soc. a. r. l. Illuminating projectiles. 2,828,690, 4-1-58, Cl. 102—35.
- Frerichs, John O., and E. P. Houston, to United States of America, Army. Apparatus for launching revetment mats and cable clamping means therefor. 2,834,186, 5-13-58, Cl. 61—38.
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- Fresard, Marcel, to Mefina S. A. Lock having a sliding bolt. 2,862,381, 12-2-58, Cl. 70—462.
- Fresard, Marcel, and M. Huber, to Mefina S. A. Security locks. 2,829,513, 4-8-58, Cl. 70—364.
- Frese, Albert C., Jr. Aerating and bubbling attachment for hose. 2,862,764, 12-2-58, Cl. 299—76.
- Freshour, Kenneth R.: *See*—
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- Fretz, Ora G. Tremolo-frequency modulator. 2,835,870, 5-20-58, Cl. 332—52.
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- Freudenberg, Carl, Kommanditgesellschaft auf Aktien: *See*—
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- Freudenberg, Werner, to General Aniline & Film Corp. Purification of acylamino carboxylic acids. 2,844,610, 7-22-58, Cl. 260—404.
- Freudenberg, Werner, to General Aniline & Film Corp. Manufacture of acylamino carboxylic acids. 2,844,611, 7-22-58, Cl. 260—404.
- Freund, Herman Richard, deceased (Herman Robert Freund, executor), F. Stadelmann, and C. G. Youngquist, to Harris-Intertype Corp. Centering and quadding mechanism for photocomposing machines. 2,826,973, 3-18-58, Cl. 95—4.5.
- Freund, Herman Robert: *See*—
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- Freund, Rudolf E.: *See*—
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- Freundorfer, Albert, 1/2 to L. Widmann. Shipping and drinking vessel for carbonic gas beverages. 2,819,812, 1-14-58, Cl. 220—29.
- Frevel, Ludo K.: *See*—
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- Frevel, Ludo K., and L. J. Kressley, to The Dow Chemical Co. Preparation of haloethyl haloformates. 2,820,809, 1-21-58, Cl. 260—463.
- Frevel, Ludo K., and L. J. Kressley, to The Dow Chemical Co. Manufacture of haloalkyl haloformates. 2,820,810, 1-21-58, Cl. 260—463.
- Frevel, Ludo K., and J. T. Kummer, to The Dow Chemical Co. Process for recovering gallium from its ores. 2,823,096, 2-11-58, Cl. 23—16.
- Frew, George F., and R. D. Morton. Annular hinged spacer having offset hinge pin. 2,851,917, 9-16-58, Cl. 85—51.
- Frey, Alfred, and K. Peschel, to VEB Leuna-Werke "Walter Ulbricht." Apparatus for converting electrical energy into mechanical energy. 2,836,778, 5-27-58, Cl. 318—190.
- Frey, Edward J., to Borg-Warner Corp. Washing machine drive mechanism. 2,826,055, 3-11-58, Cl. 68—23.
- Frey, Edward J., to General Motors Corp. Ironing machine. 2,830,393, 4-15-58, Cl. 38—60.
- Frey, Edward J., to General Motors Corp. Clothes drier with condenser. 2,856,699, 10-21-58, Cl. 34—75.
- Frey, Elmer W. J. Contractible home. 2,822,212, 2-4-58, Cl. 296—23.
- Frey, Ephraim. Lap tray with adjustable leg-engaging means. 2,844,429, 7-22-58, Cl. 311—25.

- Frey, Erik. Automatic transcriber and composer. 2,842,245, 7-8-58, Cl. 197-20.
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- Frey, Karl, to Gebr. Boehringer G. m. b. H. Apparatus for chamfering the teeth of gears. 2,860,453, 11-18-58, Cl. 51-105.
- Frey, Louis E. Bed spring. 2,832,966, 5-6-58, Cl. 5-248.
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- Frey, Norman E., to Rollohome Corp. Tile laying machine. 2,835,175, 5-20-58, Cl. 94-47.
- Frey, Otto: *See—*
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- Frey, Raymond M., and S. F. Shiraga, to McGraw-Edison Co. Tall oil-phenol-furan resin compositions. 2,848,430, 8-19-58, Cl. 260-19.
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- Freyberger, Donald L.: *See—*
McGibbon, Verdun R., Taylor, Bernard, and Freyberger. 2,827,430.
- Freyberger, Donald L., to Lukens Steel Co. Clad metal pack and method of making the same. 2,843,922, 7-22-58, Cl. 29-187.5.
- Freydl, Frank B. Ventilating attachment for vehicles. 2,853,932, 9-30-58, Cl. 98-2.
- Freyermuth, Harlan B.: *See—*
Bloom, Albert, Freyermuth, and Normington. 2,835,692.
Bloom, Albert, Freyermuth, and Normington. 2,847,440.
- Freyermuth, Harlan B., and W. W. Williams, to General Aniline & Film Corp. Optical bleaching compositions. 2,842,501, 7-8-58, Cl. 252-117.
- Freyermuth, Harlan B., R. D. Jackson, and D. I. Randall, to General Aniline & Film Corp. Dioxazine dyestuffs. 2,845,420, 7-29-58, Cl. 260-246.
- Friang, Henry G.: *See—*
Anthony, Herman R. C., and Friang. 2,826,681.
- Friberg, Vincent P., and S. Tepper, to General Instrument Corp. Multi-band tuner. 2,826,697, 3-11-58, Cl. 250-40.
- Frick, Charles H., to General Motors Corp. Fuel control mechanism. 2,845,915, 8-5-58, Cl. 123-140.
- Frick, Charles H., and V. E. Schafer, Jr., to General Motors Corp. Servo control mechanism for governor. 2,836,410, 5-27-58, Cl. 264-7.
- Frick, Chester A. Sliding door construction. 2,847,726, 8-19-58, Cl. 20-19.
- Frick Co.: *See—*
Garland, Milton W. 2,830,797.
Garland, Milton W. 2,854,828.
- Frick-Gallagher Mfg. Co., The: *See—*
Mount, Edward H. 2,820,533.
Mount, Edward H. 2,820,551.
- Frick, Harold L., to Beace Products Corp. Ironing table construction. 2,822,629, 2-11-58, Cl. 38-111.
- Frick, Harold L., to Beace Products Corp. Iron supporting linkage. 2,832,159, 4-29-58, Cl. 38-30.
- Frick, W. H., Inc.: *See—*
Frick, William H. 2,833,550.
- Frick, William H., to W. H. Frick, Inc. Mobile carriers. 2,833,550, 5-6-58, Cl. 280-47.34.
- Frick, Wolfgang, A. Geldbach, J. Korpium, and F. Sedlacek, to Dr. Ing. Max Schlöter. Method of electrolytically depositing smooth layers of tin. 2,846,381, 8-5-58, Cl. 204-54.
- Frickert, Philip J.: *See—*
Drummond, Warren W., Steitz, and Frickert. 2,834,092.
- Friden Calculating Machine Co., Inc.: *See—*
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- Friden, Inc.: *See—*
Chall, Harold J. 2,832,530.
Chall, Harold J. 2,832,531.
Chall, Harold J. 2,832,533.
Chall, Harold J. 2,832,544.
Chall, Harold J. 2,857,098.
Chall, Harold J., and Balaz. 2,832,532.
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Chall, Harold J., and Silverman. 2,861,739.
Ellerbeck, Grant C. 2,828,913.
Ellerbeck, Grant C. 2,828,914.
Ellerbeck, Grant C. 2,847,163.
Ellerbeck, Grant C. 2,847,164.
Ellerbeck, Grant C. 2,864,559.
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Rolph, Donald L., and McKee. 2,864,554.
- Fridh, Eric: *See—*
Bondeson, Lennart P. B., and Fridh. 2,834,584.
- Fridolph, Annette E. Hange, system for flexible hangings. 2,834,980, 3-20-58, Cl. 16-95.
- Fridolph, Annette E. Clamping device. 2,849,249, 8-26-58, Cl. 287-58.
- Fridolph, Doris I. Matchholder. 2,845,172, 7-29-58, Cl. 206-33.
- Fridolph, John S. Vehicle seat. 2,836,226, 5-27-58, Cl. 155-179.
- Fried, James P., and M. C. Carleton, to Nash Mfg. Co. Drawer for beds. 2,854,676, 10-7-58, Cl. 5-308.
- Fried, Josef: *See—*
Diassi, Patrick A., and Fried. 2,851,470.
Herz, Josef E., and Fried. 2,842,568.
Perlman, David, Dutcher, Fried, and Titus. 2,840,578.
Perlman, David, Dutcher, Fried, and Titus. 2,840,579.
Perlman, David, Dutcher, Fried, and Titus. 2,840,580.
Thomas, Gordon H., and Fried. 2,862,926.
- Fried, Josef, to Olin Mathieson Chemical Corp. $\Delta^{9(9)}$ -steroids and their process of preparation. 2,835,680, 5-20-58, Cl. 260-397.3.
- Fried, Josef, to Olin Mathieson Chemical Corp. Synthesis of steroids. 2,837,544, 6-3-58, Cl. 260-397.45.
- Fried, Josef, to Olin Mathieson Chemical Corp. 2-bromo-9 α -fluorohydrocortisone and 21-esters thereof. 2,848,464, 8-19-58, Cl. 260-397.45.
- Fried, Josef, to Olin Mathieson Chemical Corp. 2-bromo-9 α -fluoro- Δ^4 -pregnene-11 β ,17 α ,21-triol-3,20-dione and 21 esters thereof. 2,848,465, 8-19-58, Cl. 260-397.45.
- Fried, Josef, to Olin Mathieson Chemical Corp. 9 α -halo steroids of the pregnane series and process thereof. 2,852,511, 9-16-58, Cl. 260-239.55.
- Fried, Josef, to Olin Mathieson Chemical Corp. 21-aldo steroids. 2,859,212, 11-4-58, Cl. 260-239.55.
- Fried, Josef, to Olin Mathieson Chemical Corp. Δ^4 ,7,9(11)-pregnatriene-17 α ,21-diol-3,20-dione and process thereof. 2,864,839, 12-16-58, Cl. 260-397.45.
- Fried, Josef, and R. W. Thoma, to Olin Mathieson Chemical Corp. Synthesis of steroids of the 1-dehydrotestolactone series. 2,823,171, 2-11-58, Cl. 195-51.
- Fried, Josef, and G. H. Thomas, to Olin Mathieson Chemical Corp. Synthesis of steroids. 2,831,872, 4-22-58, Cl. 260-397.3.
- Fried, Josef, R. W. Thoma, D. Perlman, and J. R. Gerke, to Olin Mathieson Chemical Corp. Synthesis of steroids. 2,836,608, 5-27-58, Cl. 260-397.4.
- Fried, Josef, and J. E. Herz, to Olin Mathieson Chemical Corp. 21-chloro pregnanes and pregnenes and process. 2,851,455, 9-9-58, Cl. 260-239.55.
- Fried, Josef, D. Perlman, A. F. Langlykke, and E. O. Titus, to Olin Mathieson Chemical Corp. 16 α -hydroxylation of steroids. 2,855,343, 10-7-58, Cl. 195-51.
- Fried, Josef, D. Perlman, A. F. Langlykke, and E. O. Titus, to Olin Mathieson Chemical Corp. 16 oxygenated steroidal compounds. 2,855,410, 10-7-58, Cl. 260-397.4.
- Fried, Josef, and G. H. Thomas, to Olin Mathieson Chemical Corp. 16-halo testosterone and process. 2,857,403, 10-21-58, Cl. 260-397.3.
- Fried, Josef, and J. E. Herz, to Olin Mathieson Chemical Corp. 9 α -fluoro-5 α , 22 α -spirostanes. 2,858,308, 10-28-58, Cl. 260-239.55.
- Fried, Joseph W. Deburring and chamfering tool. 2,853,811, 10-14-58, Cl. 77-73.5.
- Fried, Joseph W. Automatic retractable deburring and chamfering tool. 2,855,812, 10-14-58, Cl. 77-73.5.
- Fried, Krupp Motoren- und Kraftwagenfabriken G. m. b. H.: *See—*
Cambeis, Walter. 2,819,936.
- Fried, Louis. Receptacles and opening means therefor. 2,821,326, 1-28-58, Cl. 220-48.
- Fried, Marvin R., to R. E. Conger. Aquatic device. 2,840,832, 7-1-58, Cl. 9-1.
- Fried, Robert P. Mushroom trimmer. 2,837,131, 6-3-58, Cl. 146-81.
- Fried, Sherman M., to United States of America, Atomic Energy Commission. Separation of neptunium from plutonium by chlorination and sublimation. 2,860,948, 11-18-58, Cl. 23-14.5.
- Fried, William F., Jr., to "Pilotlab." Automatic weight sorting apparatus. 2,849,116, 8-26-58, Cl. 209-121.
- Friedel, Murray. Photocopying and photoprinting apparatus. 2,846,920, 8-12-58, Cl. 88-24.
- Frieden, Alexander: *See—*
Morell, Samuel A., Lipton, and Frieden. 2,844,514.
- Friedenreich, Stanley M. Concealable apparel rack for closets. 2,861,300, 11-25-58, Cl. 20-1.11.
- Frieder, Leonard P.: *See—*
Aileo, Jackson A. 2,855,605.
Aileo, Jackson A., and Frieder. 2,860,343.
- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. Tension releasable fastening device. 2,825,112, 3-4-58, Cl. 24-239.
- Friederich, Herbert: *See—*
Lautenschlager, Hans, Friederich, Henkel, Von Kutepow, Himmele, and Raff. 2,845,451.
Reppe, Walter, Friederich, and Laib. 2,819,304.
Reppe, Walter, Friederich, and Lautenschlager. 2,854,458.
- Friedl, Johann, to P. O. Toheler, doing business under the name Trans-Oceanic. Flexible hub. 2,839,116, 6-17-58, Cl. 152-31.

- Friedl, Reiner: *See*—
Von Linde, Robert, and Friedl. 2,864,960.
- Friedland, Waldo C.: *See*—
Denison, Frank W., Jr., Friedland, and Peterson. 2,834,714.
- Friedland, Waldo C., F. W. Denison, Jr., and M. H. Peterson, to Abbott Laboratories. Culture process for erythromycin A. 2,833,696, 5-6-58, Cl. 193-80.
- Friedlander, Gerhart: *See*—
Seaborg, Glenn T., Friedlander, and Gofman. 2,845,544.
- Friedlander, Herbert N.: *See*—
Field, Edmund, Friedlander, and Juveland. 2,840,551.
- Friedlander, Herbert N., to Standard Oil Co. Catalytic polymerization of alkenes to normally solid polymers. 2,834,768, 5-13-58, Cl. 260-93.7.
- Friedlander, Herbert N., O. O. Juveland, and E. Field, to Standard Oil Co. Process and catalyst for polymerization using polyvalent metal salts and a reducing agent plus a sulfur compound. 2,843,577, 7-15-58, Cl. 260-94.9.
- Friedlander, Josef: *See*—
Levin, Menachem, Friedlander, and Horowitz. 2,820,362.
- Friedlander, Sidney L., to Davis Products Inc. Inflatable mattress. 2,853,720, 9-30-58, Cl. 5-349.
- Friedlander, William, to Mono-Cam Ltd. Fuel injection pumps. 2,818,848, 1-7-58, Cl. 123-139.
- Friedlander, William S.: *See*—
Abblrecht, Arthur H., Friedlander, and Severson. 2,839,513.
- Friedline, Ernest J., to Kennametal Inc. Cutting tools. 2,848,789, 8-26-58, Cl. 29-96.
- Friedman, Andrew J. Silage distributor and supporting structure therefor. 2,834,483, 5-13-58, Cl. 214-17.
- Friedman, Arthur: *See*—
Friedman, Sam and A. 2,842,329.
- Friedman, Bernard L. Universal bracket for cameras. 2,831,412, 4-22-58, Cl. 95-11.5.
- Friedman, Bernard S., and F. L. Morritz, to Sinclair Co. Olefin hydration. 2,830,091, 4-8-58, Cl. 260-614.
- Friedman, Bernard S., and F. L. Morritz, to Sinclair Refining Co. Production of alcohols and ethers. 2,845,463, 7-29-58, Cl. 260-614.
- Friedman, Bernard S., S. H. Patinkin, and W. C. Keith, to Sinclair Refining Co. Catalytic process for preparing a conjugate diene containing 5 to 8 carbon atoms by dehydrating a tertiary alcohol. 2,833,535, 9-23-58, Cl. 260-681.
- Friedman, George J.: *See*—
Friedman, Philip and G. J. 2,839,913.
- Friedman, Herbert. Scintillator. 2,821,633, 1-28-58, Cl. 250-71.
- Friedman, Herbert. Voltage regulator. 2,836,727, 5-27-58, Cl. 250-103.
- Friedman, Herbert, and J. J. Maguire, to J. J. Maguire, trading as J. J. Maguire Co. Spectrochemical analysis device. 2,848,624, 8-19-58, Cl. 250-71.
- Friedman, Ira J.: *See*—
Bouchard, Edward F., Friedman, and Taylor. 2,830,933.
- Friedman, Ira J., E. G. Martin, and R. J. Taylor, to Chas. Pfizer & Co., Inc. Ion exchange purification of basic antibiotics. 2,827,417, 3-18-58, Cl. 167-65.
- Friedman, Isidore: *See*—
Boam, Willard M., Friedman, Paige, Souzis, and Strater. 2,834,101.
- Friedman, Jacob: *See*—
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- Friedman, Jacob T., and M. Foa. Pessary. 2,851,032, 9-9-58, Cl. 128-127.
- Friedman, John Q. Attachments for hand knitting machines. 2,829,509, 4-8-58, Cl. 66-60.
- Friedman, Joseph S., and L. Horwitz, to General Aniline & Film Corp. Fluorescence in photographic emulsions and duplicating process using such fluorescence. 2,865,744, 12-23-58, Cl. 96-27.
- Friedman, Martin J.: *See*—
Bindon, Douglas G., Friedman, and Newhouse. 2,849,703.
- Friedman, Philip and G. J. Door lock closure and assembly. 2,839,913, 6-24-58, Cl. 70-146.
- Friedman, Richard. High-intensity carbon-arc surface heater. 2,850,554, 9-2-58, Cl. 13-1.
- Friedman, Robert, to Doran Brothers, Inc. Ironing device for hat brim. 2,842,297, 7-8-58, Cl. 223-21.
- Friedman, Robert G., to The National Machinery Co. Press control. 2,854,115, 9-30-58, Cl. 192-144.
- Friedman, Sam and A. Combination hanger for hats and jackets. 2,842,329, 7-8-58, Cl. 248-308.
- Friedman, Samuel, to Re-Ly-On Metal Products, Inc. Convertible furniture piece. 2,844,257, 7-22-58, Cl. 211-2.
- Friedman, William: *See*—
Reed, Erwin, and Friedman. 2,836,925.
- Friedmann, Alex. Kommanditgesellschaft: *See*—
Lipinski, Johann. 2,826,267.
- Lipinski, Johann. 2,844,286.
- Friedmann, Yehuda. Method of producing a new material from waste leather. 2,827,413, 3-18-58, Cl. 154-125.
- Friedrich, Albert: *See*—
Rösler, Heinrich G. F., and Friedrich. 2,853,142.
- Friedrich, George J. 50% to G. S. Geary. Boat drive assembly. 2,837,051, 6-3-58, Cl. 115-35.
- Friedrich Kocks G. m. b. H.: *See*—
Severin, Jose. 2,846,895.
- Friedrich, Robert E.: *See*—
Leeds, Winthrop M., Baker and Friedrich. 2,840,670.
- Friedrich, Wilhelm: *See*—
Bernhauer, Konrad, and Friedrich. 2,823,165.
- Friedrich, William W. Internal combustion engine. 2,821,968, 2-4-58, Cl. 123-50.
- Friedrichsmeir, William F. Front gun sight. 2,842,848, 7-15-58, Cl. 33-52.
- Friedrickson, Ralph E. C., to A. E. Staley Mfg. Co. Dextrinization process. 2,845,368, 7-29-58, Cl. 127-38.
- Friedwald, Samuel. Mold frame for use in chocolate manufacture. 2,821,943, 2-4-58, Cl. 107-19.
- Friel, Daniel D., to E. I. du Pont de Nemours & Co. Method of photometric analysis. 2,844,066, 7-22-58, Cl. 88-14.
- Friel, Patrick J., to Sun Oil Co. Manufacture of hydrogen peroxide. 2,842,490, 7-8-58, Cl. 204-156.
- Friend, Albert W., to the United States of America as represented by the Secretary of the War. Control for heat-homing bomb. 2,825,021, 2-25-58, Cl. 318-489.
- Friend, Harvey H., and C. F. Liedke, to the United States of America as represented by the Secretary of the Army. Feeding mechanism for automatic firearm. 2,821,886, 2-4-58, Cl. 89-33.
- Friend, Manuel N., to Borg-Warner Corp. Radioactive reference marker. 2,857,843, 10-28-58, Cl. 102-20.
- Fries, Bernard A., to California Research Corp. Radioactive tracers for pipe lines. 2,835,699, 5-20-58, Cl. 260-504.
- Fries, Friedrich A., and E. Berger, to Chemische Werke Huls Aktiengesellschaft. Method of aerosol disinfection with hydroxy alkyl substituted cyclohexanols. 2,830,929, 4-15-58, Cl. 167-39.
- Fries, Gustav, to J. C. Vredenburg-Inglesby. Electronic camera. 2,834,889, 5-13-58, Cl. 250-49.5.
- Fries, Gustav, to J. C. Vredenburg-Inglesby. Methods of and apparatus for rendering visible magnetic and electric field patterns. 2,839,601, 6-17-58, Cl. 178-6.6.
- Fries, Gustav, to J. C. Vredenburg-Inglesby. Method of and apparatus for recording pictures. 2,839,602, 6-17-58, Cl. 178-6.7.
- Friesen, Henry C. Packet gun barrel cleaner. 2,834,973, 5-20-58, Cl. 15-104.165.
- Friesen, Herbert A.: *See*—
Herider, Elmer A., and Friesen. 2,853,121.
- Friess, Hans, to Siemens & Halske Akt. Apparatus for recording orchestral sound. 2,844,663, 7-22-58, Cl. 179-100.1.
- Friess, Hans, to Siemens & Halske, Akt. Combined sound film and television apparatus. 2,854,528, 9-30-58, Cl. 179-100.11.
- Frink, Frederick W., to Hazeltine Research, Inc. Pulse generator. 2,837,638, 6-3-58, Cl. 250-27.
- Frink, Russell E.: *See*—
Karlicek, Robert F., and Frink. 2,825,007.
- Frink, Russell E., to Westinghouse Electric Corp. Contact structure. 2,849,579, 8-26-58, Cl. 200-146.
- Frink, Russell M., to Calumet & Hecla, Inc. Corrugated tubing. 2,864,591, 12-16-58, Cl. 257-262.23.
- Frisbie, Marshall H., to The A. C. Gilbert Co. Controllable reversing system for toy train control. 2,840,007, 6-24-58, Cl. 104-151.
- Frisby, Thomas M.: *See*—
James, William G., Frisby, and Hamman. 2,819,040.
- Frisch, Franz, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Mono-azo dyestuffs. 2,837,508, 6-3-58, Cl. 260-196.
- Frisch, Kurt C.: *See*—
Kary, Roland M., and Frisch. 2,863,893.
- Frisch, Kurt C., and R. M. Kary, to E. F. Houghton and Co., and American Smelting and Refining Co. Pyrrol silicon compounds and their preparation. 2,845,435, 7-29-58, Cl. 260-313.
- Frisch, Martin, to Foster Wheeler Corp. Vapor generator. 2,818,837, 1-7-58, Cl. 122-240.
- Frisch, Martin, to Foster Wheeler Corp. Vapor generating apparatus. 2,854,960, 10-7-58, Cl. 122-441.
- Frischnecht, Hans, to Sulzer Freres, Societe Anonyme. Molds for casting disc-shaped bodies. 2,845,667, 8-5-58, Cl. 22-113.5.
- Frischman, Karl: *See*—
Leitz, Ludwig, and Frischman. 2,845,842.
- Frisk, Knut O., to N. B. S. Persson. Crane for trucks. 2,828,867, 4-1-58, Cl. 212-35.
- Fritsch, Helmut: *See*—
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- Fritts, Charles J., to Socony Mobil Oil Co., Inc. Flanging tool. 2,823,418, 2-18-58, Cl. 18-19.
- Fritts, Robert W., and S. Karer, to Minnesota Mining and Mfg. Co. Thermoelectric generator. 2,858,350, 10-28-58, Cl. 136-4.
- Fritts, Wilfred G. Slab debarker having bark-abrading elements mounted on rotatable resilient disk. 2,865,414, 12-23-58, Cl. 144-208.
- Fritz, Conrad M., and J. A. Baker, to P. S. Allen. Drive unit incorporating backlash eliminator means. 2,852,945, 9-23-58, Cl. 74-24.
- Fritz, Earle: *See*—
Steiner, Charles S., and Fritz. 2,835,682.
- Fritz, Eugene J., to General Motors Corp. Fastener means for vehicle gas tank. 2,846,231, 8-5-58, Cl. 280-5.
- Fritz, Everett J.: *See*—
Fritz, Jay B. and E. J. 2,830,852.

- Fritz, Henry E., to Union Carbide Corp. Mannich base synthesis of bisphenols. 2,839,586, 6-17-58, Cl. 260-619.
- Fritz, Jay B. and E. J. Scaffold jack. 2,830,852, 4-15-58, Cl. 304-10.
- Fritz, Martin, to Daimler-Benz Akt. Connecting rods for internal combustion engines particularly high-speed automobile engines. 2,860,527, 11-18-58, Cl. 74-588.
- Fritze, Marvin E., $\frac{1}{2}$ to J. C. Fennelly Co., and $\frac{1}{2}$ to D. E. Hilliard. Sandblasting tool. 2,821,814, 2-4-58, Cl. 51-11.
- Fritzing, George H. Scissors cutters. 2,836,241, 5-27-58, Cl. 164-43.
- Fritzing, George H., to McGraw-Edison Co. Mounting of sheet records. 2,851,328, 9-9-58, Cl. 346-138.
- Fritzsche, Roland W. Self compensating flow regulator. 2,853,098, 9-23-58, Cl. 137-517.
- Friz, Walter: *See*—
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Klein, Werner, and Friz. 2,843,789.
Klein, Werner, and Friz. 2,857,547.
- Frizzell, James O., 10% to R. A. Dennison. Folding cardboard box and fasteners therefor. 2,828,905, 4-1-58, Cl. 229-45.
- Frizell, John S., and W. Stubbs, to Pittsburgh Reflector Co. recessed lighting fixture. 2,846,569, 8-5-58, Cl. 240-51.11.
- Frobel, Artur, to Olympia Werke A. G. Carriage drive. 2,851,122, 9-30-58, Cl. 197-176.
- Fröberger, Charles F., to General Motors Corp. Shell molds. 2,861,307, 11-25-58, Cl. 22-193.
- Frödermann, Wilhelm, to F. Meyer & Schwabedissen. Rotary cutter head with slotted cutter. 2,822,839, 2-11-58, Cl. 144-230.
- Froehlich, Harold E., to General Mills, Inc. Captive balloon. 2,864,569, 12-16-58, Cl. 244-33.
- Froehlich, Harold E., to General Mills, Inc. Balloon gondola assembly. 2,865,581, 12-23-58, Cl. 244-127.
- Froehlich, Kurt, to Nordberg Mfg. Co. Two-cycle scavenging system. 2,859,739, 11-11-58, Cl. 123-65.
- Froehlich, Gustave H.: *See*—
Franks, Edward E., and Froehlich. 2,820,505.
- Frog Switch & Mfg. Co., The: *See*—
Smith, Forrest E. 2,826,371.
- Froggatt, William H., L. Tacke, and W. J. Conniff, to Shoup-Owens, Inc. Container. 2,822,970, 2-11-58, Cl. 229-14.
- Frohlich, Adolf H., and E. J. Harris, to The Cleveland Trust Co., as trustee. Apparatus for shaping and vulcanizing pneumatic tires. 2,848,740, 8-26-58, Cl. 18-17.
- Frohlich, Willy O. Marine propelling and steering mechanism. 2,834,313, 5-13-58, Cl. 115-85.
- Frohman, Stanley H., to Research Products Corp. Gas filter and adhesive therefor. 2,865,466, 12-23-58, Cl. 183-44.
- Froitzheim, Max: *See*—
Lang, Karl F., and Froitzheim. 2,823,239.
- Frola, Joseph F., to Westinghouse Air Brake Co. Load brake mechanism. 2,858,167, 10-28-58, Cl. 303-22.
- Frola, Joseph F., and H. C. May, to Westinghouse Air Brake Co. Brake mechanism with automatic slack adjustment. 2,833,381, 5-6-58, Cl. 188-198.
- From, Owen C., L. B. Haigh, and A. N. Gulnick, to International Telephone and Telegraph Corp. Telephone ringing generator. 2,850,655, 9-2-58, Cl. 310-190.
- Fromberg, Aaron J., to Fromberg, Inc. Tubeless tire repair plug applicator. 2,828,657, 4-1-58, Cl. 51-15.7.
- Fromberg, Aaron J. Plug. 2,828,791, 4-1-58, Cl. 152-370.
- Fromberg, Inc.: *See*—
Fromberg, Aaron J. 2,828,657.
- Fromm, Ellsworth H.: *See*—
Schirmer, Robert M., and Fromm. 2,827,761.
- Fromm, Fred, to Berlin & Jones Co., Inc. Envelope. 2,840,295, 6-24-58, Cl. 229-70.
- Fromm, Fred, to Berlin & Jones Co., Inc. Envelope. 2,840,296, 6-24-58, Cl. 229-70.
- Fromm, Fred, and C. S. Watson, to Berlin & Jones Co., Inc. Bank by mail envelope. 2,858,061, 10-28-58, Cl. 229-70.
- Fromm, Leonard W., Jr., to United States of America, Atomic Energy Commission. Remote retrieving tool. 2,848,266, 8-19-58, Cl. 294-19.
- Fromme, Earl F. Forced air heater. 2,856,915, 10-21-58, Cl. 126-110.
- Fromme, Werner A. W.: *See*—
Scheffter, Helmut K. H., Fromme, and Vrstil. 2,849,103.
- Frommel, Edouard: *See*—
Melkonian, Diran, and Gold. 2,837,533.
- Frommer, Joseph C., to Electric Eye Equipment Co. Automatic correction device. 2,840,371, 6-24-58, Cl. 271-2.6.
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- Fronrath, Warren C. Dry cleaning machine. 2,829,450, 4-8-58, Cl. 38-2.
- Froot, Mark L., to Doralaine Corp. Apparatus for making one piece hollow articles of thermo plastic material. 2,819,490, 1-14-58, Cl. 18-20.
- Frösch, Friedrich: *See*—
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- Frosst, Charles E., & Co.: *See*—
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- Frost, Albert E.: *See*—
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- Frost, Douglas V., to Abbott Laboratories. Animal feed composition. 2,827,377, 3-18-58, Cl. 99-4.
- Frost, Frederick H.: *See*—
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- Frost, Harry W., Jr. Cigarette filter construction. 2,863,461, 12-9-58, Cl. 131-10.
- Frost, John C. M., to A. V. Roe, Canada Ltd. Cellular fuel tank. 2,850,083, 9-2-58, Cl. 158-46.
- Frost, John R., to The Dow Chemical Co. Process for preparation of filamentary articles from polymer latexes. 2,858,186, 10-28-58, Cl. 18-54.
- Frost, Leon J., to National Lead Co. Electric furnace product. 2,849,305, 8-26-58, Cl. 51-307.
- Frost, Randolph R., and J. F. Adams, to General Electric Co. Signal modulating system. 2,862,187, 11-25-58, Cl. 332-37.
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- Fruehauf, Ernest: *See*—
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- Fruehauf, Roy R.: *See*—
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- Fruehauf Trailer Co.: *See*—
Erickson, Paul N., and Locker. 2,851,283.
Keir, John B. 2,854,162.
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- Sheppard, Charles B., and Tenenbaum. 2,831,700.
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- Fruendt, Adel J. Automatically actuated flotation device. 2,840,833, 7-1-58, Cl. 9-9.
- Fruengel, Frank. Device for ultrasonic treatment of molten metal. 2,820,263, 1-21-58, Cl. 22-86.
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- Fruhbusch, Heinrich: *See*—
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- Fruit Industries Research Foundation: *See*—
Baum, Alvan. 2,827,082.
- Frulla, Floro F.: *See*—
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- Frumkin, Raphael: *See*—
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- Frush, Charles O. Hog feeder. 2,830,557, 4-15-58, Cl. 119-54.
- Fruth, Hal F., to Radio Kemetal Industries, Inc. Apparatus for making capacitors. 2,854,796, 10-7-58, Cl. 51-73.
- Fruth, Hal F. Electrical resistor. 2,856,494, 10-14-58, Cl. 201-63.
- Fruth, Hal F. Method of loosening and conditioning a stack of sheets. 2,856,697, 10-21-58, Cl. 34-16.
- Fruth, Hal F., and H. S. Miller. Frame for electric precipitators. 2,852,092, 9-16-58, Cl. 183-7.
- Fry, Alec. Cast iron pipe cutter. 2,825,130, 3-4-58, Cl. 30-92.
- Fry, Benjamin W., to National Vendors, Inc. Article dispensing apparatus. 2,834,512, 5-13-58, Cl. 221-131.
- Fry, Benjamin W., to National Vendors, Inc. Coin apparatus. 2,858,921, 11-4-58, Cl. 194-57.
- Fry, Carl L.: *See*—
Wald, John R., Jr., Wilson, and Fry. 2,861,643.
- Fry, Clair V., to Brown & Bigelow. Car visor calendar. 2,839,860, Cl. 40-121.
- Fry, Douglas J., B. A. Lea, and J. D. Kendall, to Ilford Ltd. Merocyanine dyes. 2,865,917, 12-23-58, Cl. 260-240.4.
- Fry, Francis J., to United States of America, Navy. Ultrasonic transducer. 2,863,075, 12-2-58, Cl. 310-8.1.
- Fry, Frank J., to University of Illinois Foundation. Coupling means. 2,852,019, 9-16-58, Cl. 128-24.
- Fry, George H., Jr.: *See*—
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- Fry, Horace P., Jr., to American Viscose Corp. Method for indicating the termination of a yarn cake winding. 2,825,624, 3-4-58, Cl. 18-54.
- Fry, Horace P., Jr., and L. B. Cundiff, to American Viscose Corp. Method and apparatus for drying flexible sheet material. 2,837,830, 6-10-58, Cl. 34-23.
- Fry, Millard E., to General Motors Corp. Domestic appliance. 2,824,941, 2-25-58, Cl. 219-20.

- Fry, Millard E., to General Motors Corp. Domestic appliance. 2,828,399, 3-25-58, Cl. 219-20.
- Fry, Millard E., to General Motors Corp. Domestic appliance. 2,831,956, 4-22-58, Cl. 219-43.
- Fry, Millard E., to General Motors Corp. Domestic appliance. 2,836,698, 5-27-58, Cl. 219-37.
- Fry, Millard E., and J. L. Evans, to General Motors Corp. Domestic appliance. 2,851,029, 9-9-58, Cl. 126-39.
- Fry, Percy M. Direct work calculator. 2,834,547, 5-13-58, Cl. 235-88.
- Fry, Reginald S., to Camco (Machinery) Ltd. Paper sheet handling machinery. 2,821,392, 1-28-58, Cl. 271-87.
- Fry, Sedgwick T., to Tele-Dynamics Inc. Commutator device. 2,852,628, 9-16-58, Cl. 200-24.
- Fry, Vern K. Power drive suitable for airplanes and helicopters. 2,835,332, 5-20-58, Cl. 170-135.28.
- Fryar, Jewel E., Jr., to National Guard Products, Inc. Adjustable threshold. 2,837,786, 6-10-58, Cl. 20-64.
- Fryburger, Vernon R., to The United States Printing & Lithograph Co. Folding carton. 2,828,008, 3-25-58, Cl. 206-65.
- Fryckholm, William R., to Gadget-Of-The-Month Club, Inc. Adjustably extendable and lockable table leg or the like. 2,831,739, 4-22-58, Cl. 311-39.
- Frye, Cecil L., to Dow Corning Corp. Hydroxy-alkoxylated organosilicon compounds. 2,842,522, 7-8-58, Cl. 260-46.5.
- Frye, Charles F. Valve. 2,841,174, 7-1-58, Cl. 137-514.5.
- Frye, Clifton G., to Pan American Petroleum Corp. Method for determining recycle to hydrocarbon synthesis reactor. 2,833,503, 5-6-58, Cl. 260-449.6.
- Frye, Colin M., to Dowty Hydraulic Units Ltd. Self-sealing couplings. 2,821,412, 1-28-58, Cl. 284-18.
- Frye, Colin M., to Dowty Mining Equipment Ltd. Hydraulic roof supports and conveyor feed jacks. 2,859,022, 11-4-58, Cl. 262-1.
- Fryer, Kenneth W., and E. Handler. Cap gun mechanism. 2,845,739, 8-5-58, Cl. 42-57.
- Fryer, Edward R.: See—
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- Frying Systems, Inc.: See—
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- Fryklund, Robert A., to Raytheon Mfg. Co. Echo ranging devices. 2,825,884, 3-4-58, Cl. 340-3.
- Fryklund, Robert A., to Raytheon Mfg. Co. Recording echo-ranging devices. 2,827,619, 3-18-58, Cl. 340-3.
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- Fryklund, Robert A., to Raytheon Mfg. Co. Depth sounding devices. 2,846,288, 8-5-58, Cl. 346-74.
- Fryklund, Robert A., to Raytheon Mfg. Co. Transducer mounting system. 2,856,021, 10-14-58, Cl. 180-5.
- Fryklund, Robert A., to Dresser Industries, Inc. Differential transformer. 2,862,193, 11-25-58, Cl. 336-119.
- Frykman, Oscar G., and D. A. Laurie, to Minneapolis-Honeywell Regulator Co. Cytoscopic apparatus. 2,822,695, 2-11-58, Cl. 74-5.6.
- Fryth, Peter W., and C. W. Waller, to American Cyanamid Co. 3-aminoribose and method for its preparation. 2,839,525, 6-17-58, Cl. 260-211.
- Fubini, Eugene G., to The United States of America as represented by the Secretary of the Navy. Electromagnetic deflection system. 2,820,175, 1-14-58, Cl. 315-27.
- Fucci, Salvatore. Antennas. 2,821,709, 1-28-58, Cl. 343-79.3.
- Fuchs, Alfred L., Jr.: See—
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- Fuchs, Francis J., Jr., to Western Electric Co., Inc. Universal bending mandrel utilizing connecting cable. 2,825,386, 3-4-58, Cl. 153-63.
- Fuchs, Francis J., Jr., to Western Electric Co., Inc. Method and apparatus for producing seamless sharp bends in wave guide tubing to replace mitered soldered bends. 2,835,306, 5-20-58, Cl. 153-21.
- Fuchs, Francis J., Jr., to Western Electric Co., Inc. Boosting mechanism for bending wave guide tubing with controlled neutral axis. 2,837,137, 6-3-58, Cl. 153-40.
- Fuchs, Francis J., Jr., and H. L. Haneline, to Western Electric Co., Inc. Apparatus for forming and dimpling bends in tubing. 2,832,393, 4-29-58, Cl. 153-2.
- Fuchs, Francis J., Jr., and R. C. Taylor, to Western Electric Co., Inc. Punch and die mechanism for forming sharp corners in wave guides. 2,835,151, 5-20-58, Cl. 78-60.
- Fuchs, Martin: See—
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- Fuchs, Oszkar: See—
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- Fuchs, Otto: See—
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- Fuchs, Otto, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Solution of terephthalate polyester. 2,830,030, 4-8-58, Cl. 260-32.4.
- Fuchs, Otto, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Amine solutions of high molecular polyesters. 2,840,536, 6-24-58, Cl. 260-32.6.
- Fuchs, Otto, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Solution of polyethylene terephthalate in O-nitrobenzaldehyde and process of preparation. 2,861,049, 11-18-58, Cl. 260-32.4.
- Fuchs, Otto, and A. Staller, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Solutions and swollen masses of polymerized trifluorochlorethylene. 2,851,462, 9-9-58, Cl. 260-29.8.
- Fuchs, Otto, S. Sommer, and H. Hoyer, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Polytrifluorochloroethylene compositions. 2,856,377, 10-14-58, Cl. 260-29.8.
- Fuchs, Otto, and H. Jockusch, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Process of purifying terephthalic acid. 2,862,963, 12-2-58, Cl. 260-525.
- Fuchs, Otto, A. Staller, and R. Schaff, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Solutions of polytrifluorochloroethylene. 2,863,844, 12-9-58, Cl. 260-30.2.
- Fuchs, Otto, K. G. Metallwerke: See—
Rosenkranz, Wilhelm. 2,822,994.
- Fuchs, Theophil: See—
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- Fuchs, Warren J., E. S. Roberts, and R. D. Rayfiel, to Chemical Construction Corp. Purification of gases by partial condensation. 2,866,321, 12-30-58, Cl. 62-13.
- Fuchsmann, Charles H., to Columbia-Southern Chemical Corp. Method of recovering ammonia from ammonium chloride. 2,823,981, 2-18-58, Cl. 23-193.
- Fuehrer, George H., to Thor Power Tool Co. Drilling apparatus. 2,820,611, 1-21-58, Cl. 255-51.
- Fuehrer, George H., to Thor Power Tool Co. Wagon drill. 2,820,612, 1-21-58, Cl. 255-51.
- Fuelcharger Corp.: See—
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- Fuerst, Bernard W., to E. De Groot. Device for launching and housing boat anchors. 2,853,039, 9-23-58, Cl. 114-210.
- Fuerst, Carl: See—
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- Fuerst, Carl, to Gleitsman's Inc. Adjustable ottoman. 2,838,098, 6-10-58, Cl. 155-169.
- Fuerst, Carl C., to Eastman Kodak Co. Two-blade swinging shutter for camera. 2,827,839, 3-25-58, Cl. 95-58.
- Fuest, John. Dental pliers. 2,848,812, 8-26-58, Cl. 32-62.
- Fugate, Wesley O.: See—
Tribbit, Samuel W., Fugate, and Dixon. 2,863,884.
- Fuge, Harry B., and E. P. Turner, to The Singer Mfg. Co. Power tables and controls. 2,819,779, 1-14-57, Cl. 192-18.
- Fuglie, Elmer A., to Winona Tool Mfg. Co. Non-sticking leak-proof valve. 2,845,248, 7-29-58, Cl. 251-175.
- Fuglie, Elmer A., to Winona Tool Mfg. Co. Rotary crank-shaft grinder. 2,865,150, 12-23-58, Cl. 51-241.
- Fuhrke, Hartmut, to Daimler-Benz Aktiengesellschaft. Valve control for internal combustion engines. 2,821,178, 1-28-58, Cl. 123-90.
- Fuhrmann, John, and J. B. Stauss. Material conveying lift truck. 2,836,315, 5-27-58, Cl. 214-390.
- Fuis, Frank, Jr.: See—
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- Fujii, Kazuo: See—
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- Fujimaki, Itsuo: See—
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- Fujioka, Shogo: See—
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- Fujisaki, Yoshisato, and H. Kobayashi, to Asahi Kasei Kogyo Kabushiki Kaisha. Compositions comprising acrylonitrile polymers and diamides. 2,843,558, 7-15-58, Cl. 260-32.6.
- Fujishige, Hatsujiro. Tippler apparatus. 2,826,315, 3-11-58, Cl. 214-52.
- Fujiwara, Masaru: See—
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- Fujiwara, Motonori, H. Watanabe, T. Matsukawa, S. Yurugi, T. Iwatsu, and H. Kawasaki, to Takeda Pharmaceutical Industries, Ltd. Compounds with vitamin B₁-like activity and the preparation thereof. 2,833,768, 5-6-58, Cl. 260-256.5.
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- Fulghum, Oscar T. Log-debarking machine. 2,841,195, 7-1-58, Cl. 144-208.
- Fulk, Chester K. Air control device. 2,831,638, 4-22-58, Cl. 236-49.
- Fulkerson, Brazelton: See—
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- Fulkerson, William S., 1/2 to M. Horwitz. Method of removing foreign coatings from tinplate and the like. 2,854,361, 9-30-58, Cl. 134-30.
- Fullmann, John, to The Cooper-Bessemer Corp. Turbo-charging of two-cycle engines. 2,858,666, 11-4-58, Cl. 60-13.
- Fuller Brush Co., The: See—
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- Fuller, Calvin S., to Bell Telephone Laboratories, Inc. Method of fabricating a P-N junction. 2,819,191, 1-7-58, Cl. 148-1.5.
- Fuller, Calvin S., to Bell Telephone Laboratories, Inc. Methods of fabricating semiconductor signal translating devices. 2,829,422, 4-8-58, Cl. 29-25.3.
- Fuller, Calvin S., to Bell Telephone Laboratories, Inc. Manufacture of semiconductor devices. 2,836,523, 5-27-58, Cl. 148-1.5.
- Fuller, Calvin S., and H. Reiss, to Bell Telephone Laboratories, Inc. Treatment of semiconductive bodies. 2,819,990, 1-14-58, Cl. 148-1.5.

- Fuller, Calvin S., and M. Tanenbaum, to Bell Telephone Laboratories, Inc. Fabrication of semiconductive devices. 2,861,018, 11-18-58, Cl. 148-1.5.
- Fuller, Clarence W. Soap dishes. 2,822,640, 2-11-58, Cl. 45-28.
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- Fuller, Fred H., to Boeing Airplane Co. Gauges for individual turbine blades. 2,839,836, 6-24-58, Cl. 33-174.
- Fuller, George C., to United Shoe Machinery Corp. Magnetic gage blocks. 2,827,706, 3-25-58, Cl. 33-168.
- Fuller, Glenwood A., to AMP Inc. Insulated wire end terminal. 2,845,606, 7-29-58, Cl. 339-276.
- Fuller, Granville D. Selective three-position plant cover. 2,851,822, 9-16-58, Cl. 47-29.
- Fuller, Homer H., to Roofing Machinery Mfg. Co. Double pan shingle take-off for machine for making roofing shingles. 2,821,123, 1-28-58, Cl. 93-93.
- Fuller, Ira L. Adjustable lamp shade. 2,857,509, 10-21-58, Cl. 240-108.
- Fuller, James D., and C. C. Terry. Garment hanger. 2,846,128, 8-5-58, Cl. 223-91.
- Fuller, John S.: *See*—
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- Fuller, Mack E.: *See*—
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- Fuller, Mack F., to E. I. du Pont de Nemours and Co. Preparation of odor-free cellular polyvinylchloride with dinitrosopentamethylenetetramine. 2,824,076, 2-18-58, Cl. 260-2.5.
- Fuller, Norman E., to Royal Jet, Inc. Magnetic float switch. 2,851,566, 9-9-58, Cl. 200-84.
- Fuller, Robert E. Photographic developer. 2,825,647, 3-4-58, Cl. 96-66.
- Fuller, Roger E., and L. E. Henderson. Hydraulically operated drilling platform. 2,852,111, 9-16-58, Cl. 189-11.
- Fullerton, John R., L. E. Leech, and D. L. Heyser, to The Ryan Aeronautical Co. Method for installing fittings in metal cellular core panels. 2,826,675, 3-11-58, Cl. 219-117.
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- Fullhart, Lawrence, Jr., to E. I. du Pont de Nemours and Co. Fortification of feed. 2,828,207, 3-25-58, Cl. 99-2.
- Fullhart, Lawrence, Jr., and E. L. Rohdenburg, to E. I. du Pont de Nemours and Co. Growth promoting compositions and their preparation. 2,848,331, 8-19-58, Cl. 99-4.
- Fullman, Robert L., and A. Gatti, to General Electric Co. Method of producing single crystals of iron. 2,842,469, 7-8-58, Cl. 148-1.6.
- Fulmer, Norman C., to Allen B. Du Mont, Inc. Television synchronizing circuit. 2,824,224, 2-18-58, Cl. 250-27.
- Ful-Nue-Pak Co.: *See*—
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- Fulton, Bertram A., Jr.: *See*—
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- Fulton, Clarence O., and P. C. Trussell. Method of killing marine borers. 2,834,706, 5-13-58, Cl. 167-14.
- Fulton Co., The: *See*—
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- Fulton, David H., 1/4 to R. E. Clarkson. Metal doorsill. 2,848,766, 8-26-58, Cl. 20-64.
- Fulton, George R., to Imperial Chemical Industries Ltd. Production of metal alkyls. 2,839,555, 6-17-58, Cl. 260-448.
- Fulton, Mervin J., and T. J.; said T. J. Fulton assor. to said M. J. Fulton. Liquid dispersion separating device. 2,858,027, 10-28-58, Cl. 210-450.
- Fulton, Stewart C.: *See*—
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- Fultz, Allen R., and B. V. Stevens, to Eastman Kodak Co. Stereo contour projector. 2,838,977, 6-17-58, Cl. 88-24.
- Fultz, George D. Fishing lure. 2,819,553, 1-14-58, Cl. 43-42.12.
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- Funck, Dennis L., to E. I. du Pont de Nemours and Co. Preparation of purified formaldehyde. 2,848,500, 8-19-58, Cl. 260-606.
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- Fund-Del, Inc.: *See*—
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- Funderburk, George O., R. C. Johnson, and R. H. Smith, to E. I. du Pont de Nemours and Co. Detergent compositions. 2,833,722, 5-6-58, Cl. 252-152.
- Fundingsland, John O. Tape recording machine. 2,855,160, 10-7-58, Cl. 242-55.14.
- Funk, Carl E. Fence brace. 2,841,367, 7-1-58, Cl. 256-37.
- Funk, Charles R., and R. M. Barnhart, to Alco Products, Inc. Method of adding lead to steel. 2,854,716, 10-7-58, Cl. 22-2.
- Funk, Gilbert R., to Waukesha Foundry Co. Rotary pump with interacting tri-lobed impellers. 2,836,125, 5-27-58, Cl. 103-126.
- Funk, Lewis D. Electric injector for liquid fertilizer and method of treating irrigation water therewith. 2,858,648, 11-4-58, Cl. 47-58.
- Funk, Murry C., and J. F. Helms, to American Can Co. Non-blocking coated sheet material. 2,833,671, 5-6-58, Cl. 117-76.
- Funk, Truman B., to Yard-Man, Inc. Rotary disc type mower construction. 2,861,410, 11-25-58, Cl. 56-25.4.
- Funke, Siegfried: *See*—
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- Fuqua, Alex M. Method of treating mangle with extract of cedar leaf. 2,863,804, 12-9-58, Cl. 167-53.2.
- Fuqua, Mack C.: *See*—
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- Furane Plastics Inc.: *See*—
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- Furbush, Merrill A., and D. B. Shaw, to General Precision Laboratory, Inc. Television camera heating system. 2,831,920, 4-22-58, Cl. 178-7.2.
- Furches, William R. Combination vehicle steering and wheel mounting arrangement. 2,860,719, 11-18-58, Cl. 180-79.2.
- Furczyk, Alfons A., to Selas Corp. of America. Metal melting furnace. 2,845,261, 7-29-58, Cl. 266-33.
- Furczyk, Alfons A., to Selas Corp. of America. Industrial gas burner. 2,855,033, 10-7-58, Cl. 158-109.
- Furey, Michael J., to Esso Research and Engineering Co. Rust preventive composition. 2,860,996, 11-18-58, Cl. 106-14.
- Furgical, Henry P., R. F. Kampschmidt, and P. Arealis, to Armour and Co. Process for the improvement of color in meat. 2,831,774, 4-22-58, Cl. 99-107.
- "Für Ihr Kind" L. u. M. Povel: *See*—
Povel, Walter. 2,853,068.
- Furlong, Ronald A., to Imperial Chemical Industries Ltd. Production of nitrocellulose. 2,822,362, 2-4-58, Cl. 260-223.
- Furlow, William M., Jr., to United States of America as represented by the Secretary of the Navy. Digit storing circuit. 2,824,222, 2-18-58, Cl. 250-27.
- Furman, Frank J., O. F. Moneagle, and R. V. Simpson, to International Business Machines Corp. Print actuating member control mechanism. 2,829,592, 4-8-58, Cl. 101-93.
- Furman, Frank J., T. D. Koranye, and K. E. Rhodes, to International Business Machines Corp. Record feeding devices. 2,842,246, 7-8-58, Cl. 197-133.
- Furman, Frank J., O. F. Moneagle, D. R. Wetjen, and A. A. Dowd, to International Business Machines Corp. Record feeding means. 2,842,250, 7-8-58, Cl. 197-133.
- Furman, Kenneth E., H. V. Finch, and G. W. Hearne, to Shell Development Co. Manufacture of epihalohydrins. 2,860,146, 11-11-58, Cl. 260-348.6.
- Furnas Electric Co.: *See*—
Cobb, Harold E., and White. 2,855,482.
Furnas, William C. 2,844,682.
White, Paul F. 2,844,673.
White, Paul F. 2,855,548.
Willcox, Dale F., and White. 2,855,488.
- Furnas, William C., to Furnas Electric Co. Overload relay and magnetic switch assembly. 2,844,682, 7-22-58, Cl. 200-88.
- Furnberg, Carl W. Means of inflating by air separated from combined air and water pressure. 2,840,828, 7-1-58, Cl. 4-172.
- Furneaux, Audrey: *See*—
Still, Frederick W., and Furneaux. 2,824,676.
- Furness, Edward M., to Reserve Mining Co. Magnetic separator. 2,844,252, 7-22-58, Cl. 209-223.
- Furney, Edward R. Door frame construction. 2,850,126, 9-2-58, Cl. 189-46.
- Furnia, Alfred, and R. Zenger. Long tongs. 2,832,635, 4-29-58, Cl. 294-110.
- Furniss, Loree E., to The Buckeye Steel Castings Co. Railway coupler attachment. 2,824,652, 2-25-58, Cl. 213-69.
- Furniss, Loree E., to The Buckeye Steel Castings Co. Railway journal bearing. 2,859,073, 11-4-58, Cl. 308-53.
- Furniss, Loree E., to The Buckeye Steel Castings Co. Railway draft rigging. 2,859,883, 11-11-58, Cl. 213-69.
- Furniss, Loree E., to The Buckeye Steel Castings Co. Coupler operating rod support. 2,861,698, 11-25-58, Cl. 213-171.
- Furpahs, Otto P. Swivel joint coupler for electric cords. 2,832,940, 4-29-58, Cl. 339-8.
- Furphy, Joseph R. Egg cracker. 2,827,936, 3-25-58, Cl. 146-2.
- Furrer, Emery C. Oil well pump. 2,853,016, 9-23-58, Cl. 103-45.
- Furrer, John R., to ACF Industries, Inc. Lightweight vehicle. 2,834,303, 5-13-58, Cl. 105-176.

- Furrer, John R., to A. C. F. Industries, Inc. Railway train with coupler steered axles. 2,863,401, 12-9-58, Cl. 105-4.
- Fürster, Werner H. Rack construction. 2,836,304, 5-27-58, Cl. 211-46.
- Fürst, Andor: *See*—
- Boller, Arthur, Fürst, and Majnani. 2,862,002.
- Fürst, Stefan, to W. Reiners. Beam warping machine. 2,834,091, 5-13-58, Cl. 28-38.
- Fürst, Stefan, to Reiners & Fürst. Device for attaching traveler split rings to spinning rings. 2,856,676, 10-21-58, Cl. 29-207.
- Furst, Stefan, to W. Reiners. Winding machine. 2,859,918, 11-11-58, Cl. 242-27.
- Fürst, Stefan, to Dr. Ing. Walter Reiners. Spool holding arrangement. 2,865,577, 12-23-58, Cl. 242-129.51.
- Furstenberg, Joachim, to Pneumafil Corp. Thread suction installations for spinning machines. 2,843,995, 7-22-58, Cl. 57-34.5.
- Furton, Edward B. Dustproof cap for fluid dispensing nozzles. 2,826,455, 3-11-58, Cl. 299-112.
- Fusare Ltd.: *See*—
- Hindson, Eric. 2,865,798.
- Yarwood, Henry. 2,835,964.
- Fusaroli, Goffredo, to S. A. M. P. R. E. Soc. Az. Meccanica Precisione, Bobbin-holder. 2,840,321, 6-24-58, Cl. 242-130.2.
- Fusaroli, Goffredo, to Sampre S. A. Meccanica Precisione. Sleeve for rollers. 2,862,250, 12-2-58, Cl. 19-143.
- Fuschi, Antonio T. Safety lock for tractor-trailer couplings. 2,828,972, 4-1-58, Cl. 280-432.
- Fuschi, Antonio T. Tractor-trailer safety lock means. 2,853,312, 9-23-58, Cl. 280-432.
- Fusco, James V.: *See*—
- Leary Robert F., and Fusco. 2,862,914.
- Fusco, James V., and S. B. Mirviss, to Esso Research and Engineering Co. Petroleum resins containing indene. 2,856,389, 10-14-58, Cl. 260-82.
- Fusco, Raffaello, to Montecatini Società Generale per l'Industria Mineraria e Chimica. New phosphorylated heterocyclic compounds and processes for preparing same. 2,865,948, 12-23-58, Cl. 260-461.
- Fusco, Raffaello, and S. Rossi, to Industria Chimica Profarmaco S. R. L. Fluorescent materials on the basis of tetrazoidenes. 2,837,520, 6-3-58, Cl. 260-249.5.
- Fusco, Raffaello, G. Losco, and C. A. Peri, to Montecatini Società Generale per l'Industria Mineraria e Chimica. Process for preparing phosphoric esters of substituted umbelliferone, and pesticidal compositions obtained thereby. 2,860,085, 11-11-58, Cl. 167-33.
- Fusco, Vito A.: *See*—
- Reynolds, William E., and Fusco. 2,866,388.
- Fussangl, Hubert, to Firma Fritz Werner Akt. Electrical control apparatus. 2,842,003, 7-8-58, Cl. 74-365.
- Futterer, William H. Hair comb with mechanical fingers. 2,859,754, 11-11-58, Cl. 132-145.
- Futterman, Louis, to Gem Thermometer Co. Medical thermometer with shake-down attachment. 2,839,927, 6-24-58, Cl. 73-373.
- Fyleman, John L.: *See*—
- Taylor, Frank D., and Fyleman. 2,828,760.
- Fyler, George W., to Motorola, Inc. Television receiver antenna coupling circuit. 2,819,390, 1-7-58, Cl. 250-20.
- Fyler, George W., to Motorola, Inc. Television receiver. 2,830,230, 4-8-58, Cl. 315-27.
- Fyler, George W., to General Electric Co. Expanded display for cathode ray tubes. 2,836,812, 5-27-58, Cl. 343.11.
- Fyler, George W., and R. S. Melhorn, to Motorola, Inc. Cathode ray tube circuit. 2,828,357, 3-25-58, Cl. 178-7.5.
- Fyr-Fyter Co., The: *See*—
- Allen, Frank B. 2,819,820.
- Buckley, Edward G. 2,821,257.
- Haessler, Walter M. 2,860,203.
- Housekeeper, Earl J., Hunter, and Braun. 2,845,247.
- G and A Laboratories, Inc.: *See*—
- Hopkins, William L., Jr. 2,865,511.
- G H N Neon Sign Co.: *See*—
- Gould, Samuel. 2,844,764.
- G. M. E. Corp.: *See*—
- Greer, Edward M. 2,855,038.
- G-M Laboratories Inc.: *See*—
- Maierhofer, Karl M. 2,860,559.
- McMaster, Archie J. 2,823,858.
- G-M Sheet Metal Works: *See*—
- Geisler, Henry O., and Martin. 2,848,274.
- G. N. R. D. Patent Holdings Ltd.: *See*—
- Long, Alan G., and Hunt. 2,824,100.
- Oughton, John F., Jones, and Hamlet. 2,855,414.
- Walker, Thomas, Jones, and Hamlet. 2,831,874.
- Walker, Thomas, Jones, and Hamlet. 2,848,463.
- G P E Controls, Inc.: *See*—
- Sazavsky, Jaromir K. 2,864,339.
- G. Q. Parachute Co. Ltd.: *See*—
- Mitchell, John R., and Rollings. 2,840,194.
- G & W Electric Specialty Co.: *See*—
- Nicholas, James H. 2,820,086.
- Nicholas, James H. 2,827,506.
- Nicholas, James H. 2,835,725.
- Gaa, Donald L.: *See*—
- Bourns, Marlan E., Harrison, Whitehorn, Hardison, and Gaa. 2,823,288.
- Gaasedelen, Francis W.: *See*—
- Hawkinson, Paul E. 2,860,682.
- Gabbett, James F., Jr.: *See*—
- Steadman, Thomas R., and Gabbett. 2,847,447.
- Gabbett, James F., Jr., and L. H. Sutherland, to Escombria Chemical Corp. Production of acrylonitrile. 2,847,448, 8-12-58, Cl. 260-465.3.
- Gabbrielli, Ernesto. Machine for mixing and extruding plastics and the like. 2,845,656, 8-5-58, Cl. 18-12.
- Gable, Charles M.: *See*—
- Baumgartner, Herman J., and Gable. 2,833,700.
- Gabor, Eldon D. Ventilator constructions. 2,863,182, 12-9-58, Cl. 20-53.
- Gabor, William D., to C. G. S. Laboratories, Inc. Electrically controllable inductor method and apparatus. 2,837,648, 6-3-58, Cl. 250-36.
- Gaborsky, Joseph, Jr., to The Ohio Boxboard Co. Display device. 2,845,731, 8-5-58, Cl. 40-125.
- Gabriel, Arthur E., to Carr, Adams & Collier Co. Composition of matter and method of making the same. 2,855,320, 10-7-58, Cl. 106-163.
- Gabriel, Charles P., to The Aero Equipment Corp. Valve structure. 2,823,687, 2-18-58, Cl. 137-38.
- Gabriel Co., The: *See*—
- Rowland, Howard J. 2,825,061.
- Ruze, John. 2,825,060.
- Ruze, John. 2,863,146.
- Gabriel, Daniel. Deception element for hypodermic syringes. 2,845,065, 7-29-58, Cl. 128-215.
- Gabriel, Daniel. Vials containing medication under pressure. 2,845,067, 7-29-58, Cl. 128-218.
- Gabriel, Daniel. Detachable stub needle for hypodermic syringes. 2,845,068, 7-29-58, Cl. 128-221.
- Gabriel, Edwin Z. Computer for solution of unknown sides or angles of a triangle or of triangles. 2,857,673, 10-28-58, Cl. 33-1.
- Gabriel, Gustave O. Turntable drives for record players. 2,866,362, 12-30-58, Cl. 74-745.
- Gabriel, John C. Music slide rule. 2,832,252, 4-29-58, Cl. 84-480.
- Gabriel, William F., to United States of America, Navy. Machined waveguide pin choke. 2,850,706, 9-2-58, Cl. 333-98.
- Gabrielsen, Christian, to Rowe Mfg. Co., Inc. Change dispensing mechanism for merchandising machines. 2,825,346, 3-4-58, Cl. 133-2.
- Gabrielsen, Christian, to Rowe Mfg. Co., Inc. Beverage merchandising machine. 2,848,140, 8-19-58, Cl. 222-51.
- Gabrielsen, Christian, to Rowe Mfg. Co., Inc. Packet merchandising machine. 2,864,532, 12-16-58, Cl. 221-92.
- Gabrielsen, Christian, and G. Erickson, to Rowe Mfg. Co., Inc. Coin controlled vending machine. 2,843,242, 7-15-58, Cl. 194-10.
- Gabrielsen, Christian, and A. R. Ericson, to Rowe Mfg. Co., Inc. Console merchandising machine. 2,858,042, 10-28-58, Cl. 221-6.
- Gabrielson, Samuel, to General Electric Co. Axial support arrangement. 2,828,627, 4-1-58, Cl. 71-5.
- Gachot, Jean: *See*—
- Bauer, Franz. 2,851,725.
- Gacki, Leonard W., to X-Ray Instrument Corp. Expandable brace for film cassette. 2,823,318, 2-11-58, Cl. 250-68.
- Gadd, Ernest R., and D. F. B. Tedds, to Bristol Aero-Engines Ltd. Method of producing castings with one or more internal passages. 2,841,855, 7-29-58, Cl. 22-204.
- Gaddis, Roy C. Folding elevator for vehicles. 2,834,487, 5-13-58, Cl. 214-83.26.
- Gaddis, Roy C. Bulk materials handling body. 2,863,578, 12-9-58, Cl. 214-83.3.
- Gadget of The Month Club, Inc., The: *See*—
- Beavers, Hazel G. 2,850,962.
- Cariaga, Fermin F. 2,832,657.
- Chapla, Steve J. 2,843,109.
- Davis, Ewel S. 2,850,021.
- Fryckholm, William R. 2,831,739.
- Gardner, Louise M. 2,839,764.
- Griffith, Harvey J. 2,838,311.
- Gunderson, Lynell A. 2,825,181.
- Jacobson, Arnold N. 2,825,171.
- Karlsson, Karl H. 2,860,510.
- Knight, George D. 2,817,010.
- Le Beau, Alfred T. 2,840,414.
- Mayo, Harold T. 2,862,320.
- Merkley, Hilbert J. 2,822,958.
- O'Farrell, Frank J., and M. L. 2,854,717.
- Rock, Clarence A. 2,855,700.
- Smith, Grant A. 2,865,413.
- Tootle, Gwendolyn O. 2,828,712.
- Winkler, Edwin W. 2,852,784.
- Gadler, Gustav A. B., to Aresco Aktiebolaget. Machine for winding paper material in rolls. 2,849,191, 8-26-58, Cl. 242-56.
- Gadomski, Walter. Check gauge for tapered objects. 2,820,300, 1-21-58, Cl. 33-174.
- Gadsden, Harold A. Mortar batching device. 2,841,013, 7-1-58, Cl. 73-429.
- Gaebel, Reinhold, and H. Neugebauer, to Hercules Powder Co. Preparation of thin sections of material from melts of cellulose esters. 2,852,332, 9-16-58, Cl. 18-54.
- Gaenzle, John B., to Sylvania Electric Products Inc. Planar tubes. 2,837,683, 6-3-58, Cl. 313-337.
- Gaertner, George W.: *See*—
- Carlson, George J., and Gaertner. 2,845,447.

- Gaertner, Van R.: *See*—
Miller, Robert E., and Gaertner. 2,844,505.
- Gaertner, Van R., to Monsanto Chemical Co. Phosphonium compounds. 2,828,332, 3-25-58, Cl. 260-505.
- Gaertner, Van R., to Monsanto Chemical Co. Addition products. 2,833,688, 5-6-58, Cl. 167-33.
- Gaertner, Van R., to Monsanto Chemical Co. Phenyl hydrazones of thienyl phenyl ketones. 2,841,523, 7-1-58, Cl. 167-33.
- Gaertner, Van R., to Monsanto Chemical Co. Fungicidal composition comprising an aromatic hydrazine. 2,850,425, 9-2-58, Cl. 167-30.
- Gaertner, Van R., to Monsanto Chemical Co. Amidophosphorus compounds. 2,850,507, 9-2-58, Cl. 260-327.
- Gaertner, Van R., and G. A. Richardson, to Monsanto Chemical Co. Amino acid derivatives. 2,850,518, 9-2-58, Cl. 260-455.
- Gaeta, Douglas P., to Floral-Aid of San Jose, Inc. Florist's pick. 2,829,469, 4-8-58, Cl. 47-55.
- Gaffney, Francis W.: *See*—
Two, Joseph A. 2,847,088.
- Gaffney, John E. Screen cleaner. 2,839,970, 6-24-58, Cl. 92-31.
- Gaffney, Richard E., to Kaiser Aluminum & Chemical Corp. Apparatus and method for casting metal. 2,840,871, 7-1-58, Cl. 22-79.
- Gagan, Emile, to La Spirotechnique, Societe Anonyme. Open circuit respiratory apparatus. 2,858,829, 11-4-58, Cl. 128-142.
- Gage, Archie W. Hydraulic boring device. 2,819,875, 1-14-58, Cl. 255-24.
- Gage, Fred W., and A. W. Tondreau, to Warner Bros. Pictures, Inc. Color film printer. 2,841,065, 7-1-58, Cl. 95-75.
- Gage, Robert M., to Union Carbide Corp. Arc torch and process. 2,858,411, 10-28-58, Cl. 219-75.
- Gage, Robert M., to Union Carbide Corp. Arc torch process with reactive gases. 2,862,099, 11-25-58, Cl. 219-74.
- Gage, Robert T., and A. S. Brown, to The Cycle-Flo Co. Flow regulator. 2,819,728, 1-14-58, Cl. 137-505.39.
- Gageant, Louis M.: *See*—
Rust, Edgar C., Jr., and Gageant. 2,861,750.
- Gageby, Robert A., to Wells Industries Corp. Desiccator unit. 2,845,138, 7-29-58, Cl. 183-4.8.
- Gagliardi, George N. Recovery of uncontaminated guanidine thiocyanate. 2,850,517, 9-2-58, Cl. 260-454.
- Gagnebin, Albert P.: *See*—
Mills, Keith D., Gagnebin, and Pilling. 2,835,619.
- Gagnebin, Albert P., and J. T. Eash, to The International Nickel Co., Inc. Addition agent and method for making ferrous products. 2,826,497, 3-11-58, Cl. 75-130.
- Gagnier, Arthur L. Automobile headlight glare guard. 2,830,174, 4-8-58, Cl. 240-46.39.
- Gagnier Fibre Products Co.: *See*—
Scott, Robert E. 2,820,270.
Scott, Robert E. 2,833,011.
- Gagnon, George A., to Admiral Corp. Electronic component attaching machine. 2,851,145, 9-9-58, Cl. 198-19.
- Gagnon, George A., to Admiral Corp. Electronic component attaching mechanism. 2,857,035, 10-21-58, Cl. 198-19.
- Gagnon, Louis L., to American Optical Co. Ophthalmic mountings. 2,825,267, 3-4-58, Cl. 88-47.
- Gahagan, Carl D., to Brubaker Electronics Inc. Digital switch. 2,853,564, 9-23-58, Cl. 200-11.
- Gähwyler, Wolfgang, to Akt. Brown, Boveri & Cie. Gas burner. 2,850,875, 9-9-58, Cl. 60-39.74.
- Gaichel, Pearl. Article of headwear. 2,859,448, 11-11-58, Cl. 2-199.
- Gaidos, Alonzo F. Selective fire converter and rate reducer. 2,823,589, 2-18-58, Cl. 89-131.
- Gail, Charles H., to Spring Machinery Co. Wire crimping and cutting mechanism for bed spring machines. 2,840,118, 6-24-58, Cl. 140-92.8.
- Gail, Stewart E., to Jack & Heintz, Inc. Clamping band. 2,828,525, 4-1-58, Cl. 24-279.
- Gaillard, Robert J., to The Dill Mfg. Co. Clamp for use in patching tubeless tires. 2,825,930, 3-11-58, Cl. 18-18.
- Gaillette, Georges. Jet propulsion system for maintaining aircraft in a vertical attitude. 2,865,579, 12-23-58, Cl. 244-52.
- Gailliot, Paul, J. Robert, and J. Gaudechon, to Societe de Usines Chimiques Rhone-Poulenc. Derivatives of phentiazine. 2,830,987, 4-15-58, Cl. 260-243.
- Gailliot, Paul, and J. Paget, to Societe des Usines Chimiques Rhone-Poulenc. Penicillin salts. 2,837,513, 6-3-58, Cl. 260-239.1.
- Gainer, Gordon C., and R. M. Luck, to Westinghouse Electric Corp. Blended silicone lubricating fluids. 2,821,507, 1-28-58, Cl. 252-49.6.
- Gaines, Alvin: *See*—
Kiraly, Joseph L., and Gaines. 2,826,453.
- Gaines, Eugene F. Spline for hanging tile. 2,858,584, 11-4-58, Cl. 20-92.
- Gaines, George L., Jr., to General Electric Co. Mica paper. 2,842,183, 7-8-58, Cl. 154-2.6.
- Gaines, Harold S., 1/2 to K. P. Frame. Drafting device. 2,832,140, 4-29-58, Cl. 33-27.
- Gaines, John W., to Studebaker-Packard Corp. Automotive vehicle stabilizing means. 2,852,269, 9-16-58, Cl. 280-124.
- Gaines, Nathaniel, to Para Mfg. Co. Inc. Curtain having supporting eyelets formed therein. 2,855,040, 10-7-58, Cl. 160-33.
- Gaines, Robert L. Fish lure holder. 2,846,806, 8-12-58, Cl. 43-54.5.
- Gair Co. Canada Ltd.: *See*—
Ramsay, Douglas G. 2,821,328.
- Gaiser, Roney A., to Libbey-Owens-Ford Glass Co. Laminated glass. 2,831,792, 4-22-58, Cl. 154-2.73.
- Gaiser, Roney A., and L. D. Thomas, to Libbey-Owens-Ford Glass Co. Electrically conducting glass. 2,833,902, 5-6-58, Cl. 201-73.
- Gaite, Harold D., to British Telecommunications Research Ltd. Electrical switching devices. 2,849,568, 8-26-58, Cl. 200-105.
- Gaither and Co.: *See*—
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- Gai-Tronics Corp.: *See*—
Radomski, Joseph J., Wenrich, and Shaaber. 2,831,922.
- Gajdosik, Ferdinand, to Svit, narodni podnik. Plant for the continuous manufacture of fat-impregnated leather. 2,861,542, 11-25-58, Cl. 118-423.
- Gajjar, Navin J., to E. I. du Pont de Nemours and Co. Finishing polyester fabrics. 2,828,528, 4-1-58, Cl. 28-76.
- Galanot, Camille P. Traction device for a vehicle with tires or the like. 2,821,443, 1-28-58, Cl. 305-10.
- Galasso, August J.: *See*—
Vito, Nicholas J., and Galasso. 2,861,521.
- Galateri, Lello. Bas-relief dressmaker's model and method for the construction thereof. 2,821,333, 1-28-58, Cl. 223-68.
- Galazin, John E. Aerator. 2,856,832, 10-21-58, Cl. 97-52.
- Galbraith, Alexander, 1/2 to J. Cleiff. Ventilating devices especially for vehicles. 2,854,914, 10-7-58, Cl. 98-13.
- Galbraith, Alexander. Safety razors with relative blade and guard adjustment. 2,857,668, 10-28-58, Cl. 30-54.
- Galbraith, Donald C.: *See*—
Cramer, Henry G., and Galbraith. 2,827,106.
- Galdos, Tomas: *See*—
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- Gale, Alfred J., to High Voltage Engineering Corp. Method of increasing the uniformity of dose produced by a beam of high energy electrons throughout the volume of objects irradiated thereby. 2,858,441, 10-28-58, Cl. 250-49.5.
- Gale, Alfred J., to High Voltage Engineering Corp. High current electrostatic generator. 2,858,501, 10-28-58, Cl. 322-2.
- Gale, James G., to Newco Mfg. Co., Inc. Safety hook. 2,857,644, 10-28-58, Cl. 24-242.
- Gale, Reginald A. Garment hanger. 2,824,679, 2-25-58, Cl. 223-91.
- Gale Separator Co., Inc.: *See*—
Gehle, William A. 2,831,579.
- Gale, Wilfred E. Surface planing machines. 2,837,130, 6-3-58, Cl. 144-117.
- Galeazzi, Franco. Push-button spraying device with safety cap. 2,835,534, 5-20-58, Cl. 299-95.
- Gales, Dolores B. Educational device. 2,835,053, 5-20-58, Cl. 35-73.
- Galey, Jean, and M. Denis, to Institut de Recherches de la Siderurgie. Device for recording continuously the true temperature of the lighting flames. 2,843,007, 7-15-58, Cl. 88-22.5.
- Galin, Robert, to General Motors Corp. Ice cube maker. 2,846,854, 8-12-58, Cl. 62-233.
- Galindo, Harold F., and J. A. Miller, to California Research Corp. Crankcase lubricant for spark ignition engines. 2,850,450, 9-2-58, Cl. 252-18.
- Galinski, Roman. Washing apparatus with liquid seal for rotating shaft. 2,835,123, 5-20-58, Cl. 68-140.
- Galinsky, Milton L., and M. L. Glazer, to Tweet-Bernard Co. Poultry floor. 2,856,897, 10-21-58, Cl. 119-22.
- Gall, Edward S.: *See*—
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- Gall, John: *See*—
Boultinghouse, Kermit T., and Gall. 2,828,632.
- Gall, John F., and G. Barth-Wehrenalp, to Pennsalt Chemicals Corp. Production of elemental phosphorus and ferrous chloride. 2,838,372, 6-10-58, Cl. 23-87.
- Gall, Ralph J.: *See*—
Greenspan, Frank P., and Gall. 2,857,349.
- Galla, Michael J., Sr., to General Motors Corp. Automobile body mounting. 2,856,227, 10-14-58, Cl. 296-35.
- Galla, Stephen J., to Ford Motor Co. Convertible top power header lock. 2,852,292, 9-16-58, Cl. 292-25.
- Galla, Stephen J., to Ford Motor Co. Door checking and holding device. 2,860,369, 11-18-58, Cl. 16-85.
- Gallagher, Brian M., to General Motors Corp. Locomotive. 2,850,988, 9-9-58, Cl. 105-62.
- Gallagher, Charles E. Self-trimming device for automatic pilots for adjusting control in accordance with change of load. 2,855,557, 10-7-58, Cl. 318-489.
- Gallagher, Edward J., Jr. Leveler. 2,836,843, 6-3-58, Cl. 16-44.
- Gallagher, John F.: *See*—
Salto, Martin, Clarke, and Gallagher. 2,819,983.
- Gallagher, John P. Insulated foil lined paper cup. 2,853,222, 9-23-58, Cl. 229-1.5.
- Gallagher, Ray J., and C. E. Lomax, to General Telephone Laboratories, Inc. Prepay paystation having improved coin hopper mechanism. 2,831,925, 4-22-58, Cl. 179-6.5.

- Gallagher, Thomas J., to International Business Machines Corp. Pocket indicator. 2,862,618, 12-2-58, Cl. 209-110.
- Gallagher, William J., to Hewlett-Packard Co. Coaxial-line thermistor mount. 2,855,570, 10-7-58, Cl. 333-22.
- Gallagher, William P., A. D. Stolle, and P. G. Bielick, to International Register Co. Automatic and manual control time switch. 2,824,181, 2-18-58, Cl. 200-35.
- Gallagher, William P., A. D. Stolle, and R. B. Ellis, to International Register Co. Switch mechanism. 2,842,626, 7-8-58, Cl. 200-38.
- Gallagher, William P., A. D. Stolle, and P. G. Bielick, to International Register Co. Process of staking a post to a mounting. 2,859,511, 11-11-58, Cl. 29-432.
- Gallant, Raymond A., to General Motors Corp. Hydraulic engine-starting device. 2,847,984, 8-19-58, Cl. 123-179.
- Gallas, Louis X.: *See—*
- Wolfskill, Edna M., Gallas, and Dickinson. 2,847,084.
- Gallatin, Harold A., to Allis-Chalmers Mfg. Co. Saturable reactance means having antihunt bias supplied by differential of control windings. 2,853,674, 9-23-58, Cl. 323-89.
- Gallay, Robert: *See—*
- Stern, Charles, and Gallay. 2,845,149.
- Gallay, Sidney W.: *See—*
- Barden, Wayne A., and Gallay. 2,836,686.
- Galley, Andrew H., to J. V. Galley. Sink bowl structure. 2,818,580, 1-7-58, Cl. 4-187.
- Galley, John V.: *See—*
- Galley, Andrew H. 2,818,580.
- Galli, Ercole. Turbulence generating device for internal combustion engines. 2,855,906, 10-14-58, Cl. 123-32.
- Gallo, Ella A.: *See—*
- Barrett, Hillard E., and Gallo. 2,818,737.
- Gallo, Ella A., to Curtiss-Wright Corp. Fuel flow controller. 2,834,375, 5-13-58, Cl. 137-614.2.
- Gallo, Joseph E., to Curtiss-Wright Corp., Propeller Div. Flight training apparatus for simulating radio station tuning. 2,846,780, 8-12-58, Cl. 35-10.2.
- Gallois, Amy E. Nursing bottle. 2,843,281, 7-15-58, Cl. 215-11.
- Gallone, Patrizio, to Oronzio De Nora Impianti Elettrochimici. Method and apparatus for protecting the cathodes of electrolytic cells. 2,834,728, 5-13-58, Cl. 204-147.
- Gallop, John C., Jr. Multiple purpose power tool. 2,859,627, 11-11-58, Cl. 74-16.
- Galloway, Charles D., to The Electric Storage Battery Co. Method of and apparatus for sizing. 2,832,126, 4-29-58, Cl. 29-76.
- Galloway, Edward W.: *See—*
- Myers, Myron L., Todd, and Galloway. 2,850,357.
- Galloway, Frederick J.: *See—*
- Schlosser, Francis G., and Galloway. 2,856,215.
- Galloway, Frederick M., to H. K. Porter Co. (Delaware). Irrigation system and apparatus therefor. 2,835,532, 5-20-58, Cl. 299-60.
- Galloway, Frederick M., to H. K. Porter Co. (Delaware). Discharge hose comprising supporting means and method of providing such means. 2,837,120, 6-3-58, Cl. 138-54.
- Galloway, Ralph G., to S. E. Sundgren. Adjustable platform structure. 2,827,350, 3-18-58, Cl. 311-17.
- Galloway, Robert K.: *See—*
- Kerr, Charles E., and Galloway. 2,840,375.
- Galloway, Torrence D. Cyclic process of extracting lead and zinc metals. 2,839,390, 6-17-58, Cl. 75-120.
- Galloway, Victor A. Vehicle loader. 2,847,135, 8-12-58, Cl. 214-302.
- Gallowhur Chemical Corp.: *See—*
- Frant, Martin S., and Cohen. 2,865,805.
- Gallup, Milton N.: *See—*
- Lux, James H., and Gallup. 2,825,941.
- Galmiche, Philippe, to Office National d'Etudes et de Recherches Aeronautiques O. N. E. R. A. Chromizing and analogous methods. 2,819,208, 1-7-58, Cl. 204-38.
- Galonka, David A., to General Motors Corp. One-way ball nut. 2,836,075, 5-27-58, Cl. 74-459.
- Galton, Eugene B., to Hazeltine Research, Inc. Selective pulse-translating system. 2,857,526, 10-21-58, Cl. 307-88.5.
- Galvin, Andre, to Societe Industrielle des Derives de L'Acetylene. Distillation process to produce anhydrous acetone. 2,855,344, 10-7-58, Cl. 202-46.
- Galvin, Gerald D.: *See—*
- Davies, Peter L., and Galvin. 2,862,886.
- Galvin, John L., to Automatic Telephone & Electric Co. Ltd. Telephone systems. 2,851,536, 9-9-58, Cl. 179-27.
- Gamache, Maurice L. Collapsible metal awning. 2,856,996, 10-21-58, Cl. 160-132.
- Gambell, Carlos H. Magnetic fluid clutch with permanent magnets. 2,845,157, 7-29-58, Cl. 192-21.5.
- Gamberg, Edward R., and J. M. Cameron, to Westinghouse Electric Corp. Electric arc welding. 2,866,080, 12-23-58, Cl. 219-131.
- Gambin, Paul A., and P. Massot. Machine tool. 2,824,499, 2-25-58, Cl. 90-11.
- Gamble, Charles B. Neck band holder for table napkins and the like. 2,865,069, 12-23-58, Cl. 24-9.
- Gamble Co., Inc.: *See—*
- Cochrane, Reuel A. 2,833,560.
- Cochrane, Reuel A. 2,855,221.
- Gamble, David E., to Borg-Warner Corp. Hydrodynamic coupling devices. 2,855,852, 10-14-58, Cl. 103-115.
- Gamble, Edward H., to Curtiss-Wright Corp. Servo power amplifier apparatus. 2,831,970, 4-22-58, Cl. 250-27.
- Gamble, Edward H., to Curtiss-Wright Corp. Fuel control system for jet engines. 2,851,855, 9-16-58, Cl. 60-39.28.
- Gamble, James G.: *See—*
- Keeler, Lawrence M., Gamble, and Vincent. 2,853,847.
- Gamble, John M. True lining vise or jig. 2,824,536, 2-25-58, Cl. 113-104.
- Gamble, John R., to The Kan Valley Steel Co. Supports for cylindrical members on a transport carrier. 2,862,631, 12-2-58, Cl. 214-10.5.
- Gamble, Joseph H., to Sperry Rand Corp. Direction sensitive radio system. 2,845,622, 7-29-58, Cl. 343-16.
- Gamble, Lafayette. Emergency braking attachment for motor trucks and the like. 2,823,769, 2-18-58, Cl. 188-2.
- Gamble, Ralph S., and L. F. Remington, to Curtis & Marble Machine Co. Railway type sewing machine. 2,836,133, 5-27-58, Cl. 112-2.
- Gamble, Ralph S., and L. F. Remington, to Curtis & Marble Machine Co. Cloth folding machine. 2,845,265, 7-29-58, Cl. 270-79.
- Gamble, Silas J., 1/8 to L. Moore. Hair pressing comb. 2,833,294, 5-6-58, Cl. 132-136.
- Gamble-Skogmo, Inc.: *See—*
- Castner, George P., and Foster. 2,828,633.
- Gamboni, Leonello, to Incoma S. p. A. Automatic copying machine. 2,854,040, 9-30-58, Cl. 142-7.
- Gamboni, Walter J., and H. D. Nelson. Grape leaf stripping mechanism. 2,865,135, 12-23-58, Cl. 47-1.
- Gambs, Paul F. M. Perimeters for the examination of visual fields. 2,837,964, 6-10-58, Cl. 88-20.
- Gamelsky, Walter. Jewelry chain constructions and method of manufacture of costume jewelry therefrom. 2,852,923, 9-23-58, Cl. 63-20.
- Gamertsfelder, George R., to General Precision Laboratory Inc. Planar microwave antenna array. 2,854,666, 9-30-58, Cl. 343-810.
- Games, Inc.: *See—*
- Collins, Edward J. and J. L. and Schuyler. 2,847,221.
- Gamet, Louis J. M., to La Precision Industrielle (Societe Anonyme). Hydraulic rotary distributor and its application to operating jacks for work-holders of machine-tools. 2,835,227, 5-20-58, Cl. 121-38.
- Gammill, Adrian M., and E. G. Acker, to W. R. Grace & Co. Method of preparing molded dehydrating agents. 2,819,491, 1-14-58, Cl. 18-47.5.
- Gammon, Howard M., to Thompson Products, Inc. Valve rotating device. 2,819,706, 1-14-58, Cl. 123-90.
- Gammon, Michael M. J., and T. G. Hame, to Electric & Musical Industries Ltd. Helical antenna enclosed in a dielectric. 2,863,148, 12-2-58, Cl. 343-895.
- Gamzon, Robert R., to Amron (Israel) Ltd. Trimming condensers. 2,827,601, 3-18-58, Cl. 317-249.
- Gandem Traders, Ltd.: *See—*
- Tixerant, Georges L. 2,855,622.
- Gandrud, Eberhard S. Rotor bar structure for dispensers of granular material. 2,846,125, 8-5-58, Cl. 222-410.
- Gandrud, Eberhard S. Spreader for granular material and feeding rotor therefor. 2,848,143, 8-19-58, Cl. 222-242.
- Gandrud, Eberhard S. Dispenser for granular or powdered material. 2,852,166, 9-16-58, Cl. 222-311.
- Gandy, John E., deceased, by D. C. Fabiani, administrator, to Townsend Co. Die cavity with laterally projecting blades for slotting the end of a blank. 2,843,861, 7-22-58, Cl. 10-11.
- Gandy, John E., to Townsend Co. Method of making an expandable fastener. 2,843,928, 7-22-58, Cl. 29-556.
- Gang, Herman, to Monroe Calculating Machine Co. Register locking means. 2,830,761, 4-15-58, Cl. 235-79.
- Gang Driller Machine Works Inc.: *See—*
- Gordon, Seymour E. 2,824,471.
- Gangell, Lawrence J. Automobile trash disposal. 2,823,799, 2-18-58, Cl. 209-83.
- Ganger, Jesse R.: *See—*
- Christian, Raymond A., Ganger, and Johnson. 2,851,218.
- Ganger, Harry. Sinkor. 2,842,889, 7-15-58, Cl. 43-44.99.
- Gangl, Ambrose J. Sashless window structure. 2,842,810, 7-15-58, Cl. 20-52.
- Gangl, William A. Luminescent gun sight. 2,822,616, 2-11-58, Cl. 33-52.
- Gangwer, Edwin E. Egg-frying device. 2,824,510, 2-25-58, Cl. 99-423.
- Ganine, Peter. Method of making a musical comb. 2,838,834, 6-17-58, Cl. 29-529.
- Gann, Ruben L. Dam forming device. 2,837,989, 6-10-58, Cl. 97-55.
- Gannett, Wright K. Autofocus mechanism. 2,823,580, 2-18-58, Cl. 88-24.
- Gannon, John P.: *See—*
- Ferber, Martin, and Gannon. 2,859,788.
- Gano, Alfred S.: *See—*
- Fredrick, Arden H., and Gano. 2,830,250.
- Ganovsky, George J.: *See—*
- Johnson, Otho W., and Ganovski. 2,849,956.
- Gans, Alfred: *See—*
- Di Nunzio, Joseph, and Gans. 2,855,831.
- Gans, Francois F.: *See—*
- Saguin, Paul F., and Gans. 2,862,787.
- Gansau, Gerhard, E. Haack, W. Heimberger, and G. Stoeck, to C. F. Boehringer, & Sohm G. m. b. H. New chloramphenicol esters and method of synthesizing same. 2,838,552, 6-10-58, Cl. 260-410.6.

- Gansau, Helmut: *See*—
Heymons, Albrecht, Volk, and Gansau. 2,830,995.
- Ganser, Marie. Flexible stay, especially for corsets. 2,852,781, 9-23-58, Cl. 2-260.
- Gantebine, Harvey A. Shake riving machines. 2,839,105, 6-17-58, Cl. 144-194.
- Gantner Industries, Inc.: *See*—
Bode, Robert G., and Geib. 2,863,627.
- Gantt, Jack S.: *See*—
Bakke, Hans A., and Gantt. 2,852,742.
- Gantz, Jack L., to V. W. Eckel. Balanced valve. 2,863,473, 12-9-58, Cl. 137-599.2.
- Ganz, Daniel M. Tape dispensing device. 2,864,496, 12-16-58, Cl. 206-39.
- Ganz, Henry and W., and O. C. Bibby, to Permacel-Le Page's Inc. Tape winding apparatus. 2,855,161, 10-7-58, Cl. 242-68.
- Ganz, William: *See*—
Ganz, Henry and W., and Bibby. 2,855,161.
- Ganzert, Albert E.: *See*—
Hechler, Arthur C., and Ganzert. 2,846,663.
- Garand, John C. Inertia operated rate reducer for automatic firearms. 2,834,257, 5-15-58, Cl. 89-131.
- Garapoto, Orlando, to Wilson & Co., Inc. Hydraulic lift truck. 2,832,435, 4-29-58, Cl. 187-10.
- Garasimowicz, John D., to The Singer Mfg. Co. Needle-bar jogging mechanisms for sewing machines. 2,823,632, 2-18-58, Cl. 112-158.
- Garatoni, Paul P., to The American Brass Co. Proportional control system. 2,856,568, 10-14-58, Cl. 317-123.
- Garaventa, Ermanno, and G. G. Walker, Jr., to United Aircraft Corp. Cold rolling method of making hollow steel blades. 2,843,919, 7-22-58, Cl. 29-156.8.
- Garaway, Alexander. Electric resistance heater. 2,859,321, 11-4-58, Cl. 201-73.
- Garbade, William H., and N. K. Anderson; said Anderson assn. to said Garbade. Reversible slat assemblage. 2,857,634, 10-28-58, Cl. 20-62.
- Garbarino, America F., to Lewis-Shepard Co. Skid platform construction. 2,819,859, 1-14-58, Cl. 248-120.
- Garbe, Edmund M.: *See*—
Barber, Harry A., and Garbe. 2,846,786.
- Garber, Henry M. Curtain positioning means. 2,864,096, 12-16-58, Cl. 4-149.
- Garber, John D., to Merck & Co., Inc. 2,6-bis (3-methoxy-4-hydroxybenzyl) cyclohexanol. 2,839,584, 6-17-58, Cl. 260-613.
- Garber, John D., and H. C. Reynolds, to Merck & Co., Inc. Extraction of liquid hydrocarbons with 2,5-dihydroxymethyl tetrahydrofuran. 2,851,499, 9-9-58, Cl. 260-666.
- Garbo, Paul W., to Hydrocarbon Research, Inc. Process for the preparation of carbon monoxide and hydrogen from heavy oils. 2,821,465, 1-28-58, Cl. 48-215.
- Gardberg, Joseph, to Teletype Corp. Distortion signal generator. 2,865,997, 12-23-58, Cl. 178-69.
- Gardella, Adriano. Shiftable bottom plate and cheese carrier frame for bottomless suspended spinning cans. 2,843,996, 7-22-58, Cl. 57-57.76.
- Gardellin, Joseph G. Construction toy block. 2,843,971, 7-22-58, Cl. 46-26.
- Garden, James, Jr. Adjustable mirror assembly. 2,856,817, 10-21-58, Cl. 88-98.
- Garden, William D., and J. S. McFarlane, to Imperial Chemical Industries Ltd. Lubricating compositions. 2,832,740, 4-29-58, Cl. 252-49.9.
- Garden City Plating & Mfg. Co.: *See*—
Zurawski, Edward F. 2,849,595.
Zurawski, Edward F. 2,849,943.
- Gardener, Cornelius A., to Lockheed Aircraft Corp. Hydraulic locking cylinder. 2,861,549, 11-25-58, Cl. 121-40.
- Gardiner, Arthur W., to General Motors Corp. Multiflap variable nozzle. 2,828,602, 4-1-58, Cl. 60-35.6.
- Gardiner, Arthur W., to General Motors Corp. Variable pitch guide vanes. 2,862,654, 12-2-58, Cl. 230-114.
- Gardiner, Arthur W., A. W. Gaubatz, W. T. Nickel, J. Dolza, and P. W. Perish, to General Motors Corp. Engine controller. 2,833,356, 5-6-58, Cl. 170-135.74.
- Gardiner, Arthur W., and G. M. Ferry, to General Motors Corp. Variable nozzle actuating mechanism. 2,860,482, 11-18-58, Cl. 60-35.6.
- Gardiner, John, and J. S. Wallett, to Rolls-Royce Ltd. Aircraft reaction propulsion units and installations with means to produce reverse thrust. 2,849,861, 9-2-58, Cl. 60-35.54.
- Gardiner, Milton J. Fishing float. 2,849,827, 9-2-58, Cl. 43-44.9.
- Gardiner, Paul C., and A. F. Bischoff, to General Electric Co. High speed relay. 2,861,145, 11-18-58, Cl. 200-93.
- Gardner, Adryl W. Compaction method. 2,857,828, 10-28-58, Cl. 94-22.
- Gardner, Adryl W. Mixing apparatus. 2,865,268, 12-23-58, Cl. 94-40.
- Gardner, Bertha L. Article carrier. 2,832,521, 4-29-58, Cl. 224-54.
- Gardner, Clair C. Rotary cabinet with swivelled doors. 2,821,454, 1-28-58, Cl. 312-252.
- Gardner, Clair C. Magazine cabinet. 2,846,287, 8-5-58, Cl. 312-272.5.
- Gardner, Clarence J., Jr.: *See*—
Hart, Raymond G., and Gardner. 2,819,238.
- Gardner, Daniel. Magnesium alloy. 2,823,996, 2-18-58, Cl. 75-168.
- Gardner-Denver Co.: *See*—
Booth, William M. 2,864,464.
Chaffee, Walter C. 2,851,295.
Chaffee, Walter C., and Robinson. 2,854,870.
Robinson, Claude L. 2,857,789.
- Gardner, Dwight R., to The American Thread Co. Apparatus for feeding boxes. 2,846,116, 8-5-58, Cl. 221-67.
- Gardner, Edward M., to Merrill Brothers. Positive grip lifting clamp with direct hand lock. 2,852,300, 9-16-58, Cl. 294-104.
- Gardner, Eric K. Lifting and fluffing means for cotton harvesters. 2,832,185, 4-29-58, Cl. 56-28.
- Gardner, Gaylen H. Household aluminum foil crimper, sealer and decorator. 2,826,105, 3-11-58, Cl. 81-15.
- Gardner, Harold H., to Canadian Ingersoll-Rand Co., Ltd. Coal mining machine having a pivotally mounted cutter tube. 2,821,374, 1-28-58, Cl. 262-26.
- Gardner, Henry A.: *See*—
Hunter, Richard S. 2,832,257.
- Gardner, Horace L., Jr., to Fairchild Engine and Airplane Corp. Overspeed governor. 2,860,865, 11-18-58, Cl. 264-17.
- Gardner, James D.: *See*—
Bassinger, Ross, and Gardner. 2,859,733.
- Gardner, James H.: *See*—
Di Nardo, Albert, Gardner, and Robertson. 2,847,434.
Di Nardo, Albert, Gardner, Robertson, and Tewksbury. 2,824,131.
- Gardner, James H., to Escambia Chemical Corp. Production of high-molecular-weight ketones. 2,824,140, 2-18-58, Cl. 260-597.
- Gardner, James H., to Escambia Chemical Co. Borate of methyl alpha hydroxyisobutyrate. 2,847,444, 8-12-58, Cl. 260-462.
- Gardner, James H., E. F. Schoenbrunn, and N. C. Robertson, to Escambia Chemical Corp. Production of chemicals. 2,823,767, 2-18-58, Cl. 183-120.
- Gardner, James H., N. C. Robertson, and C. I. Tewksbury, to Escambia Chemical Corp. Polymeric oxidation product of an olefin and an alkane and process. 2,824,119, 2-18-58, Cl. 260-469.
- Gardner, James H., N. C. Robertson, and A. Di Nardo, to Escambia Chemical Corp. Process of producing alcohols by oxidatively polymerizing ethylene and subsequently hydrogenating. 2,824,142, 2-18-58, Cl. 260-638.
- Gardner, James H., and T. R. Steadman, to Escambia Chemical Corp. Process for the preparation of alpha nitrate- and alpha hydroxyisobutyric acids. 2,847,453, 8-12-58, Cl. 260-466.
- Gardner, James H., and C. I. Tewksbury, to Escambia Chemical Corp. Separation of formic acid from epoxides. 2,847,468, 8-12-58, Cl. 260-542.
- Gardner, James M.: *See*—
Piper, Frank R., and Gardner. 2,825,997.
- Gardner, Jimmy D.: *See*—
Lynes, John, Allen, and Gardner. 2,831,542.
- Gardner, Joseph H. S., to L. Gardner & Sons Ltd. Pistons of compression ignition engines. 2,821,445, 1-28-58, Cl. 309-10.
- Gardner, Karl A.: *See*—
Boni, Frank, Jr., Gardner, and Otten. 2,853,277.
- Gardner, L., & Sons Ltd.: *See*—
Gardner, Joseph H. S. 2,821,445.
- Gardner, Leland A., to Bell Telephone Laboratories, Inc. Teletypewriter switchboard trunk circuit. 2,850,562, 9-2-58, Cl. 178-2.
- Gardner, Louise M., $\frac{1}{2}$ to Gadget-Of-The-Month Club, Inc. Toilet seat hinge cover. 2,839,764, 6-24-58, Cl. 4-237.
- Gardner Machine Co.: *See*—
Dunn, Elman R. 2,826,008.
Price, Ralph E. 2,845,755.
- Gardner, Paul J., to Bendix Aviation Corp. Drying apparatus. 2,831,267, 4-22-58, Cl. 34-60.
- Gardner, Paul J., to Bendix Aviation Corp. Liquid circulation system. 2,843,142, 7-15-58, Cl. 137-205.
- Gardner, Paul J., to Bendix Aviation Corp. Liquid recirculation system. 2,860,785, 11-18-58, Cl. 210-195.
- Gardner, Ralph A.: *See*—
Jackson, Warren, Jr., and Gardner. 2,851,404.
- Gardner, Ralph A., and C. W. Seelbach, to The Standard Oil Co. Separation of xylene isomers by liquid thermal diffusion. 2,852,578, 9-16-58, Cl. 260-674.
- Gardner, Ralph T. Synchrotester case. 2,832,256, 4-29-58, Cl. 88-14.
- Gardner, Robert B.: *See*—
Martin, Howard W., and Gardner. 2,851,171.
- Gardner, Roland M.: *See*—
Terry, Roger M., and Gardner. 2,838,075.
- Gardner, Thomas E. Control device. 2,854,535, 9-30-58, Cl. 200-56.
- Gardner, Thomas E. Clip construction. 2,855,171, 10-7-58, Cl. 248-316.
- Gardner, Wallace W. Radial arm saw. 2,835,285, 5-20-58, Cl. 143-6.
- Garlocki, Joseph F., D. E. Hutcheon, G. D. Laubach, and S. Y. Pan, to Chas. Pfizer & Co., Inc. Tetrahydrozoline synergized veterinary depressant compositions and method of using same. 2,842,478, 7-8-58, Cl. 167-52.
- Gare, Morris R., to Eureka Products Co. Water purifying system for aquariums. 2,848,111, 8-19-58, Cl. 210-169.

- Garellick, Judith J., to Pulmosan Safety Equipment Corp. Respirator. 2,823,671, 2-18-58, Cl. 128-140.
- Garretson, Paul K., and A. Steitz, Jr., to Pan American Petroleum Corp. Process for preparation of ketones. 2,865,963, 12-23-58, Cl. 260-596.
- Garfield Engineering, Inc.: See—
Daniels, Richard C. 2,832,297.
- Garfield, Robert E. Sliding automobile seat attachment. 2,865,427, 12-23-58, Cl. 155-5.
- Gargini, Eric J., to Electric & Musical Industries Ltd. Television signal distribution apparatus utilizing line scanning pulses modulated on the frame scanning pulse. 2,836,649, 5-27-58, Cl. 178-5.6.
- Gargini, Eric J., to Electric & Musical Industries Ltd. Circuits for generating unidirectional voltages in television receivers. 2,852,718, 9-16-58, Cl. 315-27.
- Gargisa, Marion: See—
Gebelein, Charles F. W., Rudel, and Gargisa. 2,819,954.
- Garibaldi, Ernest. Automatic opener and closer for tooth paste and similar tubes. 2,830,733, 4-15-58, Cl. 222-92.
- Garipey, Henry J. Table slides. 2,825,613, 3-4-58, Cl. 311-71.
- Garih, Henri. Cutter with inserted blades. 2,855,658, 10-14-58, Cl. 29-105.
- Garine, Paul, to Yardney International Corp. Composite electrode for electric batteries and method of making same. 2,838,590, 6-10-58, Cl. 136-30.
- Garine, Paul, to Yardney International Corp. Electrical accumulators. 2,849,522, 8-26-58, Cl. 136-143.
- Garland, Anna. Weed removing tools. 2,860,001, 11-11-58, Cl. 294-50.6.
- Garland, Edward J., to The Electric Storage Battery Co. Flashlight construction. 2,852,632, 9-16-58, Cl. 200-60.
- Garland, Edward J., to The Electric Storage Battery Co. Flashlight construction. 2,852,633, 9-16-58, Cl. 200-60.
- Garland, Edward J., to The Electric Storage Battery Co. Flashlight construction. 2,852,634, 9-16-58, Cl. 200-60.
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- Garland, Edward J., to The Electric Storage Battery Co. Flashlight construction. 2,852,662, 9-16-58, Cl. 240-10.66.
- Garland, James E. Combination table and bench. 2,827,107, 3-18-58, Cl. 155-43.
- Garland, Milton W., to Frick Co. Refrigerant condenser. 2,830,797, 4-15-58, Cl. 257-43.
- Garland, Milton W., to Frick Co. Free flow evaporator. 2,854,828, 10-7-58, Cl. 62-394.
- Garland, Theodore F. Stratifier with suction separation. 2,824,644, 2-25-58, Cl. 209-423.
- Garlinghouse Brothers: See—
Dening, Robert D., and Garlinghouse. 2,854,222.
Dening, Robert D., and Garlinghouse. 2,856,133.
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- Garlinghouse, Leslie H.: See—
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- Garman, Donald F., to Tinnerman Products, Inc. Fastening device. 2,822,712, 2-11-58, Cl. 81-3.
- Garman, Edward B., to Owens-Illinois Glass Co. Container converted from shipping carton. 2,823,794, 2-18-58, Cl. 206-44.
- Garman, Edward B., to Owens-Illinois Glass Co. Carton convertible to display container. 2,827,162, 3-18-58, Cl. 206-44.
- Garman, Edward B., to Owens-Illinois Glass Co. Collapsible carton. 2,861,734, 11-25-58, Cl. 229-41.
- Garman, Victor F., to F. H. Bailly. Apparatus for introducing a sample into a fluid. 2,836,097, 5-27-58, Cl. 88-14.
- Garmon, Thelbert W. Frame for tilt-up wall. 2,858,031, 10-28-58, Cl. 214-1.
- Garner, Claude M., J. Roos, Jr., and J. A. Wright, to White-Rodgers Co. Electromagnetic valve. 2,829,860, 4-8-58, Cl. 251-129.
- Garner, Clifford S., and I. B. Johns, to United States of America, Atomic Energy Commission. Preparation of halides of plutonium. 2,851,332, 9-9-58, Cl. 23-14.5.
- Garner, Harold K., to United States Rubber Co. Vinyl chloride-dialkyl maleate copolymerization process. 2,839,509, 6-17-58, Cl. 260-78.5.
- Garner, Harold K., H. F. Jordan, and W. V. Smith, to United States Rubber Co. Internally plasticized polymers of vinyl chloride. 2,845,404, 7-29-58, Cl. 260-78.5.
- Garner, James R.: See—
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- Garner, Philip J.: See—
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- Garner, Philip J., to Shell Development Co. Cyclic esters of boric acid. 2,839,564, 6-17-58, Cl. 260-462.
- Garner, Russell F., to Robertshaw-Fulton Controls Co. Control device. 2,822,447, 2-4-58, Cl. 200-140.
- Garner, Wayne C., and G. Brookshire, ½ to V. W. Boswell. Counting device for conveyor mechanisms. 2,844,318, 7-22-58, Cl. 235-98.
- Garner, William H., to E. L. Bruce Co. Method of filling and sanding rotary cut ring porous hardwood. 2,827,389, 3-18-58, Cl. 117-8.
- Garner, William H. Combination feeding nipple. 2,831,484, 4-22-58, Cl. 128-252.
- Garnero, Henry R.: See—
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- Garnett, Bernarr J., to Northrop Aircraft, Inc. Dolly including a winch mechanism. 2,846,092, 8-5-58, Cl. 214-85.
- Garnier, Georges, to Air-Equipement. Torque limiters with thermal release. 2,855,769, 10-14-58, Cl. 64-30.
- Garnier, Jacques, to Physique & Mecanique S. A. Societe Anonyme suisse. Vehicle having composite propulsion means. 2,856,014, 10-14-58, Cl. 180-9.1.
- Garnier, Jacques, and R. Haze, to Societe d'Etudes et de Recherches Pour Engins Mecaniques (S. E. R. E. M.). Change speed gearings. 2,857,772, 10-28-58, Cl. 74-359.
- Garno, George E., to The International Paper Box Machine Co. Micrometer block apparatus. 2,853,570, 9-23-58, Cl. 200-61.42.
- Garofalo, Carmine. Screwdriver. 2,836,210, 5-27-58, Cl. 145-50.
- Garrard, Bruce. Time switch. 2,855,476, 10-7-58, Cl. 200-38.
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- Garretson, Owen L. Tank mounting adjacent radiator for vehicles burning gaseous fuels. 2,821,259, 1-28-58, Cl. 180-54.
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Chapman, Harvey G., Jr. 2,858,947.
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Drexel, Charles F. 2,822,667.
Egli, Hans. 2,860,827.
Fischer, Richard A., and Mauldin. 2,830,521.
Green, Frederick H. 2,819,590.
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Jensen, Raymond W. 2,821,414.
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Lynn, Rodney S. 2,852,042.
Lones, Dain B., and Westman. 2,833,899.
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McCormack, William H. 2,835,749.
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Rhodes, William A., and Etches. 2,860,850.
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Shepard, Edward S., Sr. 2,852,243.
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- Garrett, Elmer E.: See—
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- Garrett, Francis A. Method of securing thermometer tubes to a base. 2,841,010, 7-1-58, Cl. 73-376.
- Garrett, Frederick W., and R. A. Skimin, to Union Carbide Corp. Method of producing titanium. 2,826,493, 3-11-58, Cl. 75-84.5.
- Garrett, Gilbert J. Centrifuge heating attachment. 2,854,189, 9-30-58, Cl. 233-11.
- Garrett, Harry S., to Moore Products Co. Vacuum leak testing apparatus. 2,855,777, 10-14-58, Cl. 73-40.
- Garrett, Henry U., and C. M. Peters, to U. S. Industries, Inc. Well apparatus. 2,818,925, 1-7-58, Cl. 166-131.
- Garrett, Henry U., and N. F. Brown, to U. S. Industries, Inc. Well apparatus. 2,838,005, 6-10-58, Cl. 103-52.
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- Garrett, James J.: See—
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- Garrett, Richard A., to Armstrong Cork Co. Textile fiber unit. 2,860,382, 11-18-58, Cl. 19-143.
- Garrett, Robert Y., and J. M. Whitney, to The B. F. Goodrich Co. Stabilization of acrylonitrile. 2,829,152, 4-1-58, Cl. 260-465.9.
- Garrett, Vilas N.: See—
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- Garrido, Fernando. Invisible zipper pocket. 2,840,825, 7-1-58, Cl. 2-252.
- Garrigus, Richard H., to Thomas Electronics, Inc. Production of kinescope targets. 2,827,390, 3-18-58, Cl. 117-8.5.
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- Garriott, Francis E., to Ampco Metal, Inc. Aluminum bronze weld rod. 2,820,726, 1-21-58, Cl. 117-207.
- Garris, James T. Fire fighter's shield. 2,823,744, 2-18-58, Cl. 160-135.

- Garris, William V., to Georgia Iron Works Co. Sealing system for centrifugal pumps. 2,865,300, 12-23-58, Cl. 103-111.
- Garrison, Allen D., to Texaco Development Corp. Detection and measurement of penetrative radiation. 2,829,264, 4-1-58, Cl. 250-71.
- Garrison, Allen D., to Texaco Development Corp. Electrical analogues. 2,838,233, 6-10-58, Cl. 235-61.
- Garrison, Beatrice. Adjustable tray for automobile steering wheel. 2,856,251, 10-14-58, Cl. 311-21.
- Garrison, Clifford L., to Oliver Instrument Co. Cooling system and apparatus for abrasive wheels. 2,826,019, 3-11-58, Cl. 51-267.
- Garrison, James O.: *See—*
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- Garrison Machine Works, Inc.: *See—*
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- Garrison, Marion A., to Empire Oil Tool Co. Side wall coring and bottom hole drilling tool. 2,852,230, 9-16-58, Cl. 255-1.4.
- Garrison, Ralph P. and J. O., and D. D. Walker, to Garrison Machine Works, Inc. Gear chuck. 2,820,641, 1-21-58, Cl. 279-106.
- Garrison, Ralph P. and J. O., and D. D. Walker, to Garrison Machine Works, Inc. Centrifugal chuck. 2,839,307, 6-17-58, Cl. 279-1.
- Garrison, Robert A. Power steering apparatus and control valve therefor. 2,824,447, 2-25-58, Cl. 180-79.2.
- Garritsen, Johan W., and J. H. Ottenheim, to Stamicarbon N. V. Process of preparing alkene nitriles. 2,827,476, 3-18-58, Cl. 260-465.9.
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- Garrity, Robert K. Insect and debris deflector. 2,857,973, 10-28-58, Cl. 180-69.
- Garrow, Gerard L.: *See—*
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- Garson, Arthur. Brassieres. 2,857,916, 10-28-58, Cl. 128-489.
- Garson, Edwin H. Sun-tanning chair. 2,834,351, 5-13-58, Cl. 128-377.
- Garst, Arthur W., to Pan American Petroleum Corp. Method for removing water from oil sands. 2,851,105, 9-9-58, Cl. 168-42.
- Gartland, Albert J.: *See—*
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- Gartland, Albert J., Jr., and H. W. Uhrig, to General Electric Co. Speed control and reversing switch. 2,841,664, 7-1-58, Cl. 200-18.
- Gartman, Frank. Fish lure. 2,829,463, 4-8-58, Cl. 43-42.49.
- Gartner, Stanley J.: *See—*
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- Gartner, Stanley J., to Sylvania Electric Products Inc. Traying device. 2,821,825, 2-4-58, Cl. 53-74.
- Gartner, Stanley J., and H. W. Roerber, to Sylvania Electric Products Inc. Tubulating machine and method. 2,826,004, 3-11-58, Cl. 49-2.
- Gartrell, Charles W. and K. W. Cigarette package. 2,849,154, 8-26-58, Cl. 221-260.
- Gartrell, Kathryn W.: *See—*
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- Garvenswerke Maschinen-, Pumpen- und Waagenfabrik W. Garvens: *See—*
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- Garvey, Bruce J., and C. Schaefer, to P. R. Mallory & Co. Inc. Alkaline dry cell. 2,859,266, 11-4-58, Cl. 136-111.
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- Garvey, Louis P.: *See—*
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- Garvey, Louis P., and C. S. Semar, to General Motors Corp. Seat adjusting mechanism. 2,858,878, 11-4-58, Cl. 155-14.
- Garvey, Louis P., H. A. Mackie, and C. H. Schamel, to General Motors Corp. Actuator mechanism. 2,847,937, 8-19-58, Cl. 103-3.
- Garvin, Walter W., and G. A. Schurman, to California Research Corp. Seismic cross-section plotting calculator. 2,858,069, 10-28-58, Cl. 235-61.
- Garwin, Leo, to Kerr-McGee Oil Industries, Inc. Method of converting non-homogeneous asphalt to homogeneous asphalt and product. 2,822,282, 2-4-58, Cl. 106-232.
- Garwin, Leo, and J. M. Winterbottom, 10% to J. D. Wolfe. Process for separating zinc chloride from zinc sulfate. 2,860,038, 11-11-58, Cl. 23-299.
- Garwin, Richard L., and R. M. Walker, to International Business Machines Corp. Spin echo technique and apparatus. 2,832,061, 4-22-58, Cl. 340-173.
- Garwood, Victor W., and P. E. Goreham, to Lamson Paragon Ltd. Carbon transfer material with alarm means for an imprinting machine. 2,821,284, 1-28-58, Cl. 197-134.
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- Garza, Luis R.: *See—*
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- Gash, Leland D. Variable kicker attachment. 2,832,272, 4-29-58, Cl. 93-93.
- Gash, Virgil W., to Monsanto Chemical Co. Steroid esters and method of making same. 2,857,404, 10-21-58, Cl. 260-397.4.
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- Gaskell, Walter L., to King-Seely Corp. Arbor saw with single handle control of tilt and elevation. 2,844,173, 7-22-58, Cl. 143-36.
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- Gaskill, George M., and M. G. Wright, to General Motors Corp. Combined signal seeking push button and manual tuner. 2,852,944, 9-23-58, Cl. 74-10.
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- Gaspar, Bela, and P. D. P. Dreyfuss; said Dreyfuss assor. to said Gaspar. Azo dyes and their method of preparation. 2,844,574, 7-22-58, Cl. 260-144.
- Gaspario, Martin S. Protector. 2,837,020, 6-3-58, Cl. 98-115.
- Gaspario, Martin S. Tandem hitch for farm tractors. 2,849,073, 8-26-58, Cl. 180-14.
- Gasparini, Gino L.: *See—*
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- Gasparotti, John J., to Knapp-Monarch Co. Motor cut-off for electrical mixing appliance. 2,847,199, 8-12-58, Cl. 259-135.
- Gasper, Robert R., to Western Electric Co. Inc. Apparatus for inserting and removing pins. 2,834,099, 5-13-58, Cl. 29-257.
- Gasper, Robert R., to Western Electric Co. Inc. Tool-setting apparatus. 2,850,807, 9-9-58, Cl. 33-185.
- Gasper, Robert R., and R. A. Greener, to Western Electric Co. Inc. Apparatus for cutting and forming wire. 2,830,625, 4-15-58, Cl. 140-104.
- Gassman, Leona P.: *See—*
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- Gassman, Lester S. Optical device. 2,821,977, 2-4-58, Cl. 128-76.5.
- Gassmann, Johannes, to Daimler-Benz Akt. Intake manifold, for internal combustion engines. 2,835,235, 5-20-58, Cl. 123-52.
- Gassner, Hans, to Kugelfischer Georg Schafer & Co. Oscillating sleeve for spinning spindles. 2,819,583, 1-14-58, Cl. 57-134.
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- Gast, Theodor A. M.: *See—*
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- Gastinger, Ekkehard, to Centre National d'Etudes des Télécommunications. Coating process forming layers of germanium. 2,831,784, 4-22-58, Cl. 117-201.
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- Gastrock, Edward A.: *See—*
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- Gates, Albert G. R., to Gestetner Ltd. Stencil duplicating machines. 2,821,129, 1-28-58, Cl. 101-118.
- Gates, Benjamin G.: *See—*
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- Gates, Charles W.: *See—*
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- Gates, Dale: *See—*
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- Gates, Earl J., to Servco Equipment Co. Steam table. 2,847,552, 8-12-58, Cl. 219-43.
- Gates, Hessler, H., to Ex-Cell-O Corp. Gage. 2,854,759, 10-7-58, Cl. 33-178.
- Gates, James T., to The Cleveland Pneumatic Tool Co. Ball retainer for ball screws. 2,833,157, 5-6-58, Cl. 74-459.
- Gates, James T., to Cleveland Pneumatic Industries, Inc. Ball screw and nut construction. 2,855,792, 10-14-58, Cl. 74-459.
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- Gates, John W., Jr., and W. F. Fowler, Jr., to Eastman Kodak Co. Polymeric hydrosols comprising an unsaturated protein derivative and a combination of unsaturated monomers. 2,853,457, 9-23-58, Cl. 260-8.
- Gates, John W., Jr., J. R. Dann, and B. D. Illingsworth, to Eastman Kodak Co. Method for storing hydrosols in a dry reusable state. 2,856,371, 10-14-58, Cl. 260-8.
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- Gatiss, Albert L., to Brockhouse Engineering Ltd. Hydrokinetic transmission apparatus for vehicles. 2,866,361, 12-30-58, Cl. 74-732.
- Gatling, Anthony D.: See—
- Pumphrey, Howard F., and Gatling. 2,855,158.
- Gatsis, John G.: See—
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- Gatsis, John G., to Universal Oil Products Co. Treatment of wood tar distillate. 2,862,975, 12-2-58, Cl. 260-613.
- Gatti, Arno: See—
- Fullman, Robert L., and Gatti. 2,842,469.
- Gattone, Daniel H., to Birch & Gattone, Inc. Dispensing adaptor for disposable aerosol units. 2,865,370, 12-23-58, Cl. 128-173.
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- Gatward, Harry F. Carrier bags. 2,836,344, 5-27-58, Cl. 229-54.
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- Gatzert, Ernest H., to General Dynamics Corp. Test connector system. 2,831,930, 4-22-58, Cl. 179-175.2.
- Gatzert, Ernest H., to General Dynamics Corp. Interoffice trunking in telephone systems. 2,836,660, 5-27-58, Cl. 179-18.
- Gatzert, Ernest H., to General Dynamics Corp. Automatic telephone system. 2,843,672, 7-15-58, Cl. 179-6.31.
- Gatzert, Ernest H., to General Dynamics Corp. Drop-back type selector. 2,847,510, 8-12-58, Cl. 179-18.
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- Gatzert, Ernest H., to General Dynamics Corp. Telephone system. 2,863,944, 12-9-58, Cl. 179-7.1.
- Gaubatz, Arthur W.: See—
- Gardiner, Arthur W., Gaubatz, Nickel, Dolza, and Perish. 2,833,356.
- Irwin, Edmund M., Boyer, Gaubatz, and Wente. 2,851,113.
- McDowall, Charles J., Gaubatz, Wente, and Irwin. 2,860,712.
- Gaubatz, Arthur W., to General Motors Corp. Liquid transfer system. 2,826,147, 3-11-58, Cl. 103-5.
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- Carkeek, Charles R., Eastman, and Gaucher. 2,864,560.
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- Gaugler, Herman W. Adjustable furniture support hardware. 2,830,653, 4-15-58, Cl. 155-161.
- Gaugler, Richard S., to General Motors Corp. Refrigerating apparatus. 2,863,179, 12-9-58, Cl. 20-4.
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- Gauld, John, to Steel City Testings Machines, Inc. Proving ring. 2,830,451, 4-15-58, Cl. 73-141.
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- Gaunt, Thomas N., to Switzer Brothers, Inc. Fluorescent compositions. 2,851,423, 9-9-58, Cl. 252-301.2.
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- Cunningham, George L., Bryant, and Gause. 2,829,946.
- Gauthy, Louis A.: See—
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- Gawlik, Paul A. Hydraulic pump. 2,849,961, 9-2-58, Cl. 103-121.
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- Gear Grinding Machine Co., The: *See* -
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- Gebhart, Julius C.: *See* -
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- Gebr. Bohler & Co. Aktiengesellschaft: *See* -
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- Gee, Frank H., to Geeco, Inc. Combination sign and illuminating means for telephone booths. 2,821,038, 1-28-58, Cl. 40-132.
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- Geen, Cory P., to Industrial Devices Inc. Spindle assembly. 2,856,749, 10-21-58, Cl. 57-101.
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- Geen, Henry C., to Simoniz Co. Polishing composition. 2,851,369, 9-9-58, Cl. 106-10.
- Geen, Henry C., to Simoniz Co. Polishing composition. 2,856,297, 10-14-58, Cl. 106-3.
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- Geer, William J., to General Motors Corp. Valve rotator. 2,827,886, 3-25-58, Cl. 123-90.

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- Geeven, Gomar M. A. C.: *See*—
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- Gegenheimer, Harold W., and S. D. Robins, to William Gegenheimer Co., Inc. Ink roller vibrating mechanism. 2,826,989, 3-18-58, Cl. 101-348.
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- Lucas, Chester H. 2,851,948.
- Geh, Eugene B., and H. V. McMahon, to Oakite Products, Inc. Tank cleaning apparatus. 2,858,836, 11-4-58, Cl. 134-167.
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- Haffiger, Franz, and Pfister. 2,831,865.
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- Stoll, Willy, Graf, and Schmid. 2,858,318.
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- Geiss, Harry S. Sleeve structure for garments. 2,839,756, 6-24-58, Cl. 2-125.
- Geissbuhler, John O.: *See*—
- Meese, George E., and Geissbuhler. 2,858,467.
- Geissbuhler, John O., to General Electric Co. Apparatus for mounting filaments. 2,824,356, 2-25-58, Cl. 29-25.2.
- Geistlich, Ed., Sohne A. G. für Chemische Industrie: *See*—
- Horstetter, Emil. 2,851,393.
- Geisz, Henry F. Paint remover and brush flattener. 2,827,648, 3-25-58, Cl. 15-121.2.
- Geiszler, Adolph O.: *See*—
- Weston, Arthur W., Jeffries, and Geiszler. 2,850,531.
- Geiszler, Martin, to Hydraulic Tool and Equipment Co., Inc. Scarifier and scraper. 2,839,851, 6-24-58, Cl. 37-145.
- Gelb, Herbert, to Joseph Gelb Co. Vacuum frame apparatus. 2,826,976, 3-18-58, Cl. 95-76.
- Gelb, Joseph, Co.: *See*—
- Gelb, Herbert. 2,826,976.
- Gelbert, Heinrich: *See*—
- Sixt, Hans. 2,860,589.

- Gelblum, Stanley : *See*—
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- Gelbman, Lawrence F. Electric concrete molding process. 2,841,856, 7-8-58, Cl. 25-155.
- Gelbspan, Gene A. : *See*—
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- Geldbach, Alfred : *See*—
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- Geldhof, Peter E., to Whirlpool Corp. Condenser for clothes drier. 2,828,550, 4-1-58, Cl. 34-75.
- Geldhof, Peter E., to Whirlpool Corp. Combination washing and drying machine. 2,833,137, 5-6-58, Cl. 68-19.
- Geldhof, Peter E., to Whirlpool Corp. Combined clothes washer and drier. 2,834,121, 5-13-58, Cl. 34-75.
- Geldhof, Peter E., to Whirlpool Corp. Laundry drying machine. 2,865,111, 12-23-58, Cl. 34-95.
- Geldhof, Peter E., to Whirlpool Corp. Condenser particularly adopted for clothes driers and the like. 2,866,273, 12-30-58, Cl. 34-75.
- Geldhof, Peter E., and R. E. Lake, to Whirlpool Corp. Anti-siphoning fluid inlet system for washing machines. 2,818,720, 1-7-58, Cl. 68-207.
- Geldhof, Peter E., and C. A. Cobb, to Whirlpool Corp. Combined washer and drier. 2,843,943, 7-22-58, Cl. 34-75.
- Gelfand, Nathan M., to Ideal Toy Corp. Racing game. 2,828,129, 3-25-58, Cl. 273-86.
- Gell, Dennis, to The Charnwood Engineering Co. Ltd. Circular knitting machine and method of knitting. 2,856,762, 10-21-58, Cl. 66-48.
- Gell, Philip A. M., and D. G. Hann, to Elemelt Ltd. Method of and furnace for melting or refining glass. 2,863,932, 12-9-58, Cl. 13-6.
- Gellatly, John S. : *See*—
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- Geller, James W. Vehicle body straightening tool. 2,835,154, 5-20-58, Cl. 81-15.
- Geller, Julius : *See*—
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- Gellert, Hans, Georg : *See*—
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- Gellin, Milton E. Platform for use in dental and medical treatment of children. 2,823,733, 2-18-58, Cl. 155-165.
- Gelling, Helmut, to Walther Büromaschinen Gesellschaft m. b. H. Actuating mechanism for calculating machines. 2,824,691, 2-25-58, Cl. 235-61.
- Gelling, Helmut, to Walther Büromaschinen Gesellschaft m. b. H. Drive coupling. 2,841,259, 7-1-58, Cl. 192-51.
- Gellman, Allen B. Carryall. 2,825,345, 3-4-58, Cl. 132-79.
- Gellman, Allen B. Pyrophoric lighter. 2,865,185, 12-23-58, Cl. 67-71.
- Gellman Mfg. Co. : *See*—
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- Gellos, Alexander T., to The Liquidometer Corp. Liquid contents gauging means for liquid oxygen containers and the like. 2,856,773, 10-21-58, Cl. 73-304.
- Gelpi, Maurice J. : *See*—
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- Gelpi, Maurice J., and W. D. Wilkinson, to Westinghouse Electric Corp. Fluid cooled transformers. 2,836,802, 5-27-58, Cl. 336-62.
- Gelsenkirchener Bergwerks Aktiengesellschaft : *See*—
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- Gelzheiser, Francis L., and H. D. Dorfman, to Westinghouse Electric Corp. Mounting means for circuit breakers. 2,836,687, 5-27-58, Cl. 200-168.
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- Gem Thermometer Co. : *See*—
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- Gemassmer, Alois, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of 1,4-diisocyanatobenzene. 2,824,117, 2-18-58, Cl. 260-453.
- Gemassmer, Alois, to Farbenfabriken Bayer Akt. Production of isocyanates. 2,837,554, 6-3-58, Cl. 260-453.
- Gemignani, Julius A., to Western Electric Co., Inc. Tension gauge for testing the bond between brazed parts. 2,821,080, 1-28-58, Cl. 73-88.
- Gemma, Charles A. Lubricated gate valve. 2,858,844, 11-4-58, Cl. 137-246.
- Gemme, Leon H., to L. Farber Welting Co. Flat top bead welt. 2,835,991, 5-27-58, Cl. 36-78.
- Gemmer, Erwin, to Knapsack-Griesheim Akt. Fluidized bed coating process. 2,844,489, 7-22-58, Cl. 117-20.
- Gempe, Erich, to Württembergische Metallwarenfabrik. Apparatus for producing galvanic coatings. 2,828,255, 3-25-58, Cl. 204-199.
- Gempe, Erich, to Württembergische Metallwarenfabrik. Apparatus for producing galvanic coatings. 2,828,256, 3-25-58, Cl. 204-199.
- Gemperle, Albert R., and J. J. Schilf, to American Cyanamid Co. Production of microspheroidal catalysts. 2,831,652, 4-22-58, Cl. 252-448.
- Gemseo, Inc. : *See*—
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- Genasci, Donald B. True vertical indicator. 2,859,725, 11-11-58, Cl. 116-124.
- Genco, Dominick. Page holders or like articles. 2,837,802, 6-10-58, Cl. 24-66.
- Genco, Inc. : *See*—
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Kordek, Steven F. 2,858,390.
- Gency, William E., to Unique Balance Co. Adjustable foot mechanism for sash balances. 2,826,781, 3-18-58, Cl. 16-197.
- Gendron, Louis P. Spark plugs. 2,852,713, 9-16-58, Cl. 313-123.
- General American Transportation Corp. : *See*—
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- General Aniline & Film Corp. : *See*—
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 Boyd, Malcolm R. 2,843,797.
 Boyd, Malcolm R., and McNary. 2,859,571.
 Boynton, Erwin R. 2,835,437.
 Branch, Garland M. 2,824,257.
 Breeding, Harold A., and Martt. 2,838,717.
 Brennan, Daniel H. 2,857,540.
 Brenner, Siegfried S. 2,842,468.
 Brenner, Siegfried S., and Morelock. 2,836,524.
 Brezozsky, Bernard J. 2,828,085.
 Brezozsky, Bernard J., and Moore. 2,819,028.
 Britten, Harold H. 2,849,662.
 Broadley, Harry R., Jr. 2,852,646.
 Broverman, Michael. 2,834,829.
 Brown, Edgar D., Jr. 2,830,953.
 Brown, John F., Jr. 2,837,578.
 Brown, Leonard, Migliorini, Lenz, and Smitley. 2,821,158.
 Brusdal, Olaf. 2,849,894.
 Burch, James R. 2,859,298.
 Burgess, Neil, and Warner. 2,849,209.
 Burnett, Robert E. 2,821,520.
 Burns, Paul E., and Childs. 2,856,603.
 Burt, Wesley S. 2,824,286.
 Busch, Floyd H. 2,836,795.
 Cady, Charles E. 2,862,371.
 Caldwell, Richard G. 2,844,917.
 Camilli, Guglielmo, Liao, and Plump. 2,853,540.
 Camilli, Guglielmo, and Tootill. 2,836,788.
 Carbary, Richard J. 2,861,695.
 Carew, Arthur W. 2,860,942.
 Carlson, George. 2,848,134.
 Carlson, George. 2,856,592.
 Carpenter, Thomas J., and Smith. 2,834,855.
 Cates, Julius. 2,824,262.
 Chamberlin, James A., and Sweet. 2,839,947.
 Charewicz, Francis J., and Smith. 2,834,856.
 Chow, Woo F. 2,826,647.
 Chow, Woo F. 2,863,995.
 Christensen, Horace H. 2,819,030.
 Christensen, Horace H. 2,819,031.

Clark, Albert G. 2,819,423.
 Clark, Albert G. 2,838,034.
 Clark, Albert G. 2,842,937.
 Clark, Albert G. 2,858,672.
 Clark, David L. 2,846,776.
 Clark, Edward B. 2,856,580.
 Clark, Frank M. 2,841,633.
 Clark, Kendall. 2,858,687.
 Clarke, Maurice G., and Privett. 2,823,337.
 Clawson, John H. 2,836,744.
 Coggeshall, Almy D. 2,844,746.
 Coggeshall, Thellwell R., and Bany. 2,862,194.
 Coggeshall, Thellwell R., and Tognella. 2,846,621.
 Cohen, David. 2,838,002.
 Columbe, Maynard J. 2,826,701.
 Condit, Robert E. 2,836,047.
 Conlee, George D. 2,835,122.
 Conlee, George D. 2,841,003.
 Cook, Clinton D. 2,837,724.
 Cook, Clinton D., and Plump. 2,866,142.
 Cook, Ellsworth D. 2,834,202.
 Cook, Ellsworth D. 2,866,376.
 Cook, Leonard W. 2,841,669.
 Cooper, Kenneth K. 2,830,756.
 Copeland, William M. 2,846,936.
 Copeland, William M., and Wakeman. 2,862,657.
 Cox, Bonnar, and Goldberg. 2,863,137.
 Crandell, Robert B., Maulshagen, and Samsel. 2,829,361.
 Cronin, Edward F., Mezzack, and Harrington. 2,859,724.
 Crowley, George C. 2,820,085.
 Crowley, George C. 2,831,099.
 Crowley, George C., Gordon, and Wise. 2,847,546.
 Cruickshank, Ira G. 2,836,230.
 Cummin, Alfred S., Hutzler, and Graham. 2,819,492.
 Cummines, Harold R. 2,862,107.
 Cunningham, Eldon R. 2,843,346.
 Cuthbertson, William J. 2,820,953.
 Cutler, Leon H. 2,848,659.
 Dahlgren, John A. 2,828,178.
 Dally, Roy. 2,820,853.
 Davey, Peter E., and Patterson. 2,836,305.
 Day, Robert G., and Leeds. 2,847,628.
 Dayton, Carl S. 2,845,156.
 Dayton, Carl S. 2,851,909.
 Deavers, Clyde J. 2,836,061.
 De Jean, Milton V., and Gray. 2,822,483.
 Dell, Paul A., and Ebchard. 2,841,002.
 De Michele, Dominick J. 2,853,764.
 De Michele, Dominick J. 2,854,646.
 Demirjian, Stephen G. 2,857,267.
 De Noyers, Emil J. 2,845,821.
 Dewey, Clyde G. 2,834,932.
 Dewey, Clyde G. 2,846,620.
 De Witt, Jon S. 2,866,121.
 Dick, Roscoe S. 2,853,037.
 Dickinson, Daniel S. 2,826,217.
 Dierstein, Roy H., and Podolsky. 2,862,045.
 Dilts, Lee E. 2,858,008.
 Dilts, Lee E., and Hollopetre. 2,845,200.
 Dochterman, Richard W. 2,850,336.
 Dodson, Harold L. 2,835,841.
 Dome, Robert B. 2,831,916.
 Dome, Robert B. 2,831,918.
 Dome, Robert B. 2,836,716.
 Dome, Robert B. 2,863,997.
 Dorsey, Robert T. 2,825,040.
 Doyle, William C. 2,862,416.
 Dunham, Robert W. 2,829,222.
 Dunkelman, Robert L. 2,851,788.
 Dunkelman, Robert L. 2,851,789.
 Dunlap, William C., Jr. 2,860,218.
 Dutton, John C. 2,823,247.
 Dutton, John C. 2,849,528.
 Ebeling, Dolph G. 2,842,439.
 Eberle, Raymond L. 2,829,355.
 Eckenfels, Henry A., and Jensen. 2,842,305.
 Edwards, Monte W., and Murohy. 2,862,336.
 Eggenberger, Markus A. 2,830,441.
 Eggenberger, Markus A. 2,863,289.
 Eichelberger, Charles D., and Lester. 2,840,652.
 Ellenberger, Francis R. 2,826,749.
 Ellis, Charles R., and Reinsmith. 2,844,800.
 Emmerlinz, Anson A. 2,845,795.
 Endicott, Harold S., and Ledges. 2,863,721.
 Erickson, Clifford E. 2,838,845.
 Ericson, Franklin R. 2,821,094.
 Etherington, Theodore L. 2,841,965.
 Eustance, John W. 2,820,019.
 Evans, Howard J. 2,856,552.
 Fabel, George W. 2,852,712.
 Favre, John A. 2,829,737.
 Favre, John A. 2,861,144.
 Fehr, Edith B., and Haase. 2,849,639.
 Fehr, Joseph A., Jr. 2,830,863.
 Feiertag, Karl M. 2,845,198.
 Feiertag, Karl M., and Goss. 2,843,771.
 Felts, Herman, and Riddington. 2,832,127.
 Fiedler, Edmond F., and Florentine. 2,859,203.
 Finlayson, Frank E. 2,861,363.
 Fischer, William R. 2,825,025.
 Fischer-Colbrie, Erwin P. 2,842,696.
 Fisher, Alec, and Penn. 2,837,669.

General Electric Co.: See—Continued

Fitzgerald, Albert J. 2,849,267.
 Florentine, Frank P., Jr., and Fiedler. 2,859,204.
 Foley, Albert H. 2,846,643.
 Foley, Robert T., and Raymond. 2,846,759.
 Foley, Thomas F. 2,836,453.
 Fonda, Allen B. 2,826,471.
 Foote, Alton G., and Hodge. 2,864,025.
 Foote, Alton G., and Levand. 2,855,265.
 Fornwalt, Max B. 2,829,217.
 Fornwalt, Max B. 2,856,566.
 Foster, Raymond F. 2,838,618.
 Foster, Raymond F. 2,852,602.
 Foulds, Arthur E. 2,836,801.
 Foulds, John P. 2,833,916.
 Foulke, Ted E. 2,824,985.
 Freegard, Ernest M. 2,840,889.
 Freeman, John D., and Baranowski. 2,829,663.
 Frost, Randolph R., and Adams. 2,862,187.
 Fullman, Robert L., and Gatti. 2,842,469.
 Fyler, George W. 2,836,812.
 Gabrielson, Samuel. 2,828,627.
 Gaines, George L., Jr. 2,842,183.
 Gardiner, Paul C., and Bischoff. 2,861,145.
 Gartland, Albert J., Jr., and Uhlig. 2,841,664.
 Geiger, Walter J. 2,821,649.
 Geiser, Kenneth R., and Wiley. 2,860,507.
 Geissbuhler, John O. 2,824,356.
 George, Philip D., and Newkirk. 2,837,552.
 Ghandhi, Sorab K. 2,863,068.
 Gilbert, Alfred R., and Cooper. 2,842,580.
 Gilbert, Alfred R., and Kantor. 2,837,494.
 Gilbert, Alfred R., and Precopio. 2,835,651.
 Giles, Jack W. 2,860,330.
 Gillie, Harmon A. 2,836,745.
 Gitzendanner, Louis G. 2,821,684.
 Gitzendanner, Louis G. 2,852,772.
 Gitzendanner, Louis G., and Falk. 2,855,572.
 Glassanos, Andrew. 2,847,650.
 Godbarsen, Robert, Jr. 2,840,716.
 Goliber, Edward W. 2,841,862.
 Goodwin, John T., Jr. 2,857,356.
 Gordon, Walter H., Jr. 2,847,547.
 Gordon, Walter H., Jr., and Wise. 2,847,548.
 Gordy, Thomas D. 2,821,688.
 Gorsuch, John T. 2,856,667.
 Gottschalk, Klaus. 2,845,557.
 Gottschalk, Klaus. 2,849,632.
 Granman, William D. 2,823,661.
 Graser, Michael, Jr. 2,839,600.
 Grattidge, Walter. 2,820,727.
 Gray, Willard F. M., and Wheeler. 2,863,130.
 Grimshaw, Charles S. 2,859,526.
 Gross, Charles H. 2,857,204.
 Grovemiller, Dale A., and Elam. 2,864,067.
 Grubb, Willard T., Jr. 2,861,116.
 Grube, Frederick J., and Hollopetre. 2,840,886.
 Gruen, Wolf J. 2,828,419.
 Gruen, Wolf J. 2,833,923.
 Gruen, Wolf J. 2,837,595.
 Gruen, Wolf J. 2,848,562.
 Gruen, Wolf J., and Foster. 2,825,756.
 Gundert, Eberhard, and Vibrans. 2,859,378.
 Gurewitsch, Anatole M. 2,830,222.
 Gurewitsch, Anatole M. 2,858,972.
 Guth, Lauren W. 2,836,186.
 Hahn, Clarence E., and Meieran. 2,830,107.
 Hall, Robert N. 2,822,308.
 Hall, Robert N. 2,822,309.
 Halsted, Richard E. 2,836,766.
 Hamann, Omer F. 2,855,530.
 Hamm, Clarence L. 2,838,348.
 Hamm, Clarence L. 2,844,745.
 Hammesfahr, Frederic W., and Hatch. 2,834,753.
 Hammesfahr, Frederic W., Hatch, and Luckhowec. 2,822,327.
 Hansel, Grant, Jr. 2,855,295.
 Hansen, Albert, Jr. 2,841,760.
 Hansen, Carl W. 2,853,622.
 Hansen, Wilbur O. 2,852,739.
 Hanson, Richard J. 2,840,733.
 Hardy, Albert L. 2,864,100.
 Hardy, Albert L., and Jenkins. 2,860,608.
 Harle, Harold P. 2,837,900.
 Harrison, John W. 2,860,648.
 Hartley, Lloyd S., Henry, Miller, and Shahan. 2,837,870.
 Hatch, Robert L., and Blumenfeld. 2,834,754.
 Hauser, Charles E. 2,819,847.
 Hauser, Charles E. 2,829,840.
 Hausz, Walter. 2,825,753.
 Haviland, Robert P. 2,856,142.
 Heaton, Henry T. 2,864,064.
 Hedlund, Roland G. M. 2,824,928.
 Hedlund, Roland G. M. 2,858,468.
 Hedlund, Roland G. M., and Sakshaug. 2,820,869.
 Heft, Eldon B. 2,820,413.
 Henderson, Wayne L. R. 2,827,615.
 Henderson, Wayne L. R., and Proxmire. 2,858,514.
 Henry, George E. 2,827,978.
 Henry, George E. 2,828,251.
 Herr, Erwin A. 2,849,682.
 Heyhal, Edward B. 2,856,492.
 Heywood, James E. 2,858,429.

General Electric Co.: See—Continued

Hildebrand, George L. 2,826,918.
 Hill, Ezra C. 2,834,930.
 Hilton, Harry H. 2,846,624.
 Hiser, Paul K. 2,827,610.
 Hoare, Stephen C. 2,841,767.
 Hobbs, George W. 2,860,831.
 Hobbs, George W. 2,864,557.
 Hodge, William F. 2,830,217.
 Hodge, William F. 2,841,733.
 Hodges, Merwyn E., and Seeley. 2,845,581.
 Hoecker, Albert C. 2,819,543.
 Hoffmann, Daniel C., and Dewey. 2,864,051.
 Holmes, Robert G. 2,862,996.
 Holt, Willard G. 2,825,531.
 Hood, Charles N., II. 2,823,896.
 Hooper, Chessley F. 2,843,290.
 Horecky, Stanley. 2,820,304.
 Horsch, James R. 2,838,669.
 Horton, Clifford E., and Hsu. 2,841,734.
 Houston, Chester E., and Vercoe. 2,833,182.
 Howe, William M. 2,832,067.
 Howell, Edward K. 2,858,436.
 Howell, John F. 2,831,980.
 Howell, John F. 2,853,652.
 Hsu, Hsiung. 2,835,836.
 Hubbard, James R., and Viscusi. 2,844,225.
 Huber, Emil. 2,862,124.
 Hughes, Philip G. 2,844,402.
 Hughes, Philip G. 2,858,619.
 Hull, Thomas N., Jr. 2,843,356.
 Hume, George W. 2,820,534.
 Humphrey, John G. 2,857,456.
 Hunt, Brian E., and McKeag. 2,821,509.
 Hurd, Dallas T. 2,828,250.
 Hurford, Winslow L. 2,844,647.
 Hutt, Philip. 2,819,356.
 Hutt, Philip, and Willmont. 2,848,574.
 Ingram, Grover R. 2,865,093.
 Ishler, William E., and Cressman. 2,858,234.
 Jacobs, John E. 2,843,748.
 Jacobs, John E. 2,853,651.
 Jacobs, John E. 2,856,541.
 Jacoby, Joseph F., Becker, and Rosenberg. 2,846,560.
 Jaffe, Mary S. 2,849,339.
 Janos, Alfred G., and Hogg. 2,826,388.
 Janssen, William H., and Samsel. 2,831,175.
 Jenne, Frank, Jr., and Schmie. 2,830,210.
 Jernakoff, George. 2,846,586.
 Jewell, Richard G. 2,827,338.
 Jewell, Richard G. 2,858,508.
 Jewell, William R. 2,843,441.
 Jewell, William R., and Pulaski. 2,852,328.
 Johnson, Frithiof V. 2,859,655.
 Johnson, Joseph F. 2,863,963.
 Johnston, Donald L., and Wooldridge. 2,859,269.
 Johnston, Donald L., and Wooldridge. 2,859,271.
 Jones, Shannon, and Hoffman. 2,824,814.
 Jordan, Samuel C. 2,836,697.
 Kaminski, Joseph, Jr., and Vose. 2,858,360.
 Kane, Elias K. 2,827,320.
 Kane, Elias K. 2,830,277.
 Karash, Walter J. 2,849,656.
 Kazanowski, John J. 2,865,013.
 Kell, Clement W., Erzer, and Cain. 2,829,605.
 Kelley, Fred W., Jr., and Siegel. 2,827,606.
 Kelling, Leroy U. C. 2,820,186.
 Kelling, Leroy U. C., and Peaslee. 2,848,670.
 Keonjian, Edward. 2,823,312.
 Keonjian, Edward. 2,848,564.
 Keonjian, Edward. 2,863,008.
 Keonjian, Edward. 2,863,955.
 Kershaw, Delmar D. 2,858,478.
 Kessler, George W. 2,832,944.
 Kimball, Donald G., and Gartland. 2,821,582.
 Kirk, William W. 2,824,995.
 Kizaur, Arthur J. 2,822,477.
 Kizaur, Arthur J. 2,841,717.
 Kizaur, Arthur J., and Mueller. 2,858,445.
 Knaus, Gilbert M. 2,858,162.
 Kohn, Leo S. 2,847,341.
 Kohn, Leo S. 2,847,342.
 Kohn, Leo S. 2,847,343.
 Koller, Lewis R. 2,819,420.
 Koller, Lewis R. 2,827,593.
 Kordalewski, Andrew P. 2,862,840.
 Korol, Peter. 2,857,588.
 Korte, Herman R. 2,845,602.
 Koss, Norman A. 2,845,582.
 Koza, John. 2,823,352.
 Krasienko, Chester A. 2,862,044.
 Kratz, Howard R. 2,829,249.
 Krause, Lloyd O. 2,861,245.
 Kuebler, Robert A. 2,841,690.
 Kuebler, Robert A. 2,855,491.
 Kuhn, Donald H., and Johnson. 2,858,435.
 Kurtz, Lowell M. 2,839,241.
 Lafferty, James M. 2,852,716.
 Lake, William H. 2,832,912.
 Lamb, Frederick S. 2,863,082.
 Landry, Joseph G. 2,830,270.
 Larew, John J., and James. 2,856,523.
 Lavoo, Norman T., Dehn, and Beggs. 2,847,518.

General Electric Co.: *See*—Continued

Lawton, Elliott J., and Bueche. 2,858,259.
 Lee, Thomas H. 2,827,527.
 Lee, Thomas H. 2,864,998.
 Leeds, Laurance M. 2,830,213.
 Leete, Bernard D. 2,845,595.
 Le Loup, Theodore E. 2,861,230.
 Lennox, Thomas C., Fohrhaltz, and McKenney. 2,834,920.
 Lennox, Thomas H. 2,862,093.
 Leonard, John G. 2,831,671.
 Leonard, Richard H. 2,823,962.
 Leonard, Stephen C., Ten Broeck, and Runaldue. 2,861,241.
 Lester, Burton R. 2,845,616.
 Levine, Harvey. 2,823,293.
 Lewis, Ernest E. 2,866,150.
 Lewis, Frederick M., and McLoughlin. 2,850,473.
 Lewis, Walter E. 2,835,754.
 Lewis, Walter E., Jr. 2,835,753.
 Libby, Henry T. 2,851,581.
 Lichtenfels, Ira W. 2,844,780.
 Lichtenfels, Ira W., and Weber. 2,826,705.
 Liebhaufsky, Herman A. 2,819,609.
 Linkous, Clovis E. 2,845,549.
 Linville, Robert G. 2,843,615.
 Loehle, Max J. 2,818,736.
 Loehle, Max J. 2,823,534.
 Loehle, Max J. 2,861,590.
 Longfellow, Richard C. 2,838,733.
 Lootens, William F. 2,861,226.
 Lord, Harold W. 2,829,338.
 Lord, Harold W. 2,830,262.
 Loritsch, John A., and Daszewski. 2,836,518.
 Lovell, John. 2,834,218.
 Low, Frank D. 2,825,348.
 Lucas, Glennard R. 2,838,472.
 Lupu, Michael N. 2,820,112.
 Lynch, Edward E., and Larew. 2,824,240.
 MacCaulay, Robert W. 2,840,989.
 Macemon, Herbert J. 2,828,083.
 Macemon, Herbert J. 2,828,086.
 Macemon, Herbert J. 2,829,838.
 Macemon, Herbert J., and Ryckman. 2,838,245.
 Mackenzie, Kenneth J., Jr. 2,830,943.
 Macoicz, Edward L. 2,839,649.
 Maguire, Michael F. 2,857,122.
 Malewicz, Leonard A., and Daniels. 2,832,478.
 Mallery, Charles G., and Radcliffe. 2,852,212.
 Manning, Ralph M. 2,832,408.
 Manning, Ralph M., and Truesdell. 2,820,861.
 Marble, Chester B. 2,838,905.
 Marks, Louis W. 2,859,056.
 Mason, Lowell M. 2,836,204.
 Mathews, Charles A. 2,864,923.
 Mathis, Vernon P., and Suran. 2,820,152.
 Mathis, Vernon P., and Suran. 2,863,045.
 Maude, William A. 2,834,620.
 Maude, William A. 2,848,884.
 May, John P. 2,823,619.
 McArthur, Elmer D. 2,828,438.
 McArthur, Elmer D. 2,836,811.
 McArthur, Elmer D. 2,860,280.
 McCarty, Clyde W. 2,855,551.
 McCarty, Orin P., De Noyers, and McKenney. 2,847,541.
 McComb, Robert D. 2,836,147.
 McConnell, Andrew J. 2,834,921.
 McCoy, Robert L., and Kaminski. 2,865,982.
 McCulloch, James H. 2,858,357.
 McElhenny, Stuart W., and Zelina. 2,829,332.
 McFall, Russell W., and Johnson. 2,866,191.
 McMillan, Stephen L. 2,858,621.
 Meals, Robert N. 2,826,599.
 Meckstroth, Carl R., Grube, and Demchock. 2,841,189.
 Mees, Robert D., and Marker. 2,866,955.
 Meese, George E., and Geissbuhler. 2,858,467.
 Meibaum, Walter C., Jr. 2,827,925.
 Mergen, Frederick E. 2,848,592.
 Mihan, Theodore G. 2,830,223.
 Mihan, Theodore G., and Layoo. 2,857,480.
 Miklas, Frank C. 2,856,843.
 Millar, Norval P. 2,865,001.
 Millar, Norval P., and Clark. 2,836,796.
 Miller, Edward H. 2,863,632.
 Miller, Richard H., and Mitchell. 2,820,119.
 Miller, Richard H., and Tilli. 2,846,622.
 Mills, Walter T. 2,835,843.
 Milne, James M., and Schneider. 2,835,769.
 Miner, Carroll R. 2,836,082.
 Mollenberg, Leroy. 2,860,296.
 Molyneaux, Robert, and Walkoe. 2,822,455.
 Moore, Harold G. 2,827,977.
 Moran, Don E. 2,831,934.
 Moran, Don E. 2,861,025.
 More, Philip J. 2,847,932.
 More, Philip J. 2,856,503.
 Morgan, Walter A. 2,855,533.
 Morgan, Walter A. 2,861,452.
 Morrison, William G., Jr. 2,865,795.
 Morse, Francis. 2,844,165.
 Moyer, James W. 2,842,466.
 Mueller, David L., and Martin. 2,864,980.
 Mulhern, Marvin J. 2,822,507.

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Mulligan, Leo. 2,831,050.
 Murray, John W. 2,828,955.
 Muth, Robert C. 2,837,326.
 Nakata, Roy. 2,836,677.
 Nash, Nancy E., and Foulke. 2,849,657.
 Navias, Louis. 2,855,491.
 Netzel, Philip C. 2,862,075.
 Neugebauer, Wendell. 2,862,118.
 Newell, James K., Jr. 2,822,486.
 Noon, Alonzo W. 2,830,682.
 Norton, James F. 2,834,888.
 Nottelmann, John F., and Spaeder. 2,840,732.
 Nottelmann, John F., and Spaeder. 2,840,734.
 Nylander, Arnold L. 2,833,989.
 Ockwat, Joseph F., and Mitchell. 2,829,590.
 Ocko, Richard, and Bay. 2,840,697.
 Oldenkamp, John L., and Suhr. 2,845,553.
 Olthuis, Eugene G. 2,822,625.
 Olthuis, Eugene G. 2,851,791.
 Olthuis, Eugene G., and Dunkelmann. 2,835,048.
 Omohundro, William A. 2,866,073.
 Oppel, John A. 2,843,706.
 Oppenheimer, Robert M. 2,848,156.
 Orr, Robert A. 2,862,220.
 Osthoff, Robert C. 2,843,613.
 Ott, George E., and Torr. 2,841,179.
 Ozarow, Vernon. 2,836,797.
 Page, Robert G. 2,831,935.
 Page, Robert G. 2,842,641.
 Paige, Richard E. 2,856,068.
 Pakish, Anthony E., and Lamp. 2,848,784.
 Palmer, James R. 2,851,651.
 Parker, Theodore B. 2,846,845.
 Payne, John H., Jr. 2,852,684.
 Paynter, Donald A. 2,826,731.
 Peaslee, Lawrence R., Rosenblatt, and Kelling. 2,866,145.
 Perl, Martin L. 2,821,496.
 Peters, Philip H., Jr., and Wilbur. 2,824,261.
 Pinney, Harold E. 2,853,628.
 Piper, William W. 2,841,730.
 Polster, William E. 2,863,081.
 Powell, David B. 2,863,022.
 Power, Ernest B. 2,844,919.
 Powers, James H. 2,864,460.
 Prather, Marvin E. 2,844,703.
 Precopio, Frank M. 2,840,544.
 Price, Harvey N. 2,840,746.
 Prince, David C. 2,849,694.
 Prior, Roger A. 2,866,152.
 Pritchard, Benjamin S. 2,865,246.
 Prober, Maurice. 2,835,690.
 Prober, Maurice. 2,837,550.
 Prophet, Otto O. 2,859,585.
 Proxmire, Harry J., and Dierstein. 2,862,043.
 Pruehs, Leslie L. 2,826,442.
 Pulaski, John W. 2,830,864.
 Pulaski, John W. 2,843,286.
 Quirk, Douglas W. 2,850,612.
 Radnor, Richard R. 2,824,281.
 Rankin, Andrew W. 2,844,355.
 Ranks, John E. 2,830,133.
 Raucher, Walter L. 2,823,626.
 Reardon, John W., and McDougal. 2,837,671.
 Rechnitzer, Buren W. 2,866,945.
 Reisch, George J. 2,832,554.
 Reiter, George R. 2,830,363.
 Revercomb, Henry E. 2,825,758.
 Rhoades, John M. 2,866,153.
 Rice, Neil O. 2,839,631.
 Rice, Neil O. 2,863,100.
 Rich, Theodore A. 2,828,432.
 Rich, Theodore A. 2,834,933.
 Rich, Theodore A. 2,841,716.
 Rich, Theodore A. 2,846,650.
 Richardson, George. 2,831,958.
 Rigden, Sydney A. R. 2,821,647.
 Ringland, Robert S., and Watson. 2,819,421.
 Roberts, Edward H. 2,859,495.
 Roberts, Shepard. 2,834,903.
 Robinson, Manuel G. 2,827,785.
 Roché, Jean A. F., and Gulick. 2,824,548.
 Roper, Val J. 2,824,489.
 Rose, Stanley E. 2,851,866.
 Rose, Stanley E. 2,858,673.
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 Rosenberg, Joseph. 2,846,559.
 Rosenberg, Joseph, and Graff. 2,840,540.
 Ross, John F. 2,862,888.
 Roth, Walter. 2,858,686.
 Roth, Walter. 2,861,445.
 Rowan, Hartley D., and De George. 2,849,032.
 Rowe, Raymond N. 2,863,023.
 Rowe, Raymond N., and Harton. 2,862,117.
 Rowley, Arthur C. 2,855,631.
 Rudoff, Hyman, and Jordan. 2,820,914.
 Rusceffa, Ralph A., and Dalton. 2,864,982.
 Rusceffa, Ralph A., and Jenny. 2,863,811.
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 Safford, Moyer M. 2,843,557.
 Safford, Moyer M., and Myers. 2,832,748.
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 Santeler, Donald J. 2,841,324.
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 Schaus, Carl F. 2,823,017.
 Scheldorf, Owen H. 2,836,349.
 Schiller, Ernest M., Saunders, and Landgraf. 2,844,979.
 Schmall, Wilbur A. 2,862,441.
 Schmidt, August, Jr. 2,856,577.
 Schmitt, Nickolas. 2,864,014.
 Schoenoff, Waldemar P., and Vargo. 2,848,843.
 Schoos, Maurice A., and Burke. 2,835,089.
 Schultz, Frederick E. 2,844,939.
 Schultz, Warner W. 2,841,715.
 Schultz, William J. 2,836,989.
 Schultz, William J., and Van Bennekom. 2,858,385.
 Scully, Thomas J. 2,861,152.
 Seagle, William R. 2,860,751.
 Seely, Richard E. 2,825,027.
 Seely, Richard E. 2,840,772.
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 Seitz, August W. 2,845,325.
 Seitz, August W. 2,848,844.
 Sells, Bert E., and Doherty. 2,848,193.
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 Shaw, Bernard, Salo, and Barclay. 2,862,335.
 Sheets, Jack. 2,864,049.
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 Shipley, Eugene E. 2,844,947.
 Simer, Samuel B. 2,832,462.
 Simkulet, Michael, and Spitzer. 2,858,490.
 Sims, Geoffrey D. 2,819,451.
 Sittner, George H., and Siegel. 2,829,371.
 Skeats, Wilfred F. 2,819,429.
 Skeats, Wilfred F. 2,819,446.
 Skeats, Wilfred F. 2,866,040.
 Skiff, Russell A., and Heft. 2,866,051.
 Slattery, John P., and Lehnen. 2,847,190.
 Slonneger, John L. 2,828,391.
 Smith, Andrew N., and Oliver. 2,830,438.
 Smith, Eugene M. 2,845,580.
 Smith, Leroy H., Jr. 2,846,137.
 Smith, Sidney R., Jr. 2,820,867.
 Smith, Sidney R., Jr. 2,821,568.
 Smoll, Allen E. 2,831,168.
 Smoll, Allen E. 2,853,681.
 Snell, J. Kirk. 2,820,162.
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 Soule, Robert G., Jr. 2,844,644.
 Springer, Hans. 2,864,231.
 Staats, James E. 2,844,702.
 Stahl, Alfred R. 2,823,917.
 Stahl, Alfred R. 2,845,164.
 Stahl, Alfred R. 2,853,769.
 Starkey, Neal E. 2,821,065.
 Staufner, Lynn H. 2,828,467.
 Stephens, Joe F. 2,849,640.
 Stephens, Joe F. 2,857,544.
 Stephenson, William B., Jr., and Greisl. 2,834,691.
 Stern, Arthur P. 2,858,423.
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 Stewart, Vincent N. 2,866,037.
 Stimson, Allen G., and Wayne. 2,836,098.
 Stoddard, Edgar S. 2,825,665.
 Stoddard, Edgar S. 2,825,666.
 Stoddard, Edgar S. 2,846,387.
 Stone, Aidan M. 2,824,386.
 Stone, Aidan M. 2,832,208.
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 Stoyrich, Peter N. 2,843,328.
 Stratton, Jerry L. 2,856,584.
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 Strecker, Charles E. 2,827,614.
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 Suhr, Fred W. 2,823,342.
 Summers, Erwin R. 2,836,779.
 Suran, Jerome J. 2,826,696.
 Suran, Jerome J. 2,859,360.
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 Swasey, Arthur M. 2,853,654.
 Taft, Ernest A., Jr., and Horn. 2,847,544.
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 Teare, William H. 2,859,373.
 Templin, Jackson R. 2,836,639.
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 Theall, Charles E., Jr., and Cockburn. 2,863,048.
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 Wirt, Harrison L. 2,858,673.
 Wise, Robert A. 2,854,623.
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 Wolf, Orrin E. 2,856,502.
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 Imm, Ronald C. 2,822,470.
 Imm, Ronald C. 2,859,344.
 Jenkins, Ivor. 2,852,366.
 Jones, Arthur F. 2,858,371.
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 Gunthardt, Hans. 2,819,971.
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 Kempf, Norman W. 2,863,772.
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 Mitchell, James M. 2,839,111.
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 Rusoff, Irving I. 2,835,585.
 Rusoff, Irving I. 2,835,590.
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 Carrington, Blake W. 2,819,933.
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 Fay, Gerald S. 2,820,954.
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 Barker, Norval G., and Chang. 2,851,482.
 Barker, Norval G., and Nordgren. 2,833,642.
 Benson, John O. 2,858,217.
 Benson, John O. 2,858,218.
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 Bergsland, Charles H., and Hedin. 2,861,701.
 Bergsland, Charles H., Karinen, Sorensen, Jeffrey, and Neumeister. 2,828,592.
 Berry, Charles M., Chang, Le Bard, and Miller. 2,866,797.
 Brastad, William, Van Krevelen, and Diekhoff. 2,821,665.
 Brastad, William A. 2,847,124.
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 Christensen, Elmer M. 2,830,762.
 Dohl, Douglas A. 2,860,221.
 Duncanson, Robert H., and Schoen. 2,847,213.
 Erickson, John G. 2,838,487.
 Felt, Clarence E., and Matson. 2,835,594.
 Floyd, Don E. 2,823,189.
 Franklin, Edmund G., and Holmberg. 2,833,061.
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 Froehlich, Harold E. 2,864,569.
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 Groves, James H., and Wilson. 2,839,219.
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 Karinen, Raymond S. 2,834,963.
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 Kwasniewski, George A. 2,827,631.
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 James, Thomas R. 2,861,700.
 Lentz, Thomas H., Opie, and Terry. 2,845,392.
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 Anderson, Harold L. 2,838,262.
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 Avery, Henry L. 2,827,687.
 Bailey, Charles S. 2,837,284.
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 Barberis, Fortunato F. 2,831,322.
 Barberis, Fortunato F. 2,835,110.
 Barbulesco, Daniel J. 2,856,759.
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 Bartlett, Theo A. 2,849,679.
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 Beam, Ralph M. 2,827,809.
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 Cobb, Leland D. 2,837,188.
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 Dolza, John. 2,823,656.
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 Dolza, John. 2,840,427.
 Dolza, John. 2,843,098.
 Dolza, John. 2,843,100.
 Dolza, John. 2,851,020.
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 Long, George B. 2,860,026.
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 Loria, Samuel F. 2,857,617.
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 Muller, Lloyd E. 2,861,479.
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 Nickles, Ned F. 2,846,261.
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- George, Warren E., and G. W. McIninch, to Auburn Machine Works, Inc. Hydraulic positioning means for trencher boom. 2,842,873, 7-15-58, Cl. 37-86.
- George, William J. Gasoline meter bellows. 2,841,121, 7-1-58, Cl. 121-187.
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- Geraghty, Robert M., to M. Von Radics and W. Bookwalter. Alarm device. 2,843,075, 7-15-58, Cl. 116-60.
- Gerard, Paul, to Societe d'Etude et d'Exploitation du Palier Fluide. Gyroscopic follow-up system. 2,852,942, 9-23-58, Cl. 74-5.6.
- Gerard, Paul, to Societe d'Etude et d'Exploitation du Palier Fluide (S. E. E. P. F.). Permeable fluid bearing. 2,855,249, 10-7-58, Cl. 308-122.
- Gerard, William A. *See*—
- Cherry, Sidney J., and Gerard. 2,840,748.
- Gerätebau-Anstalt Balzers. *See*—
- Keller, Robert. 2,824,246.
- Gerbaud, Auguste H. Motor for industrial and household sewing machines. 2,847,592, 8-12-58, Cl. 310-78.
- Gerbaux, Rene C., to Gevaert Photo-Producten N. V. Process for plastifying cellulose-derivatives. 2,840,484, 6-24-58, Cl. 106-178.
- Gerber, Albert. Device for releasably mounting an artificial tooth or the like. 2,866,285, 12-30-58, Cl. 39-9.
- Gerber, Clifford F., W. W. Armstrong, and M. J. Marmo, to Chas. Pfizer & Co., Inc. Parenteral vehicle for therapeutic agents. 2,829,085, 4-1-58, Cl. 167-58.
- Gerber, Eduard A., to the United States of America as represented by the Secretary of the Army. Stable piezoelectric crystals. 2,829,284, 4-1-58, Cl. 310-9.7.
- Gerber, Floyd D. Electrically driven cleaning device with work supporting switch actuator. 2,864,103, 12-16-58, Cl. 15-21.
- Gerber, Heinz J., to The Gerber Scientific Instrument Co. Instrument for measuring, interpolating, plotting and the like. 2,843,935, 7-22-58, Cl. 33-1.
- Gerber, Kenneth G., to Imperial Chemical Industries Ltd. Apparatus for introducing fluid pressure into continuously advancing tubular film. 2,862,234, 12-2-58, Cl. 18-15.
- Gerber, Paul D., and W. Schafer, Jr., to United States of America. Army. Method of plating quartz crystals. 2,856,313, 10-14-58, Cl. 117-65.
- Gerber Products Co. *See*—
- Krupp, Robert F., and Oliver. 2,818,987.
- Krupp, Robert F., and Wagner. 2,826,207.
- Krupp, Robert F., and Wagner. 2,865,490.
- Wardell, Lynwood A., and Krupp. 2,850,190.
- Gerber Scientific Instrument Co., The. *See*—
- Gerber, Heinz J. 2,843,935.
- Gerby, Russell W., to Union Carbide Corp. Method of coating carbonaceous articles with silicon nitride. 2,839,426, 6-17-58, Cl. 117-106.
- Gercke, Ferdinand, R. L. Hubbard, and C. Ferrara. Transfer mechanism for plastic articles. 2,829,756, 4-8-58, Cl. 198-25.
- Gerdan, Dimitrius, and S. Wilder, Jr., to General Motors Corp. Turbine buckets. 2,823,892, 2-18-58, Cl. 253-39.15.
- Gerdan, Dimitrius, and S. Wilder, Jr., to General Motors Corp. Laminated turbine buckets. 2,823,893, 2-18-58, Cl. 253-39.15.
- Gerdan, Dimitrius, and S. Wilder, Jr., to General Motors Corp. Air-cooled turbine buckets. 2,823,894, 2-18-58, Cl. 253-39.15.
- Gerdes & Co. *See*—
- Paschold, Ernst. 2,842,798.
- Gerdes, Walter F. *See*—
- Dudley, William G., and Gerdes. 2,854,625.
- Gerdts, Gustav F. *See*—
- Pape, Hans-Martin, and Letzas. 2,825,509.
- Gerfen, Charles O. *See*—
- Ruhoff, John R., Martin, and Gerfen. 2,819,146.
- Ruhoff, John R., Martin, and Gerfen. 2,819,945.
- Ruhoff, John R., Martin, and Gerfen. 2,859,098.
- Ruhoff, John R., Martin, and Gerfen. 2,859,099.
- Gergen, James B., and T. G. Wartman, to Minnesota Mining & Mfg. Co. Letterpress printing makeready. 2,825,282, 3-4-58, Cl. 101-401.3.
- Gergen, Russel L., to Pipe Machinery Co. Thread gage. 2,833,053, 5-6-58, Cl. 33-199.
- Gergen, Wade W., and G. V. Walmsley, to G. M. Pfaff, A. G. Sewing machine attachment. 2,819,695, 1-14-58, Cl. 112-158.
- Gerhardt, Andrew H., to Borg-Warner Corp. Hinge mechanism. 2,826,327, 3-11-58, Cl. 220-35.
- Gerhardt, Carl W. Explosion relief valve. 2,840,103, 6-24-58, Cl. 137-467.
- Gerhardt, Fred, 1/2 to B. Werfel. Pinched frame or chassis for vehicle. 2,855,213, 10-7-58, Cl. 280-106.
- Gerhardt, Fred, and G. M. Weber. Load handling apparatus. 2,829,789, 4-8-58, Cl. 214-315.
- Gerhardt, Richard E., to Reynolds Metals Co. Pressure welded passageway panels with large chambers. 2,830,800, 4-15-58, Cl. 257-256.
- Gerhart, Carlton M., Jr., to York-Shipley, Inc. Refrigeration piping connector. 2,828,759, 4-1-58, Cl. 137-74.
- Gerhart, Kenneth R., and E. J. Karwacki, to Continental Oil Co. Alkaryl sulfonates. 2,820,056, 1-14-58, Cl. 260-505.
- Gerhold, Clarence B., and D. B. Broughton, to Universal Oil Products Co. Segregation and recovery of naphthenic hydrocarbon concentrates. 2,840,620, 6-24-58, Cl. 260-668.
- Gerick, John, to F. A. Pachmayr. Machine gun anti-jamming device. 2,820,401, 1-21-58, Cl. 89-33.
- Gerick, John, to Airtex Dynamics, Inc. Interrupted thread type fasteners. 2,850,782, 9-9-58, Cl. 24-221.
- Gericke, Erich. Flat-bed printing machines. 2,836,417, 5-27-58, Cl. 271-59.
- Gerin, Jacques J. J. Automatic balancing arrangement for aircraft control. 2,859,925, 11-11-58, Cl. 244-75.
- Gerjets, Harry H., and H. J. Wood splitting machine. 2,851,072, 9-9-58, Cl. 144-193.
- Gerjets, Harry J. *See*—
- Gerjets, Harry H., and H. J. 2,851,072.
- Gerjovich, Henry J., to E. I. du Pont de Nemours and Co. Fungicidal compositions comprising benzothiazole and benzoxazole carbonic acid esters and method of control of fungi. 2,833,689, 5-6-58, Cl. 167-33.
- Gerjovich, Henry J., T. D. McGowan, and J. W. Trebilcock, to E. I. du Pont de Nemours and Co. Processes and products. 2,851,391, 9-9-58, Cl. 167-33.
- Gerke, John R. *See*—
- Fried, Josef, Thoma, Perlman, and Gerke. 2,836,608.
- Gerke, Willy E. Trestle for scaffolding and the like. 2,832,647, 4-29-58, Cl. 304-5.
- Gerkenmeier, Otto F., and E. G. Spack, to Bell Telephone Laboratories, Inc. Two-speed pulse generator. 2,857,529, 10-21-58, Cl. 307-132.
- Gerks, Irvin H., to Collins Radio Co. Stepped electrical feedback servo means. 2,833,922, 5-6-58, Cl. 250-27.
- Gerlach, Richard. *See*—
- Kleine, Johannes, Sigel, and Gerlach. 2,840,537.
- Gerlach, Rudolph H. *See*—
- Fastje, Dietrich H., Gerlach, and Vorwerk. 2,836,487.
- Gerlach, Rudolph H., to Aktiengesellschaft für Unternehmungen der Eisen- und Stahlindustrie. Process for reducing ores and oxidic residues in rotary kiln. 2,823,108, 2-11-58, Cl. 75-33.
- Gerlinger Carrier Co. *See*—
- Thompson, Norman D., and Gruver. 2,851,119.
- Gerlitz, Reuben A., to Robbins & Myers, Inc. Thermally actuated ventilator. 2,825,275, 3-4-58, Cl. 98-119.
- Germain, Lloyd M., to Control Instrument Co. Magnetic amplifier pulse generator. 2,849,625, 8-26-58, Cl. 307-88.
- Germak, Joseph G. *See*—
- Rainer, William C., Wilkens, Germak, Hamilton, and Redding. 2,840,858.
- German, Dwight. *See*—
- Monroe, Charles Z., and German. 2,826,411.
- German, Gordon G. Unloading attachment for a bin. Re. 2,448,163-3-58, Cl. 214-17.
- Germano, Angelo, to Solvay & Cie. Process for the manufacture of chlorine dioxide. 2,861,871, 11-25-58, Cl. 23-152.
- Germanton, Charles E. *See*—
- Breed, Rolland N., Cesareo, Germanton, Roberts, Weber, and Wingardner. 2,848,543.
- Germanton, Charles E., and J. W. Oliver, to Bell Telephone Laboratories, Inc. Register relay. 2,821,597, 1-28-58, Cl. 200-93.
- Germany, Norman V., to United Shoe Machinery Corp. Pressure applying pads. 2,847,687, 8-19-58, Cl. 12-38.
- Germershausen, Werner, F. Peters, and F. Soeding, to Firma Accumulatoren Fabrik Aktiengesellschaft. Hermetically-sealed storage battery. 2,842,607, 7-8-58, Cl. 136-6.
- Germershausen, Kenneth J., and S. Goldberg, to the United States of America as represented by the Secretary of the Army. Gas discharge tube cathodes. 2,824,994, 2-25-58, Cl. 313-213.

- Germeshausen, Kenneth J., and S. Goldberg, to Edgerton, Germeshausen & Grier, Inc. Gaseous seal and method. 2,842,699, 7-8-58, Cl. 313-193.
- Germeshausen, Kenneth J., to Edgerton, Germeshausen & Grier, Inc. Method of and system for operating gaseous-discharge devices. 2,855,544, 10-7-58, Cl. 315-166.
- Gernert, Lawrence H., to Monroe Calculating Machine Co. Magnetic transducing head with mounting and adjustment means. 2,861,134, 11-18-58, Cl. 179-100.2.
- Gernhardt, Arthur W., to Tyler Metal Products Co. Shell molding machine. 2,829,406, 4-8-58, Cl. 22-9.
- Gernhardt, Arthur W., to Tyler Metal Products Co. Shell molding machine. 2,853,753, 9-30-58, Cl. 22-9.
- Gerold, Louis: *See*—
- Arkus, Henry, and Gerold. 2,832,073.
- Gerondeau, Jean. Electric automatic scale. 2,831,672, 4-22-58, Cl. 265-56.
- Gerosolina, Salvatore R. Magnetic throw dart electric signal. 2,863,665, 12-9-58, Cl. 273-102.2.
- Geroulo, Michael J., and D. B. Peck, to Sprague Electric Co. Pulse transformers. 2,823,362, 2-11-58, Cl. 336-96.
- Gerowin, Kibby. Protecting artificial flowers on women's outer garments. 2,845,212, 7-29-58, Cl. 229-39.
- Gerowin, Kibby. Pad for shoulder straps. 2,855,602, 10-14-58, Cl. 2-2.
- Gerrard, A. J., & Co.: *See*—
- Gerrard, John M. 2,830,659.
- Gerrard Industries Ltd.: *See*—
- Merriman, Horace B., and Sansum. 2,864,267.
- Gerrard, John M., to A. J. Gerrard & Co. Grain door. 2,830,659, 4-15-58, Cl. 160-87.
- Gerrells, William H. Winding station counter. 2,848,165, 8-19-58, Cl. 235-91.
- Gerritsen, Dirk J. Diving board. 2,847,218, 8-12-58, Cl. 272-66.
- Gerritsen, Hendrikus J. H. Water closet flushing apparatus. 2,863,153, 12-9-58, Cl. 4-39.
- Gersmehl, Vern R., Sr. Wheel wedge chock. 2,850,117, 9-2-58, Cl. 188-32.
- Gerson, Edward, and P. F. Bruins, to Patrician Plastic Corp. Method of manufacturing plastic sheet material with pearl essence incorporated therein. 2,856,635, 10-21-58, Cl. 18-47.5.
- Gerson, Samuel L. Snack adapter for carving boards, trays and the like. 2,861,729, 11-25-58, Cl. 224-46.
- Gerst, Chris, to The Transmission & Gear Co. Transmission. 2,855,807, 10-14-58, Cl. 74-740.
- Gerst, Chris, to The Transmission & Gear Co. Transmission. 2,866,350, 12-30-58, Cl. 74-360.
- Gerst, Chris, and H. C. Keller, to The Transmission & Gear Co. Power transmission. 2,866,360, 12-30-58, Cl. 74-665.
- Gerstein, Harry, E. Leiss, and C. Bayer, to Lever Bias Machine Corp. Bias cutting machines. 2,858,887, 11-4-58, Cl. 164-61.
- Gerstel, Harry M. Recessed adjustable accent light. 2,855,503, 10-7-58, Cl. 240-78.
- Gerstung, George W., to General Motors Corp. Heat exchanger. 2,858,112, 10-28-58, Cl. 257-139.
- Gerstung, George W., to General Motors Corp. Silencer. 2,860,722, 11-18-58, Cl. 181-68.
- Gerstung, Henry D., and E. T. Malmros, to Centric Clutch Co. Overload release clutch. 2,826,903, 3-18-58, Cl. 64-29.
- Gersumky, William D.: *See*—
- Sutherland, Hunt, and Gersumky. 2,850,356.
- Gerteis, Karl M., to Carrier Corp. Capacity control for compressors. 2,836,345, 5-27-58, Cl. 230-31.
- Gerth, Albert E., and G. F. Embshoff, to Institutum Divi Thomae Foundation. Switch structure. 2,854,550, 9-30-58, Cl. 200-144.
- Gertler, Samuel I. Esters of 6-methyl-3-cyclohexene-1-carboxylic acid as attractants for the Mediterranean fruit fly. 2,851,392, 9-9-58, Cl. 167-48.
- Gertner, E. R.: *See*—
- Wiggins, Clyde E. 2,854,949.
- Gertsch Products, Inc.: *See*—
- Cutler, Leonard S., and Rorden. 2,832,036.
- Gerty, John M., to General Motors Corp. Microsyn mounting and adjusting mechanism. 2,823,326, 2-11-58, Cl. 310-90.
- Gertz, Joseph L., to Collins Radio Co. Spot welding device for mechanical filters. 2,858,413, 10-28-58, Cl. 219-80.
- Gertzell, Nils D. S. G.: *See*—
- Küller, Nils-Erik G., and Gertzell. 2,849,957.
- Gertzson, Nils. Heat exchanger. 2,857,142, 10-21-58, Cl. 257-239.
- Gerwe, Raymond D., and M. A. Slade, Jr., to Food Machinery and Chemical Corp. Method of treating peaches. 2,866,709, 12-30-58, Cl. 99-168.
- Gerwick, Ben C., Inc.: *See*—
- Weaver, Donald B. 2,856,223.
- Gerwig, Harvey F., R. M. Cox, F. O. Hosterman, and R. V. Hollingsworth, to Weston Hydraulics, Ltd. Four way, solenoid actuated, fluid operated valve. 2,853,976, 9-30-58, Cl. 121-46.5.
- Gesell, John H.: *See*—
- Lighty, Paul E., Albanes, and Gesell. 2,863,106.
- Gesellschaft Fuer Teerverwertung m. b. H.: *See*—
- Franck, Heinz. 2,861,894.
- Gesellschaft fur Linde's Eismaschinen Akt.: *See*—
- Becker, Rudolf. 2,844,944.
- Becker, Rudolf, and Hartmann. 2,838,918.
- Jakob, Fritz. 2,850,880.
- Karwat, Ernst. 2,827,776.
- Karwat, Ernst. 2,835,115.
- Linde, Richard. 2,825,212.
- Linde, Richard. 2,827,775.
- Gesellschaft fur Linde's Eismaschinen Aktiengesellschaft, Hohlriegelskreuth: *See*—
- Potzl, Karl. 2,827,409.
- Gesellschaft zur Förderung der Forschung an der Eidg. Techn. Hochschule: *See*—
- Bas-Taymas, Enis. 2,835,837.
- Geshner, John A., to Western Electric Co., Inc. Methods of making magnetic cores. 2,847,333, 8-12-58, Cl. 117-232.
- Geshner, Robert A.: *See*—
- Bain, Lewis A., Jr., and Geshner. 2,861,029.
- Gesing, John H.: *See*—
- Jewett, Dean N., and Gesing. 2,824,440.
- Gessel, Vincent. Precooling of packaged produce. 2,825,211, 3-4-58, Cl. 62-171.
- Gessler, Albert M.: *See*—
- Ford, Francis P., and Gessler. 2,822,342.
- Gessler, Albert M., to Esso Research and Engineering Co. Process of heat-reacting butyl rubber and an oxycarbon black, product obtained thereby and vulcanized product of same. 2,852,486, 9-16-58, Cl. 260-41.5.
- Gessner, David, Co.: *See*—
- Dourdeville, Theodore A. 2,823,872.
- Gest, Howard: *See*—
- Glendenin, Lawrence E., and Gest. 2,849,467.
- Gestetner Ltd.: *See*—
- Gates, Albert G. R. 2,821,129.
- Picking, Henry J. 2,863,661.
- Getaz, James L. Circular knit hosiery and method of closing the foot of same. 2,821,847, 2-4-58, Cl. 66-185.
- Getreideflocken A. G.: *See*—
- Fischer, Walter. 2,840,163.
- Gettert, Hans: *See*—
- Hamprecht, Guenther, Immel, and Gettert. 2,863,730.
- Gettier, Philip R.: *See*—
- Munson, Gilbert M., and Gettier. 2,841,314.
- Gettig, Joseph H.: *See*—
- Skawden, Odd J., and Gettig. 2,838,090.
- Gettig, Joseph H., to J. Bishop & Co. Platinum Works. Hypodermic cannula and method for attaching an annular sleeve thereto. 2,844,149, 7-22-58, Cl. 128-221.
- Getz, Arnestad G., to The Bishop and Babcock Mfg. Co. Heat exchange unit cellular core. 2,843,365, 7-15-58, Cl. 257-130.
- Getz, John W.: *See*—
- Timmerman, Robert W., Draeger, and Getz. 2,857,250.
- Gevaert Photo-Producten N. V.: *See*—
- Gerbaux, Rene C. 2,840,484.
- Jennen, Jacob J. 2,823,998.
- Nys, Jean M., and Liheer. 2,823,207.
- Gever, Gabriel, to The Norwich Pharmacal Co. Adduct of 4,6-dimethyl-2-hydroxyuracil and 5-nitro-2-furaldehyde semicarbazone. 2,828,309, 3-25-58, Cl. 260-256.4.
- Gever, Gabriel, to The Norwich Pharmacal Co. N-[1-(5-nitro-2-furyl) ethyldene]-3-amino-2-oxazolidone. 2,847,416, 8-12-58, Cl. 260-307.
- Gever, Gabriel, to The Norwich Pharmacal Co. Electrolytic preparation of 3-amino-2-oxazolidones. 2,852,451, 9-16-58, Cl. 204-74.
- Gewecke, Theodore H.: *See*—
- Nesset, Naurice M., and Gewecke. 2,825,521.
- Gewecke, Theodore H., to Baxter Laboratories, Inc. Hypodermic needle. 2,862,495, 12-2-58, Cl. 128-221.
- Gewecke, Theodore H., to Baxter Laboratories, Inc. Syringe nozzle. 2,863,453, 12-9-58, Cl. 128-227.
- Gewecke, Theodore H., C. R. Broman, and A. O. Kompellen, to Baxter Laboratories, Inc. Parenteral solution equipment. 2,855,131, 10-7-58, Cl. 222-545.
- Gewerkschaft Eisenhuette Westfalen: *See*—
- Brandt, Karl, and Rosler. 2,848,204.
- Gewerkschaft Elverath: *See*—
- Von Engelhardt, Wolf, Trommsdorff, and Tunn. 2,842,492.
- Gewerkschaft Victor: *See*—
- Karbe, Kurt H., and Boos. 2,845,340.
- Geyer, George B.: *See*—
- Dixon, John S., Jr., and Geyer. 2,864,714.
- Geyer, Howard M., to General Motors Corp. Fluid pressure actuator and synchronizing means therefor. 2,819,589, 1-14-58, Cl. 60-97.
- Geyer, Howard M., to General Motors Corp. Fluid pressure actuator with unidirectional locking means and manual overdrive. 2,859,640, 11-11-58, Cl. 74-625.
- Geyger, William A., to the United States of America as represented by the Secretary of the Navy. Single stage, self-balancing magnetic servo amplifier. 2,819,439, 1-7-58, Cl. 318-30.
- Ghai, Madan L., and J. A. Koren, to Dunham-Bush, Inc. Eliminator screen for evaporative towers and the like. 2,834,428, 5-13-58, Cl. 183-75.
- Ghai, Madan L., and C. Boling, to Dunham-Bush, Inc. Evaporative condenser. 2,840,352, 6-24-58, Cl. 257-37.
- Ghandhi, Sorab K., to General Electric Co. Signal responsive network. 2,863,068, 12-2-58, Cl. 307-88.5.

- Ghemar, Louis M., and R. J. F. D. R. Mouton, to Aktiengesellschaft Brown Boveri & Cie. Processes and apparatus for coating with magnetic powder a metal wire which serves as an arc-welding electrode. 2,820,137, 1-14-58, Cl. 219-137.
- Ghen, William R., to Bomac Laboratories Inc. Broadband microwave transmission control tube. 2,866,130, 12-23-58, Cl. 315-39.
- Ghosh, Ranajit: *See*—
Boon, William R., Edgar, Ghosh, Greenhalgh, Hopf, and Burnand. 2,841,517.
- Ghosh, Ranajit, to Imperial Chemical Industries Ltd. Basic esters of dialkylthiolo phosphonic acid. 2,863,901, 12-9-58, Cl. 260-461.
- Ghysebrechts, Joseph: *See*—
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- Giachetto, John J.: *See*—
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Wynkoop, Raymond, and Giachetto. 2,837,564.
- Giacchino, George E., to Westinghouse Electric Corp. Compressor apparatus. 2,831,629, 4-22-58, Cl. 230-122.
- Giacoletto, John P., to Collins Radio Co. Tuner. 2,858,440, 10-28-58, Cl. 250-40.
- Giacosa, Dante, to Fiat Società Per Azioni. Method of manufacturing pole pieces for electrical machinery. 2,832,133, 4-29-58, Cl. 29-556.
- Giaier, Angelo J., to George L. Nankervis Co. Multi-station work processing machine with variable carrier spacing. 2,826,288, 3-11-58, Cl. 198-19.
- Giamo, Charles V., and L. Cowen, to The Lionel Corp. Brake for fishing reel. 2,858,087, 10-28-58, Cl. 242-84.21.
- Giamo, Edward C., Jr., to Radio Corp. of America. Electrostatic printing. 2,854,947, 10-7-58, Cl. 118-637.
- Giambalvo, Vito A.: *See*—
McKellin, Wilbur H., Lacey, and Giambalvo. 2,855,403.
- Giambalvo, Vito A., and R. J. Alheim, to American Cyanamid Co. Halosacilyloylamidoanthraquinones. 2,833,789, 5-6-58, Cl. 260-377.
- Giammarco, Giuseppe, to S. p. A. Vetrocke. Process for separating and recovering carbon dioxide from gaseous mixtures. 2,840,450, 6-24-58, Cl. 23-2.
- Giammarco, Giuseppe, to S. p. A. "Vetrocke" Process for removing carbon monoxide from gaseous mixtures. 2,849,082, 8-26-58, Cl. 183-115.
- Giangreco, Samuel J. Bowling balls having permanent identification indicia. 2,839,853, 6-24-58, Cl. 40-2.2.
- Giani, Adolfo, to Reggiani Meccanotex S. A. Reciprocatory scraper mechanism for frame printing machines. 2,863,382, 12-9-58, Cl. 101-123.
- Giannini, G. M., & Co., Inc.: *See*—
Ducati, Adriano C. 2,840,660.
Ducati, Adriano C. 2,840,661.
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- Giannini, Gabriel M., Miller, and Gibson. 2,818,730.
- Klose, Alfred J. 2,823,287.
- Manildi, Joseph E. 2,839,922.
- Giannini, Gabriel M., A. E. Miller, and M. D. Gibson, to G. M. Giannini & Co., Inc. Retractable aircraft instrument. 2,818,730, 1-7-58, Cl. 73-180.
- Giannini, Nunzio E., to Eastern Corrugated Container Corp. Inc. Cabinet. 2,839,348, 6-17-58, Cl. 312-263.
- Giannone, Anthony J. Shoe construction. 2,841,892, 7-8-58, Cl. 36-34.
- Giannotti, Hugo V. Gas turbine with combustion chamber of the toroidal flow type and integral regenerator. 2,855,754, 10-14-58, Cl. 60-39.36.
- Giandola, Salvatore V. Head covering garment. 2,839,757, 6-24-58, Cl. 2-205.
- Giardina, Andrew N. Remotely controlled toy vehicle. 2,846,813, 8-12-58, Cl. 46-244.
- Giardina, Andrew N. Toy remote control crane. 2,858,642, 11-4-58, Cl. 46-40.
- Giardino, Louis: *See*—
Possati, Mario, Giardino, and Faenza. 2,836,898.
- Gibb, Harold A., to General Dynamics Corp. Aircraft trim tab control. 2,843,344, 7-15-58, Cl. 244-82.
- Gibb, John F., to National Tank Co. Reinforced synthetic resin sheets. 2,834,702, 5-13-58, Cl. 154-43.
- Gibble, Howard G. Gage attachment for drills. 2,855,679, 10-14-58, Cl. 33-46.
- Gibbons, Charles G., and F. N. Sims, to Baker Perkins, Inc. Turnover mechanisms for depanning machines. 2,821,314, 1-28-58, Cl. 214-311.
- Gibbons, Charles W., Jr. Coupling pin with pivotable securing ring. 2,856,806, 10-21-58, Cl. 85-5.
- Gibbons, Chester R. Package wrapping machine. 2,837,884, 6-10-58, Cl. 53-198.
- Gibbons, Edward J., and A. I. Gebhart, to Colgate-Palmolive Co. Aerosol sprayer. 2,830,742, 4-15-58, Cl. 222-323.
- Gibbons, James, Ltd.: *See*—
Gibbons, Paul E. 2,820,243.
- Gibbons, James E. Device for constraining the tongue. 2,844,142, 7-22-58, Cl. 128-12.
- Gibbons, James F., to Tung-Sol Electric Inc. Electrical measuring equipment. 2,856,585, 10-14-58, Cl. 324-158.
- Gibbons, Paul E., to James Gibbons, Ltd. Floor type spring hinger for doors. 2,820,243, 1-21-58, Cl. 16-185.
- Gibbons, Walter G., J. P. Jones, W. A. Messner, and M. Weiss. Composition for preparation of Burrow's solution. 2,824,042, 2-18-58, Cl. 167-58.
- Gibbons, Wesley A., and T. G. Hare; said Hare assor. to said Gibbons. Sleeping and traveling equipment for automobiles. 2,857,924, 10-28-58, Cl. 135-1.
- Gibbs Automatic Moulding Corp.: *See*—
Gibbs, Roland N. 2,858,039.
- Gibbs, Dean R. Mechanical coupling. 2,855,233, 10-7-58, Cl. 287-119.
- Gibbs, Francis W. G.: *See*—
Engel, Ernest E. O., and Gibbs. 2,830,160.
- Gibbs, Kenneth D. R., to Briton Products Ltd. Means for securing a motor vehicle against theft. 2,819,770, 1-14-58, Cl. 180-82.
- Gibbs, Ralph J. Portable scaffold. 2,851,311, 9-9-58, Cl. 304-1.
- Gibbs, Roland N., to Gibbs Automatic Moulding Corp. Hinge structure for molded boxes. 2,858,039, 10-28-58, Cl. 220-31.
- Gibbs, William D., M. J. Charles, and R. L. Fowler, to Electronic Specialty Co. Precision anti-shock relays. 2,855,480, 10-7-58, Cl. 200-87.
- Giblin, James P., to E. T. Wright & Co., Inc. Method of making a moccasin shoe with a metatarsal support. 2,818,588, 1-7-58, Cl. 12-142.
- Gibney, Vincent P., to Bendix Aviation Corp. Fuel feed governor for gas turbine engines. 2,823,738, 2-18-58, Cl. 158-36.
- Giboney, Ray E., to Westinghouse Electric Corp. Machine tool control system. 2,824,360, 2-25-58, Cl. 29-208.
- Gibraltar Mfg. Co., Inc.: *See*—
Eickemeyer, Ludwig. 2,835,995.
- Gibraltar Shelters Inc.: *See*—
Rudinger, Fred. 2,822,765.
- Gibson, Albert E., Jr., to The Dentists' Supply Co. of New York. Packaged commodity. 2,844,249, 7-22-58, Cl. 206-84.
- Gibson, Albert G.: *See*—
Bridge, Adam E., and Gibson. 2,831,788.
- Gibson, Charles G., to General Motors Corp. Windshield wiper drive mechanism. 2,824,332, 2-25-58, Cl. 15-253.
- Gibson, Charles H. Machine operator for electric typewriters. 2,842,244, 7-8-58, Cl. 197-19.
- Gibson, Christian D., to The Raymond Corp. Table of adjustable height. 2,829,863, 4-8-58, Cl. 254-8.
- Gibson, Colin C., and W. A. Spinks; said Spinks assignor to said Gibson. Overhead portable clothes dryer. 2,848,118, 8-19-58, Cl. 211-118.
- Gibson, Edward H. Transmission joint. 2,862,373, 12-2-58, Cl. 64-9.
- Gibson Electric Co.: *See*—
Farnham, Frederick R., and Graves. 2,861,155.
Graves, Herbert C., Jr. 2,864,921.
Hoyer, Norman S. 2,818,633.
Hoyer, Norman S. 2,851,381.
- Gibson, George M. Utility bracket. 2,861,853, 11-25-58, Cl. 311-17.
- Gibson, Gordon P., and W. R. Moore, to Westinghouse Electric Corp. Water proof varnish and electrical machines and members treated therewith. 2,836,740, 5-27-58, Cl. 310-45.
- Gibson, Hugh G. Highway construction. 2,848,928, 8-26-58, Cl. 94-4.
- Gibson, Jack. Wedge-eye cable anchoring devices. 2,827,680, 3-25-58, Cl. 24-126.
- Gibson, James E., Jr. Tethered sponge ball. 2,848,236, 8-19-58, Cl. 279-58.
- Gibson, Jean P. Hanger assembly for ironing boards. 2,829,855, 4-8-58, Cl. 248-201.
- Gibson, John. Treatment of domestic sewage. 2,834,471, 5-13-58, Cl. 210-256.
- Gibson, John J., to Radio Corp. of America. Multi-mode waveguide system. 2,839,729, 6-17-58, Cl. 333-6.
- Gibson, John W., and K. A. Lundberg, to International Business Machines Corp. Method of making ferrite structures. 2,842,500, 7-8-58, Cl. 252-62.5.
- Gibson, Kirkland H.: *See*—
Seem, Warren A., Stoddard, Gibson, Miller, and Hilbert. 2,864,229.
- Gibson, Levi D., to Sekesco Co., Inc. Safety mechanism for hydraulic braking systems. 2,857,584, 10-21-58, Cl. 340-60.
- Gibson, Lowell, J. R. Hornaday, and J. H. Heidorn, to General Motors Corp. Refrigerating apparatus. 2,825,499, 3-4-58, Cl. 230-19.
- Gibson, Milford D.: *See*—
Giannini, Gabriel M., Miller, and Gibson. 2,818,730.
- Gibson, Oliver E.: *See*—
Womack, Ragan M., Swaney, and Gibson. 2,862,289.
- Gibson, Oliver E., to United States Gypsum Co. Tile molding table. 2,830,352, 4-15-58, Cl. 25-42.
- Gibson, Oliver E., and W. G. Luecke. Method of and apparatus for forming pleats. 2,837,257, 6-3-58, Cl. 223-30.
- Gibson, Oliver E., and W. G. Luecke. Apparatus for pressing and folding materials. 2,850,218, 9-2-58, Cl. 223-30.
- Gibson, Paul: *See*—
Farbak, John E., and Gibson. 2,824,967.
- Gibson, Paul, to Swift & Co. Color stabilization of fatty materials. 2,828,320, 3-25-58, Cl. 260-398.5.
- Gibson, Seabron H., to Transall Inc. Locomotive flange lubricator. 2,866,521, 12-30-58, Cl. 184-3.
- Gibson, Thomas M. S., to The Dole Valve Co. Thermally controlled air vent valve for steam heating system. 2,820,594, 1-21-58, Cl. 236-62.
- Gibson, Walter G., to Radio Corp. of America. Electron discharge device. 2,831,144, 4-15-58, Cl. 315-11.

- Gibson, Walyn L.: *See*—
 Uraneck, Carl A., and Gibson. 2,845,405.
- Gibson, Wilfred C., to Shaffer Tool Works. Stationary well head preventer. 2,832,617, 4-29-58, Cl. 286-16.2.
- Gibson, Wilfred C., to Shaffer Tool Works. Self-locking tubing hanger. 2,842,209, 7-8-58, Cl. 166-75.
- Giehner, Inc.: *See*—
 Hamilton, Ray V. 2,839,151.
- Giddings & Lewis Machine Tool Co.: *See*—
 Daugherty, Jesse. 2,863,361.
 Daugherty, Jesse, and Sorenson. 2,849,927.
 Hollis, John C. 2,822,180.
 Hollis, John C. 2,831,361.
 Hollis, John C. 2,845,312.
 Hollis, John C. 2,848,908.
 McKewen, John H. 2,860,430.
 Woytych, Raymond M. 2,831,386.
- Giddings, Marsh E., Jr.: *See*—
 Allison, Roy F., Macy, and Giddings. 2,822,883.
- Giddings, Wayne A.: *See*—
 Moore, Robert E., Giddings, and Barnard. 2,861,434.
- Gideon, Victor W., to J. G. Culbertson. Internal combustion engine carburetor. 2,823,906, 2-18-58, Cl. 261-56.
- Gieffers, Friedrich, to Siemens-Schuckertwerke Akt. Circuit interrupter. 2,840,671, 6-24-58, Cl. 200-146.
- Giepen, Hubert M., to Red Mill Co. Apparatus for measuring weight and height. 2,836,980, 6-3-58, Cl. 73-432.
- Gier, Thurman E., P. L. Salzberg, and H. S. Young, to E. I. du Pont de Nemours and Co. Inorganic flexible fibrous material consisting of the asbestos-like form of an alkali metal titanate and its preparation. 2,833,620, 5-6-58, Cl. 23-51.
- Gieringer, Carl K., to The Cincinnati Time Recorder Co. Time recorder. 2,824,777, 2-25-58, Cl. 346-83.
- Giertz, Robert W., J. H. Edman, and J. G. Johnson, to Deere Mfg. Co. Tractor hydraulic power lift control. 2,851,938, 9-16-58, Cl. 97-46.07.
- Gierwiatowski, Olgiard: *See*—
 Andrews, Edward F., and Gierwiatowski. 2,854,569.
- Giese, Arthur C.: *See*—
 Goebel, William A., and Giese. 2,852,877.
 Trench, William J., and Giese. 2,853,706.
- Giese, Alfred F. Hand-warming muff. 2,835,896, 5-27-58, Cl. 2-66.
- Gieseler, Luther P. Wind tunnel roll-moment balance. 2,865,200, 12-23-58, Cl. 73-147.
- Giesen, Johann: *See*—
 Conradin, Fritz, Bertossa, and Giesen. 2,852,570.
- Giesen, Johann, to Inventa A.-G., für Forschung und Patentverwertung Luzern. Process for the recovery of lignin from black liquors. 2,828,297, 3-25-58, Cl. 260-124.
- Gieser, Ernest R.: *See*—
 Massongill, Robert J. 2,827,084.
- Giesse, Robert C., to Tri-Tek Inc. Coffee maker. 2,863,590, 12-9-58, Cl. 222-129.4.
- Giesseri & Maschinenfabrik Osterwalder A. G.: *See*—
 Rall, Felix. 2,857,768.
- Giesner, George J., and A. Bodenschatz, to I-T-E Circuit Breaker Co. Closing mechanism, molded cased breakers. 2,866,864, 12-30-58, Cl. 200-50.
- Gietter, Irving L., to Weston Electrical Instrument Corp. Cell for moisture measurements. 2,829,341, 4-1-58, Cl. 324-65.
- Giezendanner, Edwin R. Static electricity method and apparatus. 2,856,561, 10-14-58, Cl. 315-55.
- Giffard, John A. H., to International Business Machines Corp. Data recording means. 2,834,831, 5-13-58, Cl. 178-15.
- Giffen, James L., to Embart Mfg. Co. Brake-clutch construction. 2,818,949, 1-7-58, Cl. 192-18.
- Giffin, George S., D. G. Killion, and M. N. Haller, to International Telephone and Telegraph Corp. Antenna arrays. 2,847,672, 8-12-58, Cl. 343-895.
- Gifford, Earl C., to American Cyanamid Co. Chinoline yellows. 2,828,311, 3-25-58, Cl. 260-289.
- Gifford, Theron F., to Ten-Tex Corp. Portable tufting machine. 2,837,045, 6-3-58, Cl. 112-80.
- Gifford-Wood Co.: *See*—
 Adams, Robert E. 2,854,130.
- Gift, John, to Alba Hosiery Mills, Inc. Undergarments. 2,833,134, 5-6-58, Cl. 66-177.
- Gift, John, to Rosedale Knitting Co. Yarn control device. 2,838,922, 6-17-58, Cl. 66-125.
- Gigzey, James W., to E. I. du Pont de Nemours and Co. Remoistenable adhesive comprising polyvinyl acetate, polyvinyl alcohol and a plasticizer and method of preparation. 2,850,468, 9-2-58, Cl. 260-17.4.
- Gigler, Carlos. Lubrication in refrigerator compressor. 2,865,559, 12-23-58, Cl. 230-55.
- Gilbert, A. C. Co., The: *See*—
 Frisbie, Marshall H. 2,840,007.
 Schneider, Alfred J. 2,838,956.
 Smith, Raymond E. 2,858,645.
 Smith, William R. 2,826,996.
 Smith, William R., and Monaco. 2,844,911.
 Smith, William R., and Monaco. 2,859,556.
 Smith, William R., and Monaco. 2,861,391.
 Suarez Grau, Julio F. 2,857,095.
- Gilbert, Alfred D., and H. W. Haythornwhite. Screen door. 2,835,325, 5-20-58, Cl. 160-369.
- Gilbert, Alfred R., and F. M. Precapio, to General Electric Co. Organosilicon compositions containing phosphorus and their preparation. 2,835,651, 5-20-58, Cl. 260-46.5.
- Gilbert, Alfred R., and S. W. Kantor, to General Electric Co. Silicone rubber of improved thermal stability containing triorganophosphine oxide. 2,837,494, 6-3-58, Cl. 260-37.
- Gilbert, Alfred R., and G. D. Cooper, to General Electric Co. Cleavage of organohalogenopolysilanes with quaternary ammonium or phosphonium halides. 2,842,580, 7-8-58, Cl. 260-448.2.
- Gilbert Associates, Inc.: *See*—
 Switzer, George W. 2,853,279.
- Gilbert & Barker Mfg. Co.: *See*—
 Mesh, Theodore J. 2,836,739.
 Pacey, John J., and Robinson. 2,821,993.
 Rapisarda, Edward D. 2,842,880.
 Tapp, Harry F. 2,843,048.
 Tapp, Harry F., and Mesh. 2,855,552.
- Gilbert, Charles E., deceased; E. J. Fluss, M. D. Gilbert, and N. Coates, executors. Method of rotatably mounting a first member upon a second member. 2,865,092, 12-23-58, Cl. 29-432.
- Gilbert, Everett A., to Radio Frequency Laboratories, Inc. Frequency shift discriminator. 2,844,720, 7-22-58, Cl. 250-27.
- Gilbert, Everett E.: *See*—
 Crowder, John A., and Gilbert. 2,842,589.
 Crowder, John A., and Gilbert. 2,866,828.
- Gilbert, Everett E., to Allied Chemical & Dye Corp. Fungicide comprising mucchloric anhydride. 2,861,919, 11-25-58, Cl. 167-38.
- Gilbert, Everett E., and S. L. Giolito, to Allied Chemical & Dye Corp. Process for preparing [decachlorotetrahydro-4,7-methanoindeneone] a hydrolyzed reaction product of hexachlorocyclopentadiene and sulfur trioxide. Re. 24,435, 2-25-58, Cl. 260-586.
- Gilbert, Everett E., and S. Tryon, to Allied Chemical & Dye Corp. Production of aryloxy aliphatic carboxylic acids. 2,830,083, 4-8-58, Cl. 260-521.
- Gilbert, Frank H., and J. C. Booher, to Metalcraft Mfg. & Sales Corp. Refrigerated cabinet structure. 2,835,405, 5-20-58, Cl. 220-15.
- Gilbert, George B. Turning-in or folding machine. 2,858,967, 11-4-58, Cl. 223-38.
- Gilbert, Harry A.: *See*—
 Norquist, Harry H., and Gilbert. 2,856,826.
- Gilbert, Henry L.: *See*—
 Beall, Robert A., Borg, and Gilbert. 2,825,641.
- Gilbert, Jack, to General Slicing Machine Co., Inc. Slicing apparatus with safety device to guard thumb of hand moving the carriage. 2,840,131, 6-24-58, Cl. 146-102.
- Gilbert, Le Roy. Therapeutic tables. 2,856,916, 10-21-58, Cl. 128-33.
- Gilbert, Lewis F., to Ethyl Corp. Antiknock compositions. 2,860,958, 11-18-58, Cl. 44-69.
- Gilbert, Lewis F., to Ethyl Corp. Gasoline fuel. 2,866,695, 12-30-58, Cl. 44-69.
- Gilbert, Lloyd. Cucumber harvester. 2,829,484, 4-8-58, Cl. 56-327.
- Gilbert, Lloyd E. Reciprocatory drive mechanisms. 2,838,942, 6-17-58, Cl. 74-54.
- Gilbert Mfg. Co., Inc.: *See*—
 Keeler, Frederick D. 2,849,573.
- Gilbert, Margaret D.: *See*—
 Gilbert, Charles E. 2,865,092.
- Gilbert, Paul N. Can and bottle opener. 2,852,844, 9-23-58, Cl. 30-6.1.
- Gilbert, Richard E., to United Air Lines, Inc. Deburring tool. 2,865,100, 12-23-58, Cl. 30-317.
- Gilbert, Roswell W., to Daystrom, Inc. Arrangement for converting a mechanical torque to a D.-C. current. 2,838,232, 6-10-58, Cl. 235-61.
- Gilbert, Roswell W., to Daystrom, Inc. Frequency metering arrangement. 2,842,727, 7-8-58, Cl. 318-28.
- Gilbert, Roswell W., to Daystrom, Inc. Arc drop voltmeter. 2,846,648, 8-5-58, Cl. 324-119.
- Gilbert, Roswell W., to Daystrom, Inc. Feedback network for control systems. 2,857,104, 10-21-58, Cl. 236-15.
- Gilbert, Roswell W., to Daystrom, Inc. Direct current measuring apparatus. 2,857,571, 10-21-58, Cl. 324-117.
- Gilbert, Roswell W., to Daystrom, Inc. Control apparatus. 2,861,239, 11-18-58, Cl. 323-19.
- Gilbert, Roswell W., and J. H. Miller, to Daystrom, Inc. Thermal converter. 2,857,569, 10-21-58, Cl. 324-106.
- Gilbert, Walter W.: *See*—
 Arnold, Herrick R., Fawcett, and Gilbert. 2,825,704.
- Gilbert, Wesley R., to C. I. Hayes, Inc. Elevator heat treatment furnace. 2,839,284, 6-17-58, Cl. 263-37.
- Gilbert, Wesley R., to C. I. Hayes, Inc. Elevator heat treatment furnace construction. 2,855,193, 10-7-58, Cl. 263-36.
- Gilbert, William B. Prefabricated grandstand. 2,854,704, 10-7-58, Cl. 20-1.126.
- Gilbert, William I.: *See*—
 Montgomery, Charles W., and Gilbert. 2,819,283.
- Gilbertson, Louis M. Flexible suspended automatic watering system. 2,821,167, 1-28-58, Cl. 119-81.
- Gilechrist, Allan E., and D. T. Rehor, to The Glidden Co. Coated acoustic tile and process therefor. 2,855,327, 10-7-58, Cl. 117-45.

- Gilchrist, Harry C., and J. F. Zaleski, to General Precision Laboratory Inc. Waveguide tuner. 2,863,128, 12-2-58, Cl. 333-98.
- Gilchrist, John E. Rock drills. 2,819,880, 1-14-58, Cl. 255-63.
- Gilchrist, John E., to American Machine and Metals, Inc. Folder control. 2,834,595, 5-13-58, Cl. 270-81.
- Gildart, Lee W., to J. and L. Waldman, and E. Sagerman. Semi-conductor alloys. 2,837,618, 6-3-58, Cl. 201-63.
- Gildersleeve, L. G., d. b. a. Gildersleeve Mfg. Co.: See—Woodall, Jesse J. 2,865,633.
- Gildersleeve, Lester G. Perforated rotary grater shell. 2,847,048, 8-12-58, Cl. 146-91.
- Gildner, Ernest J. Loader mechanism. 2,841,299, 7-1-58, Cl. 214-140.
- Giles, Jack W., to General Electric Co. Amplification control arrangement. 2,860,330, 11-11-58, Cl. 343-73.
- Giles, James E., deceased, by G. G. Decker, executrix. Porcelain repairing method and composition. 2,826,508, 3-11-58, Cl. 117-2.
- Giles, Jeremiah D. Heat insulation structure. 2,836,293, 5-27-58, Cl. 206-59.
- Giles, Ralph R.: See—Straley, James M., and Giles. 2,857,372.
- Giles, Raymond G.: See—Woods, John E., and Giles. 2,839,926.
- Giles, Rollie O.: See—Glazier, Archie, Jr. 2,819,117.
- Giles, William O. Doughnut machine cutter. 2,840,012, 6-24-58, Cl. 107-14.
- Gilletta, Dario: See—Vanzo, Marcello, Gilletta, and Nuara. 2,828,797.
- Gilfert, James C.: See—Jacobson, Moses G., Gilfert, De Luca, and Mruk. Re. 24,436.
- Gilfillan Bros., Inc.: See—Ball, Lloyd D., Cowart, and Crane. 2,832,537.
- Cowart, Brooks E., Ball, and Daspit. 2,848,713.
- Green, David J. 2,844,817.
- Green, David J., Tasker, and Cutler. 2,862,202.
- Hayes, Harry T. 2,853,703.
- Johnson, Thomas J., Jr. 2,840,707.
- Knowlton, Orin H., Jr., and Ball. 2,845,532.
- McCann, Joe G. 2,851,665.
- Michels, Lawrence S. 2,823,374.
- Salamonovich, George M. 2,860,293.
- Shaw, Robert G., and Landee. 2,840,809.
- Tasker, Homer G., and Irasek. 2,839,152.
- Tasker, Raymond B., and Cutler. 2,832,953.
- Ule, Louis A. 2,832,937.
- Gilford, Saul R.: See—Kuder, Milton L., Palasly, Greenough, and Gilford. 2,826,079.
- Gilford, Saul R., to the United States of America as represented by the Secretary of Commerce. Automatic sphygmomanometer. 2,827,040, 3-18-58, Cl. 128-205.
- Gilliland, Melvin E., and R. C. Givens, to The Texas Co. Extreme pressure soluble oil. 2,848,416, 8-19-58, Cl. 252-33.3.
- Gilkey, John W., to Dow Corning Corp. Amidomethyl quarternary ammonium siloxanes and a method of rendering fabrics water repellent therewith. 2,838,423, 6-10-58, Cl. 117-135.5.
- Gilkey, Russell: See—Caldwell, John R., and Gilkey. 2,831,831.
- Caldwell, John R., and Gilkey. 2,839,479.
- Caldwell, John R., and Gilkey. 2,839,491.
- Caldwell, John R., and Gilkey. 2,839,492.
- Gill, Bert F., Jr.: See—Howes, Ronald B., and Gill. 2,825,668.
- Gill, Bertram T. Box construction. 2,829,792, 4-8-58, Cl. 217-12.
- Gill, Betty J.: See—Williams, Charles E. 2,854,257.
- Gill Electric Mfg. Corp.: See—Gill, Walter L. 2,857,448.
- Gill, John B. Quick-coupling valve and hose connection. 2,829,907, 4-8-58, Cl. 284-19.
- Gill, Lloyd T., to General Motors Corp. Induction system. 2,845,911, 8-5-58, Cl. 123-52.
- Gill, Mason E.: See—Seavey, Frederick R., and Gill. 2,857,847.
- Gill, Melville K., to Tennessee Corp. Traveling belt conveyor with pocket collector for conveying liquids and semi-liquids without spillage. 2,818,966, 1-7-58, Cl. 198-192.
- Gill, Ray H., to The B. F. Goodrich Co. Tubeless tire valve and rim assembly. 2,823,724, 2-18-58, Cl. 152-427.
- Gill, Robert L. Slidable ash tray. 2,829,766, 4-8-58, Cl. 206-19.5.
- Gill, Sidney R. Package of oblong bars. 2,830,699, 4-15-58, Cl. 206-65.
- Gill, Walter L., to Gill Electric Mfg. Corp. Battery sealing means. 2,857,448, 10-21-58, Cl. 136-133.
- Gille, Willis H., to Minneapolis-Honeywell Regulator Co. Automatic pilot for aircraft. 2,832,551, 4-29-58, Cl. 244-77.
- Gille, Willis H., to Minneapolis-Honeywell Regulator Co. Flight control apparatus. 2,864,050, 12-9-58, Cl. 318-489.
- Gillen, George A. Air turbine motor for motor vehicles. 2,839,269, 6-17-58, Cl. 253-55.
- Gillen, Robert K.: See—Dunn, Paul A., Jr. 2,855,797.
- Gilleo, Leonard S. Garbage truck packing plate control. 2,839,206, 6-17-58, Cl. 214-82.
- Gillespie, Hazel B., to Rutgers Research and Educational Foundation. Concentration of lactobacilli. 2,838,443, 6-10-58, Cl. 195-96.
- Gillespie, Norman E.: See—Simmons, Richard G., and Gillespie. 2,853,260.
- Gillespie, Russell A., 33 $\frac{1}{4}$ % to C. F. Spickelmier, 33 $\frac{1}{4}$ % to E. S. Greer, and 33 $\frac{1}{4}$ % to B. S. Spickelmier. Storm sash. 2,847,727, 8-19-58, Cl. 20-55.
- Gillespie, Russell A., $\frac{1}{3}$ to C. F. Spickelmier, $\frac{1}{3}$ to E. S. Greer, and $\frac{1}{3}$ to B. S. Spickelmier. Metal window. 2,863,534, 12-9-58, Cl. 189-75.
- Gillespie, Thomas C.: See—Bacchi, Ray, and Gillespie. 2,843,089.
- Gillet, Eugene C., and R. N. Prince, to California and Hawaiian Sugar Refining Corp. Fondant and dry fondant sugar product and method of manufacture. 2,824,808, 2-25-58, Cl. 99-134.
- Gillet, Will H., and D. T. McDonald, to Socony Mobil Oil Co., Inc. Treatment of well fluids. 2,821,502, 1-28-58, Cl. 196-8.
- Gillette Co., The: See—Brown, Alfred E., and Bogaty. 2,847,351.
- Duval, Ernest H. 2,855,135.
- Lerner, Louis L. 2,833,448.
- Lerner, Louis L., and Safanoff. 2,855,127.
- Lerner, Louis L., and Safanoff. 2,857,919.
- Schnitzler, Meyer J., and Benedict. 2,848,807.
- Schnitzler, Meyer J., Lewicki, and Muros. 2,848,806.
- Schnitzler, Meyer J., and Sinclair. 2,825,466.
- Sinclair, Robert L. 2,830,414.
- Testi, Nicholas. 2,863,586.
- Wark, John D., and Schladermundt. 2,822,916.
- Gillette, Edward S.: See—Roberts, Frederick W., Gillette, Duntze, and Skoog. 2,865,637.
- Gillette, Edward S., and F. A. Pierini, to Dictaphone Corp. Monitors for commercial phonographs. 2,820,639, 1-21-58, Cl. 274-1.
- Gillette, Edward S., and R. H. Sherman, Jr., to Dictaphone Corp. Folded belt record machine. 2,865,639, 12-23-58, Cl. 274-11.
- Gillette, Edwin. Means for making composite pictures. 2,866,397, 12-30-58, Cl. 95-36.
- Gillham, Eric J.: See—Preston, John S., and Gillham. 2,825,687.
- Gilliam, George R., to Allied Chemical Corp. Ureaform fertilizer. 2,845,401, 7-29-58, Cl. 260-71.
- Gilliam, Guy C. Apparatus for setting saw teeth. 2,849,898, 9-2-58, Cl. 76-62.
- Gilliatt, Ira F., to Conveyor Specialty Co., Inc. Live roll conveyor. 2,836,284, 5-27-58, Cl. 198-127.
- Gillie, Harmon A., to General Electric Co. Brush holder for dynamoelectric machines. 2,836,745, 5-27-58, Cl. 310-246.
- Gillie, Percy H., and W. H. Noone, to Allied Chemical Corp. Method and apparatus for separating solid materials of different specific gravities. 2,854,136, 9-30-58, Cl. 209-158.
- Gillies, Donald B.: See—Strachey, Christopher, and Gillies. 2,846,142.
- Gillies, Wallace, and C. E. Horner, to Westinghouse Electric Corp. Anode for electron discharge device. 2,858,471, 10-28-58, Cl. 313-352.
- Gillilan, Earl S. Revolving fish lure. 2,835,999, 5-27-58, Cl. 43-26.2.
- Gilliland, Lesley L., and R. E. Cedarholm. Induced draft water saving and cooling tower. 2,819,048, 1-7-58, Cl. 261-24.
- Gilliland, Theodore R., to the United States of America as represented by the Secretary of Commerce. Automatic radio control for clocks. 2,824,218, 2-18-58, Cl. 250-2.
- Gilliland, William H., to USCO Power Equipment Corp. Center break disconnect switch hinge contacts and switch structures employing same. 2,832,859, 4-29-58, Cl. 200-48.
- Gillis, Edmund A., to The Cronite Co., Inc. Intaglio engraving press with feed for endless die wiping belt. 2,853,942, 9-30-58, Cl. 101-164.
- Gillison, Robert W. Burial caskets. 2,848,782, 8-26-58, Cl. 27-17.
- Gillman, Harold K., to The Allbright-Neil Co. Automatic clamping mechanism for positioning and holding ham shanks and similar articles during vascular injection thereof. 2,864,304, 12-16-58, Cl. 100-269.
- Gillmore, Donald W., R. J. Grant, and S. B. Smith, to Pittsburgh Coke & Chemical Co. Sugar treatment. 2,822,304, 2-4-58, Cl. 127-55.
- Gillmore, Jack F.: See—Miller, Wendell E., and Gillmore. 2,821,926.
- Gillo, Léon, and J. Mainil, to Sorelux S. A., and Oletta S. A. Process for obtaining voacanga alkaloids. 2,866,784, 12-30-58, Cl. 260-236.
- Gilman Engineering & Mfg. Corp.: See—Henning, Frederick R. 2,823,789.
- Gilman, Frederick C., to Worthington Corp. Propeller pump or blower. 2,819,675, 1-14-58, Cl. 103-41.
- Gilman, Harris H., to California Research Corp. Liquid proportioner. 2,843,138, 7-15-58, Cl. 137-93.
- Gilman, Norman. Safety devices for vehicles. 2,861,463, 11-25-58, Cl. 74-526.

- Gilman, Samuel, to American Machine & Foundry Co. Measurement of cigarette rod density by radiation. 2,861,683, 11-25-58, Cl. 209-72.
- Gilmour, Abraham. Electrical communication systems. 2,849,702, 8-26-58, Cl. 340-157.
- Gilmour, Dale T. Dehydrating and pulverizing machine. 2,841,339, 7-1-58, Cl. 241-54.
- Gilmore, Forrest E., to Phillips Petroleum Co. Improved low temperature absorption refrigeration. 2,826,049, 3-11-58, Cl. 62-179.
- Gilmore, Forrest E., to Phillips Petroleum Co. Vapor-liquid contacting apparatus. 2,832,578, 4-29-58, Cl. 261-114.
- Gilmore, Forrest E. Gas and liquid contact device. 2,846,204, 8-5-58, Cl. 261-114.
- Gilmore, Forrest E., to Phillips Petroleum Co. Process for recovery of cracking products. 2,848,522, 8-19-58, Cl. 260-683.
- Gilmore, Forrest E., to Phillips Petroleum Co. Separation and recovery of hydrocarbons from gaseous mixtures thereof. 2,849,371, 8-26-58, Cl. 196-8.
- Gilmore, Forrest E., and R. D. Bauer, to Phillips Petroleum Co. Apparatus for using a thermo-siphon reboiler in a fractionator. 2,849,386, 8-26-58, Cl. 202-153.
- Gilmore, Loren D., and S. K. Chen, to International Harvester Co. Photographic metering film magazine. 2,833,190, 5-6-58, Cl. 95-31.
- Gilmore, Orval L.: *See—*
- Ripp, Richard F., and Gilmore. 2,853,793.
- Gilmour, Austin. Rewarding and educational device for developing a child's habits. 2,840,213, 6-24-58, Cl. 194-4.
- Gilmour, William S.: *See—*
- Evans, Peter J., Farr, Gilmour, and Kennaway. 2,850,764.
- Farr, John W. F., Gilmour, and Kennaway. 2,862,243.
- Gilpatrick, George E.: *See—*
- Parsons, Stuart W., and Gilpatrick. 2,839,777.
- Gilruth, Robert R., D. H. Greenshields, R. R. Heidenfels, J. N. Kotanchik, R. D. Ross, and M. A. Wallio, to United States of America, Navy. Electric arc powered jet. 2,850,662, 9-2-58, Cl. 313-231.
- Gilson, Paul R.: *See—*
- Beek, Joseph A., Jr., Gilson, and Westlake. 2,835,882.
- Gilson, William D.: *See—*
- Manteuffel, Allan, and Gilson. 2,851,421.
- Manteuffel, Allan, and Gilson. 2,855,366.
- Gilwood, Martin E., to Pfaudler Permutit Inc. Aminated ion exchange resins containing divinyl substituted heterocyclic comonomers as cross-linkers. 2,824,844, 2-25-58, Cl. 260-21.
- Gimalouski, Edward A., to Pioneer Parachute Co., Inc. Fastener for use on parachute harnesses. 2,856,665, 10-21-58, Cl. 24-211.
- Gimbel, Lawrence, to Union Carbide Corp. Shirring apparatus. 2,819,488, 1-14-58, Cl. 17-42.
- Gimson, Cyril F., and J. O. Tattersall, to The British Thomson-Houston Co. Ltd. Operating mechanisms for electric circuit control devices. 2,841,032, 7-1-58, Cl. 74-520.
- Gindoff, Sol, L. S. McCollum, and A. Polanco, Jr., to International Minerals & Chemical Corp. Apparatus for production of finely divided materials. 2,853,241, 9-23-58, Cl. 241-65.
- Ginger, Basile: *See—*
- Familier, Henri, and Ginger. 2,820,898.
- Gingrich, Harold F., $\frac{1}{2}$ to T. K. Banks, and $\frac{1}{2}$ to H. B. Brewer. Protection device for motor driven equipment. 2,846,633, 8-5-58, Cl. 318-447.
- Ginn, Delwin C.: *See—*
- Simonds, Albert L., and Ginn. 2,828,379.
- Ginn, Delwin C., to The Linemaster Switch Corp. Switch. 2,866,024, 12-23-58, Cl. 200-86.5.
- Ginn, Martin E., and L. E. Weeks, to Monsanto Chemical Co. Odor stabilized detergent composition. 2,850,460, 9-2-58, Cl. 252-153.
- Ginns, Dennis W., to the United States of America as represented by the United States Atomic Energy Commission. Remote handling arrangements. 2,828,875, 4-1-58, Cl. 214-26.
- Ginsberg, Helen F., to Schering Corp. Polyiodinated 5-aminoisophthalic acids, salts and esters. 2,820,814, 1-21-58, Cl. 260-471.
- Ginsberg, Leon, to The Markad Co. Means for activating an indicating device. 2,845,494, 7-29-58, Cl. 179-100.1.
- Ginsburg, Abraham. Hypodermic needle. 2,850,014, 9-2-58, Cl. 128-221.
- Ginsburg, Charles P., and S. F. Henderson, Jr., to Ampex Corp. Magnetic tape recording and reproducing system. 2,866,012, 12-23-58, Cl. 179-100.2.
- Ginsburgh, Allen S., and F. J. Climent, to Aerojet-General Corp. Torch. 2,836,172, 5-27-58, Cl. 126-263.
- Ginsburgh, Irwin: *See—*
- Jacobs, Robert B., and Ginsburgh. 2,862,570.
- Ginther, Virgil L., to Kalamazoo Vegetable Parchment Co. Dispenser for stacked dishes. 2,818,996, 1-7-58, Cl. 221-46.
- Ginzburg, Milton. Ventilating device for vehicles. 2,841,069, 7-1-58, Cl. 98-2.
- Giolito, Silvio L.: *See—*
- Benghiat, Isaac, Bowers, Lukes, and Giolito. 2,863,803.
- Gilbert, Everett E., and Giolito. Re. 24,435.
- Giordan, Michael: *See—*
- Siebel, George E., Lister, and Giordan. 2,850,160.
- Giordano, Anthony, to The Harshaw Chemical Co. Process for producing red pigments. 2,850,402, 9-2-58, Cl. 106-301.
- Giordano, Joseph. Apparatus for emptying pigment containers. 2,829,788, 4-8-58, Cl. 214-305.
- Giorgis, Mike: *See—*
- Mattos, Philip M., and Giorgis. 2,854,148.
- Giovanniello, Michael A.: *See—*
- Zautner, Norman G., and Giovanniello. 2,826,722.
- Giovannucci, Julius L., A. R. Pels, and P. A. King, to Bridgeport Brass Co. Method of making composite metal and product thereof. 2,845,698, 8-5-58, Cl. 29-194.
- Gipe, Robert C., and P. C. Maybury, to United States of America, Navy. High speed light beam shutter mechanism. 2,856,831, 10-21-58, Cl. 95-62.
- Gipslis, Peter, $\frac{1}{2}$ to E. Henchert. Garage. 2,853,745, 9-30-58, Cl. 20-113.
- Giraitis, Albert P., to Ethyl Corp. Preparation of halogenated compounds. 2,821,560, 1-28-58, Cl. 260-659.
- Girard, Theodore A., E. P. Di Bella, and H. Sidi, to Heyden Newport Chemical Corp. Trichlorobenzoic acid compositions. 2,848,470, 8-19-58, Cl. 260-429.
- Girardot, Peter R.: *See—*
- Walters, Robert R., Koblitz, Zeldin, and Girardot. 2,855,440.
- Giraudet, Pierre, to Safem S. A. Societe Anonyme: Societe d'Application Technique d'Emballages Modernes. Supporting box for articles, method and means for its manufacture. 2,842,263, 7-8-58, Cl. 206-65.
- Girbow, Arthur H., to Courtaulds Ltd. Shredding machines. 2,844,332, 7-22-58, Cl. 241-276.
- Girdwood, Arthur J., and R. G. Koch, to Leland Electric Canada Ltd. Electromagnetic switch. 2,827,528, 3-18-58, Cl. 200-87.
- Giri de Teramala, P. M. Fluid operated friction clutch with cushion. 2,865,481, 12-23-58, Cl. 192-91.
- Girling, Douglas S.: *See—*
- Barnard, Roy M., Girling, and Judd. 2,861,321.
- Girling Ltd.: *See—*
- Draper, Frederick R. 2,826,093.
- Sadler, Francis A., D. 2,853,977.
- Girouard, Philias H.: *See—*
- Chadwick, George A., Girouard, Sihler, Hickman, and Wertman. 2,823,587.
- Girouard, Philias H., A. J. Stanton, C. V. Hickman, D. Wertman, and E. F. Campbell. Rapid fire gun turret apparatus. 2,855,828, 10-14-58, Cl. 89-45.
- Girton Mfg. Co., Inc.: *See—*
- Evans, Darl L. 2,859,596.
- Evans, Darl L. 2,859,703.
- Girton, Paul K. Agitator for a pasteurizer or processor. 2,858,117, 10-28-58, Cl. 259-44.
- Girvin, James W.: *See—*
- Hayward, Claude E., Gorton, and Girvin. 2,864,549.
- Girz, Alexander: *See—*
- Müller, Heinrich, and Girz. 2,860,447.
- Gish, Lyman C., and W. M. Beibers, to The Ohio Boxboard Co. Art of packaging incandescent lamps and carton therefor. 2,851,158, 9-9-58, Cl. 206-45.19.
- Gish, Marvin E., $\frac{1}{2}$ to C. J. Deeter. Digging apparatus. 2,863,258, 12-9-58, Cl. 47-37.
- Gisholt Machine Co.: *See—*
- Eddison, William B. 2,823,816.
- Eddison, William B., and Erickson. 2,826,884.
- Eddison, William B., and Erickson. 2,835,088.
- Eddison, William B., and Erickson. 2,843,252.
- Gislon, Andre, and J. M. Quikereze, to Societe Anonyme dite: Compagnie Franchise de Raffinage. Methods of refining petroleum products. 2,823,173, 2-11-58, Cl. 196-29.
- Gislon, André, and A. M. Valet, to Societe Anonyme dite: Compagnie Franchise de Raffinage. Method for catalytically hydrodesulfurizing petroleum oils. 2,853,429, 9-23-58, Cl. 196-24.
- Gisondi, Emanuel. Screw anchorages with a plurality of tongues for receiving screws of different size and length. 2,823,572, 2-18-58, Cl. 85-24.
- Gister, Sidney: *See—*
- Beinfest, Sidney, Halpern, and Gister. 2,857,680.
- Carpenter, Gilbert B., Leeds, and Gister. 2,863,926.
- Gits Bros. Mfg. Co.: *See—*
- Andresen, Hilmar A. and R. H. 2,835,267.
- Gits, Remi J. 2,824,760.
- Jensen, Hans. 2,844,393.
- Gits, Henricus J., and J. Verboom, to North American Philips Co., Inc. Circuit-arrangement protecting cathode-ray tube of television receivers. 2,846,616, 8-5-58, Cl. 315-20.
- Gits, Joseph A.: *See—*
- Gits, Jules P. 2,863,241.
- Gits, Jules P. and J. A. 2,851,731.
- Gits, Jules P., $\frac{1}{2}$ to J. A. Gits. Molded articles and methods of making same. 2,863,241, 12-9-58, Cl. 40-136.
- Gits, Jules P. and J. A. Method of molding arcuate indicia-containing articles. 2,851,731, 9-16-58, Cl. 18-47.5.
- Gits, Remi J., to Gits Bros. Mfg. Co. Diaphragm type shaft seal. 2,824,760, 2-25-58, Cl. 286-11.14.
- Gittings, Homer T., Jr., and J. F. Kalbach, to United States of America as represented by the United States Atomic Energy Commission. Tube tester. 2,820,192, 1-14-58, Cl. 324-25.
- Gittins, Stanley R., to Tipdex (Holdings) Ltd. Cabinet. 2,853,352, 9-23-58, Cl. 312-218.

- Gittins, William G., to Volz Concrete Materials Co. Apparatus for use in manufacturing plastic faced building units. 2,842,826, 7-15-58, Cl. 23-1.
- Gittleman, Ralph: *See—*
Davidson, Gareth M., and Gittleman. 2,850,699.
- Gitzendanner, Louis G., to General Electric Co. Noise elimination system for capacitive scanning apparatus. 2,821,684, 1-28-58, Cl. 333-24.
- Gitzendanner, Louis G., to General Electric Co. Receiver scanning system. 2,852,772, 9-16-58, Cl. 343-100.
- Gitzendanner, Louis G., and C. J. Falk, to General Electric Co. Scanning apparatus. 2,855,572, 10-7-58, Cl. 333-24.
- Giuffrida, Joseph, and G. B. Fraria, Jr., to Columbia Broadcasting System, Inc. Control potentiometer. 2,866,124, 12-23-58, Cl. 315-13.
- Giuliano, James T. Clip. 2,827,061, 3-11-58, Cl. 132-50.
- Giuliano, Vincent E., and R. D. Harvey, to General Motors Corp. Check valve device. 2,836,193, 5-27-58, Cl. 137-514.7.
- Giube, Joe D., and L. E. Worcester. Machine for making open wire transmission line. 2,846,347, 8-5-58, Cl. 154-2.24.
- Giulietti Accordion Corp.: *See—*
Giulietti, Julio. 2,826,952.
- Giulietti, Julio, to Giulietti Accordion Corp. Accordion. 2,826,952, 3-18-58, Cl. 84-376.
- Giusiardi, Albert: *See—*
Blaha, Donald L., and Mainland. 2,839,300.
- Giusti, Jeanni. Wrinkle removing devices. 2,863,448, 12-9-58, Cl. 128-76.
- Givan, David E. Center-punching tool. 2,830,378, 4-15-58, Cl. 33-189.
- Givaudan Corp.: *See—*
Kitchens, Garry C. 2,842,598.
Kitchens, Garry C. 2,851,480.
- Given Machinery Co.: *See—*
Jordan, Hans. 2,847,683.
Jordan, Hans. 2,851,224.
Jordan, Hans. 2,858,989.
Jordan, Hans. 2,860,836.
- Givens, Ben L. Moisture retaining helmet for the treatment of hair or scalp. 2,858,834, 11-4-58, Cl. 132-9.
- Givens, Richard C.: *See—*
Gilliland, Melvin E., and Givens. 2,848,416.
- Jordan, Terence B., Dilworth, and Givens. 2,827,395.
- Nelson, Roy F., Givens, and Pitman. 2,830,022.
- Scheffey, William J., Givens, and Hefty. 2,842,496.
- Glab, William T., to Adams Carr & Collier Co. Methods of making a lignocellulose product and products resulting therefrom. 2,864,715, 12-16-58, Cl. 106-163.
- Glabe, Elmer F., to Food Technology, Inc. Method of preparing bakery products. 2,827,378, 3-18-58, Cl. 99-90.
- Glacier Metal Co. Ltd.: *See—*
Burke, Anthony E. 2,865,562.
- Gladden, John N., to Gladden Products Corp. Power braking system. 2,847,829, 8-19-58, Cl. 60-54.6.
- Gladden Products Corp.: *See—*
Gladden, John W. 2,847,829.
- Gladding, Edward K.: *See—*
Benning, Anthony F., Burt, and Gladding. 2,843,568.
Benning, Anthony F., and Gladding. 2,843,569.
- Gladding, McBean & Co.: *See—*
Compton, Max D., Goodrich, and Ragan. 2,832,695.
Currier, Arthur E. 2,829,419.
- Glade, Nathaniel J., I. Hechenbleikner, and D. W. Kaiser, to American Cyanamid Co. Textile fire retardant treatment. 2,828,228, 3-25-58, Cl. 117-136.
- Gladfelter, Willie I., and M. E. Fahrney, to Pangborn Corp. Abrasive separator. 2,866,547, 12-30-58, Cl. 209-33.
- Gladiola Biscuit Co.: *See—*
Wempe, Kenneth A., and Smith. 2,823,130.
- Gladman, John C.: *See—*
Woodcock, Raymond, Taylor, and Gladman. 2,851,676.
- Gladrow, Elroy M.: *See—*
Kimberlin, Charles N., Jr., and Gladrow. 2,859,185.
- Gladrow, Elroy M., to Esso Research and Engineering Co. Hydroforming catalyst containing a group VI metal oxide supported on a zinc-zirconium aluminate spinal. 2,846,365, 8-5-58, Cl. 196-50.
- Gladstone, Leonard. Pants protective covering. 2,843,300, 7-15-58, Cl. 223-98.
- Gladstone, Lewis. Illuminated cover plate for electrical outlets. 2,839,670, 6-17-58, Cl. 240-2.
- Gladstone, Nathan H., and V. Arkin. Hinge-lock for pivoted arms. 2,833,038, 5-6-58, Cl. 32-23.
- Gladstone, William D. Hammer for percussion instruments. 2,853,912, 9-30-58, Cl. 94-422.
- Glamann, Wilhelm. Power transmission construction for supercharged internal combustion engines. 2,852,084, 9-16-58, Cl. 180-54.
- Glancy, Joseph B. Apparatus for the production, collection, and protection of oyster set. 2,853,049, 9-23-58, Cl. 119-4.
- Glascodine, Richard D. S., to Imperial Chemical Industries Ltd. Electrolytic cells. 2,861,938, 11-25-58, Cl. 204-243.
- Glasebrook, Arthur L., to Hercules Powder Co. Removal of formate ions from pentaerythritol solutions. 2,846,476, 8-5-58, Cl. 260-637.
- Glasebrook, Arthur L., to Hercules Powder Co. Dehydrogenation of sulfur-contaminated monocyclic terpenes. 2,857,439, 10-21-58, Cl. 260-668.
- Glaser, Clarence F. Ornamental device. 2,821,802, 2-4-58, Cl. 41-10.
- Glaser, David, to General Mills, Inc. Stabilization of mixtures of polyamide, epoxy resin solutions with formic acid. 2,844,552, 7-22-58, Cl. 260-18.
- Glaser, Donald A.: *See—*
Didde, Carl W., and Glaser. 2,846,214.
- Glaser, Frank W., to Borolite Corp. Hot strength corrosion resistant material and production thereof. 2,862,828, 12-2-58, Cl. 106-56.
- Glaser, Harry W., to The Western Union Telegraph Co. Aqueous graphite-polyvinyl alcohol ink composition. 2,833,736, 5-6-58, Cl. 260-29.6.
- Glaser, L. Chester: *See—*
Seiler, William. 2,835,030.
- Glaser, Milton A.: *See—*
Dowd, Laurence E., and Glaser. 2,866,710.
- Glaser, Myron B.: *See—*
Hecht, Herbert, and Glaser. 2,830,291.
- Glaser, Rolf, to Starrfrasmachinen A. G. Device for transmitting the movement of the gaging pin to the control slide valve in hydraulically operated control gear for machine tools. 2,841,355, 7-1-58, Cl. 251-3.
- Glaser, Rolf, to Starrfrasmachinen A. G. Copying machine tool. 2,841,356, 7-1-58, Cl. 251-3.
- Glaser, Wolfgang: *See—*
Muller, Max A., and Glaser. 2,844,427.
- Glaser, Wolfgang, to Goetzwerke Friedrich Goetz Akt. Torsion piston ring. 2,844,426, 7-22-58, Cl. 309-44.
- Glasgow, Clarence O., to National Tank Co. Pilot-operated valves. 2,854,994, 10-7-58, Cl. 137-414.
- Glasgow, Clarence O., to National Tank Co. Devices for regulating liquid levels in liquid accumulation vessels. 2,857,055, 10-21-58, Cl. 210-540.
- Glass, Dwight W., to The Yale & Towne Mfg. Co. Removable cylinder lock and knob. 2,825,220, 3-4-58, Cl. 70-224.
- Glass, Frederick F., to Air Controls Products, Inc. Side wall register. 2,847,928, 8-19-58, Cl. 98-106.
- Glass, Henry P.: *See—*
Fischer, Samuel M., and Glass. 2,823,391.
- Glass, Henry P., to Mutual Furniture Associates, Inc. Furniture employing arm rests movable horizontally into a back member. 2,866,496, 12-30-58, Cl. 155-112.
- Glass, James W. Germicidal device. 2,824,343, 2-25-58, Cl. 21-74.
- Glass, John A. F., to United States of America, Atomic Energy Commission. Nut screw mechanisms. 2,841,026, 7-1-58, Cl. 74-424.8.
- Glass, John P. Synchro construction and method for making same. 2,819,417, 1-7-58, Cl. 310-258.
- Glass, John P. Electric follower and test equipment. 2,858,509, 10-28-58, Cl. 324-158.
- Glass, King I., and R. L. Meek, to Monsanto Chemical Co. Continuous process for making urea. 2,857,431, 10-21-58, Cl. 260-555.
- Glass, Martin T., and F. E. Houghton. Straight sided hat or cap and shaping means therefor. 2,822,549, 2-11-58, Cl. 2-195.
- Glass, Marvin I. Frame for holding a plurality of snapshot photos. 2,833,071, 5-6-58, Cl. 40-152.1.
- Glass, Marvin I. Toy racing game. 2,853,301, 9-23-58, Cl. 273-86.
- Glass, Marvin I., and F. Zant. Toy tops. 2,818,675, 1-7-58, Cl. 46-69.
- Glass, Marvin I., H. E. Morris, and H. A. Goldsmith; said Morris and said Goldsmith assors. to said Glass. Device for selectively forming various pictorial representations and for projecting same on a viewer. 2,846,921, 8-12-58, Cl. 88-27.
- Glass, Myron S., and L. R. Walker, to Bell Telephone Laboratories, Inc. Oscillating electrical circuits. 2,829,306, 4-1-58, Cl. 315-39.75.
- Glassanos, Andrew, to General Electric Co. Split collar insulation for stationary electrical induction apparatus. 2,857,650, 8-12-58, Cl. 336-197.
- Glassburn, William E., to Westinghouse Electric Corp. Unbalanced-fault generator-protection. 2,836,767, 5-27-58, Cl. 317-13.
- Glassenberg, Marvin. Combined drainage rack and storage receptacle. 2,847,127, 8-12-58, Cl. 211-34.
- Glasser, Charles. Cigarette receptacle. 2,861,577, 11-25-58, Cl. 131-235.
- Glasser, Max E. Respirators for animals. 2,843,119, 7-15-58, Cl. 128-142.
- Glasser, Sidney P., to United States of America, Navy. Constant flow lube system. 2,833,374, 5-6-58, Cl. 184-6.
- Glassey, Courtney Q. Loudspeaker housing using an open side as a horn mouth. 2,835,335, 5-20-58, Cl. 181-31.
- Glassey, Eugene A. Line following servosystem. 2,837,706, 6-3-58, Cl. 318-31.
- Glassman, Nathan S.: *See—*
Harring, Michael G., and Glassman. 2,858,740.
- Glasson, Roy A., to Johnson & Johnson. Mold structure. 2,859,478, 11-11-58, Cl. 18-42.
- Glastic Corp.: *See—*
White, Roger B. 2,818,606.
White, Roger B. 2,841,636.
- Glas- und Spiegel-Manufaktur Act-Ges.: *See—*
Verch, Walter. 2,826,869.
- Glaus, Rudolf, to Minneapolis-Honeywell Regulator Co. Automatic pilots. 2,827,249, 3-18-58, Cl. 244-77.

- Glaxner, Daniel and E. C. Kilpatrick, to Columbian Carbon Co. Carbon black pelleting process. 2,828,191, 3-25-58, Cl. 23-314.
- Glaxner, Daniel, and E. C. Kilpatrick, to Columbian Carbon Co. Apparatus for treating carbon black. 2,861,294, 11-25-58, Cl. 18-1.
- Glaxo Laboratories Ltd.: See—
Graham, William. 2,820,044.
Graham, William. 2,861,089.
Hamlet, John C., Ritchie, and Wyman. 2,856,403.
Holt, Thomas E., and Clayton. 2,827,456.
Rhodes, Alan, Crosse, and Ferguson. 2,843,527.
- Glaza, Thaddeus J., J. Kessler, L. W. Soldan, M. Mikes, and W. J. Clark, Jr., to Crane Co. Combined weight measuring and dumping device. 2,822,908, 2-11-58, Cl. 193-18.
- Glaze, Stanley G.: See—
Smith, Charles P., and Glaze. 2,823,879.
- Glaze, Stanley G., and C. P. Smith, to H. M. Hobson Ltd. Manually controlled electro-hydraulic system for aircraft. 2,826,896, 3-18-58, Cl. 60-97.
- Glazer, Irving D. Bottle carrier. 2,821,327, 1-28-58, Cl. 220-102.
- Glazer, Milton L.: See—
Galinsky, Milton L., and Glazer. 2,856,897.
- Glaizer, Archie, Jr., 50% to R. O. Giles. Axle adapter for adjustable wheel. 2,819,117, 1-7-58, Cl. 301-1.
- Glaizer, Edwin M., and J. M. Harrison, to Gulf Research & Development Co. Separation of aromatic and non-aromatic hydrocarbons. 2,848,387, 8-19-58, Cl. 202-42.
- Glaizer, Frederick P., and J. H. Newman, to Curtiss-Wright Corp. Laminated heating structure. 2,859,322, 11-4-58, Cl. 201-73.
- Gleasman, Hollis K., and A. J. Strozinski, to Bendix Aviation Corp. Flexible cable operating mechanism for two-speed bicycle gearing. 2,824,463, 2-25-58, Cl. 74-489.
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- Gleasman, Vernon E., to The White Motor Co. Paper feed mechanism for dry toilets. 2,838,015, 6-10-58, Cl. 110-9.
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- Gleason, Anthony H., to Esso Research and Engineering Co. Low viscosity synthetic drying oils. 2,826,618, 3-11-58, Cl. 260-669.
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- Gleason, Anthony H., and D. F. Koenecke, to Esso Research and Engineering Co. Unsaturated hydrocarbon drying oils containing a hardening agent and a process of making them. 2,856,309, 10-14-58, Cl. 106-285.
- Gleason, Harry L.: See—
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- Gleason, Howard S., to General Dynamics Corp. Apparatus for magnetic printing. 2,841,461, 7-1-58, Cl. 346-74.
- Gleason, Joseph P., to Bendix Aviation Corp. Circuit for producing linear sweep potential. 2,864,949, 12-16-58, Cl. 250-27.
- Gleason, Stanley F. Operating mechanism for toilet flush tank valve. 2,835,900, 5-27-58, Cl. 4-67.
- Gleason, Tyler J. Portable cement mixing device. 2,837,321, 6-3-58, Cl. 259-177.
- Gleason Works, The: See—
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- Gleerup-Moller. Drive mechanism for flap-carrying drums. 2,833,067, 5-6-58, 40-111.
- Gleeson, William S.: See—
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- Gleim, William K. T., to Universal Oil Products Co. Stabilization of organic compounds. 2,833,636, 5-6-58, Cl. 44-75.
- Gleim, William K. T., to Universal Oil Products Co. Rubber containing demethylated wood tar distillate. 2,843,643, 7-15-58, Cl. 260-158.
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- Gleitsman, Harold, and C. Fuerst, to Gleitsman's, Inc. Ottomans. 2,838,097, 6-10-58, Cl. 155-169.
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- Glendenin, Lawrence E., and H. Gest, to United States of America, Atomic Energy Commission. Separation of radioactive columbium tracer. 2,849,467, 8-26-58, Cl. 260-429.
- Glendenning, Everett B., C. Wies, and J. B. R. Caron, to Shell Development Co. Anti-clogging fuel oil compositions. 2,866,694, 12-30-58, Cl. 44-68.
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- Glenn, Edward R. Fuel injecting apparatus. 2,859,741, 11-11-58, Cl. 123-119.
- Glenn, Glen R. Means for editing sound recordings. 2,852,616, 9-16-58, Cl. 179-100.1.
- Glenn, John E., and H. L. Hubbard, to Northrop Aircraft, Inc. Aileron control system. 2,859,927, 11-11-58, Cl. 244-90.
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- Glennier, Robert J. Hemostat-retractor. 2,829,649, 4-8-58, Cl. 128-325.
- Glenny, Clarence S., to The Washburn Co. Wire basket construction. 2,825,481, 3-4-58, Cl. 220-19.
- Glesner, Charles W., to The Dow Chemical Co. Primary cell. 2,845,471, 7-29-58, Cl. 136-101.
- Glick, Edward G., 1/2 to R. McCormick. Holding mechanism for the accelerator of an automobile. 2,822,902, 2-11-58, Cl. 192-3.
- Glick, Herbert S.: See—
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- Glick, Julius L.: See—
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- Glickman, Mannes N.: See—
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- Glickman, Richard B., to Minneapolis-Honeywell Regulator Co. Pilot generator. 2,859,263, 11-4-58, Cl. 136-4.
- Glickman, Samuel A., to General Aniline & Film Corp. Stabilization of polymeric N-vinyl pyrrolidones with hydrazino compounds. 2,821,519, 1-28-58, Cl. 260-45.5.
- Glicksman, Richard: See—
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- Globe Co., The: *See*—
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- Globus, Alfred R., to United International Research, Inc. Production of titanium tetrachloride. 2,858,189, 10-28-58, Cl. 23—87.
- Glocker, Edwin M., to W. R. Grace & Co. Aluminum fluoride manufacture. 2,842,426, 7-8-58, Cl. 23—88.
- Glockl, Hans, to Maschinenfabrik Augsburg-Nürnberg A. G. Piston wrist pin fastening means. 2,849,266, 8-26-58, Cl. 309—19.
- Glodde, Herman E. Detreading tool. 2,842,833, 7-15-58, Cl. 29—79.
- Glodde, Herman E. Tire casing conditioning means. 2,864,444, 12-16-58, Cl. 164—10.2.
- Gloss, Paul F. M., to Societe d'Electronique et d'Automatisme. Binary to decimal conversion system. 2,830,758, 4-15-58, Cl. 235—61.
- Gloss, Paul F. M., to International Standard Electric Corp. Electric circuit for use with cathode ray tubes. 2,855,593, 10-7-58, Cl. 343—11.
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- Gloskey, Carl R., to Metal & Thermit Corp. Polyvinyl chloride resin compositions containing organotin mixed salts of a fatty acid and maleic acid. 2,826,561, 3-11-58, Cl. 260—45.75.
- Gloskey, Carl R., to Metal & Thermit Corp. Stabilizer for resins. 2,826,597, 3-11-58, Cl. 260—429.7.
- Gloskey, Carl R., to Metal & Thermit Corp. Process for making organotin maleates. 2,838,554, 6-10-58, Cl. 260—429.7.
- Gloskey, Carl R., to Metal & Thermit Corp. Process for the preparation of high purity alkyltin compounds. 2,862,944, 12-2-58, Cl. 260—429.7.
- Gloss, Gunter H., and W. J. McGinnis, to International Minerals & Chemical Corp. Production of potassium carbonate. 2,837,403, 6-3-58, Cl. 23—33.
- Gloss, Gunter H., and D. H. Reeve, to International Minerals & Chemical Corp. Process for the production of hydrogen fluoride. 2,865,711, 12-23-58, Cl. 23—153.
- Glossop, Glenn A., to Colgate Palmolive Co. Shipping unit. 2,861,714, 11-25-58, Cl. 220—63.
- Glotzer, Jack. Adjustable pants hanger. 2,850,219, 9-2-58, Cl. 223—96.
- Glover, Bertram W.: *See*—
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- Glover, Earl W., to General Motors Corp. Indexing means for splined connected members and the like. 2,839,902, 6-24-58, Cl. 64—6.
- Glover, Earl W., to General Motors Corp. Ball bearing spline. 2,845,782, 8-5-58, Cl. 64—23.
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- Glover, William F., to International Standard Electric Corp. High frequency electric transformers. 2,850,709, 9-2-58, Cl. 336—232.
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- Glower, Donald D., and A. M. Rockwood, to Valvair Corp. Fluid valve. 2,822,824, 2-11-58, Cl. 137—625.42.
- Glowka, Martin. Flexible plastic covering for garment hangers. 2,853,217, 9-23-58, Cl. 223—98.
- Glowka, Martin. Protective covering for garment hangers. 2,853,218, 9-23-58, Cl. 223—98.
- Glowzinski, Chester J., to General Motors Corp. Illuminated ash tray. 2,851,583, 9-9-58, Cl. 240—2.
- Glowzinski, Chester J., to General Motors Corp. License plate frame and holder. 2,865,123, 12-23-58, Cl. 40—125.
- Gloyer, Stewart W., H. A. Vogel, and D. D. Brenner, to Pittsburgh Plate Glass Co. Blends of alkenylphenol-aldehyde resins with polyepoxide resins and metallic surfaces coated therewith. 2,856,094, 10-14-58, Cl. 220—64.
- Gluchowicz, Gerszon, to Ulvsunda Verkstad Aktiebolag. Guide means for machine parts. 2,863,705, 12-9-58, Cl. 308—6.
- Gluchowicz, Gerszon. Device for driving rapidly rotating spindles. 2,866,671, 12-30-58, Cl. 308—189.
- Gluck, Samuel. Button-on sheets for blankets, comforters and quilts. 2,821,723, 2-4-58, Cl. 5—335.
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- Glueckstein, Henry J., and R. V. Anderson, to Globe-Union Inc. Index mechanism with intermediate stop. 2,857,782, 10-28-58, Cl. 74—527.
- Gluesenkamp, Earl W., and W. E. Weesner, to Monsanto Chemical Co. Catalytic hydrogenation. 2,844,573, 7-22-58, Cl. 260—92.8.
- Gluesenkamp, Earl W., and J. D. Calfee, to Monsanto Chemical Co. Vinylene carbonate-ethylene copolymer and method of producing same. 2,847,398, 8-12-58, Cl. 260—77.5.
- Gluesenkamp, Earl W., and J. D. Calfee, to Monsanto Chemical Co. Interpolymers of vinylene carbonate with halo-substituted ethylenes. 2,847,401, 8-12-58, Cl. 260—77.5.
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- Gluesenkamp, Earl W., G. H. Birum, and W. E. Weesner, to Monsanto Chemical Co. Insecticidal materials. 2,857,306, 10-21-58, Cl. 167—22.
- Glukes, Bernard R. Animated indicia by color occlusion. 2,863,239, 12-9-58, Cl. 40—132.
- Glukes, Bernard R. Balanced color illumination system. 2,863,240, 12-9-58, Cl. 40—132.
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- Glutting, Earl A. Paring and slicing knives. 2,858,610, 11-4-58, Cl. 30—279.
- Glyn, Theodore W., to Blue Ridge Glass Corp. Electric wall heater with heat reflector. 2,822,456, 2-4-58, Cl. 219—34.
- Glynn, Harry E., and P. F. Pascoe, to Whiffen and Sons Ltd. Soldering fluxes. 2,829,998, 4-8-58, Cl. 148—23.
- Glynn, William J., to ACF Industries, Inc. Secondary throttle operator for two-stage carburetors. 2,823,018, 2-11-58, Cl. 261—23.
- Glyptis, Nicholas D. Electron tube. 2,834,907, 5-13-58, Cl. 313—293.
- Gmeiner, Archibald R., to Kimberly-Clark Corp. Ceramic products. 2,839,415, 6-17-58, Cl. 106—71.
- Gmür, Bruno, to Gebrüder Buehler. Silo installation for storing articles. 2,834,447, 5-13-58, Cl. 193—12.
- Gnaedinger, Robert J., to Chemjet Corp. Process for solidifying porous materials. 2,865,177, 12-23-58, Cl. 61—36.
- Goad, Jesse J., Jr. Mechanical cork aggregate remover. 2,842,949, 7-15-58, Cl. 69—6.5.
- Goard, Howard W., to Phillips Petroleum Co. Treatment of metal halide sludges. 2,855,448, 10-7-58, Cl. 260—633.57.
- Gobat, Andre R., and H. G. Nordin, to International Telephone and Telegraph Corp. Semiconductor device. 2,845,375, 7-29-58, Cl. 148—1.5.
- Gobberdiel, Peter P. Differential gearing. 2,827,803, 3-25-58, Cl. 74—711.
- Gobbi, Diego. Electrically operated musical instrument. 2,849,909, 9-2-58, Cl. 84—355.
- Gobeille, Edgar R., and M. Verdooner. Vacuum transfer arm for contact printers. 2,842,037, 7-8-58, Cl. 95—76.
- Gobiet, Viktor: *See*—
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- Godart, Jean A. R.: *See*—
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- Godat, Jean J. L.: *See*—
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- Godharsen, Robert, Jr., to General Electric Co. Ray sensitive screen unit and associated apparatus. 2,840,716, 6-24-58, Cl. 250—71.

- Godbey, John K., to Socony Mobil Oil Co., Inc. Self-sustaining oscillatory acoustic well logging. 2,849,075, 8-26-58, Cl. 181—5.
- Godbey, John W.: *See—*
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- Godchaux, Paul L., II: *See—*
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- Goddin, Clifton S., Jr.: *See—*
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- Godel, Albert, to Compagnie Industrielle de Procédés et d'Applications S. A. Process for the gasification of granulated fluidized bed of carbonaceous material, over moving, sloping, horizontal, continuous grate. 2,866,696, 12-30-58, Cl. 48—203.
- Godel, Siegfried, to Olivetti Corp. Printing mechanism. 2,837,274, 6-3-58, Cl. 235—58.
- Goder Incinerator Corp.: *See—*
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- Godes, Elliot, to Anemostat Corp. of America. Air outlet device for ventilating apparatus. 2,837,019, 6-3-58, Cl. 98—40.
- Godfrey, Charles E., and W. T. Johnson, Jr., to American Brake Shoe Co. Trucks for track fastening devices. 2,837,033, 6-3-58, Cl. 105—162.
- Godfrey, Donald R., and E. L. Tisdell, to Westinghouse Electric Corp. Stop for electrical control apparatus. 2,857,999, 10-28-58, Cl. 192—142.
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- Godfrey, Grant. Two-way bit. 2,821,364, 1-28-58, Cl. 255—64.
- Godfrey, James H., to The Stanley Works. Mortise template assembly. 2,821,028, 1-28-58, Cl. 33—197.
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- Godfrey, Kenneth L., to Monsanto Chemical Co. Amidation of phosphorus halides with organic amines. 2,822,550, 9-16-58, Cl. 260—461.
- Godfrey, Milton L., to Talon, Inc. Method of making sliders. 2,844,866, 7-29-58, Cl. 29—409.
- Godfrey, Sir George, and Partners (Holdings) Ltd.: *See—*
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- Godfrin, Albert: *See—*
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- Godlewski, Robert E.: *See—*
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- Godowsky, Leopold, to Eastman Kodak Co. Photographic layers containing the reaction product of ammonia on a styrene-maleic anhydride copolymer. 2,843,488, 7-15-58, Cl. 96—103.
- Godowsky, Leopold, A. Weissberger, and W. F. Knechel, to Eastman Kodak Co. Photographic emulsion with vinyl alcohol-N-allyloxycarbonyl amide copolymer continuous phase. 2,835,580, 5-20-58, Cl. 96—98.
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- Godschalk, Adrian T.: *See—*
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- Purdy, Bruce B., and Godschalk. 2,845,958.
- Godshalk, Henry W., to E. I. du Pont de Nemours and Co. Coating composition comprising a methyl methacrylate polymer and a cellulose ester and process for preparing same. 2,860,110, 11-11-58, Cl. 260—17.
- Godshalk, James B., and G. F. Stone, to Fox Products Co. Gardener's utensil. 2,829,705, 4-8-58, Cl. 155—167.
- Godshall, Alvin E. Candle and holder. 2,853,866, 9-30-58, Cl. 67—27.
- Godt, Henry C., Jr., J. F. Quinn, and H. Raffelson, to Monsanto Chemical Co. Aminohydroxylimino aliphatic carboxylic acids and the preparation thereof. 2,851,489, 9-9-58, Cl. 260—534.
- Godt, Henry C., Jr., and J. F. Quinn, to Monsanto Chemical Co. Guanlyl aliphatic mono-carboxylic acids. 2,851,490, 9-9-58, Cl. 260—534.
- Godwin, Robert A., to The Allen-Sherman-Hoff Co. Vent bag filter. 2,821,262, 1-28-58, Cl. 183—52.
- Goebel, Hermann, and E. Glietenberg, to Farbenfabriken Bayer Aktiengesellschaft. Brown tetrakisazo dyestuff and its heavy metal complex compounds. 2,830,979, 4-15-58, Cl. 260—145.
- Goebel, Max T., to E. I. du Pont de Nemours and Co. Chloramphenicol ester compositions. 2,852,430, 9-16-58, Cl. 167—65.
- Goebel, Oscar: *See—*
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- Goebel, Paula E.: *See—*
Billings, Alfred H. 2,839,622.
- Goebel, Walter E.: *See—*
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- Goebel, Walter E., to American Radiator and Standard Sanitary Corp. Cabinet structure. 2,866,676, 12-30-58, Cl. 312—257.
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- Goebel, William A., and A. C. Giese. Luminous sign. 2,852,877, 9-23-58, Cl. 40—130.
- Goebig, Reba C., to Samuel Jackson's Sons, Inc. Non-rolling fusee. 2,848,946, 8-26-58, Cl. 102—37.8.
- Goeckermann, Robert H.: *See—*
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- Goede, Henri. Internal combustion engine. 2,827,883, 3-25-58, Cl. 123—32.
- Goedkoop, Martinus L., to Stamicarbon N. V. Apparatus for continuously carrying out reactions employing solid substances in the fluidized state. 2,829,955, 4-8-58, Cl. 23—288.
- Goeggel, John. Retractable motor vehicle top. 2,861,836, 11-25-58, Cl. 296—137.
- Goehner, William R., and C. M. Taris, to Bell Telephone Laboratories, Inc. Means for erasing a magnetic record. 2,846,518, 8-5-58, Cl. 179—100.2.
- Goehring, Robert M., 50% to R. C. Brodie. Scriber. 2,827,701, 3-25-58, Cl. 33—27.
- Goekler, Robert G. Internal alignment apparatus for pipe sections. 2,821,946, 2-4-58, Cl. 113—103.
- Goemann, Richard P., to H. H. Robertson Co. Multi-storied building and air conditioning structure. 2,849,942, 9-2-58, Cl. 98—31.
- Goenaga, Alvaro M., to Diamond Alkali Co. Method of defoliating plants. 2,832,680, 4-29-58, Cl. 71—2.5.
- Goepfert, George J., and C. von Doenhoff, to The Carburandum Co. Nitrile rubber bonded abrasive modified by a diketone. 2,822,254, 2-4-58, Cl. 51—298.
- Goepfrich, George A.: *See—*
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- Goepfrich, Rudolph A., and B. E. House, to Bendix Aviation Corp. Brake assembly. 2,822,065, 2-4-58, Cl. 188—78.
- Goepfinger, Edward J.: *See—*
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- Bourns, Marlan E., Harrison, Hedges, and Goepfinger. 2,857,495.
- Bourns, Marlan E., Harrison, Young, and Goepfinger. 2,831,670.
- Goering, Hans G.: *See—*
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- Tegge, Bruce R., and Goering. 2,856,392.
- Goering, Hans G., to Esso Research and Engineering Co. Process for purification of polymerization diluents. 2,856,393, 10-14-58, Cl. 260—94.8.
- Goerlich, Reinhard, and M. Muller, to International Standard Electric Corp. Device for storing switching information for controlling operations of conveying systems. 2,857,059, 10-21-58, Cl. 214—11.
- Goertz, Raymond C., W. M. Thompson, and R. A. Olsen, to United States of America, Atomic Energy Commission. Electronic master slave manipulator. 2,846,084, 8-5-58, Cl. 214—1.
- Goertz, Richard: *See—*
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- Goeske, Charles J. Attachment for lawn mowers. 2,830,429, 4-15-58, Cl. 56—249.
- Goessling, Gerald A. Non-solid erasable writing medium and instrument utilizing same. 2,852,397, 9-16-58, Cl. 106—31.
- Goessling, Gerald A. Base for non-solid writing media. 2,852,398, 9-16-58, Cl. 106—31.
- Goett, John J.: *See—*
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- Goetting, Raymond J., to R. C. Freeman and W. Morren, Jr. Marker. 2,857,695, 10-28-58, Cl. 40—10.
- Goettl, Adam D. Air directing louver devices. 2,821,899, 2-4-58, Cl. 98—40.
- Goettl, Albert B., to International Metal Products Co. Evaporative cooler and bleedoff means therefor. 2,856,166, 10-14-58, Cl. 261—29.
- Goettl, William H. Composite evaporative cooler pads. 2,829,732, 4-8-58, Cl. 183—13.
- Goetz, Alexander, and H. E. Karig, to Dr. M. Fallon. Methods for the treatment of industrial aerosols. 2,858,903, 11-4-58, Cl. 183—121.
- Goetz, Carlos C. Vibration insulator. 2,837,145, 6-3-58, Cl. 155—182.
- Goetz, George P.: *See—*
Zeigler, Albert H., and Goetz. 2,850,769.
- Goetz, Harvey J., to Dorr-Oliver Inc. Method and apparatus for grit removal from polluted liquids. 2,846,072, 8-5-58, Cl. 210—67.
- Goetz, Maurus T., to Fairchild Graphic Equipment, Inc. Tape transmitter. 2,857,459, 10-21-58, Cl. 178—17.
- Goetz, Maurus T., and R. H. Halvorsen, to Fairchild Graphic Equipment, Inc. Keyboard perforator and counter for setting tabular matter. 2,838,114, 6-10-58, Cl. 164—112.
- Goetz, Michael B. Absorbent regenerator and thermal recirculator and method of operating same. 2,841,217, 7-1-58, Cl. 159—22.
- Goetze, Rolf F., to Rand Goetze Corp. Piston sealing means. 2,844,424, 7-22-58, Cl. 309—44.
- Goetzel, Claus G.: *See—*
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- Ellis, John L., Knox, Adamec, and Goetzel. 2,843,501.
- Grant, Nicholas J., and Goetzel. 2,823,988.
- Goetzel, Claus G., J. B. Adamec, J. D. Knox, and J. L. Ellis, to Sintercast Corp. of America. Composite mold assembly. 2,827,874, 3-25-58, Cl. 118—401.
- Goetzel, Claus G., N. J. Grant, L. P. Skolnick, and J. L. Ellis, to Sintercast Corp. of America. Titanium tool steel. 2,828,202, 3-25-58, Cl. 75—123.

- Goetzel, Claus G., and L. P. Skolnick, to Sintercast Corp. of America. Methods of infiltrating high melting skeleton bodies. 2,828,225, 3-25-58, Cl. 117-119.
- Goetzel, Claus G., and L. P. Skolnick, to Sintercast Corp. of America. Method of interstitially casting metal in high melting skeleton bodies. 2,828,226, 3-25-58, Cl. 117-120.
- Goetzel, Claus G., N. J. Grant, J. A. Yoblin, and L. P. Skolnick, to Sintercast Corp. of America. Method of manufacturing heat resistant sintered articles. 2,852,367, 9-16-58, Cl. 75-201.
- Goetzel, Claus G., and J. L. Ellis, to Sintercast Corp. of America. Corrosion resistant sintered iron-silicon filter. 2,863,562, 12-9-58, Cl. 210-496.
- Goetzewerke Friedrich Goetz Akt.: See—
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- Goff, Chester R. Headlight adjustment. 2,824,215, 2-18-58, Cl. 240-41.6.
- Goff, John W., to United Screw Products & Mfg. Co. Drinking fountain for poultry and the like. 2,849,020, 8-26-58, Cl. 137-408.
- Goff, Maurice A.: See—
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- Goffinet, Bernard: See—
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- Gofman, John W.: See—
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Seaborg, Glenn T., Gofman, and Stoughton. 2,861,866.
- Gogberg, Carl G.: See—
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- Goglanian, Zohrab. Tool holder. 2,848,788, 8-26-58, Cl. 29-96.
- Goheen, David W., to Crown Zellerbach Corp. Process of making methyl mercaptan. 2,840,614, 6-24-58, Cl. 260-609.
- Gohel Tanabe & Co., Ltd.: See—
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- Gohorel, Fernand P., to International Standard Electric Corp. Automatic telephone systems. 2,850,575, 9-2-58, Cl. 179-18.
- Gohorel, Fernand P., to International Standard Electric Corp. Automatic telephone systems. 2,853,556, 9-23-58, Cl. 179-22.
- Goins, Robert R.: See—
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- Goins, Robert R., to Phillips Petroleum Co. Reactor and method of operating same. 2,836,636, 5-27-58, Cl. 260-679.
- Goins, Robert R., and L. E. Dean, to Phillips Petroleum Co. Detection of the presence of solids in fluid media. 2,855,268, 10-7-58, Cl. 23-1.
- Goins, William C., Jr.: See—
Beach, Horace J., Goins, and Rogers. 2,845,389.
- Gola, Joseph, Jr.: See—
Bonotto, Michele. 2,863,774.
- Golar, Paul: See—
Wagner, Henry A., Golar, and Kusa. 2,842,461.
- Golaski, Walter M. Circular knitting machine. 2,833,132, 5-6-58, Cl. 66-8.
- Golay, Donaven E., to Farmer Feeder Co., Inc. Device for measuring milk in a milking system. 2,853,050, 9-23-58, Cl. 119-14.17.
- Golay, Donaven E., to Farmer Feeder Co., Inc. Non-churning milk line elbow. 2,859,764, 11-11-58, Cl. 137-204.
- Golay, Marcel J. E., to The Perkin-Elmer Corp. Phase-nulling radiation comparison system. 2,829,275, 4-1-58, Cl. 250-220.
- Golay, Marcel J. E. Etching method and etching plate. 2,829,460, 4-8-58, Cl. 41-46.
- Golay, Marcel J. E. Radio interferometry. 2,837,736, 6-3-58, Cl. 343-12.
- Golbert, Simon A., and E. L. Almo; said Almo assignor to said Golbert. Variable inductor. 2,862,192, 11-25-58, Cl. 336-96.
- Golbond, Seymour H. Shopping cart guard. 2,823,042, 11-21-58, Cl. 280-33.99.
- Gold, Abraham. Opening means for handbags. 2,822,012, 2-4-58, Cl. 150-10.
- Gold, Charles M.: See—
Di Pasquale, Renato, and Gold. 2,851,509.
- Gold, David. Parachute riser system. 2,825,515, 3-4-58, Cl. 244-152.
- Gold, George: See—
Buchwald, Alex S., Benjamin, and Gold. 2,861,312.
- Gold, George. Divided panties for women and children. 2,852,780, 9-23-58, Cl. 2-224.
- Gold, Herman: See—
Lane, Clarence B., France, and Gold. 2,832,687.
- Gold, Herman, to National Dairy Products Corp. Machine for packing dry cheese curd. 2,850,047, 9-2-58, Cl. 141-80.
- Gold, Max L., to H. H. Kahn. Bottle closure. 2,860,802, 11-18-58, Cl. 215-45.
- Gold, Maxwell B., and J. D. Roberts, to Harco Mfg. Co. Inc. String-opening container and method of fabricating the same. 2,820,587, 1-21-58, Cl. 229-51.
- Gold, Philippe: See—
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- Gold, Robert M.: See—
Beeber, Allan R. A., and Gold. 2,852,377.
- Gold, Samuel, and I. Davis, to National Starch Products Inc. Coated polymeric terephthalate ester film. 2,850,406, 9-2-58, Cl. 117-122.
- Gold, Vance B., to American Can Co. Method of welding. 2,854,561, 9-30-58, Cl. 219-83.
- Goldberg, Abraham, and C. Schelp, to Columbia Broadcasting System, Inc. Television gamma control apparatus. 2,845,479, 7-29-58, Cl. 178-3.2.
- Goldberg, Abraham A.: See—
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- Goldberg, Edwin A., to Radio Corp. of America. Signal-amplitude responsive circuit. 2,838,663, 6-10-58, Cl. 250-27.
- Goldberg, Edwin A., to Radio Corp. of America. Delay line. 2,852,750, 9-16-58, Cl. 333-18.
- Goldberg, Edwin A., to Radio Corp. of America. Current switching device. 2,855,510, 10-7-58, Cl. 250-27.
- Goldberg, Ernest W. Shiftable film bed and optical system for projectors. 2,863,356, 12-9-58, Cl. 88-24.
- Goldberg, Ernest W., to Minneapolis-Honeywell Regulator Co. Combination slide and film projector with auto-focusing. 2,865,248, 12-23-58, Cl. 88-28.
- Goldberg, George. Clutching mechanism for foot presses and the like. 2,821,862, 2-4-58, Cl. 74-34.
- Goldberg, Gershon M.: See—
Blumer, Manuel, and Goldberg. 2,851,483.
- Goldberg, Harry H. Corner construction for metal door frames. 2,843,232, 7-15-58, Cl. 189-46.
- Goldberg, Jacob: See—
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- Goldberg, John S. Garden tool. 2,825,133, 3-4-58, Cl. 30-253.
- Goldberg, Leon and P., to Comet Lamp Co. Interchangeable fixture for electric lights. 2,858,381, 10-28-58, Cl. 191-12.
- Goldberg, Mark L. Method and means for deboning poultry. 2,850,762, 9-9-58, Cl. 17-44.1.
- Goldberg, Mark L. Method of deboning fowl necks. 2,851,362, 9-9-58, Cl. 99-107.
- Goldberg, Morton: See—
Goldsmith, Henry A., and Goldberg. 2,863,835.
- Goldberg, Moses W., and L. M. Jampolsky, to Hoffmann-La Roche Inc. 17-(2-piperidylmethyl)-androstenediols. 2,853,487, 9-23-58, Cl. 260-239.5.
- Goldberg, Moshe. Device for taking samples of liquid for testing. 2,866,340, 12-30-58, Cl. 73-425.6.
- Goldberg, Nathaniel D. Conveyor wear strip. 2,866,538, 12-30-58, Cl. 198-189.
- Goldberg, Perry: See—
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- Goldberg, Ralph. Drywall doorframes. 2,818,947, 1-7-58, Cl. 189-46.
- Goldberg, Ralph. Horizontal sliding window structure and frame therefor. 2,826,282, 3-11-58, Cl. 189-72.
- Goldberg, Richard J., and L. A. Levinson, to Technicolor Corp. Method of making dyed relief records. 2,837,430, 6-3-58, Cl. 96-35.
- Goldberg, Samuel D. Injectable local anesthetic solutions comprising mixtures of soluble procaine and butethamine salts. 2,838,439, 6-10-58, Cl. 167-52.
- Goldberg, Seymour: See—
Germeshausen, Kenneth J., and Goldberg. 2,824,994.
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- Goldblith, Samuel A.: See—
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- Goldbohm, Erich, and G. Prins, to North American Philips Co., Inc. System for identifying and piloting mobile objects from a control office by means of radar. 2,831,185, 4-15-58, Cl. 343-6.
- Golden, Billy J.: See—
Armstrong, Abbott E., Jr. 2,848,757.
- Golden, Daniel, to Underwood Corp. Signal attenuator. 2,835,867, 5-20-58, Cl. 323-66.
- Golden, David. Storage device for the control bars of business machines. 2,825,445, 3-4-58, Cl. 206-16.
- Golden, David. Holder for a scouring pad. 2,859,465, 11-11-58, Cl. 15-209.
- Golden, Jacob M., to Institute To Better Lighting, Inc. Plural-swivel electrical fixture joint with channel-shaped cable passageway. 2,855,225, 10-7-58, Cl. 285-168.
- Golden, Norman J., to Sylvania Electric Products Inc. Characteristic curve tracer. 2,833,986, 5-6-58, Cl. 324-57.
- Golden, Seymour. Liquid applicator. 2,826,194, 3-11-58, Cl. 128-173.
- Goldenberg, David, to Kramer Trenton Co. Reversible air conditioning system with hot gas defrosting means. 2,860,491, 11-18-58, Cl. 62-161.
- Goldfarb, Kenneth S.: See—
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- Goldfinger, Arthur A.: See—
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- Goldfischer, Lester I., and A. di Benedetto, to General Precision Laboratory Inc. Voltage controlled multivibrator oscillator. 2,846,583, 8-5-58, Cl. 250-36.
- Goldfus, Samuel M., to Motorola, Inc. Radio receiver. 2,844,715, 7-22-58, Cl. 250-20.
- Golding, David R. V., to E. I. du Pont de Nemours and Co. Preparation of peracetic acid. 2,833,814, 5-6-58, Cl. 260-502.
- Golding, William F. Mechanism for converting continuous into intermittent motion. 2,820,368, 1-21-58, Cl. 74-37.
- Golding, William F. Power presses. 2,864,305, 12-16-58, Cl. 100-286.

- Goldkamp, Arthur H.: *See*—
Dodson, Raymond M., Goldkamp, and Pappo. 2,833,792.
Goldkamp, Arthur H., and R. M. Dodson, to G. D. Searle & Co. 3-oxygenated 4-androstene-1,17-diols and derivatives. 2,833,794, 5-6-58, Cl. 260-397.4.
Goldman, David A. Vector summer. 2,858,981, 11-4-58, Cl. 235-61.
Goldman, David A. Vector summer. 2,862,661, 12-2-58, Cl. 235-61.
Goldman, Edward, to Bancroft Cap Co. Fastener for cap grommet. 2,857,601, 10-28-58, Cl. 2-199.
Goldman, Ernest A.: *See*—
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Goldman, Irwin, to Sylvania Electric Products Inc. Semiconductor devices and methods. 2,847,624, 8-12-58, Cl. 317-236.
Goldman, Isidore H. Drainage tube. 2,819,718, 1-14-58, Cl. 128-350.
Goldman, Joshua H. Method of manufacturing a non-woven fibrous sheet. 2,841,204, 7-1-58, Cl. 154-33.
Goldman, Leon, and J. W. Marsico, to American Cyanamid Co. Preparation of purines. 2,844,576, 7-22-58, Cl. 260-254.
Goldman, Leon, and J. W. Marsico, to American Cyanamid Co. Method of preparing aminodeoxyglycosidopurines. 2,852,506, 9-16-58, Cl. 260-211.5.
Goldman, Maurice A., to Fibre Products Laboratories, Inc. Wiping cloth and the manufacture thereof. 2,863,715, 12-9-58, Cl. 8-115.6.
Goldman, Sanford L. Display mount. 2,833,070, 5-6-58, Cl. 40-152.1.
Goldman, Sylvan N.: *See*—
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Young, Fred W. 2,837,345.
Goldman, Yale: *See*—
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Goldmark, Peter C., to Columbia Broadcasting System, Inc. Color television system. 2,829,195, 4-1-58, Cl. 178-5.4.
Goldmark, Peter C., to Columbia Broadcasting System, Inc. Record revolving apparatus. 2,850,912, 9-9-58, Cl. 74-206.
Goldmark, Peter C., to Columbia Broadcasting System, Inc. Phonograph record and reproducing apparatus. 2,858,374, 10-28-58, Cl. 179-100.4.
Goldsborough, William: *See*—
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Goldschmidt, Th. A. G. Chemische Fabriken: *See*—
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Goldsmith, Alfred N., to Radio Corp. of America. Projector cooling system. 2,837,965, 6-10-58, Cl. 88-24.
Goldsmith, Allen L.: *See*—
Hickman, Charles E., and Goldsmith. 2,823,933.
Goldsmith, Bernard M., to Essex Electronics. Electrical winding construction. 2,836,805, 5-27-58, Cl. 336-136.
Goldsmith, Edwin A.: *See*—
Toland, William G., and Goldsmith. 2,847,463.
Goldsmith, Fred C., to The Lubrizol Corp. Group II metal salts of a mixture of simple diesters of dithiophosphoric acids. 2,838,555, 6-10-58, Cl. 260-429.9.
Goldsmith, Fred C., to The Lubrizol Corp. Continuous process for the preparation of dithiophosphate acid esters. 2,862,947, 12-2-58, Cl. 260-461.
Goldsmith, Harold A.: *See*—
Herz, Herbert, Streck, and Goldsmith. 2,849,544.
Goldsmith, Henry A.: *See*—
Glass, Marvin L., Morris, and Goldsmith. 2,846,921.
Goldsmith, Henry A., and M. Goldberg, to The Theobald Industries. Perborate composition. 2,863,835, 12-9-58, Cl. 252-99.
Goldsmith, Michael N. G., to North American Philips Co., Inc. Sawtooth voltage generator. 2,859,341, 11-4-58, Cl. 250-27.
Goldsmith, Morris, to Elgen Mfg. Corp. Method and apparatus for securing metal strips to fabric. 2,825,384, 3-4-58, Cl. 153-1.
Goldsmith, Paul. Shoe upper roughing machine. 2,865,143, 12-23-58, Cl. 51-141.
Goldsmith, Sam. Display form or mannequin. 2,824,677, 2-25-58, Cl. 223-68.
Goldsmith, Shakespeare O. Airfoil warping fixture. 2,823,727, 2-18-58, Cl. 153-78.
Goldsmith, William L. Power kerfing saw. 2,823,713, 2-18-58, Cl. 144-136.
Goldstaub, Henry H. Electrical heating devices. 2,822,460, 2-4-58, Cl. 219-46.
Goldstein, Alfred L.: *See*—
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Goldstein, Alfred T., to Malden Mop & Brush Co. Mop device with shaking mechanism. 2,828,503, 4-1-58, Cl. 15-147.
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Goldstein, Daniel, to Schenley Industries Inc. Combination display panel and supporting easel. 2,828,565, 4-1-58, Cl. 40-124.1.
Goldstein, Jacob. Hand bulb planter. 2,865,315, 12-23-58, Cl. 111-92.
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Goldstine, Hallan E., to Radio Corp. of America. Beam power amplifiers. 2,832,847, 4-29-58, Cl. 179-171.
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Goldstone, Harmon H., to Goldstone & Dearborn. Cellular wall construction. 2,841,976, 7-8-58, Cl. 72-41.
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Golemon, Christopher M. Safety door lock. 2,832,623, 4-29-58, Cl. 292-75.
Golemon, Christopher M. Level. 2,841,880, 7-8-58, Cl. 33-206.
Goliber, Edward W., to General Electric Co. Chromium and titanium oxide refractory compositions. 2,841,862, 7-8-58, Cl. 29-182.5.
Golick, Joseph J., and R. L. Moore, to Revere Camera Co. Motion picture camera. 2,819,647, 1-14-58, Cl. 88-17.
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Golladay, Lawrence R., to Westinghouse Air Brake Co. Train identification systems. 2,828,480, 3-25-58, Cl. 340-258.
Gollan, Frank, to United States of America, Army. Blood oxygenating apparatus. 2,833,279, 5-6-58, Cl. 128-214.
Gollmar, Herbert A. Separation of acid gases from coal carbonization gases. 2,842,423, 7-8-58, Cl. 23-3.
Gollmar, Herbert A., and W. M. Africa, to Koppers Co., Inc. Separation of acid gases from coal carbonization gases. 2,837,399, 6-3-58, Cl. 23-3.
Gollner, Charles E. Prefabricated building wall construction. 2,847,723, 8-19-58, Cl. 20-4.
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Gollo, Wolfgang, to Vereinigte Glanzstoff-Fabriken A. G. Apparatus for measuring thread. 2,852,848, 9-23-58, Cl. 33-134.
Gollub, Frank, M. S. Wool, and W. D. Berberich, to Dennis Chemical Co. Primers for vinyl resin coating. 2,842,459, 7-8-58, Cl. 117-72.
Gollwitzer, George E., to Kelsey-Hayes Co. Method of displacing and removing flash from a welded joint. 2,854,743, 10-7-58, Cl. 29-481.
Gollwitzer, Walter T., to Addressograph-Multigraph Corp. Punch blocks. 2,848,047, 8-19-58, Cl. 164-111.
Golrick, Albert R., to The Murray-Ohio Mfg. Co. Shipper operating mechanisms for three speed bicycle transmissions. 2,863,333, 12-9-58, Cl. 74-750.
Goltz, Arnold, and K. Neumann, to Erzbergbau Salzgitter Aktiengesellschaft. Magnetic separator. 2,832,471, 4-29-58, Cl. 209-219.
Goltz, Joseph. Box construction. 2,843,307, 7-15-58, Cl. 229-34.
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Gomco Surgical Mfg. Corp.: *See*—
Henderson, Stanford A. 2,833,307.
Gomersall, John R., to McGraw-Edison Co. Rack for food trays. 2,842,269, 7-8-58, Cl. 211-71.
Gomersall, John R., to McGraw-Edison Co. Removable drawer cover. 2,846,286, 8-5-58, Cl. 312-270.
Gomersall, John R., to McGraw-Edison Co. Extension hanger for cabinet drawer. 2,859,070, 11-4-58, Cl. 308-3.8.
Gomerne Establishment: *See*—
Burgsmüller, Karl H. 2,849,926.
Gomes, Joseph P. Vegetable top cleaning machine. 2,843,994, 7-22-58, Cl. 56-345.
Gomez, Pedro L. Rodent trap. 2,835,070, 5-26-58, Cl. 43-69.

- Gomez, William H., to Bendix Aviation Corp. Motion transmitting apparatus. 2,858,126, 10-28-58, Cl. 267-1.
- Gommel, Dewey E., to Borg-Warner Corp. File holder. 2,822,707, 2-11-58, Cl. 76-36.
- Gommel, Dewey E., to Borg-Warner Corp. Saw. 2,835,024, 5-20-58, Cl. 29-105.
- Gommel, Dewey E., to Borg-Warner Corp. Chain saw cutter file holder. 2,850,923, 9-9-58, Cl. 76-36.
- Gompper, Johannes. Seed separation. 2,828,010, 3-25-58, Cl. 209-8.
- Gondek, John T. Hydraulic pump. 2,847,938, 8-19-58, Cl. 103-3.
- Gondek, John T. Hydraulic power system. 2,865,175, 12-23-58, Cl. 60-97.
- Gongoll, Vernon F., to The Electric Storage Battery Co. Eye shield. 2,864,088, 12-16-58, Cl. 2-14.
- Gongwer, Calvin A., and G. M. McRoberts, III, to Aerojet-General Corp. Vessels. 2,823,636, 2-18-58, Cl. 114-16.
- Gongwer, Calvin A., and G. M. McRoberts, to Aerojet-General Corp. Swimmer propulsion device. 2,843,859, 7-22-58, Cl. 9-18.
- Gonnert, Franz: *See*—
Rausch, Werner, and Gonnert. 2,835,616.
- Gonsalves, Conrad J., to American Enka Corp. Manufacture of cords. 2,847,817, 8-19-58, Cl. 57-62.
- Gonser, Milo F., to Semicco Inc. Method of making panels. 2,857,632, 10-28-58, Cl. 20-15.
- Gonsett, Faust R., to L. A. Young Spring & Wire Corp. Machine for the manufacture of multiple strand electrical conductor leads. 2,865,799, 12-23-58, Cl. 154-24.
- Gonski, Joseph, to Goodman Mfg. Co. Boring type miner. 2,862,700, 12-2-58, Cl. 262-7.
- Gonyou, Eugene: *See*—
McCordie, James R., and Gonyou. 2,847,874.
- Gonzalez, Alfred A., to E. I. du Pont de Nemours and Co. Recovery of monoalkyl ethers of diethylene glycol from solutions. 2,857,435, 10-21-58, Cl. 260-616.
- Good, Albert E., and T. D. Foster, to American Steel Foundries. Programming control mechanism. 2,838,963, 6-17-58, Cl. 77-4.
- Good, Arthur L., to Penn Controls Inc. Defrost control. 2,851,100, 9-9-58, Cl. 161-1.
- Good, Arthur L., to Penn Controls Inc. Temperature sensing element. 2,837,918, 6-10-58, Cl. 73-368.4.
- Good, George M.: *See*—
Holzman, George, and Good. 2,841,626.
Mosely, Robert B., and Good. 2,834,719.
- Good, George M., and A. P. Paul, to Shell Development Co. Polymerization process. 2,830,106, 4-8-58, Cl. 260-683.15.
- Good, James A., and J. C. Magestro, to Diamond Power Specialty Corp. Observation window. 2,850,005, 9-2-58, Cl. 126-200.
- Good, Paul F., and J. B. Rogalski, to Westinghouse Electric Corp. Work handling apparatus. 2,828,119, 3-25-58, Cl. 266-4.
- Good, William E., to the United States of America as represented by the Secretary of the Army. Inwardly opening breech closure for rocket launcher. 2,820,398, 1-21-58, Cl. 89-17.
- Goodall, Clarice M.: *See*—
Goodall, Robert A. 2,841,342.
- Good-Ail Electric Mfg. Co.: *See*—
Tyler, Merle D. 2,848,256.
- Goodall, Robert A., deceased, $\frac{1}{2}$ to C. M. Goodall, executrix, and $\frac{1}{2}$ to C. M. Goodall, individually. Winding machines. 2,841,342, 7-1-58, Cl. 242-56.1.
- Goodall, William M., to Bell Telephone Laboratories, Inc. Stair-step wave form generator. 2,829,280, 4-1-58, Cl. 307-88.5.
- Goodall, William M., to Bell Telephone Laboratories, Inc. Traveling wave amplifier. 2,849,642, 8-26-58, Cl. 315-3.6.
- Goodbar, Mayo A., and R. G. Pratt, to The National Cash Register Co. Machine-release control mechanism for cash registers. 2,845,022, 7-29-58, Cl. 101-288.
- Goodbar, Mayo A., G. A. Coup, and C. T. Donovan, to The National Cash Register Co. Change computing cash register. 2,853,232, 9-23-58, Cl. 235-2.
- Goodbar, Royal G. Device for preventing condensation of moisture on the exterior of flush tanks. 2,820,593, 1-21-58, Cl. 236-12.
- Goode, Jerry H.: *See*—
McLaren, James A., and Goode. 2,834,722.
- Goode, Rexford F., to the United States of America as represented by the Secretary of the Navy. Voltage regulated power supply. 2,829,331, 4-1-58, Cl. 321-19.
- Goode, William E., to Rohm & Haas Co. Initiator systems. 2,861,060, 11-18-58, Cl. 260-89.5.
- Goodell, John D.: *See*—
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- Goodell, John D., and T. Lode, to Librascope, Inc. Magnetic pulse controlling device. 2,846,667, 8-5-58, Cl. 340-174.
- Goodemoot, Kenneth, and R. L. Horton, to American Cyanamide Co. Process for amine salt isolation. 2,821,556, 1-28-58, Cl. 260-570.6.
- Goodemote, George H.: *See*—
Seaburg, Hugo W., and Goodemote. 2,830,843.
- Gooden, John S.: *See*—
Link, Charles T., Jr., Schmidt, and Gooden. 2,828,037.
- Goodenberger, Harry T., to The Dayton Rubber Co. Feature demonstrating device. 2,830,388, 4-15-58, Cl. 35-49.
- Goodey, Wallace W., Jr., and W. W., Sr. Rotatably adjustable circular bed. 2,849,729, 9-2-58, Cl. 5-2.
- Goodey, Wallace W., Sr.: *See*—
Goodey, Wallace W., Jr., and W. W., Sr. 2,849,729.
- Goodfellow, Marion T., and R. J. Davis, to Tektronic, Inc. Ceramic terminal mount. 2,836,807, 5-27-58, Cl. 339-275.
- Goodfellow, Percy W., and J. A. Reavell, to Short Bros. & Harland Ltd. Seats for aircraft cabins and other vehicles. 2,861,624, 11-25-58, Cl. 155-5.
- Goodfriend, David J., $\frac{1}{2}$ to C. E. Vanderkleed. Gastrointestinal therapeutic composition containing urea and carbon dioxide. 2,810,506, 6-24-58, Cl. 167-55.
- Goodfriend, David J. Carbhydrate food comprising 0.08 to 10 percent urea. 2,859,113, 11-4-58, Cl. 99-1.
- Goodgame, Thomas H.: *See*—
Michel, Laurent P., and Goodgame. 2,847,316.
- Goodhouse Carl J. to General Time Corp. Delay mechanism for switch actuating timer. 2,832,856, 4-29-58, Cl. 200-39.
- Goodhue, Lyle D.: *See*—
Osborn, Charles W., and Goodhue. 2,841,486.
Osborn, Charles W., and Goodhue. 2,846,298.
Stansbury, Roy E., and Goodhue. 2,864,735.
- Goodhue, Lyle D., to Phillips Petroleum Co. Cold-stable pesticide solutions. 2,819,198, 1-7-58, Cl. 167-42.
- Goodhue, Lyle D., to Phillips Petroleum Co. Dithiocarbamate rodent repellent composition and methods. 2,862,850, 12-2-58, Cl. 167-46.
- Goodhue, Lyle D., and K. E. Cantrel, to Phillips Petroleum Co. Insect repellent method and composition. 2,824,822, 2-25-58, Cl. 167-22.
- Goodhue, Lyle D., and K. E. Cantrel, to Phillips Petroleum Co. Insect repellent and method of stabilizing same. 2,824,824, 2-25-58, Cl. 167-33.
- Goodhue, Lyle D., and R. E. Stansbury, to Phillips Petroleum Co. Amination products of conjugated diolefins as defoliant activators. 2,835,565, 5-20-58, Cl. 71-2.7.
- Goodhue, Lyle D., and R. P. Louthan, to Phillips Petroleum Co. Pyridylethylthiomeric salts and method for their preparation. 2,842,549, 7-8-58, Cl. 260-270.
- Goodhue, Lyle D., and K. E. Cantrel, to Phillips Petroleum Co. Repellents for stable flies. 2,863,799, 12-9-58, Cl. 167-22.
- Goodier, George N., and B. E. Orr, to United States of America, Navy. Heat conducting tube mount. 2,833,966, 5-6-58, Cl. 317-101.
- Gooding, Chester M.: *See*—
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- Gooding, Chester M., D. Melnick, and H. W. Vahlteich, to The Best Foods, Inc. Novel and improved packaging process. 2,858,225, 10-28-58, Cl. 99-171.
- Gooding, William T., Jr., to Diamond Alkali Co. Hammer mill and screen. 2,833,484, 5-6-58, Cl. 241-88.
- Gooding, William T., Jr., to Diamond Alkali Co. Process for making alkali metal silicates. 2,840,456, 6-24-58, Cl. 23-110.
- Goodkin, Mortimer P., Apparatus for copying and like purposes. 2,821,882, 2-4-58, Cl. 88-24.
- Goodland, Donald E.: *See*—
Parsons, John T., Goodland, and Ballauer. 2,865,500.
- Goodlet, Gilbert. Combination swing and table saw with invertible table. 2,851,068, 9-9-58, Cl. 143-132.
- Goodling, Richard E., to Crowley-Jones Camera Corp. Photofinish camera and direct reading photographing timer. 2,819,942, 1-14-58, Cl. 346-107.
- Goodloe, Alfred M., to Metal Textile Corp. Flame barrier material. 2,819,759, 1-14-58, Cl. 160-330.
- Goodloe, Alfred M., to Metal Textile Corp. Filtering apparatus and filter unit therefor. 2,819,800, 1-14-58, Cl. 210-497.
- Goodloe, Alfred M., to Metal Textile Corp. Handle supported scouring implement. 2,851,714, 9-16-58, Cl. 15-209.
- Goodloe, Alfred M., to Metal Textile Corp. Scouring device having supporting handle. 2,851,715, 9-16-58, Cl. 15-209.
- Goodman, Bayar, to Wilshire Mfg. Co. Closure device. 2,841,218, 7-1-58, Cl. 160-118.
- Goodman, Bayar, to Wilshire Mfg. Co. Portable clothes line unit. 2,865,514, 12-23-58, Cl. 211-119.15.
- Goodman, Carl P. Brooders. 2,834,319, 5-13-58, Cl. 119-33.
- Goodman, Clark, to Schlumberger Well Surveying Corp. Radiation-responsive apparatus. 2,842,695, 7-8-58, Cl. 313-61.
- Goodman, Clark, to Schlumberger Well Surveying Corp. Neutron-fluorescence well logging method and apparatus. 2,843,752, 7-15-58, Cl. 250-71.
- Goodman, Claude, Jr. Piano attachment. 2,826,951, 3-18-58, Cl. 84-216.
- Goodman, Donald R., and E. Collins, to Bethco Bedding Corp. Semi-yieldable reversible mattress. 2,838,771, 6-17-58, Cl. 5-345.
- Goodman, Hugh F., to The A. P. V. Co. Ltd. Filters for liquids. 2,847,126, 8-12-58, Cl. 210-411.
- Goodman, James E. Sealing strip. 2,834,198, 5-13-58, Cl. 72-106.
- Goodman, Leonard, to Foster Grant Co., Inc. Plastic heels having reinforcing metallic inserts. 2,855,705, 10-14-58, Cl. 36-34.
- Goodman, Margaret B. Artificial eyelashes. 2,835,259, 5-20-58, Cl. 132-53.

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Ahlson, Burton W. 2,825,544.
 Anderson, Edward L. Re. 24,480.
 Bailey, Jack C. 2,829,876.
 Bergmann, Ernst R. 2,833,389.
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 Biedess, Anthony R. 2,823,025.
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 Boersma, Richard F. 2,851,150.
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 Buckridge, Roger M., and Wood. 2,825,860.
 Carlson, Melvin G. 2,851,153.
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 Cartledge, Frank. 2,825,545.
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 Goodman, Maxine, and M. Simon. Diaper panty. 2,827,052, 3-18-58, Cl. 128-284.
 Goodman, Norman H., to Triumph Hosiery Mills, Inc. Footlets and method of making same. 2,848,885, 8-26-58, Cl. 066-171.
 Goodman, Peter J. Carton dispenser. 2,854,169, 9-30-58, Cl. 221-104.
 Goodman, Robert. Single holding link wood frame to metal folding bed. 2,827,640, 3-25-58, Cl. 5-13.
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 Carter, John G. 2,832,903.
 Goodner, James R., to The Great Western Sugar Co. Bag holder. 2,852,045, 9-16-58, Cl. 141-314.
 Goodner, Monroe H., to Stephenson Corp. Devices for facilitating breathing and producing artificial respiration. 2,845,061, 7-29-58, Cl. 128-29.
 Goodnight, Austin G., $\frac{1}{2}$ to F. D. Cabe, and $\frac{1}{2}$ to M. U. Boyer. Battery connector. 2,860,320, 11-11-58, Cl. 339-239.
 Goodrich, Allen C., and T. R. Liston, to Allied Chemical & Dye Corp. Manufacture of modified polyethylene alcohol telomer and oxidized polyethylene alcohol telomer waxes. 2,845,413, 7-29-58, Cl. 260-94.9.
 Goodrich, Alonzo C. Thermal responsive unit. 2,838,936, 6-17-58, Cl. 73-363.
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 Coburn, John F. 2,819,791.
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 Diem, Hugh E. 2,856,391.
 Dobay, Donald G. 2,838,467.
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 Freder, Herman. 2,838,929.
 Garrett, Robert Y., and Whitney. 2,829,152.
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 Krotz, Alvin S. 2,845,309.
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 Goodridge, Laurence M., to ACF Industries, Inc. Fuel injection system. 2,856,910, 10-21-58, Cl. 123-119.
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 Goodrie, Joseph J., to Wrightway Engineering Co. Hose nozzle with aerator. 2,837,323, 6-3-58, Cl. 261-71.
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 Goodwillie, John E., to Beloit Iron Works. Suction forming paper machine. 2,858,746, 11-4-58, Cl. 92-44.
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 Goodwin, Fred W. Barbecue basket. 2,846,941, 8-12-58, Cl. 99-340.

- Goodwin, John T., Jr., to General Electric Co. Organopolysiloxane compositions having pressure-sensitive adhesive properties. 2,857,356, 10-21-58, Cl. 260-42.
- Goodwin, Joseph T. Photographic machine. 2,830,492, 4-15-58, Cl. 88-24.
- Goodwin, Paul S.: *See*—
- Sink, Robert L., and Goodwin. 2,851,606.
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- Corbin, Milford H., Lippe, Yater, Goodwin, Drinjak, and Squire. 2,848,019.
- Goodwin, Walter H., to Sierra Engineering Co. Prosthetic hinge strap. 2,846,690, 8-12-58, Cl. 3-12.2.
- Goodwin, Walter H., to United States of America, Navy. Phasing system and mechanism for phasing a facsimile receiver. 2,855,459, 10-7-58, Cl. 178-69,005.
- Goodwin, William N., Jr. Photoelectric controller. 2,842,679, 7-8-58, Cl. 250-205.
- Goodwin, William V., and M. C. Johnson, to Radio Corp. of America. Storage tube circuit employing amplitude and phase comparison. 2,837,643, 6-3-58, Cl. 250-27.
- Goodyear Aircraft Corp.: *See*—
- Ames, Robert S. 2,856,634.
- Baum, Richard V. 2,844,311.
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- Goodyear, Charles R., to Holley Carburetor Co. Carburetor. 2,834,587, 5-13-58, Cl. 261-78.
- Goodyear, Charles R., to Holley Carburetor Co. Carburetor. 2,852,240, 9-16-58, Cl. 261-41.
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- Hardman, Albert F. 2,850,496.
- Hawley, Jesse G. 2,826,277.
- Hawley, Jesse G. 2,830,680.
- Hawley, Jesse G. 2,850,120.
- Hayes, Donald W. 2,844,564.
- Hayes, Donald W. 2,844,565.
- Highley, Frank H. 2,826,278.
- Kalkofen, Gerhard W. 2,851,729.
- Kamlet, Jonas. 2,826,609.
- Kamlet, Jonas. 2,835,708.
- Kamlet, Jonas. 2,844,626.
- Kilborn, Karl B. 2,850,241.
- Kramp, Edward, and Lowdermilk. 2,850,423.
- Lee, Walter J. 2,835,304.
- Lee, Walter J. 2,866,492.
- Leshin, Richard. 2,866,777.
- Leshin, Richard. 2,866,778.
- Mayor, Rowland H. 2,844,635.
- Meherg, Jess W., and Ripple. 2,844,488.
- Montgomery, Edward C. 2,821,294.
- Raack, Harry E., and Sartoris. 2,866,562.
- Riggs, Mart B., and Knill. 2,844,181.
- Rinella, Joseph A. 2,843,896.
- Rogers, Thomas H., Jr., Bender, and Ten Broeck. 2,827,665.
- Runner, John W. 2,844,223.
- Sanderson, William M. 2,866,494.
- Sell, Harold S. 2,835,646.
- Vaughan, Paul J. 2,866,231.
- Waisbrof, Samuel W. 2,844,595.
- Waller, Richard C., and Ray. 2,844,487.
- Wargotz, Bernard, and Weinstein. 2,866,821.
- Weinstein, Arthur H. 2,835,701.
- Goodyear Tire & Rubber Co., The: *See*—Continued
- Wiseman, Roy R., Jr. 2,866,526.
- Wolfe, Merritt W. 2,830,641.
- Wolte, Merritt W. 2,843,877.
- Woodward, Alva W. 2,825,961.
- Woodward, Alva W. 2,826,234.
- Woodward, Alva W. 2,835,303.
- Yen, Teh F. 2,844,632.
- Goodzeit, Carl L., to General Motors Corp. Bearing surfaces. 2,845,918, 8-5-58, Cl. 123-193.
- Gookin, Sylvester L., to United Shoe Machinery Corp. Connector joint and method of making same. 2,856,593, 10-14-58, Cl. 339-220.
- Gooley, Virgil J. Garden line marker. 2,836,897, 6-3-58, Cl. 33-86.
- Goosman, Herbert J., to The Singer Mfg. Co. Sewing machine needles. 2,824,533, 2-25-58, Cl. 112-222.
- Goosmann, Herman W. Trestles. 2,832,648, 4-29-58, Cl. 304-5.
- Goossens, John C.: *See*—
- Swakon, Edward A., Krehbiel, and Goossens. 2,822,334.
- Gora, Henry Z., to The Eagle-Picher Co. Molding methods and apparatus. 2,864,123, 12-16-58, Cl. 18-5.
- Goral, Lewis. Electric combination switch. 2,844,671, 7-22-58, Cl. 200-43.
- Gorceya, Edward R.: *See*—
- Hoyer, Llewellyn E., and Gorceya. 2,820,679.
- Hoyer, Llewellyn E., and Gorceya. 2,856,248.
- Gorden, Earl L., to Western Electric Co., Inc. Layout board. 2,825,982, 3-11-58, Cl. 35-16.
- Gorder, Wesley J.: *See*—
- Hulteen, Leonard A., and Gorder. 2,866,048.
- Gordon, Alexander, Jr., and W. B. Lurie, to General Precision Laboratory Inc. Relay test instrument. 2,832,038, 4-22-58, Cl. 324-28.
- Gordon, Arthur, deceased, by G. E. Gordon, executrix. Supporting hanger for a closet bowl. Re. 24,492, 6-24-58, Cl. 4-252.
- Gordon, Benjamin. Chin bar connection. 2,850,306, 9-2-58, Cl. 287-54.
- Gordon, Benjamin, and L. E. Somers. Coupling for double-flared tubes. 2,863,678, 12-9-58, Cl. 285-332.1.
- Gordon, Bernard M.: *See*—
- Awot, Adolph W., Gordon, and Meyer. 2,866,183.
- Gordon, Bernard M., to Laboratory For Electronics, Inc. Digital discriminator. 2,858,425, 10-28-58, Cl. 250-27.
- Gordon, Bernard M., and M. M. Kincaid, to Laboratory For Electronics, Inc. High speed reversible counter. 2,819,394, 1-7-58, Cl. 250-27.
- Gordon, Bertie H.: *See*—
- Ogle, Hutton G., Sr. 2,847,019.
- Gordon, Bruce B., and E. W. Kimmig, to Continental Can Co., Inc. Shoe polish container. 2,866,573, 12-30-58, Cl. 220-43.
- Gordon, Carroll G. Balanced fluid valve. 2,822,821, 2-11-58, Cl. 137-624.
- Gordon, Carroll G., to Fletcher Aviation Corp. Shaft seal. 2,826,463, 3-11-58, Cl. 308-187.1.
- Gordon, David A., to The Dow Chemical Co. Bis(salicyloyl) benzene derivatives and compositions containing the same. 2,824,853, 2-25-58, Cl. 260-45.95.
- Gordon, David A., to The Dow Chemical Co. Bis(salicyloyl) benzene derivatives and compositions containing the same. 2,824,854, 2-25-58, Cl. 260-45.95.
- Gordon, David A., to The Dow Chemical Co. Haloethylene polymers stabilized with allylated dibenzoyl resorcinol. 2,861,976, 11-25-58, Cl. 260-45.95.
- Gordon, Gerda E.: *See*—
- Gordon, Arthur. Re. 24,492.
- Gordon, Henry R., to Ref. Mfg. Corp. Electric ovens. 2,862,096, 11-25-58, Cl. 219-35.
- Gordon, Jack. Alarm device. 2,826,656, 3-11-58, Cl. 200-61.62.
- Gordon, Jack C. Indented resilient matted fibrous pad. 2,856,323, 10-14-58, Cl. 154-49.
- Gordon, James. Electrical brush holder. 2,864,019, 12-9-58, Cl. 310-247.
- Gordon, James F., to Helipot Corp. Indicator knob. 2,849,979, 9-2-58, Cl. 116-133.
- Gordon, John. Garment hanger. 2,828,897, 4-1-58, Cl. 223-95.
- Gordon, John E.: *See*—
- Drain, James A., Gordon, and Read. 2,849,139.
- Drain, James A., Read, and Gordon. 2,849,138.
- Gordon, John M., and W. L. Nawman, said Gordon, assor. to said Nawman. Display card holder. 2,830,394, 4-15-58, Cl. 40-10.
- Gordon, Joseph, and C. Woolf, to Allied Chemical & Dye Corp. Production of aromatic fluorides. 2,861,984, 11-25-58, Cl. 260-141.
- Gordon, Joseph M., to Chicago Printed String Co. Polyvinyl wrapping tape. 2,851,787, 9-16-58, Cl. 24-16.
- Gordon, Jule L., to North American Aviation, Inc. Pressure reservoir cap. 2,854,274, 9-30-58, Cl. 292-252.
- Gordon, Leon B., to The American Oil Co. Process for making resins. 2,836,581, 5-27-58, Cl. 260-82.
- Gordon, Max. Dental impressions. 2,845,708, 8-5-58, Cl. 32-19.
- Gordon, Myron S. Automatic oil testing apparatus. 2,826,060, 3-11-58, Cl. 73-56.
- Gordon, Myron S., and J. R. Belt, said Belt to said Gordon. Viscosity comparator. 2,823,541, 2-18-58, Cl. 73-56.

- Gordon, Richard A. Burglar alarm having both visual and audible alarm means. 2,866,181, 12-23-58, Cl. 340-276.
- Gordon, Roy C., and B. S. Harrington, to Armour and Co. Article sorting device. 2,835,206, 5-20-58, Cl. 104-88.
- Gordon, Roy C., Jr., to Armour and Co. Method of defatting bacon skins. 2,820,804, 1-21-58, Cl. 260-412.6.
- Gordon, Samuel M.: See—
- Schlesinger, Albert, Schoen, and Gordon. 2,834,782.
- Gordon, Seymour E., to Gang Driller Machine Works Inc. Multi-spindle drilling machine with individual spindle having universal adjustment in a plane. 2,824,471, 2-25-58, Cl. 77-24.
- Gordon, Theodore H., to Allied Chemical & Dye Corp. Hydrolysis of organosilanes. 2,832,794, 4-29-58, Cl. 260-448.2.
- Gordon, Thurlow M., Jr., and H. L. Taylor, Jr. Methods of exposing motion picture film and of projecting motion pictures. 2,823,578, 2-18-58, Cl. 88-16.6.
- Gordon, Valerie M. F., to V. G. (Inverness) Ltd. Waterproof garments. 2,827,053, 3-18-58, Cl. 128-289.
- Gordon, Walter H., Jr.: See—
- Crowley, George C., Gordon, and Wise. 2,847,546.
- Gordon, Walter H., Jr., to General Electric Co. Vaporizer with steam generator. 2,847,547, 8-12-58, Cl. 219-38.
- Gordon, Walter H., Jr., and R. A. Wise, to General Electric Co. Vaporizer. 2,847,548, 8-12-58, Cl. 219-38.
- Gordon, William: See—
- Helper, Ben, and Gordon. 2,827,439.
- Gordon, William O.: See—
- Hedrick, Theodore T., and Gordon. 2,827,308.
- Gordney, Eric H., to Structural Clay Products Research Foundation. Extruding device. 2,856,165, 10-14-58, Cl. 259-151.
- Gordy, Thomas D., to General Electric Co. Three phase split leg and yoke type stacked magnetic core section. 2,821,688, 1-28-58, Cl. 336-5.
- Gore, Chester F., to Electro-Snap Switch & Mfg. Co. Merchandise vending apparatus. 2,840,270, 6-24-58, Cl. 221-211.
- Gore, Robert A., to Union Carbide Corp. Method of packaging food items. 2,865,767, 12-23-58, Cl. 99-171.
- Goreau, Theodore N., to Hercules Powder Co. Method of improving electrical properties of plasticizers by treatment with magnesium silicate. 2,862,953, 12-2-58, Cl. 260-475.
- Goreau, Theodore N., to Hercules Powder Co. Improving the electrical properties of pentaerythritol esters by treatment with magnesium silicate. 2,862,961, 12-2-58, Cl. 260-488.
- Goreham, Peter E.: See—
- Garwood, Victor W., and Goreham. 2,821,284.
- Gores, Philip, to Chrysler Corp. Windshield wiper arm assembly. 2,849,742, 9-2-58, Cl. 15-255.
- Gorey, Archie H., to Graflex, Inc. Diaphragm for photographic cameras. 2,821,891, 2-4-58, Cl. 95-64.
- Gorey, Archie H., to Graflex, Inc. Shutter for photographic camera. 2,831,414, 4-22-58, Cl. 95-63.
- Gorgas, John W., E. Jacobitti, R. J. Jaeger, Jr., C. G. Morrison, and J. B. Newsom, to Bell Telephone Laboratories, Inc. Trouble recording on time-out circuit. 2,820,099, 1-14-58, Cl. 179-8.5.
- Gorham, John F., E. Strazdins, W. C. Hopkins, and J. G. Senese, Jr., to American Cyanamid Co. Liquid rosin sizes containing anti-stratifying and viscosity decreasing agent. 2,832,692, 4-29-58, Cl. 106-238.
- Gorham, John F., E. Strazdins, W. C. Hopkins, and J. G. Senese, Jr., to American Cyanamid Co. Liquid rosin size containing anti-stratifying and viscosity decreasing agent. 2,832,693, 4-29-58, Cl. 106-238.
- Gorike, Otto, to Akustische U. Kino-Gerate Gesellschaft m. b. H. Electrical plug connection. 2,866,174, 12-23-58, Cl. 339-262.
- Görke, Rudolf, to Akustische u. Kino-Gerate Gesellschaft m. b. H. Dynamic microphone. 2,848,561, 8-19-58, Cl. 179-115.5.
- Gorike, Rudolf. Unidirectional dynamic microphone. 2,865,464, 12-23-58, Cl. 181-31.
- Gorin, Everett, to Pittsburgh Consolidation Coal Co. Production of high bitu-content gas from carbonaceous solid fuels. 2,840,462, 6-24-58, Cl. 48-197.
- Gorin, Everett, G. P. Curran, and J. D. Batchelor, to Pittsburgh Consolidation Coal Co. Dessulfurization of carbonaceous solid fuel. 2,824,047, 2-18-58, Cl. 202-31.
- Gorin, Manuel H.: See—
- Erskine, Archibald M., Gorin, Rosenstein, and Chesbro. 2,850,492.
- Goring, Cleve A. I.: See—
- Youngson, Charles R., and Goring. 2,849,361-8.
- Gorlinski, Joseph J., to Casting Masters, Inc. Shield for heat sealer. 2,838,647, 6-10-58, Cl. 219-21.
- Gorman, Andrew T., to Westinghouse Air Brake Co. Fluid pressure brake apparatus with means for preventing improper suppression of automatic train control. 2,860,928, 11-18-58, Cl. 303-18.
- Gorman, Andrew T., and R. J. Worbois, to Westinghouse Air Brake Co. Fluid pressure brake apparatus with equalizing reservoir pressure build-back preventing means. 2,846,271, 8-5-58, Cl. 303-55.
- Gorman, D. Y., and K. W. McLoad, to Vector Mfg. Co. Cable take-out. 2,845,605, 7-29-58, Cl. 339-151.
- Gorman, John E. Cake dummy and blank therefor. 2,853,630, 11-4-58, Cl. 40-126.
- Gorman, Patrick W.: See—
- Holm, Carl H., Green, and Gorman. 2,818,860.
- Gorman, Raymond S., to Union Electric Steel Corp. Hardening and tempering tubular steel articles. 2,831,789, 4-22-58, Cl. 148-21.55.
- Gornowski, Edward J.: See—
- Green, Arthur D., Gornowski, Scheeline, and Jaros. 2,844,569.
- Hemminger, Charles E., Martin, Rich, and Gornowski. 2,847,360.
- Welty, Albert B., Jr., Taft, MacLaren, and Gornowski. 2,856,351.
- Gornowski, Edward J., W. C. Rich, Jr., H. Ernst, Jr., and R. C. Morbeck, to Esso Research and Engineering Co. High pressure chlorine reactivation of alumina supported platinum catalysts. 2,851,398, 9-9-58, Cl. 196-50.
- Goroni, Ello. Livebait container. 2,842,890, 7-15-58, Cl. 43-55.
- Gorrell, Donald W., and E. F. Knapp, to The Aro Equipment Corp. Coupling with cam washer for flat detents. 2,823,934, 2-18-58, Cl. 285-277.
- Gorrie, Harvold H.: See—
- Green, Thomas A., Gorrie, Shannon, and Fink. 2,837,921.
- Gorrie, Harvold H., to Bailey Meter Co. Compensator for quantity measuring meter. 2,859,618, 11-11-58, Cl. 73-205.
- Gorrie, Harvold H., J. F. Shannon, and M. Panich, to Bailey Meter Co. Fluid pressure relay valve means. 2,834,362, 5-13-58, Cl. 137-85.
- Gorrill, William S.: See—
- Rossetto, Louis, Squassoni, Coleman, and Gorrill. 2,847,919.
- Gorshkoff, Alexis S.: See—
- Nabstedt, Arthur T., and Gorshkoff. 2,825,236.
- Gorshkoff, Alexis S., to The Snow-Nabstedt Gear Corp. Reverse gear. 2,841,023, 7-1-58, Cl. 74-377.
- Gorsica, Chester J., and H. R. Payne, to Chrysler Corp. Reinforced gasket for internal combustion engines or the like. 2,828,988, 4-1-58, Cl. 288-27.
- Gorsica, Henry J., and W. J. Zick, to B. Heller & Co. Process of preserving food products and composition therefor. 2,865,764, 12-23-58, Cl. 99-150.
- Gorsko, Stanley. Electromagnetic pump. 2,832,291, 4-29-58, Cl. 103-53.
- Gorsky, Rudolph J., to General Motors Corp. Sprag clutch. 2,834,445, 5-13-58, Cl. 192-45.1.
- Gorsky, Rudolph J., to General Motors Corp. Coupling for combined hydrodynamic drive device and gear train. 2,855,802, 10-14-58, Cl. 74-677.
- Gorst, James R. S., and S. W. Kemp, to General Motors Co. Closure cap for the cooling systems of internal combustion engines. 2,865,531, 12-23-58, Cl. 220-44.
- Gorsuch, John T., to General Electric Co. Semi-automatic tapping machine. 2,856,667, 10-21-58, Cl. 25-27.
- Gorsse-Borger, Frank. Control apparatus for a bobbin winding machine. 2,832,147, 4-29-58, Cl. 33-132.
- Gorter, Evert W., and J. A. Schultes, to North American Philips Co., Inc. Magnetic material and method. 2,851,419, 9-9-58, Cl. 252-62.5.
- Gorter, Evert W., and C. J. Esveldt, to North American Philips Co., Inc. Method of manufacturing ferromagnetic cores. 2,860,105, 11-11-58, Cl. 252-62.5.
- Gorton, George, Machine Co.: See—
- Gunderson, Allen D. 2,818,787.
- Gunderson, Allen D. 2,866,391.
- Nelson, Nels I. 2,857,821.
- Steinbrecker, Freddy. 2,854,830.
- Gorton, Edward S.: See—
- Hayward, Claude E., Gorton, and Girvin. 2,864,549.
- Gorton, Thomas S., Jr. Method of separating fish meat from the skeletons of previously filleted fish. 2,827,383, 3-18-58, Cl. 99-194.
- Gorton, Thomas S., Jr. Frozen food package. 2,862,823, 12-2-58, Cl. 99-195.
- Goschel, Erich: See—
- Hupe, Adolph, Geller, Lang, Schildwächter, Göschel, Dostal, and Koch. 2,824,048.
- Gosnell, Robert W. Vault and casket combination. 2,848,780, 8-26-58, Cl. 27-7.
- Goss, Albert G., Sr. Television antenna mast base. 2,837,304, 6-3-58, Cl. 248-44.
- Goss, Charles L., to The Monarch Machine Tool Co. Device for engaging meshing driving and driven members. 2,822,072, 2-4-58, Cl. 192-86.
- Goss, Harold J., to The International Paper Box Machine Co. Sheet feeding device. 2,819,077, 1-7-58, Cl. 271-35.
- Goss, Harold J., to The International Paper Box Machine Co. Multiple form machine and method for making paper boxes. 2,834,261, 5-13-58, Cl. 93-44.1.
- Goss, Harold J., to The International Paper Box Machine Co. Box stripping and extracting apparatus. 2,834,263, 5-13-58, Cl. 93-51.
- Goss, Norman P. Method of continuous casting of metal. 2,825,947, 3-11-58, Cl. 22-200.1.
- Goss, Norman P., to Diamond Alkali Co. Treated molten metal. 2,866,703, 12-30-58, Cl. 75-93.
- Goss, Robert V., and R. W. Lowe, to Toefco Engineering Co. Method of making bearings. 2,838,829, 6-17-58, Cl. 29-149.5.
- Goss, Wesley R.: See—
- Feiertag, Karl M., and Goss. 2,843,771.

- Goss, Worth C., to Permanente Cement Co. Water soluble thermo-setting resin and method for its manufacture. 2,846,431, 8-5-58, Cl. 260-124.
- Goss, Worth C., to Permanente Cement Co. Process of treatment and products from waste sulfite liquors. 2,849,314, 8-26-58, Cl. 92-3.
- Gossard, H. W., Co., The: *See*—Steinmetz, Pearl J. 2,864,375.
- Gosselin, Charles J., $\frac{1}{2}$ to M. A. Nishkian. Vapor recovery apparatus. 2,853,149, 9-23-58, Cl. 183-2.
- Gossen, P., & Co. G. m. b. H.: *See*—Dreyer, Helmut, and Burkhard. 2,831,942.
- Gossett, Fred C., and D. A. Hamilton, to Don Baxter, Inc. Plastic container. 2,856,929, 10-21-58, Cl. 128-272.
- Gossett, John O.: *See*—Gossett, Willie T. and J. O. 2,856,222.
- Gossett, Willie T. and J. O., to Garlinghouse Brothers. Pneumatic gate actuating device for concrete buckets. 2,856,222, 10-14-58, Cl. 294-71.
- Gossmann, Richard. Compound bearing with synthetic resin layers. 2,865,692, 12-23-58, Cl. 308-238.
- Gossweiler, Manfred: *See*—Gossweiler, Oskar, and M. 2,826,173.
- Gossweiler, Oskar and M. 2,849,983.
- Gossweiler, Oskar, and M., to A. Waldmann. Lead change pencil. 2,826,173, 3-11-58, Cl. 120-14.5.
- Gossweiler, Oskar and M., to A. Waldmann. Lead-change-pencil provided with slotless outer jacket. 2,849,983, 9-2-58, Cl. 120-14.5.
- Gotelli, Alvin J., and M. W. Oneto, to Oneto-Gotelli Co. Cluster breaker for cherries. 2,825,375, 3-4-58, Cl. 146-1.
- Göthel, Herbert, H. Kolling, O. Roelen, and N. Geiser, to Ruhrchemie Akt. Process for the treatment of gases containing ethylene. 2,836,635, 5-27-58, Cl. 260-677.
- Gothier, Earl L.: *See*—Miller, Theodore J., and Gothier. 2,842,902.
- Miller, Theodore J., and Gothier. 2,843,469.
- Gott, Allan D.: *See*—Martin, George L., and Gott. 2,836,488.
- Gott, Eric, and B. Ulfward, to Allmänna Svenska Elektriska Aktiebolaget. Elevator control system. 2,846,026, 8-5-58, Cl. 187-29.
- Gottfried, Arthur H., and K. Ikrath, to United States of America, Army. Electromechanical switching element. 2,844,687, 7-22-58, Cl. 200-112.
- Gottfried, Louis, $\frac{1}{2}$ to J. Berger. Detachable baby carriage body. 2,823,067, 2-11-58, Cl. 296-35.
- Gottfried, Paul M. 1,3-dichloro-5,5-dimethyl hydantoin compositions. 2,863,800, 12-9-58, Cl. 167-33.
- Gottfried, Robert E.: *See*—Loew, David L., Leserman, Del Riccio, and Gottfried. 2,839,173.
- Gottfried, Robert E., and A. D. Hoffman, to International Telemeter Corp. Subscription television system using land line. 2,843,654, 7-15-58, Cl. 178-5.1.
- Gottfried, Robert E., A. D. Hoffman, and L. N. Ridenour, to International Telemeter Corp. Subscription television with scrambled transmission and marquee and barker. 2,843,655, 7-15-58, Cl. 178-5.1.
- Gottfried, Shalom. Wire stripping device. 2,848,914, 8-26-58, Cl. 81-9.5.
- Gottlieb, Hans B.: *See*—Ehrich, Felix F., and Gottlieb. 2,833,783.
- Gottlieb, Howard L., to Bjorksten Research Laboratories, Inc. Glass surfaces provided with styryl chlorosilanes and derivatives thereof. 2,854,354, 9-30-58, Cl. 117-62.
- Gottlieb, Morton S., to Bell Products Co. System and device for detecting ferrous metal. 2,843,821, 7-15-58, Cl. 324-41.
- Gottlieb, Victor. Decorative pocket handkerchief device. 2,851,693, 9-16-58, Cl. 2-279.
- Gottschald, Rudolf. Universal joints. 2,860,899, 11-18-58, Cl. 287-90.
- Gottschalk, Arno: *See*—Ziegler, Herbert, Fischer, and Gottschalk. 2,851,937.
- Gottschalk, Gordon W.: *See*—Freeman, Stephen E., and Gottschalk. 2,824,855.
- Gottschalk, Klaus, to General Electric Co. Arc tube mounting. 2,845,557, 7-29-58, Cl. 313-25.
- Gottschalk, Klaus, to General Electric Co. Arc tube seal and mount. 2,849,632, 8-26-58, Cl. 313-25.
- Gottschalk, Rudolf C.: *See*—Seaman, Francis E., and Gottschalk. 2,863,205.
- Gottschall, Herbert A., S. F. Guggenheim, and A. S. Louis, to M. A. Coler. Precision potentiometers. 2,863,031, 12-2-58, Cl. 201-62.
- Gottscho, Adolph, Inc.: *See*—Alessi, Andrew J., Jr., Gottscho, and Hirschey. 2,835,376.
- Alessi, Andrew J., Jr., and Hugo. 2,829,589.
- Gottscho, Ira S. 2,825,279.
- Gottscho, Ira S., Hirschey, and Alessi. 2,834,285.
- Gross, Louis. 2,834,287.
- Gross, Louis. 2,834,288.
- Jackson, John K. 2,835,195.
- Gottscho, Alfred M.: *See*—Frankenburg, Waiter G., and Gottscho. 2,830,596.
- Gottscho, Ira S.: *See*—Alessi, Andrew J., Jr., Gottscho, and Hirschey. 2,835,376.
- Gottscho, Ira S., to Adolph Gottscho, Inc. Marking and numbering means for strip material. 2,825,279, 3-4-58, Cl. 101-76.
- Gottscho, Ira S., M. Hirschey, and A. J. Alessi, Jr., to Adolph Gottscho, Inc. Marking devices. 2,834,285, 5-13-58, Cl. 101-35.
- Gottshall, Ralph I., and J. G. Peters, to Gulf Oil Corp. Color stabilization of bright stock. 2,832,741, 4-29-58, Cl. 252-50.
- Gottstein, William J.: *See*—Cheney, Lee C., and Gottstein. 2,824,877.
- Gottwald, Antonin. Catalyst carrier for catalytic heaters and method of making same. 2,821,510, 1-28-58, Cl. 252-422.
- Gottwald, Walter, to A. H. Schilling. Roller contact current converter. 2,820,114, 1-14-58, Cl. 200-19.
- Gottwald, Walter, to A. H. Schilling. Roller contact arrangement for mechanical current converters or other equipment of similar construction. 2,866,020, 12-23-58, Cl. 200-25.
- Götz, Georg. Toy bath tub with shower arrangement. 2,831,293, 4-22-58, Cl. 46-240.
- Goublin-Korsten, Roger O., and J. Dubois, to Compagnie Francaise Thomson-Houston. Tuned cavity systems. 2,837,722, 6-3-58, Cl. 333-82.
- Goudy, Carl F., to Technical Appliance Corp. Collapsible and self-locking dipole antenna. 2,843,848, 7-15-58, Cl. 343-805.
- Goudy, Paul R., and H. P. Stock, to Square D Co. Electric switch. 2,822,450, 2-4-58, Cl. 200-166.
- Goudy, Paul R., K. G. Sedgwick, and J. Gribble, Jr., to Square D Co. Support assemblies. 2,832,873, 4-29-58, Cl. 200-166.
- Goudy, Paul R., and J. J. Gribble, to Square D Co. Selector. 2,848,584, 8-19-58, Cl. 200-166.
- Gough, George L., to Teletype Corp. Modular tape control system. 2,832,023, 4-22-58, Cl. 318-162.
- Gouirand, Rene. Pneumatic suspension for vehicles. 2,819,094, 1-7-58, Cl. 280-115.
- Gouirand, Rene. Pneumatic suspension for vehicles. 2,838,321, 6-10-58, Cl. 280-104.5.
- Gould, Charles C.: *See*—Pettit, Dorn L., and Gould. 2,848,673.
- Gould, Charles T.: *See*—Wood, Richard D., Jr., and Gould. 2,852,407.
- Gould, David H., and H. L. Herzog, to Schering Corp. Steroid intermediates. 2,819,264, 1-7-58, Cl. 260-239.55.
- Gould, David H., E. B. Herschberg, and E. Shapiro, to Schering Corp. Pregnatetraenes and esters thereof. 2,864,835, 12-16-58, Cl. 260-397.45.
- Gould, Donald G. Automatic weighing apparatus. 2,850,255, 9-2-58, Cl. 249-2.
- Gould & Eberhardt, Inc.: *See*—Davenport, Granger. 2,837,010.
- Zimmermann, William F., and Davenport. 2,857,817.
- Zimmermann, William F., and Davenport. 2,857,818.
- Gould, Edward W.: *See*—Carman, Justice N., Jr., Hannum, and Gould. 2,856,256.
- Gould, Jay P. Access plug. 2,865,530, 12-23-58, Cl. 220-39.
- Gould, John M., to The Barre Wool Combing Co., Ltd. Fluid treatment of slivers and the like. 2,831,747, 4-22-58, Cl. 8-155.
- Gould, Lawrence: *See*—Carter, John L., Gould, and Reingold. 2,853,684.
- Gould, Merle L.: *See*—Conrad, Franklin, and Gould. 2,838,578.
- Conrad, Franklin, Gould, and Neher. 2,838,579.
- Gould, Merle L., to Ethyl Corp. Hydrogen chloride recovery. 2,827,129, 3-18-58, Cl. 183-115.
- Gould National Batteries, Inc.: *See*—Amlee, Richard E. 2,848,598.
- Dickover, Marion W. 2,858,354.
- Macholl, James F. 2,861,016.
- Macholl, James F., and Patterson. 2,841,632.
- Webber, Hiram M. 2,830,280.
- Williams, Wyatt H. 2,822,831.
- Zahn, Harold E. 2,820,079.
- Zahn, Harold E. 2,841,491.
- Zahn, Harold E. 2,841,631.
- Zahn, Harold E. 2,866,841.
- Gould, Oscar J. Copyholder attachment for typewriter. 2,854,951, 10-7-58, Cl. 120-32.
- Gould, Samuel, to G H N Neon Sign Co. Animated electric display system. 2,844,764, 7-22-58, Cl. 315-183.
- Gould, Wallace P., to Merlite Industries, Inc. Burglar alarm or the like. 2,825,777, 3-4-58, Cl. 200-61.72.
- Gould, William L. Comb for the hair. 2,834,357, 5-13-58, Cl. 132-109.
- Goulding, Albert, Jr., to The Goodyear Tire & Rubber Co. Railroad crossing structure. 2,835,451, 5-20-58, Cl. 238-8.
- Goulds Pumps, Inc.: *See*—Mann, John. 2,831,432.
- Mann, John, and Hancy. 2,835,200.
- Olmstead, Philip J., and Mann. 2,849,960.
- Goutarel, Robert: *See*—Janot, Maurice-Marie, and Goutarel. 2,823,204.
- Gouverneur, Minor F. H., II, to Illinois Tool Works. Switch means for printed circuits. 2,854,552, 9-30-58, Cl. 200-158.
- Govan, Jack F.: *See*—Rex, Carl A. M. 2,826,512.
- Rex, Carl A. M. 2,858,235.
- Govan, Roy H.: *See*—Rex, Carl A. M. 2,826,512.
- Rex, Carl A. M. 2,858,235.

- Govan, Roy H., and H. J. Meek, to Jaroco Engineering Co. Hydraulic system. 2,827,763, 3-25-58, Cl. 60—51.
- Govatsoes, Edward A., to Peters Machinery Co. Depositor for sandwinding machine. 2,846,960, 8-12-58, Cl. 107—1.
- Govett, Thomas: *See—*
- Brown, Peter M., Jr., and Govett. 2,823,169.
- Govin, Charles T., to Cutler-Hammer, Inc. Counting system for stacker. 2,834,450, 5-13-58, Cl. 198—40.
- Gow, Arthur R., and P. S. Madsen, to The Seamless Rubber Co. Football having a securely grippable laceless surface. 2,859,040, 11-4-58, Cl. 273—65.
- Gow, Arthur R., and P. S. Madsen, to The Seamless Rubber Co. Football having a securely grippable laceless surface. 2,866,644, 12-30-58, Cl. 273—65.
- Gowland & Gowland: *See—*
- Gowland, John P. 2,830,396.
- Gowland, John P., to Gowland & Gowland. Integral paint apparatus. 2,830,396, 4-15-58, Cl. 41—5.
- Gozzoli, Giovanni. Water-cooled motor-driven coffee mill. 2,834,552, 5-13-58, Cl. 241—67.
- Graas, James H.: *See—*
- Bock, George E., and Graas. 2,820,609.
- Grab, Werner: *See—*
- Wagner, Kuno, and Grab. 2,855,342.
- Grabau, Joachim J. A., and W. Saraga, to Automatic Telephone & Electrical Co. Ltd. Four terminal equaliser networks. 2,820,950, 1-21-58, Cl. 333—28.
- Grabendorfer, Werner, to Krautkrämer, Joseph and H. Apparatus for locating defects. 2,846,875, 8-12-58, Cl. 73—67.8.
- Graber, Carl D.: *See—*
- Deaton, Charles U., and Graber. 2,858,692.
- Deaton, Charles U., and Graber. 2,860,584.
- Paca, John P., and Graber. 2,853,355.
- Paulos, Harry, and Graber. 2,856,254.
- Graber, John N., to Graber Mfg. Co., Inc. Pulley hold-down for traverse rods. 2,830,808, 4-15-58, Cl. 267—71.
- Graber Mfg. Co., Inc.: *See—*
- Graber, John N. 2,830,808.
- Graber, Robert P., N. L. Wendler, and C. S. Snoddy, Jr., to Merck & Co., Inc. Processes of producing $\Delta^4,8(14)-3,11,20$ -triketo-17-hydroxy-21-acetyloxy-pregnadienes. 2,833,795, 5-6-58, Cl. 260—397.45.
- Graber, Robert P., and C. S. Snoddy, to Merck & Co., Inc. Preparation of 9,11-oxido-steroids. 2,838,493, 6-10-58, Cl. 260—239.55.
- Graber, Samuel. Wrist-watch casing and method of manufacturing the same. 2,824,419, 2-25-58, Cl. 58—88.
- Grable, Donovan B. Dual passage concentric pipe drill string coupling. 2,850,264, 9-2-58, Cl. 255—28.
- Grabowski, Thaddeus J.: *See—*
- Clark, Lawrence, Grabowski, and Poshkus. 2,849,028.
- Grace, James R. Electrical scoring fencing equipment. 2,819,361, 1-7-58, Cl. 200—61.42.
- Grace, W. R., & Co.: *See—*
- Acker, Ellsworth G., and Young. 2,858,284.
- Alholm, Wayne I., Ballou, Lynn, Shanklin, and Stokes. 2,846,335.
- Barrett, Wayne T. 2,852,472.
- Barrett, Wayne T. 2,853,456.
- Barrett, Wayne T. 2,861,958.
- Fitch, Frederick T., and Miller. 2,865,706.
- Gammill, Adrian M., and Acker. 2,819,491.
- Glocker, Edwin M. 2,842,426.
- Grillot, Gerald F., and Chang. 2,855,435.
- Mark, Jacob G., Urjil, Rubinstein, and Tompkins. 2,833,737.
- Molstad, Melvin C. 2,833,628.
- Pureell, Edward J., Flagler, and Harville. 2,856,858.
- Rainer, William C., Redding, Hitov, Sloan, and Stewart. 2,855,517.
- Rudner, Bernard. 2,845,400.
- Rudner, Bernard, and Brooks. 2,848,450.
- Rumsey, Herbert, Jr. 2,827,743.
- Taylor, Roger K. 2,853,366.
- Veltman, Preston L., Baral, and Richardson. 2,844,523.
- Welling, Charles E. 2,852,473.
- Young, Luther O. 2,838,413.
- Young, Luther O. 2,856,268.
- Gracer, Martin M. Air guide device. 2,861,597, 11-25-58, Cl. 138—39.
- Graci, Angelo V., Jr.: *See—*
- D'Aquin, Esler L., Vix, Graci, Gastrock, and Spadaro. 2,857,411.
- Graci, Louis W. Packing and shipping container. 2,822,093, 2-4-58, Cl. 211—124.
- Gracious, John R.: *See—*
- Odium, William H., and Gracious. 2,841,289.
- Grad, Adolf R., to The Oilgear Co. Seal for very high pressures. 2,819,935, 1-14-58, Cl. 309—2.
- Grad, Adolf R., to Detroit Broach & Machine Co. Internal broaching machine. 2,826,964, 3-18-58, Cl. 90—33.
- Grad, Adolf R., to The Oilgear Co. Axial hydro-dynamic machine having opposed pistons. 2,850,986, 9-9-58, Cl. 103—162.
- Grad, Martin, to The Procter & Gamble Co. Zirconyl hydroxy chloride antiperspirant compositions. 2,854,382, 9-30-58, Cl. 167—90.
- Grad, Peter P.: *See—*
- Catotti, Arthur J., Cohn, and Grad. 2,853,445.
- Gradoff, Alex, K. W. Howell, and I. Vinoff, 3% to C. Terry, 2% to F. A. Mead, Jr., 1% to H. King, 1% to C. Penrod, 1% to C. Brown, 1% to J. R. Townsend, 1/2% to L. Musante, and 1/2% to M. West. Fish filleting machine. 2,822,569, 2-11-58, Cl. 17—4.
- Grady, John R.: *See—*
- Muschamp, Harold L., and Grady. 2,834,509.
- Grady, Lester D., to The New Jersey Zinc Co. Production of titanium. 2,821,468, 1-28-58, Cl. 75—0.5.
- Grady, Robert W. Instrument for measuring the radial hook or rake of taps. 2,844,884, 7-29-58, Cl. 33—201.
- Grady, Robert W. Instrument for measuring rake or hook angle. 2,844,885, 7-29-58, Cl. 33—201.
- Graef, Charles G., and T. Fisher, to O & M Machine Co., Inc. Hose clamp. 2,845,681, 8-5-58, Cl. 24—279.
- Graef, Rudolf F., to Hüttenwerk Oberhausen Aktiengesellschaft. Nozzle provided with cooling jacket. 2,819,891, 1-14-58, Cl. 266—34.
- Graef, Rudolf F., to Hüttenwerk Oberhausen Akt. Method of refining metals. 2,839,382, 6-17-58, Cl. 75—60.
- Graf, Paul A., to Container Corp. of America. Can carrier. 2,838,223, 6-10-58, Cl. 229—52.
- Graf, Richard B.: *See—*
- Clough, Robert C., Graf, and Kruzic. 2,841,822.
- Graf, Robert D. Rotary internal combustion engine. 2,839,034, 6-17-58, Cl. 123—13.
- Graf, Robert D., and L. L. Weber, to Essex Wire Corp. Thermostatic switch. 2,835,767, 5-20-58, Cl. 200—139.
- Graf, Wilfried: *See—*
- Stoll, Willy, Graf, and Schmid. 2,858,318.
- Graf, Willi, 1/2 to Maag Gear-Wheel and Machine Co., Ltd. Gear grinding machines. 2,850,851, 9-9-58, Cl. 51—123.
- Graff, George, C. C. Kinker, and A. Owen, to Hoover Ball & Bearing Co. Dishwashing apparatus. 2,848,728, 8-26-58, Cl. 15—129.
- Graff, Mary A.: *See—*
- Rosenberg, Joseph, and Graff. 2,840,540.
- Graff, William S.: *See—*
- Balke, Claire C., and Graff. 2,819,163.
- Freas, Clark R., and Graff. 2,849,519.
- Grafteo, Joe V. Protective mat for shopping baskets. 2,831,599, 4-22-58, Cl. 220—19.
- Gräffingholt, Alfred, to Hansella-Werke Albert Henkel Akt. Feeding arrangement for feeding mass produced articles to single conveying rows. 2,859,855, 11-11-58, Cl. 198—32.
- Graflex, Inc.: *See—*
- Dalton, Robert L. 2,854,749.
- Gorey, Archie H. 2,821,891.
- Gorey, Archie H. 2,831,414.
- Perlin, Fred. 2,837,986.
- Traino, Louis M., and Arnesen. 2,860,560.
- Gratson, James T., to Phillips Petroleum Co. Purification of lubricating compositions. 2,822,384, 2-4-58, Cl. 260—504.
- Gratson, James T., to Phillips Petroleum Co. Process for producing lubricating oil additives. 2,864,846, 12-16-58, Cl. 260—452.
- Graham, Alexander B., to The International Nickel Co., Inc. Production of hollow metal articles. 2,836,884, 6-3-58, Cl. 29—423.
- Graham, Archibald R.: *See—*
- Elce, Alec, Graham, Millidge, Robson, and Young. 2,861,923.
- Graham, Boynton, to E. I. du Pont de Nemours and Co. Irradiation process. 2,863,812, 12-9-58, Cl. 204—154.
- Graham, Boynton, and G. D. Patterson, to E. I. du Pont de Nemours and Co. Film-forming hydrosols of barium titanate, their preparation and a substrate coated therewith. 2,841,503, 7-1-58, Cl. 106—286.
- Graham, Bruce, to Ethyl Corp. Preparation of organic isocyanates. 2,866,802, 12-30-58, Cl. 260—453.
- Graham, Carroll R.: *See—*
- Ebarb, Gilbert B., Sr. 2,847,201.
- Graham, Charles R. Baby's safety pin. 2,833,014, 5-6-58, Cl. 24—160.
- Graham, Clifford P. High-pressure valve assembly. 2,819,035, 1-7-58, Cl. 251—170.
- Graham, Clifford P., and C. H. Leathers, to MacClatchie Mfg. Co. Shaft coupling device. 2,862,739, 12-2-58, Cl. 287—62.
- Graham, Dallas P., to Joy Mfg. Co. Rotary mining machine head and cutter carried thereby movable in elliptical paths. Re. 24,479, 6-3-58, Cl. 262—7.
- Graham, Donald P., and L. Spiegler, to E. I. du Pont de Nemours and Co. Hydrogenation of nitro compounds to amines and catalyst therefor. 2,823,235, 2-11-58, Cl. 260—580.
- Graham, Elwood M.: *See—*
- Graham, Maurice H. 2,835,188.
- Graham, Maurice H. 2,835,190.
- Graham, Frederick D.: *See—*
- Poulter, John W., Huffaker, and Graham. 2,864,475.
- Graham, George C., Jr., to Personal Products Corp. Bending oblong shapes. 2,858,831, 11-4-58, Cl. 128—285.
- Graham, George M. Tilting and shiftable slatted closure device. 2,827,113, 3-18-58, Cl. 160—172.
- Graham, Herbert M. Toothbrush. 2,855,619, 10-14-58, Cl. 15—129.
- Graham, James B.: *See—*
- Madison, Richard D., Graham, and Burgin. 2,827,224.

- Graham, James L., to Tennessee Valley Authority. Method of manufacturing fertilizers by evaporating slurries containing fertilizer constituents. 2,857,262, 10-21-58, Cl. 71-39.
- Graham, James T., Sr. Outdoor insecticide container. 2,837,861, 6-10-58, Cl. 43-131.
- Graham, Kenneth A.: *See*—
Bowius, Omer E., and Graham. 2,819,428.
- Graham, Leonard C. Double-deck conveyor cleaning device for poultry batteries. 2,843,086, 7-15-58, Cl. 119-22.
- Graham, Louis A., and R. A. Variable speed transmission. 2,853,899, 9-30-58, Cl. 74-796.
- Graham, MacKellar K.: *See*—
Klessig, Ernst F., Graham, and Raupp. 2,826,179.
- Graham, MacKellar K., and R. W. Brehm, to Vickers Inc. Power transmission. 2,853,951, 9-30-58, Cl. 103-136.
- Graham, Maurice H., to General Mills, Inc. Timing device. 2,842,200, 7-8-58, Cl. 161-1.
- Graham, Maurice H., deceased, by Northwestern National Bank of Minneapolis and M. W. Graham, executors, to M. W. and E. M. Graham, trustees. Automatic tea maker. 2,835,188, 5-20-58, Cl. 99-299.
- Graham, Maurice H., deceased, by M. W. Graham and Northwestern National Bank of Minneapolis, executors, to M. W. and E. M. Graham, trustees. Self-elevating holder for coffee maker. 2,835,190, 5-20-58, Cl. 99-310.
- Graham, Maurice W.: *See*—
Graham, Maurice H. 2,835,188.
Graham, Maurice H. 2,835,190.
- Graham, Paul R., to Monsanto Chemical Co. Vinylidene polymer-dialkyl phthalate-alkyl ester plastisol compositions. 2,852,482, 9-16-58, Cl. 260-312.
- Graham, Paul S. Trailer hitch for automobiles. 2,856,204, 10-14-58, Cl. 280-491.
- Graham, Percy R. Door and door jamb mortising means and method. 2,854,761, 7-10-58, Cl. 33-193.
- Graham, Peter J.: *See*—
Cairns, Theodore L., Cline, and Graham. 2,828,287.
- Graham, Peter J., to E. I. du Pont de Nemours and Co. Organometallic compounds containing cyclopentadienyl nuclei bonded directly to a group VIII metal and to a group I or a group II metal. 2,835,686, 5-20-58, Cl. 260-429.
- Graham, Peter J., to E. I. du Pont de Nemours and Co. Substituted dicyclopentadienyliron compounds containing at least one aldomethyl group and their preparation. 2,849,469, 8-26-58, Cl. 260-459.
- Graham, Peter J., and G. M. Whitman, to E. I. du Pont de Nemours and Co. Aminoalkyl substituted dicyclopentadienyliron compounds and their preparation. 2,859,233, 11-4-58, Cl. 260-439.
- Graham, Phil R., and L. E. Perine. Coffee oxidation preventive apparatus. 2,828,684, 4-1-58, Cl. 99-290.
- Graham, Phillip. Curved closure device. 2,826,787, 3-18-58, Cl. 20-35.
- Graham, Phillip. Curved barrier. 2,826,788, 3-18-58, Cl. 20-35.
- Graham, Phillip. Curved safety barrier for vehicles. 2,827,305, 3-18-58, Cl. 280-150.
- Graham, Richard A.: *See*—
Graham, Louis A., and R. A. 2,853,899.
- Graham, Richard, Jr.: *See*—
Cummin, Alfred S., Hutzler, and Graham. 2,819,492.
- Graham, Richard P.: *See*—
Hale, Arthur N., Ivanko, and Graham. 2,822,771.
Lang, John M., and Graham. 2,826,120.
- Graham, Robert P., A. H. Brown, and W. D. Ramage, to United States of America, Agriculture. Dehydration of biological substances. 2,853,797, 9-30-58, Cl. 34-5.
- Graham, Robert W., to General Motors Corp. Valve rotation device. 2,827,885, 3-25-58, Cl. 123-90.
- Graham Transmissions, Inc.: *See*—
Weiss, William B. 2,831,373.
- Graham, Walton: *See*—
Di Toro, Michael J., Graham, and Schreiner. 2,845,599.
- Graham, Walton to International Telephone and Telegraph Corp. Method and apparatus for signal presentation. 2,840,639, 6-24-58, Cl. 179-1.
- Graham, William, to Glaxo Laboratories Ltd. Separation of 21-acyloxy pregnane or allo-pregnane derivatives from mixtures containing them. 2,826,044, 1-14-58, Cl. 260-397.45.
- Graham, William, to Glaxo Laboratories Ltd. Process for the preparation of 21-bromo steroids. 2,861,089, 11-18-58, Cl. 260-397.45.
- Graham, William H. Convertible portable duck blind and tent. 2,841,159, 7-1-58, Cl. 135-4.
- Graham, William K.: *See*—
Nydegger, George C. 2,836,341.
- Graham, William S. Roll paper dispenser. 2,834,557, 5-13-58, Cl. 242-55.5.
- Graham, William T. Mounting for the shanks of the ground working tool of a plow. 2,833,198, 5-6-58, Cl. 97-47.84.
- Graham, Wray F. Vertically adjustable coupling for connecting tractors with implements or vehicles. 2,847,232, 8-12-58, Cl. 280-490.
- Grakek, Joseph L., to Sprout, Waldron & Co., Inc. Pellet cooler. 2,849,806, 9-2-58, Cl. 34-174.
- Grahmann, Hartmut: *See*—
Muller, Gerd, Becklars, Detzner, and Grahmann. 2,849,438.
- Grahn, Arne Y., to The Poly Choke Co., Inc. Manually and automatically adjustable choke for shotguns. 2,864,194, 12-16-58, Cl. 42-79.
- Graichen, Heinrich: *See*—
Braun, Artur, Falkenbach, and Graichen. 2,822,485.
- Grain Processing Corp.: *See*—
Morehouse, Alpha L. 2,822,361.
- Grakauskas, Vytautas: *See*—
Ericson, Wallace A., Ericson, and Grakauskas. 2,824,811.
- Gram, Arthur J., Jr., to The Babcock & Wilcox Co. Vapor generating unit. 2,845,906, 8-5-58, Cl. 122-32.
- Gramacy, William. Book support with independent cover holder. 2,835,072, 5-20-58, Cl. 45-61.
- Gramacy, William, to Sloves Mechanical Binding Co., Inc. Loose leaf binder. 2,836,182, 5-27-58, Cl. 129-8.
- Gramelspacher, Clarence U. Combination tubeless and safety tubeless tire. 2,839,118, 6-17-58, Cl. 152-341.
- Gramelspacher, Clarence U. Inner liner for tubeless tire. 2,864,425, 12-16-58, Cl. 152-341.
- Gramenzi, Frank V. Automatic drainage device. 2,840,000, 6-24-58, Cl. 103-26.
- Gramer, William L.: *See*—
Nash, James E., and Gramer. 2,830,812.
- Grämkow, Werner K. H. F.: *See*—
Barényi, Béla, and Grämkow. 2,839,312.
- Gramm, Frank G.: *See*—
Entrikin, Raymond A., Gramm, and Swisher. 2,832,022.
- Grams, Raymond M. Electric animal restraining device. 2,830,556, 4-15-58, Cl. 119-27.
- Granacher, Ernst: *See*—
List, Heinz, Frosch, and Granacher. 2,828,586.
- Granata, Rosario C. Vacuum chuck. 2,852,264, 9-16-58, Cl. 279-3.
- Granatek, Edmund S.: *See*—
Buckwalter, Frank H., and Granatek. 2,824,869.
- Granath, Axel G., to Herbert Simpson Corp. Mold shake-out apparatus. 2,827,677, 3-25-58, Cl. 22-97.5.
- Granath, Axel G., to Herbert Simpson Corp. Weight setting device. 2,842,819, 7-15-58, Cl. 22-64.
- Granath, Axel G., to Herbert Simpson Corp. Indexing and conveying system for foundries. 2,863,398, 12-9-58, Cl. 104-162.
- Granberg, Albert J. Flow control valve assembly responsive to downstream pressure. 2,854,990, 10-7-58, Cl. 137-220.
- Granberg, Albert J. Repeating counter and control for container filling systems. 2,861,747, 11-25-58, Cl. 235-132.
- Granberg, Albert J., and L. T. Rossi; said Rossi assor. to Granberg Corp. Self-sealing wear-compensating packing gland. 2,827,314, 3-18-58, Cl. 286-26.
- Granberg Corp.: *See*—
Granberg, Albert J., and Rossi. 2,827,314.
- Granberg, Elof, to Nygran Industries Ltd. Chain saw sharpening and jointing apparatus. 2,818,752, 1-7-58, Cl. 76-31.
- Granberg, Elof. File tool handle. 2,846,755, 8-12-58, Cl. 29-80.
- Granberg, Fred. Sash lock. 2,846,258, 8-5-58, Cl. 292-336.
- Granberg, Neil B., to A. O. Smith Corp. Box section and method of making. 2,843,725, 7-15-58, Cl. 219-105.
- Granberry, Edgar H.: *See*—
Manning, George, and Granberry. 2,855,879.
- Granche, Stephen R. Emergency power brake. 2,862,583, 12-2-58, Cl. 188-106.
- Granchelli, Felix E., and G. B. Walker, Jr., to Arthur D. Little, Inc. Metal organo-silyl esters. 2,863,891, 12-9-58, Cl. 260-429.
- Granco Corp.: *See*—
Napolin, Seymour. 2,831,117.
- Granco Products Inc.: *See*—
Napolin, Seymour, and Harwood. 2,849,576.
- Grandel, Felix. Paste wares of high biological value, and a process of making same. 2,819,969, 1-14-58, Cl. 99-85.
- Grandemange, Georges. Pumicing stone. 2,865,147, 12-23-58, Cl. 51-204.
- Grandmont, Paul E., to Curtiss-Wright Corp. Low frequency signal generator. 2,851,601, 9-9-58, Cl. 250-36.
- Grand Rapids Hardware Co.: *See*—
Teggelaar, Claude J. 2,825,939.
Teggelaar, Claude J. 2,837,781.
- Grand Sheet Metal Products Co.: *See*—
Chapel, Glen R. 2,855,068.
Rawson, Emanuel. 2,834,425.
- Grand Specialties Co.: *See*—
Hopfeld, Fred P. 2,849,085.
- Grandy, Andrew J., and A. M. Stott. Vibration reduction in machining thin-walled elongated tubes. 2,851,916, 9-16-58, Cl. 82-43.
- Granek, Alfred. Rotatable sections for buildings. 2,823,425, 2-18-58, Cl. 20-1.
- Granet, Charles, G. Roland, and R. Crauc. Hydraulic damper for vehicle suspensions. 2,861,656, 11-25-58, Cl. 188-88.
- Granfelt, Ernest H., to the United States of America as represented by the Secretary of the Navy. Aerodynamic bomb ejector mechanism. 2,829,561, 4-8-58, Cl. 89-1.5.
- Granger, Ernest R. Gnatholators. 2,824,371, 2-25-58, Cl. 32-32.
- Granger, Wallace H., to Miehle-Goss-Dexter, Inc. Ink roller socket construction. 2,860,579, 11-18-58, Cl. 101-348.
- Granger, William M. Automatic control of radio transmitters or other equipment. 2,865,482, 12-23-58, Cl. 192-142.
- Grangier, Emile L. Droppers for warp detectors. 2,834,381, 5-13-58, Cl. 139-368.

- Grannan, Clara M. Hip support. 2,843,116, 7-15-58, Cl. 128-78.
- Grannan, William D., to General Electric Co. Hinge construction for range oven doors and the like. 2,823,661, 2-18-58, Cl. 126-191.
- Grannemann, Wayne W., to California Research Corp. Method of removing noise from seismic signals. 2,826,750, 3-11-58, Cl. 340-15.
- Granqvist, Carl-Erik, to Svenska Aktiebolaget Gasaccumulator. Gyro system, particularly for flight navigational purposes. 2,861,350, 11-25-58, Cl. 33-204.
- Granryd, Thorvald G., to The Frank G. Hough Co. Tractor loaders. 2,842,273, 7-8-58, Cl. 214-140.
- Granstedt, Karl E., to Aareno Aktiebolag. Apparatus for shaping cigar bunches or the like. 2,840,084, 6-24-58, Cl. 131-82.
- Granstedt, Karl E., to Aareno Aktiebolag. Machine for winding tobacco, or tobacco articles, into tobacco leaves. 2,854,009, 9-30-58, Cl. 131-52.
- Granstrom, Olof A.: See—
- Fredriksson, Per S. E., and Granstrom. 2,856,803.
- Grant, Arthur F., to General Motors Corp. Reversing clutch mechanism with magnetic particle clutching medium. 2,839,170, 6-17-58, Cl. 192-51.
- Grant, Arthur W.: See—
- Berry, Verne H., and Grant. 2,843,172.
- Grant, Charles R. A., to Pressure Gauges Ltd. Fluid pressure gauges. 2,862,388, 12-2-58, Cl. 73-412.
- Grant, Clarence P.: See—
- Grant, Joseph W. and C. P. 2,859,971.
- Grant, Clyde P.: See—
- Connell, Herbert J., and Grant. 2,825,225.
- Grant, Cuthbert: See—
- Markel, Morris L., and Grant. 2,852,657.
- Grant, Denison W. Serving trays for group application to the tops of square living room tables. 2,826,469, 3-11-58, Cl. 311-106.
- Grant Development Co.: See—
- Miller, Harry B. 2,848,158.
- Rosapepe, Frank P. 2,865,561.
- Grant, Earl W.: See—
- White, Gifford E., and Grant. 2,836,803.
- Grant, Earl W., to Statham Instrument, Inc. Temperature control device. 2,855,495, 10-7-58, Cl. 219-35.
- Grant, Frederick W.: See—
- Brunson, Herman A., Grant, and Bobko. 2,857,433.
- Grant, Garnet R., Jr., to Grant Photo Products, Inc. Means for making electrostatic prints. 2,826,168, 3-11-58, Cl. 118-637.
- Grant, Gary G., to Lever Brothers Co. Apparatus for assembling collapsible tubes and filling semi-solid material therein. 2,835,091, 5-20-58, Cl. 53-239.
- Grant, Gordon A.: See—
- Beall, Desmond, and Grant. 2,834,712.
- Langis, Andre L., Myers, and Grant. 2,854,483.
- Grant, Gordon A., and S. O. Winthrop, to American Home Products Corp. Chloroquinazoline derivatives. 2,830,055, 4-8-58, Cl. 260-256.4.
- Grant, Gordon A., and S. O. Winthrop, to American Home Products Corp. Dialkylaminoethyl ester salts of cyclic guanidine acids and their preparation. 2,845,434, 7-29-58, Cl. 260-309.6.
- Grant, Harold R.: See—
- Banta, Howard W., and Grant. 2,852,843.
- Grant, James B. Doorway construction. 2,823,429, 2-18-58, Cl. 20-16.
- Grant, James C., and P. B. Sweet. Method of recovering metal values from ores. 2,830,895, 4-15-58, Cl. 75-103.
- Grant, Joseph W., and C. P. Puzzle ring. 2,859,971, 11-11-58, Cl. 273-158.
- Grant, Max L.: See—
- Care, Richard L. 2,835,439.
- Grant, Munro M. Thigh pads for use in contact sports equipment. 2,818,571, 1-7-58, Cl. 2-22.
- Grant, Nicholas J.: See—
- Goetzal, Claus G., Grant, Skolnick, and Ellis. 2,828,202.
- Goetzal, Claus G., Grant, Yoblin, and Skolnick. 2,852,367.
- Grant, Nicholas J., and C. G. Goetzal, to Sintercast Corp. of America. Composite matter. 2,823,988, 2-18-58, Cl. 75-5.
- Grant Oil Tool Co.: See—
- Emanuel, Vincent. 2,834,579.
- Grant, Philip J. Insecticide container. 2,825,996, 3-11-58, Cl. 43-131.
- Grant Photo Products, Inc.: See—
- Grant, Garnet P., Jr. 2,826,168.
- Grant Pulley & Hardware Corp.: See—
- Gussack, Nathan A. 2,862,772.
- Grant, Richard J.: See—
- Gillmore, Donald W., Grant, and Smith. 2,822,304.
- Grant, Richard W., and M. H. Rosengard, to Hughes Aircraft Co. Eject-inject lock mechanism. 2,863,689, 12-9-58, Cl. 292-25.
- Grant, William: See—
- Nixon, Leslie R., and Grant. 2,828,164.
- Grant, William F. Pet feeding stand. 2,841,114, 7-1-58, Cl. 119-51.
- Grantges, Richard F., and J. Holzer. Modulator-demodulator amplifier system. 2,864,905, 12-16-58, Cl. 179-171.
- Grantham, Floyd B.: See—
- Mengelkamp, Richard A., and Grantham. 2,821,843.
- Grantham, Richard L., and J. E. Nickels, to Richfield Oil Corp. Liquid cobaltous sulfate oxidation catalyst. 2,856,423, 10-14-58, Cl. 260-524.
- Grants, Paul R.: See—
- Grants, Tamara. 2,847,848.
- Grants, Paul R. Display sign. 2,850,825, 9-9-58, Cl. 40-137.
- Grants, Tamara, to P. R. Grants. Precast masonry unit. 2,847,848, 8-19-58, Cl. 72-41.
- Granzow, Daniel B., Jr., to The National Cash Register Co. Calendar device. 2,846,877, 8-12-58, Cl. 73-159.
- Graphic Arts Research Foundation, Inc.: See—
- Higonnet, Rene A., and Moyroud. 2,865,270.
- Graser, Michael, Jr., to General Electric Co. Brightness control for color television receiver. 2,839,600, 6-17-58, Cl. 178-5.4.
- Grashoff, Ewald: See—
- Meixner, Alfred, and Grashoff. 2,865,273.
- Grass, Albert M. Force measuring instrument. 2,844,959, 7-29-58, Cl. 73-141.
- Grassetti, Davide R.: See—
- Klein, Howard C., and Grassetti. 2,819,311.
- Grassetti, Davide R., to Nopco Chemical Co. Vitamin A intermediates and process for obtaining same. 2,862,031, 11-25-58, Cl. 260-563.
- Grassick, Donald D., to Universal Fabricated Products Co. Metal clad insulating floating roof. 2,861,713, 11-25-58, Cl. 220-26.
- Grassie, Vernon R.: See—
- Brooks, Robert M., and Grassie. 2,864,876.
- Grasslander Co. Ltd.: See—
- Jarvis, James G. 2,829,481.
- Jarvis, James G. 2,829,689.
- Jarvis, James G. 2,829,690.
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- Jarvis, James G. 2,829,693.
- Jarvis, James G. 2,829,694.
- Jarvis, James G. 2,829,695.
- Grassmuck, August. Centrifugally operated clutch. 2,836,275, 5-27-58, Cl. 192-105.
- Grass Valley Products Co.: See—
- Smith, John W. 2,843,064.
- Grasswick, Carl A. Windrower having stalk bending means. 2,823,510, 2-18-58, Cl. 56-192.
- Gratian, Joseph W., to General Dynamics Corp. Direct current potential generator. 2,824,229, 2-18-58, Cl. 250-36.
- Gratian, Joseph W., to General Dynamics Corp. Combination recording head. 2,850,581, 9-2-58, Cl. 179-100.2.
- Gratian, Joseph W., to General Dynamics Corp. Magnetic recording head. 2,864,893, 12-16-58, Cl. 179-100.2.
- Gratt, Benjamin H., 50% to H. E. Gratt. Protective cover for furniture and the like. 2,842,189, 7-8-58, Cl. 155-182.
- Gratt, Herbert E.: See—
- Gratt, Benjamin H. 2,842,189.
- Grattidge, Walter, to General Electric Co. Method of metalizing ceramic bodies. 2,820,727, 1-21-58, Cl. 117-217.
- Gratzmuller, Jean L. Hydraulic pumps. 2,845,029, 7-29-58, Cl. 103-40.
- Gratzmuller, Jean L. Sealing devices. 2,847,262, 8-12-58, Cl. 309-23.
- Gratzmuller, Jean L. Flow-rate responsive switching-valve for hydraulic circuits. 2,855,945, 10-14-58, Cl. 137-108.
- Grau, George, to Jarco Metal Products Corp. Cosmetic stick carrier member. 2,838,169, 6-10-58, Cl. 206-56.
- Graubner, Herman G., to Union Carbide Corp. Light modifying attachment for flashlights. 2,823,300, 2-11-58, Cl. 240-10.6.
- Graustein, Walter W., Jr., to Acton Laboratories, Inc. Phase measuring system. 2,863,117, 12-2-58, Cl. 324-85.
- Gravenhorst, Everett G., and S. G. Evangelides, to Air Associates, Inc. Fluid pressure regulators. 2,824,568, 2-25-58, Cl. 137-116.3.
- Gravenstine, George E., to The Yale and Towne Mfg. Co. Shaft locking mechanism. 2,851,137, 9-9-58, Cl. 192-8.
- Graver, Clair W.: See—
- Mockrin, Isadore, Lowdermilk, and Graver. 2,860,033.
- Graver Tank & Mfg. Co., Inc.: See—
- Bodley, Robert W. 2,857,072.
- Kowalik, Jozef. 2,843,405.
- Shell, Bernice F. 2,846,111.
- Shepherd, Roy. 2,866,516.
- Sturm, Roland G. 2,855,121.
- Ulm, Reign C. 2,843,289.
- Ulm, Reign C., and Wilkin. 2,855,122.
- Graves, Charles A., to Allied Chemical Corp. Process for the manufacture of high-density, anhydrous calcium chloride. 2,857,244, 10-21-58, Cl. 23-90.
- Graves, Edward B., and J. Ball, to Picker X-Ray Corp. Waite Mfg. Div. Inc. X-ray method and apparatus. 2,838,681, 6-10-58, Cl. 250-94.
- Graves, Edwin E., and R. H. Coonfare, to United States of America, Atomic Energy Commission. Method and means for closing tubes by spinning. 2,848,804, 8-26-58, Cl. 29-543.
- Graves, Frederick G., to J. W. Macklin, at trustee. Piston and combustion chamber and injection nozzle mounting construction for compression ignition engine. 2,866,445, 12-30-58, Cl. 123-32.
- Graves, Forrest G. Portable metal and earth separator. 2,827,170, 3-18-58, Cl. 209-347.
- Graves, George O. Food processing machine. 2,842,072, 7-8-58, Cl. 107-14.

- Graves, George O. Food processing machine. 2,853,027, 9-23-58, Cl. 107-14.
- Graves, George T., to The Farval Corp. Progressive metering valve and fluid pressure system utilizing same. 2,856,023, 10-14-58, Cl. 184-7.
- Graves, George T., to The Farval Corp. Lubricating system and flow reversing valve. 2,855,069, 10-7-58, Cl. 184-7.
- Graves, Harold E. and Harold E. Graves, Jr., to Brown-Graves Co. Latch mechanism. 2,854,268, 9-30-58, Cl. 292-143.
- Graves, Harold E., Jr.: See—
- Graves, Harold E. and Harold E. Graves, Jr. 2,854,268.
- Graves, Herbert C., Jr.: See—
- Graves, Herbert C., Jr., to Gibson Electric Co. Contact for interrupter switch. 2,864,921, 12-16-58, Cl. 200-166.
- Graves, John B. Tree girdling tool. 2,855,724, 10-14-58, Cl. 47-1.
- Graves, Richard H.: See—
- Weiss, Walter J., and Graves. 2,856,154.
- Graves, Robert E., R. L. Hall, and A. J. Karas, to McCormick & Co., Inc. Method of producing cured vanilla extract from green vanilla beans. 2,835,591, 5-20-58, Cl. 99-140.
- Graves, William C., and F. H. Walti, to Western Electric Co., Inc. Apparatus for molding telephone handset handles. 2,860,376, 11-18-58, Cl. 18-42.
- Gravesen, Ernest C. Manufacture of felt hats. 2,840,864, 7-1-58, Cl. 19-148.
- Gravet, Simone, nee Demaret, to Societe Anonyme Ateliers de Constructions Electriques de Charleroi. Hand-drying apparatus. 2,853,592, 9-23-58, Cl. 219-39.
- Gravey, Guy: See—
- Castagna, Hermann, Gravey, Reynaud, and Roth. 2,829,965.
- Reynaud, Francis, Gravey, and Roth. 2,829,966.
- Reynaud, Francis, Gravey, and Roth. 2,860,047.
- Graviner Mfg. Co. Ltd.: See—
- Griffiths, Rupert. 2,836,692.
- Gravino, Vincent: See—
- Chiopelas, Harry, and Gravino. 2,831,530.
- Gravley, Charles K., to Clevite Corp. Bending-responsive electromechanical transducer device. 2,841,722, 7-1-58, Cl. 310-8.5.
- Gravley, Charles K., to Clevite Corp. Fabricating dielectric electromechanical transducer elements. 2,861,320, 11-25-58, Cl. 29-25.35.
- Grawl, Milton B. Convertible table-bench assembly. 2,845,110, 7-29-58, Cl. 155-43.
- Gray, Allen G., to United States of America, Atomic Energy Commission. Electrodeposition of nickel on uranium. 2,849,348, 8-26-58, Cl. 204-1.5.
- Gray, Allen G., to United States of America, Atomic Energy Commission. Plural metallic coatings on uranium and method of applying same. 2,851,766, 9-16-58, Cl. 29-194.
- Gray, Allen G., to United States of America, Atomic Energy Commission. Copper coated uranium article. 2,854,737, 10-7-58, Cl. 29-194.
- Gray, Allen G., to United States of America, Atomic Energy Commission. Nickel coated uranium article. 2,854,738, 10-7-58, Cl. 29-194.
- Gray, Allen G., and E. W. Schweikher, to United States of America, Atomic Energy Commission. Surface treatment of metallic uranium. 2,836,548, 5-27-58, Cl. 204-1.5.
- Gray, Arthur O., Jr.: See—
- Lambert, Vincent, and Gray. 2,860,107.
- Gray, Arthur R. Lamp stands. 2,860,232, 11-11-58, Cl. 240-2.
- Gray, Beachel L. Poultry drinker. 2,843,087, 7-15-58, Cl. 119-72.
- Gray, C. F.: See—
- Spedding, Frank H., and Gray. 2,852,364.
- Gray, C. F., and R. H. Thompson, to United States of America, Atomic Energy Commission. Casting apparatus. 2,852,823, 9-23-58, Cl. 22-73.
- Gray, C. F., and R. H. Thompson, to United States of America, Atomic Energy Commission. Casting method and apparatus. 2,854,713, 10-7-58, Cl. 22-73.
- Gray, Charles W. Expandable camping trailers. 2,843,418, 7-15-58, Cl. 296-23.
- Gray, Clifford H. Computing device. 2,830,760, 4-15-58, Cl. 235-64.7.
- Gray Co., Inc.: See—
- Gray, Russell J. 2,846,123.
- Gray, Russell J. 2,846,129.
- Gray, Russell J. 2,865,540.
- Gray, Cornelius, Sr. 45% to R. B. Gray. Bottle washing machine. 2,843,867, 7-22-58, Cl. 15-64.
- Gray, Donald E., to Radiant Corp. Hydraulic antenna rotator. 2,825,240, 3-4-58, Cl. 74-507.
- Gray, Dudley, to Stewart-Warner Corp. Sense antenna system. 2,837,739, 6-3-58, Cl. 343-114.
- Gray, Edgar G. Process for the production of boron carbide. 2,834,651, 5-13-58, Cl. 23-208.
- Gray, Edward: See—
- Kalmer, Benedict R. 2,845,272.
- Gray, Elmer C. Automatically centering drawer handle marking device. 2,842,860, 7-15-58, Cl. 33-191.
- Gray, Ernest F. Earring clasp with spring bias clamp and means for withholding same. 2,842,944, 7-15-58, Cl. 63-14.
- Gray, G. A., Co.: See—
- Walter, John M. 2,832,849.
- Gray, George W.: See—
- Jensen, Arthur S., and Gray. 2,841,727.
- Gray, George W., and A. S. Jensen, to United States of America, Atomic Energy Commission. Pulse amplitude analyzers. 2,837,639, 6-3-58, Cl. 250-27.
- Gray, Glen G., to Eastman Kodak Co. Reduced curl in photographic paper. 2,865,792, 12-23-58, Cl. 117-143.
- Gray, Gordon A. Double hung window sash construction. 2,851,743, 9-16-58, Cl. 20-52.2.
- Gray, Harold, to The B. F. Goodrich Co. Emergency wheel. 2,823,956, 2-18-58, Cl. 301-38.
- Gray, Harry J., Jr.: See—
- Eckert, John P., Jr., and Gray. 2,838,690.
- Gray, Harry J., Jr., to Sperry Rand Corp. Transistor logical element. 2,853,632, 9-23-58, Cl. 307-88.5.
- Gray, Homer A.: See—
- Wichmann, George F., and Gray. 2,829,726.
- Gray, Hugh A., to Western Electric Co., Inc. Pliers for forming the ends of wire conductors. 2,828,780, 4-1-58, Cl. 140-123.
- Gray, Ivan L.: See—
- De Jean, Milton V., and Gray. 2,822,483.
- Gray, James H. Beaded fish hook disgorging device. 2,861,383, 11-25-58, Cl. 43-53.5.
- Gray, James J., to Imperial Chemical Industries Ltd. Method of producing titanium. 2,864,691, 12-16-58, Cl. 73-84.5.
- Gray, John, to Imperial Chemical Industries Ltd. High luster polyamide filaments and process for producing them. 2,846,289, 8-5-58, Cl. 18-54.
- Gray, John B., to Packard Bell Electronics Corp. Recording and reproducing assembly. 2,864,611, 12-16-58, Cl. 271-218.
- Gray, John R.: See—
- Tyler, Vernal M., Gray, and Sargeant. 2,846,869.
- Gray, John W.: See—
- Frederick, Arden H., and Gray. 2,849,184.
- Newsom, Earl G., and Gray. 2,856,586.
- Gray, John W., to General Precision Laboratory Inc. Computer for dividing. 2,822,977, 2-11-58, Cl. 235-61.
- Gray, John W., to General Precision Laboratory Inc. Rotary inductor signal transmitter. 2,833,971, 5-6-58, Cl. 318-30.
- Gray, John W., to General Precision Laboratory Inc. Navigational fix computer. 2,839,747, 6-17-58, Cl. 343-7.
- Gray, John W., to General Precision Laboratory Inc. Earth ellipticity corrector for dead reckoning computer. 2,843,318, 7-15-58, Cl. 235-61.
- Gray, John W., to General Precision Laboratory Inc. Doppler system for speed and drift measurements. 2,855,590, 10-7-58, Cl. 343-8.
- Gray, John W., to General Precision Laboratory Inc. Voltage balancing system. 2,857,564, 10-21-58, Cl. 323-45.
- Gray, John W., to General Precision Laboratory Inc. Analog to digital converter. 2,866,184, 12-23-58, Cl. 340-347.
- Gray, John W., and I. A. Greenwood, Jr., to the United States of America as represented by the Secretary of War. Bombing system. 2,823,585, 2-8-58, Cl. 89-1.5.
- Gray, John W., E. G. Newsom, and R. Crane, Jr., to General Precision Laboratory Inc. Automatic signal frequency tracker, with search and hold-during-fade provisions. 2,856,519, 10-14-58, Cl. 250-20.
- Gray, Kenneth R.: See—
- Anderson, James K., Herrick, and Gray. 2,845,450.
- Steinberg, John C., and Gray. 2,823,223.
- Van Blaricom, Lloyd E., and Gray. 2,831,022.
- Gray, Kenneth R., M. L. Crosby, and J. C. Steinberg, to Rayonier Inc. Recovery of chemicals in wood pulp preparation. 2,824,071, 2-18-58, Cl. 252-183.
- Gray, Kenneth R., H. L. Crosby, and J. C. Steinberg, to Rayonier Inc. Recovery of chemicals from smelt solutions. 2,841,561, 7-1-58, Cl. 252-183.
- Gray, Landon R., to T. W. & C. B. Sheridan Co. Stretch-forming machine having a template fixed to the die and a stretch control tape extending from a work clamp to the template. 2,824,594, 2-25-58, Cl. 153-48.
- Gray, Landon R. Multiple valve assembly. 2,834,368, 5-13-58, Cl. 137-271.
- Gray, Landon R., and T. B. Hawkes, to T. W. & C. B. Sheridan Co. Sheet and plate work gripping apparatus having angularly adjustable grippers. 2,835,947, 5-27-58, Cl. 24-81.
- Gray, Laverne E. Drive in theatre. 2,828,360, 3-25-58, Cl. 179-1.
- Gray, Leonard C. Pump type oiler. 2,849,160, 8-26-58, Cl. 222-324.
- Gray, Linsley S., to Gray Stamping and Mfg. Co. Shielding device. 2,825,749, 3-4-58, Cl. 174-35.
- Gray, Linsley S., and L. W. Bell, to Gray Stamping & Mfg. Co. Shielding device. 2,820,082, 1-14-58, Cl. 174-35.
- Gray, Norman A., and C. D. Mabry, to Schick Inc. Wall holder for electric shaver. 2,845,245, 7-29-58, Cl. 248-314.
- Gray, Robert B.: See—
- Gray, Cornelius, Sr. 2,843,867.
- Gray, Robert B., to Erie Resistor Corp. Dashpot. 2,838,300, 6-10-58, Cl. 267-1.
- Gray, Robert B., to American Meter Co., Inc. Gas density measuring device. 2,838,927, 6-17-58, Cl. 73-30.
- Gray, Robert B., to Erie Resistor Corp. Pulse transformer. 2,846,673, 8-5-58, Cl. 340-174.
- Gray, Robert C., and H. A. Greene, Jr., to Remler Co., Ltd. Receiver amplifier. 2,847,506, 8-12-58, Cl. 179-1.

- Gray, Robert L., to Burroughs Corp. Transistor bistable oscillator. 2,826,695, 3-11-58, Cl. 250-36.
- Gray, Ruben L. Combination wet mop, dry mop and vacuum cleaner. 2,844,840, 7-29-58, Cl. 15-321.
- Gray, Russell H., and V. J. Webers, to E. I. du Pont de Nemours and Co. Photographic silver halide emulsions containing copolymeric mordants. 2,839,401, 6-17-58, Cl. 96-96.
- Gray, Russell J., to Gray Co., Inc. Liquid handling apparatus for delivering paints and other liquid materials to spray guns. 2,846,123, 8-5-58, Cl. 222-240.
- Gray, Russell J., to Gray Co., Inc. Grease dispenser. 2,865,440, 12-23-58, Cl. 222-341.
- Gray, Samuel M., J. O. Fellows, and R. F. Reed, to Sylvania Electric Products Inc. Fuse for incandescent lamp. 2,859,381, 11-4-58, Cl. 315-74.
- Gray, Sidney, to Radio Corp. of America. Method of making ray sensitive targets. 2,848,358, 8-19-58, Cl. 117-211.
- Gray Stamping and Mfg. Co.: See—
- Gray, Linsley S. 2,825,749.
- Gray, Linsley S., and Bell. 2,820,082.
- Gray, Walter K., to Mercury International Research Co. Vending machine. 2,854,116, 9-30-58, Cl. 194-10.
- Gray, Walter W., to Acme Visible Records, Inc. Micro-print enlarger and viewer. 2,823,582, 2-18-58, Cl. 88-24.
- Gray, Willard F. M., and R. D. Wheeler, to General Electric Co. Coil construction for electromagnetic induction apparatus. 2,863,180, 12-2-58, Cl. 336-207.
- Gray, William C., and B. C. Pendarvis. Vertical cylinder attachment for combines. 2,836,026, 5-27-58, Cl. 56-119.
- Gray, William M.: See—
- Spiezio, John, and Gray. 2,854,801.
- Gray, William T., to Leeds and Northrup Co. Apparatus for measuring and/or controlling surface temperatures under non-black-body conditions. 2,846,882, 8-12-58, Cl. 73-355.
- Graybill, Kenneth W., and O. W. Henrikson, to General Telephone Laboratories, Inc. Polarized relay. 2,850,595, 9-2-58, Cl. 200-93.
- Graybill, Clinton L. Reversing mechanism. 2,834,229, 5-13-58, Cl. 74-765.
- Graybill, Clinton L. Fluid pressure control valve. 2,837,110, 6-3-58, Cl. 137-327.
- Graybill, Clinton L. Fluid control valve with supplemental check valve. 2,845,083, 7-29-58, Cl. 137-329.2.
- Graybill, Clinton L. Power driven tool chuck. 2,857,997, 10-28-58, Cl. 192-34.
- Graybill, Clinton L. Combination concrete mixer and portable dispenser. 2,859,950, 11-11-58, Cl. 259-177.
- Graybill, Howard W., to I-T-E Circuit Breaker Co. High current switch. 2,846,529, 8-5-58, Cl. 200-16.
- Graybill, Kenneth W., and H. Sengebusch, to General Telephone Laboratories, Inc. Two-motion switch. 2,820,851, 1-21-58, Cl. 179-27.52.
- Graybill, Kenneth W., and H. Sengebusch, to General Telephone Laboratories, Inc. Relay. 2,820,866, 1-21-58, Cl. 200-104.
- Graybill, Kenneth W., and H. Sengebusch, to General Telephone Laboratories, Inc. Multiple relay assembly. 2,824,924, 2-25-58, Cl. 200-104.
- Graybill, Kenneth W., and H. Sengebusch, to General Telephone Laboratories, Inc. General purpose relay. 2,831,940, 4-22-58, Cl. 200-104.
- Graybill, Kenneth W., to General Telephone Laboratories, Inc. Two-digit rotary switch. 2,852,615, 9-16-58, Cl. 179-27.51.
- Grayson, Harry, R. A. Dunkley, and T. H. Walker, to International Standard Electric Corp. Saturable core transformer. 2,831,157, 4-15-58, Cl. 323-56.
- Grayson, John H., to General Controls Co. Wall thermostat. 2,827,534, 3-18-58, Cl. 200-140.
- Grayson, John H. and R. D., and W. A. Ray, to General Controls Co. Valve structure. 2,822,133, 2-4-58, Cl. 236-21.
- Grayson, Richard D.: See—
- Grayson, John H. and R. D., and Ray. 2,822,133.
- Grazia, Edward E.: See—
- Hoey, Thomas G. 2,825,969.
- Graziano, Victor: See—
- Schlesinger, Kurt, and Graziano. 2,823,258.
- Grazzini, Anzo: See—
- Smith, Joseph M. 2,853,724.
- Greanias, Evon C.: See—
- Hamburg, Arthur, and Greanias. 2,855,513.
- Greasley, Eric A., to Cinch Mfg. Corp. Electrical switches. 2,826,653, 3-11-58, Cl. 200-51.14.
- Great Lakes Carbon Corp.: See—
- Bailey, Bruce L., and Juel. 2,862,748.
- Great Lakes Dredge & Dock Co.: See—
- Nielsen, Fridtjof G. 2,865,180.
- Great Lakes Stamp & Mfg. Co., Inc.: See—
- Schuetze, Hilmar O. 2,821,612.
- Great Western Drilling Co.: See—
- Mallory, Harvey E. 2,854,407.
- Great Western Sugar Co., The: See—
- Goodner, James R. 2,852,045.
- Greaves, Joseph. Grain saving attachment. 2,843,262, 7-15-58, Cl. 209-26.
- Grebe, Chauncey L., H. W. Taylor, and S. D. Warner, to United States Steel Corp. Apparatus for positioning articles in a tying machine. 2,850,963, 9-9-58, Cl. 100-4.
- Grebe, Conrad, and E. Haupt. Band conveyors. 2,832,463, 4-29-58, Cl. 198-191.
- Grebe, Otto, to Elektro-Mechanik G. m. b. H. Fluid drive of Foettinger type. 2,838,912, 6-17-58, Cl. 60-54.
- Grebe, Otto, and A. Lang, to Elektro-Mechanik G. m. b. H. Motor regulating apparatus. 2,841,753, 7-1-58, Cl. 318-433.
- Greber, Henry. Repeater fuse. 2,863,966, 12-9-58, Cl. 200-124.
- Grebrow, Wolfe: See—
- Cohen, Ruth, and Samet. 2,854,564.
- Grebowiec, Michael J., to Injection Molding Co. Low pressure flexible wall container. 2,837,245, 6-3-58, Cl. 222-184.
- Grecco, V. Peter: See—
- Jones, John T. 2,855,620.
- Greco, Charles C. Fitted sleeping cover. 2,851,703, 9-16-58, Cl. 5-334.
- Greco, Frank. Pressing device for belt loop material. 2,857,692, 10-28-58, Cl. 38-15.
- Greco, Guido, to Montecatini Società Generale per l'Industria Mineraria e Chimica. Process for the production of synthesis gas without catalysts. 2,859,103, 11-4-58, Cl. 48-196.
- Greco, Guido, to Montecatini Società Generale per l'Industria Mineraria e Chimica. Process for the production of synthesis gas without catalysts. 2,863,749, 12-9-58, Cl. 48-212.
- Grédé, Jean R. Guiding and sealing channel slideway for vehicle window panes. 2,821,430, 1-28-58, Cl. 296-44.5.
- Gredell, Otto N., to Standard Steel Works, Inc. Auger bit. 2,838,285, 6-10-58, Cl. 255-69.
- Greefkes, Johannes A.: See—
- De Jager, Frank, and Greefkes. 2,828,412.
- Greefkes, Johannes A., to North American Philips Co., Inc. Push-pull modulator. 2,820,199, 1-14-58, Cl. 332-31.
- Greefkes, Johannes A., and F. De Jager, to North American Philips Co., Inc. Synchronized gate having starting and holding means for local synchronizing signal source. 2,828,415, 3-25-58, Cl. 250-27.
- Greeley, William J.: See—
- Catheart, Wilson S., Greeley, and Hargarten. 2,850,442.
- Green, A. P., Fire Brick Co.: See—
- Lesar, Albert R., and Charles. 2,865,772.
- Green, Albert C.: See—
- Johnson, Randall W. 2,826,281.
- Green, Armin H.: See—
- Schlage, Ernest L., Tornoe, and Green. 2,834,194.
- Green, Armin H., to Schlage Lock Co. Lock retractor mechanism. 2,859,997, 11-11-58, Cl. 292-169.
- Green, Arthur D., to Esso Research and Engineering Co. Solid liquid heat exchange in low temperature polymerization. 2,846,422, 8-5-58, Cl. 200-85.3.
- Green, Arthur D., E. J. Gornowski, H. W. Scheeline, and S. E. Jaros, to Esso Research and Engineering Co. Solution process for making isobutylene-diolefin synthetic rubber. 2,844,569, 7-22-58, Cl. 260-85.3.
- Green, Barrett K., to The National Cash Register Co. Printing fluid containing a red dye and crystal violet lactone. 2,850,395, 9-2-58, Cl. 106-22.
- Green, Charles F., to Dodge Steel Co. Die casting apparatus. 2,835,005, 5-20-58, Cl. 22-70.
- Green, Clarence J., to Norton Co. Automated piston grinding machine. 2,835,082, 5-20-58, Cl. 51-105.
- Green, David J., to Gilfillan Bros., Inc. Landing traffic control system. 2,844,817, 7-22-58, Cl. 313-112.
- Green, David J., R. B. Tasker, and B. Cutler, to Gilfillan Bros., Inc. Cursor line and map generator. 2,862,202, 11-25-58, Cl. 343-11.
- Green, Donald C. Connection for fluid pressure operated devices. 2,841,984, 7-8-58, Cl. 73-395.
- Green, Duane L., to E. I. du Pont de Nemours and Co. Process for preparing filaments from dispersions containing craft polymers obtained from ethylenically unsaturated monomers. 2,840,447, 6-24-58, Cl. 18-54.
- Green, E., & Son Ltd.: See—
- Parris, Cyril W. 2,858,114.
- Green, Elbertson D., and M. G. Woolfson, to Westinghouse Electric Corp. Transistor blocking oscillator. 2,848,613, 8-19-58, Cl. 250-36.
- Green, Frank B. K., to Pandia, Inc. Flow-eveners for wood chip digesters. 2,821,476, 1-28-58, Cl. 92-6.
- Green, Frank L., to Green Mfg. Co. Window sash holder. 2,829,911, 4-8-58, Cl. 292-74.
- Green, Frederick H., to The Garrett Corp. Ventilated suit refrigeration unit. 2,819,590, 1-14-58, Cl. 62-6.
- Green, Frederick H., to The Garrett Corp. Multiple vortex tube generator cooling unit. 2,839,898, 6-24-58, Cl. 62-2.
- Green, Frederick H., to The Garrett Corp. Regenerative vortex cooling systems. 2,839,900, 6-24-58, Cl. 62-136.
- Green, Frederick H., to The Garrett Corp. Evaporative vortex tube refrigeration systems. 2,839,901, 6-24-58, Cl. 62-138.
- Green, Gwylam G. Tire chain. 2,830,638, 4-15-58, Cl. 152-213.
- Green, Harry N., to The Minister of Supply, in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Electric switching devices. 2,863,021, 12-2-58, Cl. 200-114.
- Green, Howard S., and R. B. Janney II, to All American Engineering Co. Retractable landing gear. 2,842,325, 7-8-58, Cl. 244-102.

- Green, Isaac H. C., and C. F. Brown to Hemphill Co. Method and apparatus for knitting. 2,861,441, 11-25-58, Cl. 66-43.
- Green, Jack S., R. G. Semrad, and A. H. Nichols, to Hughes Aircraft Co. Signal-amplitude to pulse-duration converter. 2,824,287, 2-18-58, Cl. 332-1.
- Green, Joseph A.: *See*—
Holm, Carl H., Green, and Gorman. 2,818,860.
- Green, Lee B. Shear. 2,833,349, 5-6-58, Cl. 164-47.
- Green, Lee B. Tangent bender with auxiliary bending means. 2,845,981, 8-5-58, Cl. 153-4.
- Green, Lee B. Bending machine with swinging-wing die carrier. 2,845,985, 8-5-58, Cl. 153-46.
- Green, Leland W. Collapsible boat. 2,830,308, 4-15-58, Cl. 9-2.
- Green, Leroy L.: *See*—
Pound, Richard T., and Green. 2,847,539.
- Green, Luther L. Balloon powered toy. 2,840,951, 7-1-58, Cl. 46-206.
- Green, Malcolm, to Baldwin-Lima-Hamilton Corp. Multiple bending beam force measuring device. 2,859,613, 11-11-58, Cl. 73-141.
- Green Mfg. Co.: *See*—
Green, Frank L. 2,829,911.
- Green, Marvin E. Device for holding brake lining in position to be bonded to a brake shoe. 2,835,310, 5-20-58, Cl. 154-1.
- Green, Marvin E. Clamp for holding brake lining in position to be bonded to a brake shoe. 2,837,139, 6-3-58, Cl. 154-1.
- Green, Mavis J.: *See*—
Wheeler, Lionel H., and Green. 2,828,917.
- Green, Milton: *See*—
Blount, Elkan R., Cohen, and Green. 2,843,481.
- Land, Edwin H., Blount, Cohen, Green, Tracy, and Woodward. 2,857,274.
- Land, Edwin H., Blount, Cohen, Green, Tracy, and Woodward. 2,857,275.
- Green, Milton. Bridge type power amplifier. 2,850,585, 9-2-58, Cl. 179-171.
- Green, Milton, to United States of America, Army. Logarithmic converter circuit. 2,861,182, 11-18-58, Cl. 250-27.
- Green, Otis R.: *See*—
Holder, Lum J., and Green. 2,845,281.
- Green, Ralph J.: *See*—
Okress, Ernest C., and Green. 2,840,493.
- Green, Ralph W.: *See*—
Chase, John A., and Green. 2,855,737.
- Green, Richard M., to Phillips Petroleum Co. Separation by crystallization. 2,832,474, 4-29-58, Cl. 210-179.
- Green, Richard M., to Phillips Petroleum Co. Crystal purification method. 2,848,516, 8-19-58, Cl. 260-674.
- Green, Richard M., and J. W. Clark, to Phillips Petroleum Co. Continuous circulating crystallization process and apparatus. 2,833,835, 5-6-58, Cl. 260-674.
- Green, Rollo B., to Electro Chek Corp. of America. Building security indicating and recording device. 2,852,766, 9-16-58, Cl. 340-276.
- Green, Sidney S.: *See*—
Forrest, Cameron B., and Green. 2,836,356.
- Green, Thomas A., H. H. Gorrie, J. F. Shannon, and T. Fink, to Bailey Meter Co. Instrument casing. 2,837,921, 6-10-58, Cl. 73-431.
- Green, Walter W. Safety pin. 2,860,397, 11-18-58, Cl. 24-156.
- Green, Warren E., to Ethyl Corp. Chemical reaction apparatus. 2,863,737, 12-9-58, Cl. 23-263.
- Green, William B. Screw-actuated, slidable inner jaw wrench. 2,854,876, 10-7-58, Cl. 81-170.
- Green, William P. Dual action handles. 2,864,398, 12-16-58, Cl. 137-327.
- Green, William R. Writing instrument guide. 2,866,440, 12-30-58, Cl. 120-102.
- Green, Wilbur A. Means for sub-irrigation. 2,822,769, 2-11-58, Cl. 111-71.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. Folding base structure adaptable for food slicing machines. 2,855,166, 10-7-58, Cl. 248-19.
- Greenawalt, Elmer J.: *See*—
Kayler, Frank H., Kulieke, and Greenawalt. 2,861,818.
- Greenawalt, Frederick A., to Ranco Inc. Control apparatus. 2,820,121, 1-14-58, Cl. 200-140.
- Greenawalt, Frederick A., to Ranco Inc. Hydraulic power element. 2,843,151, 7-15-58, Cl. 137-788.
- Greenawalt, William E. Processes of smelting finely divided metallic ore. 2,846,301, 8-5-58, Cl. 75-40.
- Greenawalt, William E. Smelting finely divided iron ore processes. 2,846,302, 8-5-58, Cl. 75-40.
- Greenaway, Richard C., to Monarch Records Inc. Movie phonograph. 2,818,772, 1-7-58, Cl. 88-27.
- Green Bay Box Co.: *See*—
Daniels, Wilbert P. 2,836,338.
- Greenberg, Barney M.: *See*—
Porter, Gilbert E. 2,847,828.
- Greenberg, Harry: *See*—
Nobis, John F., and Greenberg. 2,864,807.
- Nobis, John F., and Greenberg. 2,865,940.
- Greenberg, Harry, and R. W. Horst, to National Distillers and Chemical Corp. Polyesters from dicyclohexyladipic acid, copolymers thereof, and process of making same. 2,844,560, 7-22-58, Cl. 260-45.4.
- Greenberg, Harry, and R. W. Horst, to National Distillers and Chemical Corp. Polyamides from dicyclohexyladipic acid. 2,865,894, 12-23-58, Cl. 260-78.
- Greenberg, Robert L.: *See*—
Guggenheim, Max M., and Greenberg. 2,857,858.
- Greenberg, Robert L., to National Equipment Corp. Mold board for confectionery machine. 2,818,822, 1-7-58, Cl. 107-3.
- Greenberg, Stanly D.: *See*—
Soltero, Luis R., and Greenberg. 2,842,132.
- Greenberger, Joseph I., to United Engineering and Foundry Co. Apparatus for processing strip metal. 2,857,655, 10-28-58, Cl. 29-81.
- Greenblatt, Manuel H., to the United States of America as represented by the United States Atomic Energy Commission. Pulse amplitude analyzer. 2,828,425, 3-25-58, Cl. 250-217.
- Greenblatt, Manuel H., to Radio Corp. of America. Electronic generator. 2,856,524, 10-14-58, Cl. 250-27.
- Greenblott, Bernard J., to International Business Machines Corp. Magnetic flux indicator. 2,827,625, 3-18-58, Cl. 340-252.
- Greene, Charles A., to E. E. Greene, by decree of distribution. Manufacture of siliceous pellets. 2,848,311, 8-19-58, Cl. 23-313.
- Greene, Claude E., and W. H. Ulman, to The Monarch Machine Tool Co. Motor control system. 2,864,047, 12-9-58, Cl. 318-338.
- Greene, Edith E.: *See*—
Greene, Charles A. 2,848,311.
- Greene, Frederick R., and W. H. Umlandt. Self-shank button drilling machines. 2,841,040, 7-1-58, Cl. 79-14.
- Greene, George B., to Marchant Research, Inc. Magnetic transducer head. 2,839,613, 6-17-58, Cl. 179-100.2.
- Greene, Harold B.: *See*—
Kudravec, Michael K., and Greene. 2,852,687.
- Greene Harry A., Jr.: *See*—
Gray, Robert C., and Greene. 2,847,506.
- Greene, Joseph L., and J. C. Holzwarth, to General Motors Corp. Chemical displacement process of plating cadmium on aluminum. 2,850,441, 9-2-58, Cl. 204-38.
- Greene, Joseph L., Jr., and H. J. Hagemeyer, Jr., to Eastman Kodak Co. Autoxidation of hydrocarbons. 2,820,064, 1-14-58, Cl. 260-610.
- Greene, Kermit, to Sherman Paper Products Corp. Set-up box and blank for forming the same. 2,833,459, 5-6-58, Cl. 229-35.
- Greene, Nathan and R. X-ray film mount. 2,835,062, 5-20-58, Cl. 40-158.
- Greene, Nathan and R. Photographic mount for X-ray film. 2,842,882, 7-15-58, Cl. 40-158.
- Greene, Norman. Reusable dispensing cover. 2,840,124, 6-24-58, Cl. 141-381.
- Greene, Norman A. Toy. 2,853,829, 9-30-58, Cl. 46-8.
- Greene, Ralph N.: *See*—
Gschwind, Edouard E., and Greene. 2,848,926.
- Greene, Raymond W. Multiple stage gravity filters. 2,865,510, 12-23-58, Cl. 210-315.
- Greene, Robert E., Jr., to United States of America, Navy. Safety arming device. 2,845,024, 7-29-58, Cl. 102-4.
- Greene, Robert L., and A. K. Scott, to Esso Research and Engineering Co. Electrical coalescence process. 2,825,686, 3-4-58, Cl. 204-190.
- Greene, Rose: *See*—
Greene, Nathan and R. 2,835,062.
- Greene, Nathan and R. 2,842,882.
- Greene, Thomas T., Sr., to United States of America, Air Force. Control mechanism with automatic stop mechanism. 2,841,034, 7-1-58, Cl. 74-528.
- Greene, William E., Jr.: *See*—
Martin, Frank J. 2,821,381.
- Greene, William H.: *See*—
Nicol, Clinton C. 2,848,240.
- Greene, William J., and R. B. Steele, to Air Reduction Co., Inc. Direct current arc welding generator. 2,819,443, 1-7-58, Cl. 322-53.
- Greene, William L., and H. A. Berliner. Temperature control system for cooking utensils. 2,834,868, 5-13-58, Cl. 219-43.
- Greenebaum, Victor S.: *See*—
Heyob, Robert F., Burg, Hoffman, and Greenebaum. 2,850,560.
- Greenemeyer, John R. Sawyer's calculating board. 2,831,512, 4-22-58, Cl. 143-124.
- Greener, Raymond A.: *See*—
Gasper, Robert R., and Greener. 2,830,625.
- Greenfield, Alexander, to Bendix Aviation Corp. Counting circuit. 2,847,161, 8-12-58, Cl. 255-92.
- Greenfield, Harry. Door template. 2,823,462, 2-18-58, Cl. 33-194.
- Greenfield, Paul V.: *See*—
Chamberlain, Malcolm, and Greenfield. 2,834,207.
- Greenfield, Samuel, and R. B. Roemer. Loading apparatus for vehicles. 2,831,590, 4-22-58, Cl. 214-302.
- Green Giant Co.: *See*—
Malone, Harry F., and Krause. 2,846,823.
- Greenhalgh, Frank G.: *See*—
Long, Everett, and Greenhalgh. 2,865,828.
- Greenhalgh, Norman: *See*—
Boon, William R., Edgar, Ghosh, Greenhalgh, Hopf, and Burnand. 2,841,517.

- Greenhoe, Joe A., to Monsanto Chemical Co. Method for producing porous films from a polyvinyl chloride plastisol containing water as the blowing agent. 2,864,777, 12-16-58, Cl. 260-2.5.
- Greenhough, Elisha R. Lumber curing process. 2,834,120, 5-13-58, Cl. 34-37.
- Greenhough, Vernon W.: *See—*
Johnson, Francis M., and Greenhough. 2,830,439.
- Greenhouse, Alex., and G. Cohn, to Royal Sales Co. Cigarette lighter. 2,847,843, 8-19-58, Cl. 67-7.1.
- Greenhut, Joseph. Thermal motor protection switch. 2,840,666, 6-24-58, Cl. 200-122.
- Greening, John P., to Phillips Petroleum Co. Voltage regulator. 2,824,277, 2-18-58, Cl. 323-23.
- Greening, John P., to Phillips Petroleum Co. Polynomial multiplier. 2,855,147, 10-7-58, Cl. 235-61.
- Greening Nursery Co.: *See—*
Romine, James W. 2,847,808.
- Greenland, Leonard S., to H. M. Hobson Ltd. Fuel supply systems for gas turbine engines. 2,819,757, 1-14-58, Cl. 158-36.3.
- Greenland, Leonard S., R. Westbury and C. P. Smith, to H. M. Hobson, Ltd. Fluid pressure control means. 2,830,607, 4-15-58, Cl. 137-102.
- Greenland, Leonard S., R. Westbury, and C. P. Smith, to H. M. Hobson, Ltd. Feel simulator for aircraft. 2,830,778, 4-15-58, Cl. 244-83.
- Greenland, Leonard S., and K. A. Stenning, to H. M. Hobson, Ltd. Mach number responsive control for aircraft fuel system. 2,851,230, 9-9-58, Cl. 244-76.
- Greenland, Lloyd D., $\frac{1}{2}$ each to V. O. Wade and R. E. Williams. Edging tool for sidewalks and the like. 2,844,084, 7-22-58, Cl. 97-227.
- Greenleaf, Nathaniel B., to Sponge Products Corp. Sponge mop having spring operator. 2,834,974, 5-20-58, Cl. 15-119.
- Greenleaf, Nathaniel B., to Sponge Products Corp. Self-wringing mop construction. 2,864,107, 12-16-58, Cl. 15-119.
- Greenleaf, Walter J. Cutting blade lock. 2,842,233, 7-8-58, Cl. 189-36.
- Greenlee Bros. & Co.: *See—*
Hedderich, William E. 2,865,516.
Herrstrum, Rudolph E. 2,835,128.
Jannenga, Joel A., and Hawkinson. 2,820,376.
Johnson, Wynsel J. 2,819,564.
Swanson, Edwin C. 2,821,877.
- Greenlee, Sylvan O., to S. C. Johnson & Son, Inc. Polyepoxide polyester and phenol-aldehyde compositions and process of making same. 2,847,393, 8-12-58, Cl. 260-44.
- Greenlee, Sylvan O., to S. C. Johnson & Son, Inc. Compositions of polyepoxide polyesters and aromatic sulfonamide-aldehyde condensates and method of making same. 2,847,394, 8-12-58, Cl. 260-45.3.
- Greenlee, Sylvan O., to S. C. Johnson & Son, Inc. Compositions containing polyepoxy-polyesters and aldehyde-amide condensates and method of making same. 2,850,475, 9-2-58, Cl. 260-45.3.
- Greenlee, Sylvan O., to S. C. Johnson & Son, Inc. Compositions of polyamides and polyepoxide polyesters. 2,852,477, 9-16-58, Cl. 260-22.
- Greenlee, Sylvan O., to Devco & Reynolds Co., Inc. Polyethylene polyamine-epoxide compositions. 2,865,886, 12-23-58, Cl. 260-47.
- Greenlee, Sylvan O., to Devco & Reynolds Co., Inc. Amine-epoxide compositions. 2,865,888, 12-23-58, Cl. 260-47.
- Greenly, John A., to Norris Dispensers, Inc. Dispensing machine with coin-operated article pre-selector. 2,850,133, 9-2-58, Cl. 194-10.
- Greenough, Maurice L.: *See—*
Kuder, Milton L., Palasly, Greenough, and Gilford. 2,826,079.
- Greenough, Roger S.: *See—*
Landes, John T., and Greenough. 2,829,772.
- Greenshields, David H.: *See—*
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- Greenslate, Wesley M. Chain saw table. 2,851,067, 9-9-58, Cl. 143-32.
- Greenslit, Charles L., and E. G. Shelor, Jr., to Bendix Aviation Corp. Waveguide switch. 2,832,933, 4-29-58, Cl. 333-7.
- Greenspan, Frank P.: *See—*
Linder, Seymour M., and Greenspan. 2,837,570.
- Greenspan, Frank P., and A. E. Pepe, to Food Machinery and Chemical Corp. Polybutadiene resin. 2,826,556, 3-11-58, Cl. 260-2.
- Greenspan, Frank P., and R. E. Light, Jr., to Food Machinery and Chemical Corp. Epoxy resin. 2,829,130, 4-1-58, Cl. 260-82.1.
- Greenspan, Frank P., and A. E. Pepe, to Food Machinery and Chemical Corp. Oxidized butadiene copolymer resins. 2,829,131, 4-1-58, Cl. 260-85.1.
- Greenspan, Frank P., and R. E. Light, Jr., to Food Machinery and Chemical Corp. Epoxidized polybutadiene resin. 2,829,135, 4-1-58, Cl. 260-94.7.
- Greenspan, Frank P., and R. E. Light, Jr., to Food Machinery and Chemical Corp. Epoxidized hydrocarbon resins. 2,833,747, 5-6-58, Cl. 260-82.
- Greenspan, Frank P., and R. E. Light, Jr., to Food Machinery and Chemical Corp. Polybutadiene polyhydric phenol resin. 2,851,441, 9-9-58, Cl. 260-47.
- Greenspan, Frank P., and R. J. Gall, to Food Machinery and Chemical Corp. Polyvinyl resin compositions plasticized with partially epoxidized fatty acid esters. 2,857,349, 10-21-58, Cl. 260-23.
- Greenspan, Nathan. Photographic enlarging easel. 2,823,581, 2-18-58, Cl. 88-24.
- Greenstein, Leon M.: *See—*
Richman, Seymour I., and Greenstein. 2,827,431.
Richman, Seymour I., and Greenstein. 2,853,450.
- Greenstein, Leon M., to Francis Earle Laboratories, Inc. Nacreous material from glass. 2,863,783, 12-9-58, Cl. 106-148.
- Greenwald, Bertrand W.: *See—*
Kerschner, Paul M., and Greenwald. 2,864,845.
- Greenwald, Bertrand W., to Cities Service Research and Development Co. Fuel composition. 2,843,466, 7-15-58, Cl. 44-70.
- Greenwald, H. Co., Inc.: *See—*
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Greenwald, Harry. 2,856,122.
- Greenwald, Harold A., and W. D. Whitaker, to The Garrett Corp. Thermostatic controls. 2,843,325, 7-15-58, Cl. 236-102.
- Greenwald, Harry, to H. Greenwald Co., Inc. Sequence switch arrangement for cycle timers. 2,831,078, 4-15-58, Cl. 200-37.
- Greenwald, Harry, to H. Greenwald Co., Inc. Theft-prevention coin collecting assembly. 2,856,122, 10-14-58, Cl. 232-15.
- Greenwalt, William E. Process of treating low grade iron ores. 2,829,043, 4-1-58, Cl. 75-40.
- Greenway, Eric A., and J. J. Whiteheart, to Pilkington Brothers Ltd. Gas valves for use in flue between a gas producer and a consuming unit for the gas, e. g. a furnace. 2,856,951, 10-21-58, Cl. 137-251.
- Greenwell, Robert F. Holddown devices for garbage cans and lids. 2,865,590, 12-23-58, Cl. 248-361.
- Greenwood, Dolphice H. Line blind gate valve. 2,820,482, 1-21-58, Cl. 138-94.3.
- Greenwood, Earle, F. C. Holtz, and E. L. Meinders, to Sangamo Electric Co. Remote indicating register for meters. 2,858,982, 11-4-58, Cl. 235-91.
- Greenwood, Henry B. Printer slotter roller adjustment. 2,832,287, 4-29-58, Cl. 101-248.
- Greenwood, Ivan A., Jr.: *See—*
Gray, John W., and Greenwood. 2,823,585.
Hales, Everett B., and Greenwood. 2,832,072.
- Greenwood, James H. Means for reproducing magnetic recordings. 2,830,130, 4-8-58, Cl. 179-100.2.
- Greenwood, Marvin H., and W. C. Francis, Jr., to Anderson, Greenwood & Co. Relief valve with high-pressure seal. 2,820,474, 1-21-58, Cl. 137-536.
- Greenwood, Ruth A.: *See—*
Chao, Tsai H., Lecher, and Greenwood. 2,847,458.
Lecher, Hans Z., and Greenwood. 2,834,804.
- Greer, Alfred L. Internal expansion collets. 2,851,274, 9-9-58, Cl. 279-2.
- Greer, Carl S., Jr. Baseboard heater. 2,823,016, 2-11-58, Cl. 257-133.
- Greer, Cecil B., to Independent Tool Co. Well jar. 2,828,822, 4-1-58, Cl. 166-178.
- Greer, Cecil B., to Independent Tool Co. Well jars. 2,831,110, 9-9-58, Cl. 166-178.
- Greer, Don S., and J. H. Lowe, to Wire Belt Co. of America, Inc. Wire belt. 2,862,602, 12-2-58, Cl. 198-42.
- Greer, Edith S.: *See—*
Gillespie, Russell A. 2,847,727.
Gillespie, Russell A. 2,863,534.
Stalle, George E. 2,842,235.
- Greer, Edward M., to Greer Hydraulics, Inc. Bridge manipulator. 2,822,094, 2-4-58, Cl. 212-127.
- Greer, Edward M., to G. M. E. Corp. Hatch cover assembly. 2,855,035, 10-7-58, Cl. 160-188.
- Greer, Edward M., and P. E. Napolitano, to Greer Hydraulics, Inc. Resistance control valve for fuel injection system. 2,825,396, 3-4-58, Cl. 158-36.
- Greer, Fred W., W. Hill, and L. W. Kinney, to J. W. Greer Co. Breeding machine. 2,855,893, 10-14-58, Cl. 118-16.
- Greer Hydraulics, Inc.: *See—*
Greer, Edward M. 2,822,094.
Greer, Edward M., and Napolitano. 2,825,396.
- Greer, J. W., Co.: *See—*
Greer, Fred W., Hill, and Kinney. 2,855,893.
Hill, Rowland E. 2,824,721.
Patrick, Rowland V. 2,822,932.
- Greer, Warner W. Magnetic fishing tool. 2,834,630, 5-13-58, Cl. 294-65.5.
- Greeson, Claret B., to J. I. Case Co. Disc harrow. 2,840,971, 7-1-58, Cl. 55-73.
- Greeson, Claret B., to J. I. Case, Co. Hose holder for separable fluid connection between vehicles. 2,861,817, 11-25-58, Cl. 280-421.
- Greeson, Claret B., and T. T. Rossebo, to J. I. Case Co. Tractor mounted disk harrow. 2,826,886, 3-18-58, Cl. 55-83.
- Grefe, André, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acieries Electriques d'Ugine. Mixing apparatus. 2,857,156, 10-21-58, Cl. 266-34.
- Gregg, David, to Bendix Aviation Corp. Valve device. 2,820,452, 1-21-58, Cl. 128-1.

- Gregg, Elmer A., and J. E. Reddick, to Northrop Aircraft, Inc. Apparatus facilitating the contouring of honeycomb cores structures. 2,856,672, 10-21-58, Cl. 29-68.
- Gregg, George L.: *See—*
Raring, Richard H., Rienbolt, and Gregg. 2,831,343.
- Gregg, Mahlon H.: *See—*
Decker, Frederick J., and Gregg. 2,825,088.
Decker, Frederick J., and Gregg. 2,851,721.
- Gregor, John R., to Abrasive and Metal Products Co. Abrasive articles and method for making the same. 2,860,960, 11-18-58, Cl. 51-298.
- Gregor, John R., and S. S. Kistler, to Abrasive and Metal Products Co. Method for making abrasive articles. 2,860,961, 11-18-58, Cl. 51-298.
- Gregory, Arthur S.: *See—*
Roberts, James R., and Gregory. 2,832,765.
- Gregory, Benjamin F. Power transmission assembly. 2,821,868, 2-4-58, Cl. 74-701.
- Gregory, Benjamin F. Front wheel hub for front wheel drive and universal joint therefor. 2,822,880, 2-11-58, Cl. 180-48.
- Gregory, Charles E., to Bendix Aviation Corp. Motion storage device. 2,839,031, 6-17-58, Cl. 121-41.
- Gregory, Douglas H., and J. C. A. Kaye, to Coal Industry (Patents) Ltd. Briquetting of coal. 2,824,790, 2-25-58, Cl. 44-19.
- Gregory, Edwin C. Weighing and feeding control system. 2,829,856, 4-8-58, Cl. 249-63.
- Gregory, Francis J. Tennis string or like article. 2,824,485, 2-25-58, Cl. 87-1.
- Gregory, Glenn M. Packing ring. 2,821,420, 1-28-58, Cl. 288-13.
- Gregory, Harry R.: *See—*
Jones, David C. R., and Gregory. 2,860,957.
- Gregory Industries, Inc.: *See—*
Eaton, Hugh M., Jr. 2,864,936.
Haynes, Clyde H. 2,821,618.
Sholle, Roger W., and Enright. 2,826,439.
- Gregory, James T., to The B. F. Goodrich Co. Process of preparing 2-aminothiazoles. 2,863,874, 12-9-58, Cl. 260-306.8.
- Gregory, Thurlow G. Porous and foamy sponglike materials. 2,819,993, 1-14-58, Cl. 154-54.
- Gregory, Thurlow G. Porous and foamy sponglike materials. 2,819,994, 1-14-58, Cl. 154-54.
- Gregory, William. Identification picture assembly for a vehicle identification system. 2,833,072, 5-6-58, Cl. 40-152.1.
- Gregory, William K., J. F. Babbitt, and L. P. Bryant, to Continental Air Filters, Inc. Air and gas filter having automatically controlled movement of filter curtain. 2,848,064, 8-19-58, Cl. 183-62.
- Greider, Bessie: *See—*
Greider, Ray I. 2,855,972.
- Greider, Herbert R.: *See—*
Thauer, Rudolf, Greider, and Corrales. 2,843,120.
- Greider, Ray I., deceased; B. Greider, executrix. Tool for repairing automotive body panels. 2,855,972, 10-14-58, Cl. 153-35.
- Greif Bros. Cooperage Corp., The: *See—*
Harrison, Henry. 2,863,596.
- Greifenstein, Emil R. Piston with ring groove protecting device. 2,851,317, 9-9-58, Cl. 309-14.
- Greig, Arthur and W. Price, to The Hoover Co. Method of making corners of sheet metal articles and article produced thereby. 2,818,994, 1-7-58, Cl. 220-62.
- Greig, Harold G., to Radio Corp. of America. Electrostatic printing. 2,857,272, 10-21-58, Cl. 96-1.
- Greig, James W., to Woodall Industries, Inc. Laminated trim sheet and method of making same. 2,859,795, 11-11-58, Cl. 154-110.
- Greiner, Bruce R., to Radio Corp. of America. Demagnetization system. 2,826,643, 3-11-58, Cl. 179-100.2.
- Greiner, Elbert F. Shrimp treating machine. 2,853,733, 9-30-58, Cl. 17-2.
- Greiner, Harry: *See—*
Moreschi, James. 2,858,679.
- Greiner, John W., and G. A. Fevig, to The Upjohn Co. Countercurrent extraction of steroids. 2,839,544, 6-17-58, Cl. 260-397.25.
- Greis, Howard A., and J. R. Watson. Method of producing patterns for cored castings. 2,834,077, 5-13-58, Cl. 22-194.
- Greisl, Don H.: *See—*
Stephenson, William B., Jr., and Greisl. 2,834,691.
- Greist Mfg. Co., The: *See—*
Baehr, Carl G. 2,825,295.
- Grekel, Howard, and C. S. Goddin, Jr., to Pan American Petroleum Corp. Method for purification of ethanol. 2,826,536, 3-11-58, Cl. 202-40.
- Grekov, Paul. Calendar mechanism. 2,860,435, 11-18-58, Cl. 40-114.
- Grelat, Maurice, J. Koch, P. Sutter, and W. Kern, to Ciba Ltd. Anthraquinone vat dyestuffs. 2,837,523, 6-3-58, Cl. 260-276.
- Grelat, Maurice, and W. Kern, to Ciba Limited. New anthraquinone vat dyestuffs. 2,847,415, 8-12-58, Cl. 260-295.5.
- Grelat, Maurice, W. Fioroni, and W. Kern, to Ciba Ltd. Process for the manufacture of anthraquinone vat dyestuffs. 2,853,492, 9-23-58, Cl. 260-316.
- Gremigni, Giuseppe: *See—*
Marchioli, Giorgio, and Gremigni. 2,865,079.
- Greminger, George K., Jr.: *See—*
Kropscott, Earle L., Greminger, and Weaver. 2,836,505.
Silvernail, Lloyd H., Greminger, and Weaver. 2,836,506.
Sloan, Harold F., Greminger, Windover, and Rodgers. 2,838,384.
Swinehart, Richard W., Greminger, and Weaver. 2,849,328.
Windover, Francis E., Anderson, and Greminger. 2,839,419.
- Greminger, George K., Jr., to The Dow Chemical Co. Hydraulic cement composition for wells. 2,844,480, 7-22-58, Cl. 106-93.
- Greminger, George K., Jr., R. E. Cook, and C. P. Stieve, to The Dow Chemical Co. Process for granulating dibenzoyl resorcinol. 2,831,026, 4-15-58, Cl. 260-591.
- Greminger, George K., Jr., and M. A. Weaver, to The Dow Chemical Co. Thermoplastic compositions of water-soluble cellulose ethers. 2,840,485, 6-24-58, Cl. 106-182.
- Gremmelmaier, Rolf, and H. Welker, to Siemens-Schuckertwerke Akt. Semiconductor devices and method of manufacturing them. 2,847,335, 8-12-58, Cl. 148-1.5.
- Grenell, Leland H., to General Motors Corp. Method of making refrigerating tubing. 2,845,695, 8-5-58, Cl. 29-157.3.
- Grenier, Maurice, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Production of gaseous oxygen under pressure. 2,822,675, 2-11-58, Cl. 62-175.5.
- Greninger, Reed, to Viewlex, Inc. Adapter for projector. 2,826,958, 3-18-58, Cl. 88-26.
- Grenley, Dallas G., and H. J. Townsend, to The Dow Chemical Co. Method for coating polyethylene with haloethylene polymers and composite articles thereby obtained. 2,840,491, 6-24-58, Cl. 117-138.8.
- Grenz, Chris. Head rest. 2,865,434, 12-23-58, Cl. 155-177.
- Grepe, Frederick Y., to The Clark Controller Co. Fuse protective system. 2,843,703, 7-15-58, Cl. 200-114.
- Gres, Marcel E., and E. H. Block, to United States of America, Navy. Quick acting, accurate sensing, variable setting poppet valve. 2,860,662, 11-18-58, Cl. 137-469.
- Gresham, Donald C., to McCorguodale-Gresham, Inc. Photomechanical reproduction. 2,841,492, 7-1-58, Cl. 96-30.
- Gresham, Harold E., M. A. Wheeler, and J. R. Bird, to Rolls-Royce Ltd. Nickel-chromium-molybdenum alloy. 2,840,469, 6-24-58, Cl. 75-171.
- Gresham, Harold E., and D. W. Hall, to Rolls-Royce Ltd. Articles of titanium alloys. 2,842,835, 7-15-58, Cl. 29-159.01.
- Gresham, James T.: *See—*
Sawtell, Richard B., and Gresham. 2,825,912.
- Gresham, William C., and R. H. Ashby, to Mud Control Laboratories, Inc. Automatic well drilling apparatus. 2,842,339, 7-8-58, Cl. 255-19.
- Greshel, Leonard J.: *See—*
Robinson, James M., Greshel, and Lewis. 2,850,583.
- Gretener, Dr. Edgar, A. G.: *See—*
Gretener, Edgar. 2,842,609.
Gretener, Edgar. 2,850,563.
- Gretener, Edgar to Dr. Edgar Gretener A. G. Method for transmission and reproduction of color television images. 2,842,609, 7-8-58, Cl. 178-5.2.
- Gretener, Edgar, to Dr. Edgar Gretener, A. G. Process for the reproduction of images in color. 2,850,563, 9-2-58, Cl. 178-5.2.
- Gretener, Edgar, and C. Rossi, to Ciba Ltd. Photographically sensitive lenticular film. 2,829,051, 4-1-58, Cl. 96-75.
- Grether, Tobias. Variable liquid dispensing meter. 2,824,669, 2-25-58, Cl. 222-67.
- Grettv, Karl E. L., to Lilla Edets Pappersbaks A-B. Machine for winding web rolls. 2,845,231, 7-29-58, Cl. 242-56.
- Greulich, Gerald G. Sheet metal mat for airfields. 2,824,501, 2-25-58, Cl. 94-13.
- Greulich, Gerald G. Sheet metal airfield deck mat. 2,826,970, 3-18-58, Cl. 94-13.
- Greulich, Gerald G. Conveyor system. 2,833,390, 5-6-58, Cl. 198-20.
- Greve, Andrew M. Apparatus for fitting shoes. 2,831,250, 4-22-58, Cl. 33-3.
- Greve, Reinhard C., to North American Philips Co., Inc. Selector comprising a wiper carriage which is driven through a disengageable coupling. 2,857,473, 10-21-58, Cl. 179-27.51.
- Grevich, John J., to Doughboy Industries, Inc. Conveyor chain. 2,862,605, 12-2-58, Cl. 198-162.
- Greville, Ernest G. Bases for operating tables. 2,837,387, 6-3-58, Cl. 311-5.
- Grew, Dolphis G. Cucumber harvesting machine. 2,841,947, 7-8-58, Cl. 56-327.
- Grew, Ferdinand: *See—*
Kuhle, Engelbert, Wegler, and Grew. 2,844,628.
Kuhle, Engelbert, Wegler, and Grew. 2,846,442.
Kuhle, Engelbert, Wegler, and Grew. 2,863,801.
Wegler, Richard, Grew, and Regel. 2,861,913.
- Grew, John: *See—*
Grew, Joseph and John. 2,838,350.
- Grew, John and J. Lathe attachment. 2,845,757, 8-5-58, Cl. 51-259.
- Grew, Joseph: *See—*
Grew, John and J. 2,845,757.

- Grewe, Joseph and John. Tool spindle. 2,838,350, 6-10-58, Cl. 308-189.
- Grey, Charles R., $\frac{1}{2}$ to F. M. Grey and $\frac{1}{2}$ to J. A. Grey. Photographic easel. 2,822,723, 2-11-58, Cl. 88-24.
- Grey, David S.: *See*—
- Bing, Herbert A., Eloranta, Grey, and Maierhofer. 2,866,380.
- Grey, David S., to Polaroid Corp. Devices for viewing binocularly fusible objects such as photographic images. 2,837,967, 6-10-58, Cl. 88-29.
- Grey, Frances M.: *See*—
- Grey, Charles R. 2,822,723.
- Grey, Gordon E. Bale wagon. 2,848,127, 8-19-58, Cl. 214-510.
- Grey, John A.: *See*—
- Grey, Charles R. 2,822,723.
- Grey, John C.: *See*—
- Orford, Roy C., and Grey. 2,850,029.
- Grey, John C., to Power Jets (Research & Development) Ltd. Rotors for fluid flow machines such as turbines. 2,823,008, 2-11-58, Cl. 253-39.15.
- Grey, John C., to Power Jets (Research & Development) Ltd. Support of turbine casings and other structure. 2,828,939, 4-1-58, Cl. 253-39.
- Grey, John C., to Power Jets (Research & Development) Ltd. Gas turbine plant for providing a continuous supply of hot compressed air. 2,859,954, 11-11-58, Cl. 263-19.
- Grey, John C., to Power Jets (Research & Development) Ltd. Control arrangements for rotary machines. 2,866,471, 12-30-58, Cl. 137-28.
- Greyhound Corp. The: *See*—
- Caesar, Orville S., and Stieber. 2,840,258.
- Grib, Boris F., to Philamon Laboratories, Inc. Voltage regulator for A. C. power supplies. 2,847,637, 8-12-58, Cl. 323-22.
- Gribben, Patrick. Flying toy. 2,863,257, 12-9-58, Cl. 46-83.
- Gribble, Dwight L., to Dwight L. Gribble Music Co. Pneumatic action for player piano. 2,836,092, 5-27-58, Cl. 84-25.
- Gribble, Dwight L., Music Co.: *See*—
- Gribble, Dwight L. 2,836,092.
- Gribble, James L. Tank ball controlling guide. 2,845,633, 8-5-58, Cl. 4-57.
- Gribble, Joseph J.: *See*—
- Goudy, Paul R., and Gribble. 2,848,584.
- Gribble, Joseph, Jr.: *See*—
- Goudy, Paul R., Sedgwick, and Gribble. 2,832,873.
- Gribble, Percy G.: *See*—
- Woods, John W., Gribble, and Ward. 2,864,329.
- Gribble, Robert Q.: *See*—
- Meisel, George M., Gribble, and Drinkwater. 2,856,070.
- Gribler, Ludwig A., and W. B. Thompson, to General Motors Corp. Power steering valve with single reaction chamber. 2,824,550, 2-25-58, Cl. 121-46.5.
- Gribnitz, William E., Jr.: *See*—
- Gutridge, Jack E., and Gribnitz. 2,846,172.
- Gutridge, Jack E., and Gribnitz. 2,865,308.
- Grice, Harvey H., and H. M. Burgess, to General Foods Corp. Biscuit making apparatus. 2,837,043, 6-3-58, Cl. 107-8.
- Gridley, Darrin H. Control circuits. 2,849,622, 8-26-58, Cl. 250-205.
- Grieco, Louis. Cigarette package. 2,820,546, 1-21-58, Cl. 206-48.
- Grieger, Thomas H. Icing-condition detecting instrument. 2,846,555, 8-5-58, Cl. 219-19.
- Griem, Paul D., to Owens Brush Co. Container convertible to a toy. 2,823,490, 2-18-58, Cl. 46-11.
- Gries, Otto: *See*—
- Morin, Louis H., and Gries. 2,861,333.
- Griesse, Robert W., and B. A. Rafoth, to American Can Co. Packaging method. 2,854,799, 10-7-58, Cl. 53-32.
- Grieshaber, Emil, and P. S. Shirley, to Nordberg Mfg. Co. Turbo-charged internal combustion engines and methods of starting and operating them. 2,820,339, 1-21-58, Cl. 60-13.
- Griesinger, William K., and J. C. Reid, to The Atlantic Refining Co. Polymerization of normally gaseous olefins. 2,855,447, 10-7-58, Cl. 260-683.15.
- Griesser A. G.: *See*—
- Griesser, Fritz. 2,840,156.
- Griesser, Fritz, to Griesser A. G. Venetian blind. 2,840,156, 6-24-58, Cl. 160-133.
- Griest, Raymond H.: *See*—
- Brower, David F., and Griest. 2,840,643.
- Griest, Raymond H., to Hughes Aircraft Co. Balanced servo valve. 2,843,351, 7-15-58, Cl. 251-120.
- Grieve, Alexander, K. B. Randall, and M. M. Hutchinson, to The British Thomson-Houston Co. Ltd. Ignition and fuel supply system for reaction chambers. 2,858,670, 11-4-58, Cl. 60-39.14.
- Grieve, George P. Door seal. 2,862,263, 12-2-58, Cl. 20-69.
- Grieve, George T. W., to The Okonite Co. Application of sheaths to electric cables. 2,831,245, 4-22-58, Cl. 29-517.
- Grieve, George T. W., to The Okonite Co. Apparatus for applying metal sheaths to electric cables. 2,831,656, 4-22-58, Cl. 254-134.4.
- Griffes, Milton W., and C. W. Merchant, to The Euclid Electric & Mfg. Co. Forced ventilated resistor stack. 2,858,402, 10-28-58, Cl. 201-69.
- Griffin, Claude L., to American Iron & Machine Works Co., Inc. Prestressed shrunk-fitted rotary drill collar and tool joint. 2,825,585, 3-4-58, Cl. 285-115.
- Griffin, Dana A.: *See*—
- Witt, Richard P., and Griffin. 2,864,977.
- Griffin, Donald N., to United States of America, Army. Means for hypergolic flame combat. 2,851,091, 9-9-58, Cl. 158-28.
- Griffin, Francis R., and E. Preston, to Koppers Co., Inc. Charging larry. 2,827,182, 3-18-58, Cl. 214-18.
- Griffin, George C. Window construction. 2,860,390, 11-18-58, Cl. 20-53.
- Griffin, Joseph C. Hitch attachment for a powered vehicle. 2,836,112, 5-27-58, Cl. 97-47.43.
- Griffin, Kearney P.: *See*—
- Davis, Thomas L., Driscoll, and Griffin. 2,835,578.
- Griffin, Kearney P., and W. H. Griggs, to Eastman Kodak Co. Photographic emulsions containing a styrene-butadiene latex and photographic paper made therewith. 2,865,753, 12-23-58, Cl. 96-114.
- Griffin, Leonard H., and J. H. Long, to Shell Development Co. Process for the manufacture of epoxy resins. 2,848,435, 8-19-58, Cl. 260-47.
- Griffin, Nicholas E.: *See*—
- Sullivan, Lawrence J. 2,819,472.
- Sullivan, Lawrence J. 2,855,607.
- Griffin, Raymond L.: *See*—
- Penther, Carl J., Griffin, Miles, and Simpson. 2,865,197.
- Griffin, Roger L., to Swift and Co. Computer device for leather stacker. 2,837,198, 6-3-58, Cl. 198-21.
- Griffin, Roger L., to Swift & Co. Conveyor unloading apparatus. 2,855,089, 10-7-58, Cl. 198-21.
- Griffin, Thomas S., and W. Rodgers, to National Lead Co. Digestion in sulphuric acid of titaniferous ore concentrates containing organic flotation agent. 2,822,241, 2-4-58, Cl. 23-117.
- Griffin Wheel Co.: *See*—
- Strom, Charles F. 2,838,816.
- Strom, Charles F. 2,852,822.
- Sylvester, Edmund Q. 2,819,501.
- Sylvester, Edmund Q. 2,847,739.
- Zickfoose, Ellis J. 2,839,801.
- Griffin, William C.: *See*—
- Parker, Theodore C., and Griffin. 2,822,721.
- Griffis, Jack E., and G. L. Prudhon, to Western Electric Co., Inc. Vacuum tube testing apparatus. 2,852,735, 9-16-58, Cl. 324-20.
- Griffith, Alan A., to Rolls-Royce Ltd. Air intake for aircraft power plant installations. 2,840,322, 6-24-58, Cl. 244-15.
- Griffith, Alan A., to Rolls-Royce Ltd. Aircraft structure. 2,840,325, 6-24-58, Cl. 244-74.
- Griffith, Carroll L., to The Griffith Laboratories, Inc. Meat-perforating apparatus. 2,841,818, 7-8-58, Cl. 17-25.
- Griffith, Charles C. Dewatering sewage slum. 2,824,645, 2-25-58, Cl. 210-66.
- Griffith, Charles G., and T. A. Herbert, Jr., to Rohr Aircraft Corp. Method of machining honeycomb core. 2,855,664, 10-14-58, Cl. 29-424.
- Griffith, Clayton O.: *See*—
- Houdyshele, Harry H., and Griffith. 2,860,455.
- Griffith, Clifford J., and J. P. Carr, to Food Machinery and Chemical Corp. Pump. 2,857,219, 10-21-58, Cl. 309-33.
- Griffith, Edward J., to Monsanto Chemical Co. Method of producing condensed phosphoric acids. 2,839,408, 6-17-58, Cl. 204-103.
- Griffith, George L., Jr., and D. G. Samuel, Jr., to Trojan Powder Co. Blasting explosives. 2,860,041, 11-11-58, Cl. 52-11.
- Griffith, Harvey J., $\frac{1}{10}$ to Gadget-Of-The-Month Club, Inc. Point indicating peg. 2,838,311, 6-10-58, Cl. 273-106.5.
- Griffith, John E. Folding chair-cot. 2,855,025, 10-7-58, Cl. 155-45.
- Griffith, Kenneth F. Apparatus for electrolytic production of a metal product from fused salts. 2,862,863, 12-2-58, Cl. 204-227.
- Griffith Laboratories, Inc. The: *See*—
- Griffith, Carroll L. 2,841,818.
- Hall, Lloyd A., and Gleason. 2,845,358.
- Komarik, Stephan L. 2,854,342.
- Rosner, George J. 2,846,311.
- Rosner, George J. 2,846,315.
- Sair, Louis. 2,823,132.
- Sair, Louis. 2,828,212.
- Sair, Louis. 2,860,995.
- Schnell, Carl. 2,836,825.
- Schnell, Carl. 2,840,318.
- Schnell, Carl. 2,842,177.
- Griffith, Leona E. Vapor cabinet. 2,847,066, 8-12-58, Cl. 128-191.1.
- Griffith, Leonard, to Canadian Chemical Co., Ltd. Electro-pneumatic transducer. 2,844,157, 7-22-58, Cl. 137-82.
- Griffith, Leonard F., to General Controls Co. Multi-positional control valve. 2,858,849, 11-4-58, Cl. 137-620.
- Griffith, Llewellyn B. Aquatic pond. 2,822,329, 2-4-58, Cl. 210-14.
- Griffith, Llewellyn B. Method of forming and maintaining an organic filter. 2,830,947, 4-15-58, Cl. 210-17.
- Griffith, Louis E., to the United States of America as represented by the Secretary of the Navy. Automatic range finding device. 2,830,487, 4-15-58, Cl. 88-1.

- Griffith, Ray R., Jr. Nut gatherer. 2,864,228, 12-16-58, Cl. 56-328.
- Griffith, Richard, W. A. diSalvo, R. Kapp, and L. T. Rosenberg, to Nopco Chemical Co. Process for production of β -alanine. 2,819,303, 1-7-58, Cl. 260-534.
- Griffith, Ronald G. Type carrier for telegraph type printing apparatus. 2,838,156, 6-10-58, Cl. 197-53.
- Griffith, Ronald G. Apparatus for translating electrical signals into mechanical permutation settings. 2,861,125, 11-18-58, Cl. 178-33.
- Griffith, Steward. Means for securing inverted T-shaped members in a metal grid. 2,830,683, 4-15-58, Cl. 189-36.
- Griffith, Thomas R., and D. W. MacGregor, to Howard Smith Paper Mills Ltd. Method of using lignin for introducing water into vulcanizable compositions. 2,857,345, 10-21-58, Cl. 260-17.5.
- Griffith Tool Works, Inc.: See—
Marsh, Luther. 2,846,277.
- Griffiths, George R., to United States Steel Corp. Bar steader for seamless tubing mills. 2,837,945, 6-10-58, Cl. 80-13.
- Griffiths, Rupert, $\frac{1}{2}$ to Gravier Mfg. Co. Ltd., and $\frac{1}{2}$ to Wilkinson Sword Ltd. Temperature detectors. 2,836,692, 5-27-58, Cl. 201-63.
- Griffiths, William A.: See—
Jones, Frederick A., Cooper, Bowen, and Griffiths. 2,836,575.
- Griffiths, James J., to Dade Reagents, Inc. Bag and tube. 2,856,932, 10-21-58, Cl. 128-298.
- Griffo, Joseph B., to General Motors Corp. Border wire interlock for sinuous spring cushion. 2,837,143, 6-3-58, Cl. 155-179.
- Griffolyn Co., Inc.: See—
Lappala, Risto P. 2,851,389.
- Grigger, John C., to Pennsalt Chemicals Corp. Shielding means for effecting uniform plating of lead dioxide in the formation of lead dioxide electrodes. 2,859,166, 11-4-58, Cl. 204-279.
- Grigger, John C., and H. C. Miller, to Pennsalt Chemicals Corp. Method of making low resistance contact with a lead dioxide electrode. 2,824,027, 2-18-58, Cl. 117-212.
- Griggs, Elmer L., to United Air Lines, Inc. Grinding apparatus. 2,831,296, 4-22-58, Cl. 51-90.
- Griggs, William H.: See—
Griffin, Kearney P., and Griggs. 2,865,753.
- Grigsby, Gail G. Screw jack. 2,838,949, 6-17-58, Cl. 74-424.8.
- Grigsby, John D. Garment hanger shield. 2,838,218, 6-10-58, Cl. 223-98.
- Grigsby, Robert H. Tube compressor. 2,832,560, 4-29-58, Cl. 251-9.
- Grillo, Joseph, to Ward Leonard Electric Co. Automatic de-gaussing system. 2,853,040, 9-23-58, Cl. 114-240.
- Grillot, Gerald F., and R. C. Chang, to W. R. Grace & Co. Substituted hydrazines by reaction of dichlorourea with amines. 2,855,435, 10-7-58, Cl. 260-554.
- Grimal, Adolf, to L. J. Kujawa. Clamp. 2,866,243, 12-30-58, Cl. 24-25.
- Grimaud, Edouard: See—
Prette, Marcel, Grimaud, and Alliot. 2,838,587.
- Grime, Alfred J.: See—
Heppenstall, Samuel B., Jr., and Grime. 2,830,842.
- Grimes, Claude E. Apparatus for testing and measuring resistance of driven earth anchors against displacement. 2,826,065, 3-11-58, Cl. 73-141.
- Grimes Mfg. Co.: See—
Laufer, Maurice K., and Hall. 2,846,567.
Roper, John M. 2,824,954.
Roper, John M. 2,855,709.
Roper, John M. 2,855,710.
- Grimes, Warren G. Dirigible extendible and retractable aircraft landing light. 2,859,331, 11-4-58, Cl. 240-77.
- Grimley, Alan E.: See—
McCollough, John D. 2,834,605.
- Grimm, Henry G., Jr. Animated toy. 2,827,735, 3-25-58, Cl. 46-150.
- Grimm, Otto, to Rohm & Haas G. m. b. H. Enzymatic un-hairing and dewooling process. 2,857,316, 10-21-58, Cl. 195-6.
- Grimm, Otto, to Rohm & Haas G. m. b. H. Treatment of skins and hides. 2,857,317, 10-21-58, Cl. 195-6.
- Grimm, Ralph E., to Vitro Corp. of America. Photographic flash unit. 2,856,562, 10-14-58, Cl. 315-135.
- Grimme, Walter, and H. Emde, to Rheinpreussen Aktiengesellschaft fuer bergbau und Chemie. Allophanates of α -ethynylcarbinols. 2,822,379, 2-4-58, Cl. 260-482.
- Grimmer, Paul D. Slide rule demonstrator for overhead projector. 2,841,888, 7-8-58, Cl. 35-39.
- Grimmond, Robert: See—
Ridder, Desmond S., and Grimmond. 2,825,890.
- Grimso, Olaf E. Seed planter. 2,855,125, 10-7-58, Cl. 221-266.
- Grimshaw, Charles S., to General Electric Co. Sighting mechanism. 2,859,526, 11-11-58, Cl. 33-49.
- Grimshaw, Daniel E.: See—
Cullum, Marvin S. 2,825,207.
- Grinage, Claude M., to The Bullard Co. Grinding machine. 2,840,956, 7-1-58, Cl. 51-50.
- Grinage, Claude M., to The Ballard Co. Machine tool controller. 2,859,290, 11-4-58, Cl. 200-18.
- Grinde, George H. Head bolt heater. 2,834,864, 5-13-58, Cl. 219-38.
- Grineff, George G. Self-supporting lens holders. 2,850,943, 9-9-58, Cl. 88-39.
- Griner, Clarence O., to United States Register Co. Air outlet register. 2,834,281, 5-13-58, Cl. 98-108.
- Gring, John L.: See—
Teter, John W., Gring, Hettinger, and Keith. 2,830,090.
Teter, John W., Gring, and Keith. 2,838,375.
Teter, John W., Gring, and Keith. 2,838,444.
Teter, John W., Keith, and Gring. 2,838,445.
- Grinnell Corp.: See—
Boteler, Henry W. 2,853,270.
Boteler, Henry W. 2,855,176.
Boteler, Henry W. 2,863,631.
Hibbard, Robert L. 2,847,711.
- Grinnell, George G. Sheet binder. 2,850,927, 9-9-58, Cl. 77-63.
- Grinnell, William G., and H. L. Dormann, to Supreme Foundry, Inc. Boat steering controls. 2,826,090, 3-11-58, Cl. 74-493.
- Grinnen, Kenneth: See—
Nava, John O., Jr., Buffone, and Grinnen. 2,826,867.
- Grinspoon, Harold. Holder for cups, cans, and similar articles. 2,840,233, 6-24-58, Cl. 206-65.
- Grinstead, Robert R., to United States of America, Atomic Energy Commission. Process for utilizing organic orthophosphate extractants. 2,860,031, 11-11-58, Cl. 23-14.5.
- Grip, Erik K., and L. G. Hellstrom, to Aktiebolaget Åtvidaberg-Facit. Reciprocal computing mechanism. 2,822,981, 2-11-58, Cl. 235-63.
- Gripekoven, Henry A., to VISIrecord, Inc. Posting device. 2,834,612, 5-13-58, Cl. 282-29.
- Gripp, Vincent E.: See—
Boni, Frank, Jr., Gardner, and Otten. 2,853,277.
Bruegger, Ernest. 2,857,661.
Bruegger, Ernest, and Otten. 2,864,404.
Hesler, Harold P. 2,853,278.
Jorgensen, Jorgen A. 2,855,307.
Otten, Phillip S., and Bosley. 2,833,526.
Ris, Kenneth B. 2,827,267.
Waterman, William J., and Gripp. 2,831,803.
- Grisdale, Richard O., and J. H. Rowen, to Bell Telephone Laboratories, Inc. Mechanically coupled electromechanical and magnetomechanical transducers. 2,834,943, 5-13-58, Cl. 332-51.
- Grisel, Yvan V. Lipstick holder and refill. 2,858,015, 10-28-58, Cl. 206-56.
- Griset, Ernest J., Jr., to American Enka Corp. Tube spinning. 2,820,279, 1-21-58, Cl. 28-22.
- Griset, Ernest J., Jr., to American Enka Corp. Method and apparatus for bulk yarn. 2,829,420, 4-8-58, Cl. 28-1.
- Griset, Ernest J., Jr., to American Enka Corp. Threading-in parallel ends. 2,844,859, 7-29-58, Cl. 28-22.
- Griset, Guy W. Device for setting up molds for the construction of concrete steps. 2,824,355, 2-25-58, Cl. 25-118.
- Grishin, Peter F., to T. M. M. (Research) Ltd. Rings of textile ring spinning, doubling and twisting machines. 2,857,732, 10-28-58, Cl. 57-119.
- Grissinger, George G., J. Sandin, and T. Lindstrom, to Westinghouse Electric Corp. Electromagnetic trip circuit interrupters. 2,824,925, 2-25-58, Cl. 200-109.
- Griswold, Charles J., Jr.: See—
Cockburn, Stanley D., and Griswold. 2,864,639.
- Griswold, Charles J., Jr., and H. E. Van Voorhees, to General Motors Corp. Door latch and control means. 2,822,203, 2-4-58, Cl. 292-144.
- Griswold, David E., to D. G. Griswold. Liquid flow control means for refueling apparatus and the like. 2,837,241, 6-3-58, Cl. 222-52.
- Griswold, David E., to D. G. Griswold. Pilot valve construction. 2,844,167, 7-22-58, Cl. 137-624.
- Griswold, Donald G.: See—
Griswold, David E. 2,837,241.
Griswold, David E. 2,844,167.
- Griswold, Donald G. Aviation fueling hydrant valve. 2,836,207, 5-27-58, Cl. 141-846.
- Griswold, Donald G. Pilot valve. 2,845,947, 8-5-58, Cl. 137-624.
- Griswold, Frederick D., to Lambert Brake Corp. Combined wheel and disc brake assembly and actuator means therefor. 2,854,098, 9-30-58, Cl. 188-72.
- Griswold, Frederick D., to Lambert Brake Corp. Combined wheel and disc brake assembly and actuator means therefor. 2,858,912, 11-4-58, Cl. 188-196.
- Griswold, Hector W., to Chicopee Mfg. Corp. Stabilized loosely woven gauze fabric. 2,860,068, 11-11-58, Cl. 117-38.
- Griswold, Malcolm R. Magnetic compasses. 2,855,696, 10-14-58, Cl. 33-224.
- Griswold, Owen H., to the United States of America as represented by the Secretary of the Air Force. Ball and tube type seal. 2,828,148, 3-25-58, Cl. 286-16.
- Griswold, Richard H., and N. P. Randall, to The Texas Co. Method of applying filter coatings. 2,853,330, 10-7-58, Cl. 117-99.
- Griswold, Roger C. Folding tool for braiding. 2,862,704, 12-2-58, Cl. 270-86.
- Griswold, Stanley M., to B. B. Chemical Co. Ribbed insoles for welt shoes. 2,863,228, 12-9-58, Cl. 36-22.
- Griswold, Walter R., to A. O. Smith Corp. Apparatus for welding. 2,827,548, 3-18-58, Cl. 219-125.

- Griswold, Walter R., to A. O. Smith Corp. Interlock between tool and work index. 2,856,801, 10-21-58, Cl. 78-46.
- Griswold, Walter R., to A. O. Smith Corp. Indexing of objects. 2,857,034, 10-21-58, Cl. 198-19.
- Groat, Francis P., to Bigelow-Sanford Carpet Co., Inc. Method and apparatus for weaving loop pile fabrics. 2,856,277, 5-20-58, Cl. 139-38.
- Grob, Cyril A., and E. Renk, to Ciba Pharmaceutical Products Inc. Process for the manufacture of quinuclidine carboxylic acid. 2,838,517, 6-10-58, Cl. 260-294.
- Grober, Johann C.: *See—*
- Pleuger, Friedrich W., and Grober. 2,818,818.
- Grobey, Paul A., to Bryant Chucking Grinder Co. Bearing structure. 2,819,127, 1-7-58, Cl. 308-183.
- Grobey, Paul A., and J. M. Cargill, to Ex-Cell-O Corp. Gage element fastening means. 2,856,693, 10-21-58, Cl. 33-143.
- Grocery Store Products Co.: *See—*
- Fleming, Raymond E., Harris, and Mead. 2,858,865.
- Grochmal, Richard S. Expandable trailers. 2,820,666, 1-21-58, Cl. 296-23.
- Grochmal, Richard S. Zipper seal for expandable house trailer. 2,850,320, 9-2-58, Cl. 296-23.
- Grodem, Thomas E. Article of child's furniture. 2,855,983, 10-14-58, Cl. 155-123.
- Grodzki, Merle A. Knee joint for artificial limb. 2,822,550, 2-11-58, Cl. 3-22.
- Groen, William, to Bendix Aviation Corp. Hydraulic seal. Re. 24,440, 3-4-58, Cl. 286-26.
- Groen, Willem, to Onsrud Machine Works, Inc. Dash-pot. 2,836,264, 5-27-58, Cl. 188-96.
- Groendijk, Hendrik: *See—*
- Jonker, Johan L. H., and Groendijk. 2,864,026.
- Groendijk, Hendrik, to North American Philips Co., Inc. Device for measuring very low gas pressures. 2,829,337, 4-1-58, Cl. 324-33.
- Groendyk, James G., and W. Geisler, to Wilbro Corp. Containers. 2,828,759, 4-1-58, Cl. 150-05.
- Groendyk, James G., and W. Geisler, to Wilbro Corp. Bottle caps. 2,831,616, 4-22-58, Cl. 222-394.
- Groener, George E., to General Motors Corp. Pneumatic gauging device. 2,852,849, 9-23-58, Cl. 33-172.
- Groener, George E., and G. R. Squibb, to General Motors Corp. Welding equipment. 2,845,525, 7-29-58, Cl. 219-130.
- Groenweghe, Leo C. D.: *See—*
- Francis, William C., Turbett, and Groenweghe. 2,838,410.
- Groeper, Lawrence H. Paper folding machine. 2,854,233, 9-30-58, Cl. 270-79.
- Groezeinger, Hans R., to Daimler-Benz Aktiengesellschaft. Idling-speed control arrangement for internal combustion engines. 2,821,184, 1-28-58, Cl. 123-140.
- Groezeinger, Hans R., to Daimler-Benz Akt. Regulating mechanism for injection-type internal combustion engines. 2,865,556, 12-23-58, Cl. 123-130.
- Groff, Frazier: *See—*
- Porter, Peter B., and Groff. 2,830,962.
- Groff, James C., to Manheim Mfg. and Belting Co. Drive belt. 2,848,901, 8-26-58, Cl. 74-233.
- Grogan, John E., to The Fuller Brush Co. Cylindrical brush. 2,825,081, 3-4-58, Cl. 15-182.
- Grogg, William, Jr., to The Quaker Oats Co. Waffle transfer mechanism. 2,823,786, 2-18-58, Cl. 198-20.
- Grogg, William, Jr., and M. P. Wineberg, to The Quaker Oats Co. Electrode for electrostatic separation. 2,860,276, 11-11-58, Cl. 313-351.
- Groh, Henry, to Grotton Products, Ltd. Display card. 2,835,059, 5-20-58, Cl. 40-124.1.
- Groh, Richard E., and J. C. May. Temporary thread protector. 2,824,579, 2-25-58, Cl. 138-96.
- Grohe, Lester R., to Research Corp. Gyroscopic apparatus. 2,855,782, 10-14-58, Cl. 74-5.4.
- Grohmann, August: *See—*
- Müller, Ernst, and Grohmann. 2,836,295.
- Grohowski, Edward J.: *See—*
- Bellinger, Floyd E. 2,849,899.
- Grohowski, Michael: *See—*
- Bellinger, Floyd E. 2,849,899.
- Grohs, Felix: *See—*
- Cuscolella, Otwin, Grohs, Rösner, and Kühnelt. 2,851,351.
- Grohskopf, Elmer F. Side-opening lamp shade. 2,834,875, 5-13-58, Cl. 240-108.
- Groll, Alvin F. Device for holding coils of strip metal. 2,838,165, 6-10-58, Cl. 198-221.
- Groll, Manfred: *See—*
- Bienert, Berthold, Baumann, and Groll. 2,843,599.
- Groll, Thomas F., Jr.: *See—*
- Leonard, Francis J., De Castro, and Groll. 2,843,551.
- Groman, Anatol. Drafting apparatus. 2,833,042, 5-6-58, Cl. 33-77.
- Groms, Karl G. A., and K. B. Ludvigson. Bridge supporting structure. 2,855,617, 10-14-58, Cl. 14-13.
- Grönberg, Anton B. Straw cutter for combines. 2,862,536, 12-2-58, Cl. 146-117.
- Grondin, George F., to Collins Radio Co. Code converter. 2,833,858, 5-6-58, Cl. 178-70.
- Gronegress, Hans W., to Firma Paul Ferd. Peddinghaus. Process and device for surface hardening of gear wheels. 2,829,997, 4-8-58, Cl. 148-21.56.
- Gronemeyer, Erich, to K. Huber. High temperature adhesive tape. 2,854,352, 9-30-58, Cl. 117-44.
- Gronemeyer, George E., to Mirror Insulation Co., Inc. Thermal insulation. 2,841,203, 7-1-58, Cl. 154-45.
- Groner, Miriam G., to Philco Corp. Composition for applying organic film to phosphor layer. 2,860,063, 11-11-58, Cl. 106-185.
- Gronich, Claire K.: *See—*
- Bilanin, Frank, and Gronich. 2,834,053.
- Gronich, Harry E.: *See—*
- Bilanin, Frank, and Gronich. 2,834,053.
- Gronner, Alfred D.: *See—*
- Anderson, Wilmer C., and Gronner. 2,853,878.
- Grontkowski, Michael J. Bow tie. 2,849,721, 9-2-58, Cl. 2-151.
- Groom, Jack L.: *See—*
- Hoeltje, Hubert H., and Groom. 2,824,461.
- Groom, Robert G., to Burroughs Corp. Tape transport apparatus. 2,856,464, 10-14-58, Cl. 179-100.2.
- Groome, Thomas E. Article of furniture. 2,834,404, 5-13-58, Cl. 155-194.
- Groos, Horst H.: *See—*
- Zandel, Adam A., and Groos. 2,853,590.
- Grootveld, Richard L., 40% to J. Dylong and 30% to L. R. Dmowski. Underwater vehicle or sled. 2,843,860, 7-22-58, Cl. 9-21.
- Groov-Pin Corp.: *See—*
- Retterath, Valentin. 2,865,238.
- Gros, Hermann: *See—*
- Meyer, Gustav, Gros and Kopf. 2,842,975.
- Grosbois, Lucien, to Societe Nouvelle des Anciens Etablissements F. Wenger. Bottle filling devices. 2,822,830, 2-11-58, Cl. 141-59.
- Groschoff, Ernst: *See—*
- Heindel, Harold J., Groschoff, and Joss. 2,837,741.
- Grose, John E. Drip coffee maker. 2,863,376, 12-9-58, Cl. 99-316.
- Groseclose, Levi O., to various assignees. Railway rail structures. 2,822,137, 2-4-58, Cl. 238-231.
- Grosholz, James K., to Air-Shields, Inc. Gas operated drive for rocking bed. 2,855,921, 10-14-58, Cl. 128-28.
- Gross, Arthur R. Control mechanism. 2,822,698, 2-11-58, Cl. 74-161.
- Gross, Arthur R. Totalizer switch. 2,823,273, 2-11-58, Cl. 200-16.
- Gross, Arthur R. Change-making mechanism. 2,848,003, 8-19-58, Cl. 133-2.
- Gross, Calvin W. Portable skid type conveyor. 2,823,780, 2-18-58, Cl. 193-41.
- Gross, Charles H., to General Electric Co. Fuel injector nozzle. 2,857,204, 10-21-58, Cl. 299-104.
- Gross, Charles J., to United Shoe Machinery Corp. Machines for feeding belted axial lead components to unbelling, straightening, trimming and ejecting stations. 2,854,054, 9-30-58, Cl. 153-39.
- Gross, Charles J., H. B. Kimball, W. H. Farley, and H. W. Bishop, to United Shoe Machinery Corp. Automatic guns. 2,821,887, 2-4-58, Cl. 89-33.
- Gross, Edward H. Sound-absorbent structure. 2,855,039, 10-7-58, Cl. 160-236.
- Gross, Frank C., to Package Machinery Co. Method of and apparatus for making a carton. 2,846,930, 8-12-58, Cl. 93-51.
- Gross, Frank C., to Package Machinery Co. Article orienting and conveying mechanisms. 2,847,108, 8-12-58, Cl. 198-33.
- Gross, Frank C., and J. F. Dion, to Package Machinery Co. Blank feeder. 2,827,287, 3-18-58, Cl. 271-11.
- Gross, Howard H.: *See—*
- Kiersted, Wynkoop, Jr., and Gross. 2,851,395.
- Gross, Israel. Lifting equipment for jack operation. 2,852,229, 9-16-58, Cl. 254-134.
- Gross, J. Arthur: *See—*
- Shafer, Julius E. 2,823,936.
- Gross, Jack: *See—*
- Pitt-Rivers, Rosalind, and Gross. 2,823,164.
- Gross, Julian E., to the United States of America as represented by the United States Atomic Energy Commission. Time-interval measuring device. 2,831,162, 4-15-58, Cl. 324-68.
- Gross, Kenneth H.: *See—*
- Andrews, Albert. 2,852,001.
- Gross, Lothar. Multiple water pipe connecting device. 2,837,749, 6-10-58, Cl. 4-159.
- Gross, Louis, to Adolph Gottscho, Inc. Marking apparatus. 2,834,287, 5-13-58, Cl. 101-35.
- Gross, Louis, to Adolph Gottscho, Inc. Marking devices. 2,834,288, 5-13-58, Cl. 101-35.
- Gross, Martin R., and W. G. Schreitz. Automatic amplitude controller for vibration fatigue machine. 2,828,622, 4-1-58, Cl. 73-67.3.
- Gross, Peter F.: *See—*
- Stryker, Harvey I., Williamson, and Gross. 2,833,782.
- Gross, Reinhold, to United States of America, Air Force. Automatic parachute release. 2,831,721, 4-22-58, Cl. 294-83.
- Gross, Reinhold. (Semi) automatic parachute detach device. 2,863,694, 12-9-58, Cl. 294-83.
- Gross, Simon: *See—*
- Cooper, John R. 2,834,873.
- Gross, Thomas A. O., to Raytheon Mfg. Co. Power supply. 2,836,784, 5-27-58, Cl. 321-16.

- Gross, William D., to Red Lion Cabinet Co. Machine for forming threads within a metallic tube by swaging. 2,862,215, 12-2-58, Cl. 10-153.
- Gross, William E., to the United States of America as represented by the Secretary of the Army. Gas mask canisters. 2,825,424, 3-4-58, Cl. 183-4.3.
- Gross, William J.: *See*—
Blackford, Benjamin B., and Gross. 2,862,846.
- Gross, William P., to the United States of America as represented by the Secretary of the Army. Aerial sown grenade. 2,826,990, 3-18-58, Cl. 102-8.
- Grossberg, Ned M.: *See*—
Brandler, Morris D., and Wery. 2,853,814.
- Grosse, Aristid V., and E. A. Nodiff. Hydrocarbon conversion processes with recovery of fluorine containing gases. 2,863,824, 12-9-58, Cl. 208-115.
- Grosse, Willy, to Olympia Werke Aktiengesellschaft. Type control apparatus for business machines and the like. 2,821,909, 2-4-58, Cl. 101-93.
- Grosselinger, Frederick B.: *See*—
Fineran, James A., Jr., and Grosselinger. 2,861,943.
- Grosselinger, Robert A., and J. J. Schoch, to Grovar, Inc. Helicopter power plant system. 2,861,638, 11-25-58, Cl. 170-135.73.
- Grosselinger, Robert A., and J. J. Schoch, to Grovar, Inc. Aircraft power plant system. 2,861,639, 11-25-58, Cl. 170-135.74.
- Grosser, Frederick, to General Aniline & Film Corp. Polymerization of N-vinylactams. 2,856,338, 10-14-58, Cl. 204-158.
- Grossfeld, Aaron M. Wiping implement with clamping plates. 2,852,798, 9-23-58, Cl. 15-245.
- Grossi, Carlo. Animal trap. 2,845,745, 8-5-58, Cl. 43-76.
- Grossi, Frank X., to Union Starch & Refining Co. Colored food product and method of making the same. 2,841,499, 7-1-58, Cl. 99-148.
- Grosskinsky, Otto, and B. Jüttner. Process of producing and purifying benzene carboxylic acid. 2,819,300, 1-7-58, Cl. 260-515.
- Grosskinsky, Otto, E. Thürauf, W. Klempt, and H. Umbach. Recovery of solid guanidine carbonate. 2,826,613, 3-11-58, Cl. 260-564.
- Grosskinsky, Otto, H. Frubhuss, and W. Klempt. Process for removing hydrocyanic acid, hydrogen sulfide and ammonia from gases. 2,837,398, 6-3-58, Cl. 23-2.
- Grosskopf, Bruno C., to Ateliers des Charmilles S. A. Fluid coupling devices. 2,851,858, 9-16-58, Cl. 60-54.
- Grosskopf, Karl, to Dr. O. H. Drager. Detecting impurities in gases. 2,862,859, 12-2-58, Cl. 204-1.
- Grossman, Darwin B. Flush sliding doors and hardware therefor. 2,819,498, 1-14-58, Cl. 20-19.
- Grossman, Darwin B. Sliding doors and hardware therefor. 2,860,387, 11-18-58, Cl. 20-19.
- Grossman, Harold. Shower door enclosure structure. Re. 24,508, 7-29-58, Cl. 189-46.
- Grossman, Milton H. Moving picture screen. 2,828,667, 4-1-58, Cl. 88-28.9.
- Grossman, Morris: *See*—
Tandler, William S., and Grossman. 2,835,042.
Tandler, William S., Grossman, and Tourin. 2,844,032.
Tandler, William S., Grossman, and Tourin. 2,844,033.
Tandler, William S., Grossman, and Tourin. 2,844,730.
- Grossmann, Hans S.: *See*—
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Stern, Kurt G. 2,842,577.
- Grossmann, Martin: *See*—
Steinhoff, Eduard, and Grossmann. 2,836,638.
- Grossmann, Paul, to Ciba Ltd. Monohydroxy- β -acylamino-anthraquinones. 2,819,274, 1-7-58, Cl. 260-377.
- Grossmann, Paul, to Ciba Ltd. Polyhydroxy- β -acylamino-anthraquinones. 2,819,288, 1-7-58, Cl. 260-377.
- Grossmann, Paul, to Matériel Industriel S. A., and Constructions Mécaniques S. A. Devices for measuring the horizontal coordinates of a railway track. 2,859,528, 11-11-58, Cl. 33-144.
- Grossmann, Paul, W. Jenny, and W. Kern, to Ciba Ltd. Process for the manufacture of new anthraquinone compounds. 2,819,275, 1-7-58, Cl. 260-380.
- Grossmann, Samuel W.: *See*—
Dewling, William L. E., and Grossmann. 2,848,493.
- Grosso, Annette. Cosmetic kit. 2,851,041, 9-9-58, Cl. 132-82.
- Grossu, Mircea A., to Lombard Corp. Roller apparatus for opening and flattening tubular stock. 2,827,944, 3-25-58, Cl. 153-54.
- Grostick, Norman L., to The Bin-Dicator Co. Bin level indicator. 2,851,553, 9-9-58, Cl. 200-61.21.
- Grosvenor Gardens Branch of the trustee department of the Westminster Bank Ltd.: *See*—
Randall, Jack H. P. 2,860,781.
- Grosvenor, William M.: *See*—
Brown, Arthur J., Osgood, and Grosvenor. 2,864,303.
- Groszós, Stephen J., to American Cyanamid Co. Method of preparing B-hydrocarbon-substituted boron compounds. 2,862,952, 12-2-58, Cl. 260-462.
- Grote, Hugo, to Damag-Zug G. m. b. H. Brake with resilient friction disc. 2,850,124, 9-2-58, Cl. 188-251.
- Groth, Edward J. Jr., to Universal Match Corp. Totalizer. 2,833,469, 5-6-58, Cl. 235-61.
- Groth, Fred A. Machine for draw or drape plastic molding. 2,832,094, 4-29-58, Cl. 18-19.
- Groth, Fred A., to Skin-Pack, Inc. Packaging process. 2,855,735, 10-14-58, Cl. 53-22.
- Grotne Machine Works, Inc.: *See*—
Stearns, Charles M., Jr. 2,822,774.
- Groton Products, Ltd.: *See*—
Groh, Henry. 2,835,059.
- Gröttrup, Helmut, to International Standard Electric Corp. Sensing arrangement for stored information concerning positioning of a mechanical element. 2,820,216, 1-14-58, Cl. 340-174.
- Grotz, Leonard C., and F. C. Gundersen, to The Glidden Co. Polyester-monomer solutions catalyzed with aralkylene oxides and process for making same. 2,839,490, 6-17-58, Cl. 260-45.4.
- Groulx, Paul E. Key holder. 2,863,312, 12-9-58, Cl. 70-456.
- Grouse, Richard A.: *See*—
Robinson, Frederick C., and Grouse. 2,861,231.
- Grout, John A. M.: *See*—
Taylor, John A. H., and Grout. 2,860,028.
- Grout, John A. M., and G. P. Cooke, to George Kent Ltd. Control apparatus. 2,832,200, 4-29-58, Cl. 60-97.
- Grout, Russell A.: *See*—
Fox, Robert M., and Grout. 2,828,157.
- Grovar, Inc.: *See*—
Grosselinger, Robert A., and Schoch. 2,861,638.
Grosselinger, Robert A., and Schoch. 2,861,639.
- Grove, Donald E., and C. F. Manauagh. Self-propelled traverse for mechanical car parking systems. 2,840,248, 6-24-58, Cl. 214-16.1.
- Grove, Herbert D., Jr.: *See*—
Cinque, Jack J., Grove, Hoot, and Jarboe. 2,822,400.
Hoot, William F., Jarboe, and Grove. 2,822,401.
- Grove, Robert K., to Studebaker-Packard Corp. Angle mounted tip engine for aircraft sustaining rotor. 2,843,210, 7-15-58, Cl. 170-135.4.
- Grove Valve and Regulator Co.: *See*—
Bryant, Austin U. 2,851,264.
- Grovemiller, Dale A., and J. L. Elam, to General Electric Co. Base for adjustable double-ended directional lamp. 2,864,067, 12-9-58, Cl. 339-2.
- Grover, Charles F., and R. L. Werner, to R. D. Werner Co. Inc. Adjustable connector for scaffolds. 2,850,309, 9-2-58, Cl. 287-62.
- Grover, Donald P., to the United States of America as represented by the Secretary of the Army. Link ejection system. 2,826,962, 3-18-58, Cl. 89-33.
- Grover, Philip D., to Anderson Controls, Inc. Stressed blade snap switch. 2,861,143, 11-18-58, Cl. 200-67.
- Grover, Raymond B. Apparatus for precision contouring. 2,819,639, 1-14-58, Cl. 82-14.
- Grover, Robert R., to Kingsbury Machine Tool Corp. Multiple indexing machine tool. 2,821,870, 2-4-58, Cl. 74-820.
- Grover, Robert R., to Kingsbury Machine Tool Corp. Multiple indexing machine tool with program system. 2,842,985, 7-15-58, Cl. 77-26.
- Grover, Ross D., and A. C. Sampietro, to Bank of America National Trust and Savings Association. Power actuated brake operating mechanism. 2,860,735, 11-18-58, Cl. 188-106.
- Groves, Earl C., deceased; E. L. Monroe, administrator of E. C. Groves. Boring machine. 2,824,470, 2-25-58, Cl. 77-5.
- Groves, James D.: *See*—
Evans, Arthur W., and Groves. 2,855,273.
- Groves, James H., to American Can Co. Polyamide resin composition and method of preparing same. 2,840,264, 6-24-58, Cl. 220-81.
- Groves, James H., and G. G. Wilson; said Wilson assor. to General Mills, Inc. Resinous polyamide composition and process of preparing the same. 2,839,219, 6-17-58, Cl. 220-81.
- Groves, Walter R., to British Industrial Plastics Ltd. Loading devices for moulding presses. 2,866,561, 12-30-58, Cl. 214-1.
- Grovesteen, Floyd E. Paint container holding device. 2,846,173, 8-5-58, Cl. 248-210.
- Growall, William H. Tripod. 2,854,204, 9-30-58, Cl. 248-171.
- Growney, James N.: *See*—
Barnard, Kenneth H., and Growney. 2,819,179.
- Grubb, Norval T.: *See*—
Davis, Jefferson J., McNeil, and Grubb. 2,846,790.
- Grubb, Norval T., to Electric Steel Foundry Co. Digger point and locking mechanism therefor. 2,852,874, 9-23-58, Cl. 37-142.
- Grubb, Robert J., and L. E. Sentz, Jr., to American Cyanamid Co. Equipment for the accurate metering, proportional blending, thorough mixing and dispensing of multi-component resin mixtures. 2,863,649, 12-9-58, Cl. 259-9.
- Grubb, Thomas C.: *See*—
Dick, Lester C., and Grubb. 2,828,243.
- Grubb, Willard T., Jr., to General Electric Co. Primary cell. 2,861,116, 11-18-58, Cl. 136-106.
- Grube, Clarence G. Basket barrow. 2,850,289, 9-2-58, Cl. 280-47.23.
- Grube, Clarence G. Christmas tree holder. 2,854,203, 9-30-58, Cl. 248-48.
- Grube, Fred J.: *See*—
Meckstroth, Carl R., Grube, and Demchok. 2,841,189.

- Grube, Frederick J., and J. H. Hollopetre, to General Electric Co. Shield forming and mounting method and apparatus. 2,840,886, 7-1-58, Cl. 29—25.13.
- Grube, Hans L., to W. C. Heraeus, G. m. b. H. Device for the automatic re-lighting of gas burners. 2,855,770, 10-14-58, Cl. 67—19.
- Grubelic, Nicholas. Fluid measuring device. 2,844,875, 7-29-58, Cl. 33—126.7.
- Grubelic, Nicholas. Paint measuring devices. 2,851,780, 9-16-58, Cl. 33—126.7.
- Gruber, Arnold H., and W. J. van Loo, Jr., to American Cyanamid Co. Treatment of materials to impart antistatic properties and products. 2,835,517, 5-27-58, Cl. 117—138.8.
- Gruber, Clarence R.: See—
- Leitner, Gordon F., Gruber, and Wilson. 2,832,131.
- Gruber, Francis E., to Brown & Bigelow. Liquefied petroleum gas lighter. 2,827,782, 3-25-58, Cl. 67—7.1.
- Gruber, Heinrich, to Riedel-de Haen Akt. Intravenous ultra-short-acting anesthetic composition. 2,839,447, 6-17-58, Cl. 167—52.
- Gruber, Heinz H. Dispensing device for collapsible tubes. 2,841,310, 7-1-58, Cl. 222—103.
- Gruber, Helmut, to W. C. Heraeus G. m. b. H. Heat-conduction manometers. 2,865,203, 12-23-58, Cl. 73—399.
- Gruber, Herbert, to Koppers Co., Inc. High pressure gas producers. 2,823,103, 2-11-58, Cl. 48—63.
- Gruber, Joseph J., to Fenestra Inc. Metal wall panels. 2,847,099, 8-12-58, Cl. 189—34.
- Gruber, Leonard J., and M. S. Fessenden, to The Central Carton Co. Carton for attachment to a container. 2,844,245, 7-22-58, Cl. 206—47.
- Gruber, Leslie G. Double-action closure latch for divided lid caskets. 2,821,770, 2-4-58, Cl. 27—17.
- Gruber, Wilhelm, to Otto G. Stahlgruber & Co. Vulcanizing apparatus for repairing vehicle tires. 2,852,810, 9-23-58, Cl. 18—18.
- Gruber, Wilhelm, to Stahlgruber, Otto Gruber & Co. Repair patch for rubber and rubberized articles. 2,855,014, 10-7-58, Cl. 152—367.
- Grudin, Daniel. Shock absorber. 2,832,586, 4-29-58, Cl. 267—1.
- Gruelich, Gerald G. Apparatus for punching corrugated metal plates. 2,843,203, 7-15-58, Cl. 164—90.
- Gruen, Wolf J., to General Electric Co. Automatic frequency control system. 2,828,419, 3-25-58, Cl. 250—36.
- Gruen, Wolf J., to General Electric Co. Hunting AFC system. 2,833,923, 5-6-58, Cl. 250—36.
- Gruen, Wolf J., to General Electric Co. Signal separation circuit. 2,837,595, 6-3-58, Cl. 178—5.4.
- Gruen, Wolf J., to General Electric Co. Amplifier for automatic gain control voltage. 2,848,562, 8-19-58, Cl. 179—171.
- Gruen, Wolf J., and R. F. Foster, to General Electric Co. Automatic gain control of keyed automatic gain control amplifier. 2,825,756, 3-4-58, Cl. 178—7.3.
- Gruendler Crusher and Pulverizer Co.: See—
- Freeman, Leo. 2,825,935.
- Smiley, Lloyd D. 2,847,168.
- Gruenwald, Siegfried. Automatic matrix retaining and clamping device. 2,853,782, 9-30-58, Cl. 32—63.
- Gruenwald, Siegfried. Dental instrument and method of preparing teeth. 2,855,673, 10-14-58, Cl. 32—59.
- Gruetzner, John T. Three-dimensional optical die making method and device. 2,834,231, 5-13-58, Cl. 76—107.
- Gruke, Carl A., and R. P. Fox, to Union Carbide Corp. Primary battery with controllable cathode potential. 2,820,730, 1-21-58, Cl. 136—139.
- Grumbine, Robert S., to Coe Laboratories, Inc. Dental impression composition. 2,837,434, 6-3-58, Cl. 106—38.35.
- Grummitt, Oliver J., and A. A. Arters, to The Sherwin-Williams Co. Aqueous vehicles for forming water-resistant films. 2,842,451, 7-8-58, Cl. 106—194.
- Grum-Schwensen, Sofus V. Device for grinding scraper blades. 2,866,300, 12-30-58, Cl. 51—3.
- Grund, John. Adjustable mattress springs. 2,842,784, 7-15-58, Cl. 5—35.1.
- Gründel, Willy. Ribbon-reverse tripping device for typewriters. 2,850,137, 9-2-58, Cl. 197—172.
- Grunder, Harold R., and W. R. Whitehead. Puller for timing gears of internal combustion engines. 2,860,407, 11-18-58, Cl. 29—258.
- Grundkötter, Manfred: See—
- Süs, Oskar, and Grundkötter. 2,833,649.
- Grundmann, Christoph J.: See—
- Rätz, Rudi F. W., and Grundmann. 2,858,306.
- Schroeder, Hansjürgen, and Grundmann. 2,832,778.
- Grundmann, Christoph J., and A. Kreutzberger, to Olin Mathieson Chemical Corp. Reactions of 8-triazine. 2,841,585, 7-1-58, Cl. 260—256.
- Grundmann, Christoph J., and E. H. Kober, to Olin Mathieson Chemical Corp. Fluorination chloro triazines with antimony trifluoride. 2,845,421, 7-29-58, Cl. 260—248.
- Grundmann, Christoph J., and A. Kreutzberger, to Olin Mathieson Chemical Corp. New triazine compounds. 2,858,310, 10-28-58, Cl. 260—249.5.
- Grunel, Friedrich W., to North American Philips Co., Inc. Magnetic filter. 2,854,137, 9-30-58, Cl. 209—215.
- Gruner, Garrett, to The Regents of the University of Michigan. Circuitry for vector solution in D-C analog computers. 2,858,979, 11-4-58, Cl. 235—61.
- Gruner, Heinz E. R., and F. Schwarzbach, to Bausch & Lomb Optical Co. Stereoscopic viewing device. 2,866,382, 12-30-58, Cl. 88—29.
- Grunert, Rudolf R., C. S. Marvel, and I. F. Walker, to E. I. du Pont de Nemours and Co. Process of treating animals for metal poisoning with thio-compounds. 2,840,505, 6-24-58, Cl. 167—55.
- Grunfeld, Maximilien: See—
- Bation, Edmond, and Grunfeld. 2,820,823.
- Grunsky, Charles. Pipe plug. 2,824,577, 2-25-58, Cl. 138—90.
- Gruntfest, Irving J. Mouthpieces. 2,834,355, 5-13-58, Cl. 131—216.
- Gruntfest, Irving J., and D. B. Fordyce, to Rohm & Haas Co. Process for the preparation of mineral-filled papers. 2,838,397, 6-10-58, Cl. 92—21.
- Grunwald, Arthur A.: See—
- Lentz, Joseph K., and Grunwald. 2,823,284.
- Grunwald, Louis J.: See—
- Wally, Joseph H., Jr., and Grunwald. 2,843,010.
- Gruskin, Benjamin, deceased, to Rystan Co. Acid neutralizing abrasive chlorophyll dentifrice. Re. 24,573, 12-9-58, Cl. 167—93.
- Gruyer, James S.: See—
- Thompson, Norman D., and Gruyer. 2,851,119.
- Gruyer, John H., to Addressograph-Multigraph Corp. Data transfer apparatus. 2,842,612, 7-8-58, Cl. 178—6.6.
- Gruyer, John H., to Addressograph-Multigraph Corp. Printing machines. 2,842,615, 7-8-58, Cl. 178—6.6.
- Gruyer, John H., to Addressograph-Multigraph Corp. Printing machine and method for transferring ink by heat and pressure. 2,844,094, 7-22-58, Cl. 101—134.5.
- Gruyer, John H., to Addressograph-Multigraph Corp. Printing machines. 2,853,356, 9-23-58, Cl. 346—33.
- Gschwind, Edouard E., and R. N. Greene, to Owens-Illinois Glass Co. Carton erecting machine. 2,848,926, 8-26-58, Cl. 93—51.
- Gschwind, Robert C. Automatic cable rewind for a safety device. 2,864,585, 12-16-58, Cl. 254—152.
- Guadagni, Dante G., to the United States of America as represented by the Secretary of Agriculture. Process for firming cherries. 2,824,810, 2-25-58, Cl. 99—193.
- Guard, Inc.: See—
- Rockoff, Howard W., and Smith. 2,831,371.
- Guardado, Rafael A.: See—
- Stebbing, Ralph J., and Guardado. 2,851,711.
- Guardian Electric Mfg. Co.: See—
- Pratt, Elmer J. 2,852,637.
- Schmidt, John. 2,843,708.
- Guardino, August. Pencil holding accessory for telephone set. 2,843,684, 7-15-58, Cl. 179—178.
- Guareschi, Pietro. Electrolytic production of alumina. 2,833,707, 5-6-58, Cl. 204—96.
- Guarino, Michael A. Pencil point cleaner. 2,848,729, 8-26-58, Cl. 15—223.
- Guarnaschelli, Stephen, to Titeflex, Inc. Renewable fitting for reinforced metallic hose. 2,858,147, 10-28-58, Cl. 285—149.
- Guarraia, Charles, to Combustion Engineering, Inc. Superheater construction and arrangement. 2,835,479, 5-20-58, Cl. 257—240.
- Guckel, Gerhart A., to James Dole Engineering Co. Filling apparatus. 2,827,928, 3-25-58, Cl. 141—134.
- Guezky, Stefan, to Wagner Biro Akt. Apparatus for cooling and utilizing the heat of waste gases. 2,831,467, 4-22-58, Cl. 122—7.
- Gudaits, Frank, to Polytechnic Research & Development Co., Inc. Linearizing drive for variable attenuators. 2,865,007, 12-16-58, Cl. 333—81.
- Gudmestad, Ragnar, to Artos Engineering Co. Sheet metal gutter making machine. 2,826,235, 3-11-58, Cl. 153—54.
- Gudmundsen, Austin, to McCulloch Motors Corp. Power driven rotary disc mower. 2,825,196, 3-4-58, Cl. 56—25.4.
- Gudmundsen, Richard A.: See—
- Waters, Warren P., and Gudmundsen. 2,854,610.
- Gudmundsen, Richard A., to Hughes Aircraft Co. Fused junction silicon semiconductor device. 2,829,999, 4-8-58, Cl. 148—33.
- Gudmundsen, Richard A., to Hughes Aircraft Co. Heat dissipating semiconductor device. 2,830,238, 4-8-58, Cl. 317—234.
- Gudmundsen, Richard A., and W. P. Waters, to Hughes Aircraft Co. Fused junction semiconductor devices and method of making same. 2,829,992, 4-8-58, Cl. 148—1.5.
- Gudmundsen, Richard A., and J. Maserjian, Jr., to Hughes Aircraft Co. Semiconductor translating devices. 2,834,701, 5-13-58, Cl. 148—33.
- Guelson, Ledra C.: See—
- Guelson, Stanley. 2,850,030.
- Guelson, Stanley, deceased by L. C. Guelson, to Baso Inc. Safety valve devices. 2,850,030, 9-2-58, Cl. 137—66.
- Guehard, Pierre, R. Warnecke, and R. Berterottiere, to Compagnie Generale de Telegraphie Sans Fil. Travelling wave discharge tube arrangements utilizing delay lines. 2,827,588, 3-18-58, Cl. 315—3.5.
- Guenthard, Jacques: See—
- Thummel Ludwig, Metzger, and Guenthard. 2,843,448.
- Guenthard, Jacques, and R. Roth, to Sandoz A. G. Blue leveling dyes of the anthraquinone series. 2,844,597, 7-22-58, Cl. 260—372.
- Guenther, Anni: See—
- Gustke, Klaus, and Kuhls. 2,850,245.

- Guenther, Emmerich: *See*—
Lupier, Dale E., Flugel, and Guenther. 2,826,738.
- Guenther, Emmerich, and D. M. Vesper, to Phillips Petroleum Co. Pump. 2,840,004, 6-24-58, Cl. 103—152.
- Guenther, George G. Salesman's sample case with outside gusseted pocket. 2,837,185, 6-3-58, Cl. 190—51.
- Guenther, Hermann, and R. C. Squier, to Joseph Bancroft & Sons Co. Random pleating of fabric. 2,851,206, 9-9-58, Cl. 223—28.
- Guenther, John R., to Pittsburgh Plate Glass Co. Water dispersions of an ethylenic monomer and a polyester of an ethylenic dicarboxylic acid. 2,855,373, 10-7-58, Cl. 260—29,6.
- Guenther, Robert F., Jr., to Sears, Roebuck and Co. Fishing reel arbor. 2,858,999, 11-4-58, Cl. 242—125.1.
- Guenther, Paul: *See*—
Scholz, Heinrich, and Guenther. 2,828,313.
- Guentsche, Helmut: *See*—
Schjolin, Hans O., Guentsche, and Parshall. 2,858,142.
- Guenzi, Erardo, to Compagnie de Pont-A-Mousson. Austenitic nodular iron. 2,842,437, 7-8-58, Cl. 75—125.
- Guérard, Cecil W. Vehicular support-body stabilizing assembly. 2,864,584, 12-16-58, Cl. 254—139.1.
- Guerin, Maurice, and P. P. Namian. Société d'Electronique et d'Automatisme. Pulse generating and distributing devices. 2,844,718, 7-22-58, Cl. 250—27.
- Guernsey, John F., to Trio Mfg. Co. Parasitic antenna assemblage. 2,864,084, 12-9-58, Cl. 343—815.
- Guernsey, John F., to Trio Mfg. Co. Broad band high frequency antenna. 2,866,196, 12-23-58, Cl. 343—803.
- Guerrant, Edmunds L. Automatic nailing machine for nailing trim on door jambs. 2,830,296, 4-15-58, Cl. 1—149.
- Guerreiro, Antone M., to Northrop Aircraft, Inc. Automatic forming of thermo-plastic materials to optically true contours. 2,861,297, 11-25-58, Cl. 18—19.
- Guess, Joseph R. Vibrating screen device. 2,849,119, 8-26-58, Cl. 209—365.
- Guess, Shorey C. Electrically operated door locking and window closing means for motor vehicles. 2,834,420, 5-13-58, Cl. 180—82.
- Guess, Wilmot J. Rotary data log. 2,828,563, 4-1-58, Cl. 40—68.
- Guest, Howard R.: *See*—
Stansbury, Harry A., Jr., and Guest. 2,862,007.
- Stansbury, Harry A., Jr., and Guest. 2,865,952.
- Guest, Howard R., H. A. Stansbury, Jr., and H. F. Lykins, to Union Carbide Corp. Process for oxidizing glutaraldehydes. 2,820,821, 1-21-58, Cl. 260—530.
- Guest, Howard R., and B. W. Kiff, to Union Carbide Corp. Substituted caprolactone and method for the production thereof. 2,823,211, 9-11-58, Cl. 260—343.
- Guest, Howard R., and H. A. Stansbury, Jr., to Union Carbide Corp. Allylidene dicarbonates and process for their production. 2,839,572, 6-17-58, Cl. 260—486.
- Guest, Howard R., and B. W. Kiff, to Union Carbide Corp. Preparation of 2,3-dihydropyran-2-yl 2-formyl-2,3-dihydropyran-2-yl carbinol. 2,861,083, 11-18-58, Cl. 260—345.9.
- Guest, Howard R., and E. W. Kiff, to Union Carbide Corp. Process for the removal of formaldehyde from crude pyruvic aldehyde solution. 2,866,823, 12-30-58, Cl. 260—593.
- Guest, Lawrence V. Sound reproducing apparatus. 2,825,570, 3-4-58, Cl. 274—10.
- Guest, Lawrence V., to Birmingham Sound Reproducers Ltd. Sound reproducing apparatus using disc records. 2,841,399, 7-1-58, Cl. 274—9.
- Gueydan, Arthur. Advertising apparatus. 2,819,545, 1-14-58, Cl. 40—51.
- Gugeler, Frederick D., to Aquamatic Inc. Hydraulic timer. 2,843,119, 7-29-58, Cl. 161—1.
- Gugeler, Frederick D. Insulated water softener tank. 2,849,145, 8-26-58, Cl. 220—14.
- Guggenheim Brothers (1949 Firm): *See*—
Robell, John, Steinberg, and Jones. 2,865,714.
- Guggenheim, Max M., to National Equipment Corp. Apparatus for drying starch. 2,828,549, 4-1-58, Cl. 34—57, 307—88.5.
- Guggenheim, Max M., to National Equipment Corp. Guides for box-wrapping machines. 2,849,849, 9-2-58, Cl. 53—387.
- Guggenheim, Max M., and R. L. Greenberg, to National Equipment Corp. Imprinters for confectionery machines. 2,857,858, 10-28-58, Cl. 107—3.
- Guggenheim, S. Frederic: *See*—
Gottschall, Herbert A., Guggenheim, and Louis. 2,863,031.
- Gugli, Walter B., to Westinghouse Electric Corp. Self-locking transistor switching circuit. 2,840,727, 6-24-58, Cl. 31—1.
- Guglielmo, Paul N., and H. Jacobs. Edge finishing for dampening roller covers of lithographic plates. 2,840,888, 7-1-58, Cl. 29—119.
- Gugliotta, Dominic. Fishing rod holders. 2,851,813, 9-16-58, Cl. 43—21.2.
- Guhman, Kenneth J. Oil and vacuum seal. 2,821,973, 2-4-58, Cl. 123—188.
- Guhman, William H. Caulking strip. 2,853,329, 9-23-58, Cl. 288—7.
- Guiberson Corp., The: *See*—
Davis, Earl W. 2,846,247.
- Lane, John J. 2,836,252.
- Thompson, Jennings B. 2,862,563.
- Guibert, Francis W. Liquid sampler. 2,844,964, 7-29-58, Cl. 73—422.
- Guibert, Francis W. Gear tooth construction for rotary fluid meters. 2,845,031, 7-29-58, Cl. 103—126.
- Guibert, Georges, to Societe Condomin et Prodon. Yarn guiding device for making cops having frusto-conical ends. 2,830,774, 4-15-58, Cl. 242—43.
- Guida, Nicholas, to Visa-Matic Corp. Optical display device having polarizing means. 2,838,864, 6-17-58, Cl. 40—130.
- Guida, Nicholas, to Visa-Matic Corp. Display device. 2,844,899, 7-29-58, Cl. 40—130.
- Guide, Anthony. Wire supported brassiere. 2,829,650, 4-8-58, Cl. 128—470.
- Guide, Anthony. Spiral stitch attachment for sewing machines. 2,857,865, 10-28-58, Cl. 112—2.
- Guidi, Joseph L. Automatic centering tool holder mechanism. 2,836,424, 5-27-58, Cl. 279—16.
- Guidi, Johnathan R. Method of erecting bridge structures. 2,854,742, 10-7-58, Cl. 29—428.
- Guid, Lloyd V. Cartridge for absorbing CO₂. 2,865,720, 12-23-58, Cl. 23—284.
- Guilford, Joseph R. Mounting features of sheet metal damper blades used in air conditioning systems. 2,835,467, 5-20-58, Cl. 251—89.
- Guillamon, Jean-Baptiste. Cupola furnace, and process for its operation. 2,850,374, 9-2-58, Cl. 75—45.
- Guillemette, Delphis V., to Mount Hope Machinery Co. Feed roll sheet feeding apparatus. 2,828,123, 3-25-58, Cl. 271—23.
- Guillet, James E., to Eastman Kodak Co. Emulsifiable polypropylene wax and manufacture thereof. 2,828,296, 3-25-58, Cl. 260—93.7.
- Guillet, James E., to Eastman Kodak Co. Polypropylene waxes and method of making. 2,835,659, 5-20-58, Cl. 260—93.7.
- Guillou, Francois. Tube coupling having a pushed-wedge type packing. 2,862,732, 12-2-58, Cl. 285—342.
- Guimbretiere, Louis F., A. G. Pollet, and E. J. Sorez. Method and means for drawing textile slivers. 2,825,937, 3-11-58, Cl. 19—130.
- Guimont, Nelson J. Mold. 2,835,018, 5-20-58, Cl. 25—121.
- Guinane, James P., to Hercules Loose Leaf Corp. Swingably supported telephone book binders. 2,856,728, 10-21-58, Cl. 45—85.
- Guinane, James P., and R. F. Batchelar, to Hercules Loose Leaf Corp. Book binders. 2,862,329, 12-2-58, Cl. 45—85.
- Guinard, Paul A. Stream-lined check-valve. 2,827,922, 3-25-58, Cl. 137—533.21.
- Guinard, Paul A. Bearings. 2,833,601, 5-6-58, Cl. 308—77.
- Guinard, Paul A. J. Rotary piston pump. 2,831,438, 4-22-58, Cl. 103—161.
- Guinard, Paul A. J. M., to Etablissements Pompes Guinard. Tank washing apparatus. 2,865,672, 12-23-58, Cl. 299—63.
- Guinn, Walter W. Griddle cleaner. 2,847,693, 8-19-58, Cl. 15—210.
- Guinot, Henri M.: *See*—
Frejaques, Jean L. M., and Guinot. 2,852,571.
- Guins, Sergei G.: *See*—
Browne, Kenneth A., and Guins. 2,827,283.
- Guiochon, Pierre F. H. G. F. Packaged cultures in low class organisms such as mushroom spawn. 2,851,821, 9-16-58, Cl. 47—1.1.
- Guise, Arthur B., to Ansul Chemical Co. Apparatus for selection of turret nozzle stream pattern. 2,841,229, 7-1-58, Cl. 169—25.
- Guldemond, John, to Research Corp. Electrified centrifugal dust separating device. 2,833,151, 9-23-58, Cl. 183—7.
- Gulden, Raymond O. Weed extractor. 2,862,755, 12-2-58, Cl. 294—61.
- Gulder, August, 1/2 to P. O. Tobeler, d. b. a. Trans-Oceanic. Pincers having adjustable jaws with locking pinion. 2,831,385, 4-22-58, Cl. 31—384.
- Gulesich, John J., and J. A. Marlin, to Smith, Kline & French Laboratories. Aqueous iron-ascorbic acid preparation. 2,822,317, 2-4-58, Cl. 167—81.
- Gulesich, John J., and G. M. Piersol, Jr., to Smith, Kline & French Laboratories. Liquid vitamin preparation. 2,850,429, 9-2-58, Cl. 167—81.
- Gulf Oil Corp.: *See*—
Bayless, Charles R. 2,843,823.
- Bayless, Charles R., Doughtrey, and Robertson. 2,860,655.
- Beach, Horace J., Goins, and Rogers. 2,845,389.
- Boyd, Will E. 2,857,003.
- Bryant, Randolph, Jr. 2,860,710.
- Cantrell, Troy L., and Fisher. 2,862,800.
- Cantrell, Troy L., French, and Kuhne. 2,863,742.
- Cantrell, Troy L. and Hill. 2,841,126.
- Cantrell, Troy L., Kuhne, and Peters. 2,863,746.
- Cantrell, Troy L., Kuhne, and Peters. 2,863,747.
- Cantrell, Troy L., Orr, and Peters. 2,863,745.
- Cantrell, Troy L., and Peters. 2,851,343.
- Cantrell, Troy L., and Peters. 2,863,744.
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- Coggeshall, Norman D. 2,841,065.
- Craig, Wilmot W., and Fisher. 2,852,353.
- Davis, Damon A., Jr. 2,835,537.
- Erwin, Marvin E., Franklin, and Gebhart. 2,847,382.
- Ferrell, James G. 2,859,010.
- Gottshall, Ralph L., and Peters. 2,832,741.
- Halbrook, Raymond L., Harris, and Kennerly. 2,847,075.
- Hughes, Richard V. 2,828,819.
- McNamara, John F. 2,843,206.
- Nedderman, Wendell H., and Lietz. 2,837,897.
- Parker, Almon S. 2,839,588.

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- Patrick, Emzy H. 2,831,585.
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- Gulf Research & Development Co.: See—**
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 Brown, George P., Jr., Crowley, and Franke. 2,831,024.
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 Gwynn, Bernard H., and Whitaker. 2,822,409.
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 Hall, John I. 2,849,214.
 Hay, Russell G. 2,857,442.
 Henke, Alfred M., Hurd, and Peterson. 2,851,505.
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 Knowles, Joseph R. 2,837,972.
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 McCarty, Paul R., and Orem. 2,844,537.
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 Rocchini, Albert G. 2,843,200.
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- Gulick, Edwin C.: See—**
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- Gulick, Kenneth H., to Harris-Intertype Corp. Separation of piled metal sheets. 2,848,227, 8-19-58, Cl. 271-18.**
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- Gulick, William K.: See—**
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- Gullett, William W., to Chicago Development Corp. Purification of molten electrolytes. 2,834,727, 5-13-58, Cl. 204-64.**
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- Gulley, Charles L. Fluid burning air heater. 2,839,045, 6-17-58, Cl. 126-90.**
- Gullixson, Harold R., and H. F. Bruns, to Ditto, Inc. Feed table and height control for duplicating machines. 2,831,682, 4-22-58, Cl. 271-62.**
- Gulnick, Adrian N.: See—**
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- Gulton Industries, Inc.: See—**
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- Gulyban, John F. Screw-thread gauge. 2,835,046, 5-20-58, Cl. 33-199.**
- Gumbinner, Robert, to Polychrome Corp. Adapting and aligning device. 2,860,438, 11-18-58, Cl. 41-1.**
- Gummere, Harold O., and E. Linsker, to Buckeye Tools Corp. Air supply system for pneumatic tools. 2,831,501, 4-22-58, Cl. 137-561.**
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- Gump, J. R. Alma, and H. C. Wohlers, to Michigan Chemical Corp. Method for reducing the concentration of alkali metal salts in calcium chloride brines. 2,839,360, 6-17-58, Cl. 23-90.**
- Gumpio, Alice C. Chart-holding means. 2,842,268, 7-8-58, Cl. 211-45.**
- Gunar, Murray. Temperature responsive control. 2,856,994, 10-21-58, Cl. 158-140.**
- Gunberg, Paul F., to United States Rubber Co. Maleic anhydride modified butyl rubber. 2,845,403, 7-29-58, Cl. 260-78.4.**
- Gund, Konrad. Load-balancing device. 2,845,263, 7-29-58, 267-1.**
- Gundel, John A., and N. B. Barsha, to Airtherm Mfg. Co. Insulation clip. 2,849,756, 9-2-58, Cl. 20-4.**
- Gündel, Wolfgang: See—**
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- Gunderman, Glen L.: See—**
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- Gundersdorff, Edward K. Apparatus for packaging articles. 2,821,829, 2-4-58, Cl. 53-257.**
- Gundersen, F. Carol: See—**
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- Gunderson, Allen D., to George Gorton Machine Co. Powered master units. 2,818,787, 1-7-58, Cl. 90-62.**
- Gunderson, Allen D., to George Gorton Machine Co. Pantograph milling machine. 2,866,391, 12-30-58, Cl. 90-62.**
- Gunderson, Arthur M., to Disney Products, Inc. Knife sharpening attachment. 2,866,303, 12-30-58, Cl. 51-241.**
- Gunderson, Lynell A., to Gadget-Of-The-Month Club, Inc. Aircraft toy set. 2,825,181, 3-4-58, Cl. 46-242.**
- Gunderson, Norman R. Scale. 2,833,506, 5-6-58, Cl. 249-42.**
- Gunderson, Robert O., and J. D. Goodell, to Librascope, Inc. Ground return control. 2,850,721, 9-2-58, Cl. 340-174.**
- Gundert, Eberhard, to Telefunken Gesellschaft fuer drahtlose Telegraphie m. b. H. Deflection system for cathode ray tubes. 2,834,902, 5-13-58, Cl. 313-78.**
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- Gundlach, Joseph C., and G. G. Kelley, to the United States of America as represented by the United States Atomic Energy Commission. Radiation detector system. 2,824,973, 2-25-58, Cl. 250-83.6.**
- Gundlach, Joseph C., and J. B. Reeves, to United States of America, Atomic Energy Commission. Multi-electrode tube pulse memory circuit. 2,835,848, 5-20-58, Cl. 315-84.6.**
- Gundlach, Robert W., to The Haloid Co. Electrophotographic developing device. 2,827,013, 3-18-58, Cl. 118-309.**
- Gundlach, Theodore J. Shaft paralleling and timing devices for paired roll machines. 2,843,330, 7-15-58, Cl. 241-230.**
- Gundy, Mabel J. Protective garment. 2,837,746, 6-10-58, Cl. 2-187.**
- Gunkinger, E. A.: See—**
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- Gunkler, Paul, F. Vollmer, and W. Kugel, to Robert Bosch, G. m. b. H. Commutator. 2,845,556, 7-29-58, Cl. 310-234.**
- Gunn, Harvey B.: See—**
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- Gunn, Joseph B., to Bendix Aviation Corp. Hydraulically-actuated 4-way valve. 2,836,196, 5-27-58, Cl. 137-622.**
- Gunn, Ross, to the United States of America as represented by the Secretary of Commerce. Electric field meter. 2,820,947, 1-21-58, Cl. 324-72.**
- Gunn, Ross. Device for antennas to overcome precipitation static interference. 2,855,598, 10-7-58, Cl. 343-701.**
- Gunnarson, Daniel W., to Boeing Airplane Co. Fuel metering devices for ram jet engines. 2,859,589, 11-11-58, Cl. 60-39.28.**
- Gunnebo Bruks Aktiebolag: See—**
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- Gunnell, Bruce C., and F. G. Stewart. Steel lined car with integral lading strap anchor. 2,839,013, 6-17-58, Cl. 105-369.**

- Gunner, Frederick L. S.: *See—*
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- Gunning, Edward: *See—*
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- Gunning, Maximilian F. Submarine vessels. 2,848,970, 8-26-58, Cl. 114-17.
- Gunsberg, George G. Packaged frozen food article. 2,850,391, 9-2-58, Cl. 99-171.
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- Gunson, William B., and E. F. Hammond, Jr., to United States of America, Navy. Combination variable area converging-diverging nozzle and thrust destroyer. 2,841,956, 7-8-58, Cl. 60-35.54.
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- Weber, Oskar, Anderau, Gunst, and Ruetimeyer. 2,824,865.
- Gunst, Raymond, to Ciba Ltd. New direct-dyeing dyestuffs of the triazine series. 2,853,482, 9-23-58, Cl. 260-153.
- Gunst, Raymond, to Ciba Ltd. Dichlorotriazine monoazo dye. 2,860,128, 11-11-58, Cl. 260-153.
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- Gunter, Theodore A. Take-up drum for photoprinter. 2,848,176, 8-19-58, Cl. 242-72.
- Guntert, Ronald M., and W. F. Earley, to Guntert & Zimmerman Const. Div., Inc. Supporting and level control mechanism for concrete slab laying machines. 2,864,452, 12-16-58, Cl. 180-9.1.
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- Earley, Wilbur F. 2,853,810.
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- Günthard, Jacques, to Sandoz A. G. Disperse dyestuffs of the anthraquinone series. 2,844,598, 7-22-58, Cl. 260-380.
- Günthard, Hans, to General Foods Corp. Food product and process. 2,819,971, 1-14-58, Cl. 99-130.
- Günthel, Alfred B., Jr., to Bossert Mfg. Corp. Angularly adjustable bus bar support. 2,861,762, 11-25-58, Cl. 248-70.
- Günther, Dannehl: *See—*
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- Gunther, Ellen P.: *See—*
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- Günther, Franz and H., and E. O. Seitz. Operating table lamp. 2,827,554, 3-18-58, Cl. 240-1.4.
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- Gunther, Helmut, to Industrie-Werke Karlsruhe Akt. Billet shears and the like. 2,837,157, 6-3-58, Cl. 164-45.
- Günther, Hermann: *See—*
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- Gunther, Joseph R., to Douglas Aircraft Co., Inc. Hot dimpling tool and control means therefor. 2,852,060, 9-16-58, Cl. 153-21.
- Gunther Products, Inc.: *See—*
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- Gunther, Robert C., to Gunther Products, Inc. Soy protein whipping compositions and process for the preparation thereof. 2,844,468, 7-22-58, Cl. 99-114.
- Gunther, Roland E. Calculating devices. 2,834,546, 5-13-58, Cl. 235-71.
- Gunther, Roland E. Magnetic fluid damping device. 2,846,028, 8-5-58, Cl. 188-88.
- Gunther, Roland E. Variable ratio transmissions. 2,862,395, 12-2-58, Cl. 74-199.
- Gunther, Roland E. Transducer devices. 2,864,898, 12-16-58, Cl. 179-108.
- Gunther, Ulrich, to Inventa A.-G., für Forschung und Patentverwertung Luzern. Electrical impact fuses. 2,846,950, 8-12-58, Cl. 102-70.2.
- Guptill, Frank E., Jr., to The Texas Co. Abrading objects. 2,858,653, 11-4-58, Cl. 51-282.
- Gurewitsch, Anatole M., to General Electric Co. Apparatus for imparting high energy to charged particles. 2,830,222, 4-8-58, Cl. 315-5.18.
- Gurewitsch, Anatole M., to General Electric Co. Ionic vacuum pump. 2,858,972, 11-4-58, Cl. 230-69.
- Gurinsky, David H.: *See—*
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- Gurinsky, David H., to United States of America, Atomic Energy Commission. Welded jacketed uranium body. 2,849,390, 8-26-58, Cl. 204-193.2.
- Gurinsky, David H., O. F. Kammerer, J. Sadofsky and J. R. Weeks, to United States of America, Atomic Energy Commission. Forming protective films on metal. 2,864,731, 12-16-58, Cl. 148-6.11.
- Guritz, Kenneth E.: *See—*
Drummond, Joseph E., and Guritz. 2,833,452.
- Gurley, Jesse F. Jr., and H. N. Woebecke, Jr., to Mobay Chemical Co. Mixing device. 2,857,144, 10-21-58, Cl. 259-7.
- Gurney, David M.: *See—*
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- Gurney, David M., to General Motors Corp. Contact and bearing assembly. 2,850,715, 9-2-58, Cl. 339-258.
- Gurries, Albert G. Seal for plug valves. 2,841,353, 7-22-58, Cl. 251-175.
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- Hobday, Harold W. 2,846,792.
- Gurries, Raymond A., to Gurries Mfg. Co. Forward dump scraper and control means therefor. 2,854,768, 10-7-58, Cl. 37-126.
- Gursch, Alfred, to Askania-Werke A. G. Method of centering and grinding edges of optical lenses. 2,855,734, 10-14-58, Cl. 51-284.
- Gurstelle, Harold H., and S. G. Burton. Device for cracking frozen multiple confections. 2,865,363, 12-23-58, Cl. 125-23.
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- Gushin, Harold, and F. J. Zelma, to General Aniline & Film Corp. Process for the manufacture of sulphoalkylesters of fatty acids. 2,844,607, 7-22-58, Cl. 260-400.
- Guss, William A., and S. Sankovich, to Toledo Scale Corp. Self-aligning bearing. 2,840,367, 6-24-58, Cl. 265-27.
- Gussack, Nathan A. Drawer slide assembly. 2,860,929, 11-18-58, Cl. 308-3.8.
- Gussack, Nathan A., to Grant Pulley & Hardware Corp. Mounting slide for electronic chassis. 2,862,772, 12-2-58, Cl. 308-3.8.
- Gussoni, Angelo, to S. Dubiner. Machine for the manufacture of bottles from plastic material. 2,853,736, 9-30-58, Cl. 18-5.
- Gustafson, Darrel W., to Contronics, Inc. Circuit arrangement for converting a low voltage into a high A. C. voltage. 2,849,615, 8-26-58, Cl. 250-36.
- Gustafson, David A., to McGraw-Edison Co. Control for motor-operated toaster. 2,821,902, 2-4-58, Cl. 99-329.
- Gustafson, Elmer M., and A. I. Swartz, to Columbia Broadcasting System, Inc. Semiconductor device. 2,846,625, 8-5-58, Cl. 317-234.
- Gustafson, George W., to Lamb-Grays Harbor Co., Inc. Roll conveying and banding mechanism. 2,818,795, 1-7-58, Cl. 100-4.
- Gustafson, Gilbert E., and J. T. Valaskovic, to Zenith Radio Corp. Hearing aids. 2,856,466, 10-14-58, Cl. 179-107.
- Gustafson, Hazen A. Beverage case repair means. 2,842,279, 7-8-58, Cl. 217-70.
- Gustafson, Robert M., to International Business Machines Corp. Consecutive number printer. 2,833,209, 5-6-58, Cl. 101-79.
- Gustafson, Walter C. Repair and replacement cap for twisting machine heads. 2,826,892, 3-18-58, Cl. 57-77.3.
- Gustafson, Walter G., and H. C. Harrison, to Bell Telephone Laboratories, Inc. Mercury switches. 2,837,612, 6-3-58, Cl. 200-87.
- Gustafson, Wayne. Material treating machine. 2,823,904, 2-18-58, Cl. 259-24.
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- Gustafsson, Stig, to A. B. Svenska Flakfabriken. Rapping system for electrofilters. 2,864,459, 12-16-58, Cl. 183-7.
- Gustafsson, Sven G.: *See—*
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- Tomner, Sigvard J. A., and Gustafsson. 2,864,971.
- Gustat, James J.: *See—*
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- Gustavsson, David, to Atlas Copco Aktiebolag. Loaders. 2,836,312, 5-27-58, Cl. 214-132.
- Gustavsson, Karl A. G., to Aktiebolaget B. A. Hjorth & Co. Dust separator. 2,854,092, 9-30-58, Cl. 183-83.
- Gustavsson, Stig, M. Ydring, and L. R. Nylander, to Aktiebolaget Svenska Flakfabriken. Valve for fume channels. 2,841,360, 7-1-58, Cl. 251-87.
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- Stephens, Joseph F. 2,821,347.
- Stephens, Joseph F. 2,825,389.
- Stephens, Joseph F., and Sowers. 2,846,157.
- Gustke, Klaus, and E. Kuhls, to A. Guenther, nee Rieth. Grinding apparatus. 2,850,245, 9-2-58, Cl. 241-162.
- Gustus, Edwin L., to R. J. Strassenburgh Co. Fatty acid-resin adsorption product. 2,841,526, 7-1-58, Cl. 167-55.
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- Gutcho, Marcia, and L. Laufer, to the United States of America as represented by the Secretary of the Navy. Process for reduction of organic disulphides. 2,820,780, 1-21-58, Cl. 260-112.
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- Guth, Edwin F., Co., The: *See—*
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- Guth, Eugene D., and H. M. Fox, to Phillips Petroleum Co. Odor-free liquid conjugated diene polymers. 2,863,786, 12-9-58, Cl. 106-285.
- Guth, Fred H., to Thompson Products, Inc. Magnetic amplifier. 2,831,159, 4-15-58, Cl. 323-89.
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- Guth, Fred H., to Thompson Products, Inc. Speed rate circuit for an alternator control system. 2,832,031, 4-22-58, Cl. 322-23.
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- Guth, Frederick E., to The Edwin F. Guth Co. Louvers. 2,859,334, 11-4-58, Cl. 240-106.
- Guth, Lauren W., to General Electric Co. Washing apparatus with tub sealing system. 2,836,186, 5-27-58, Cl. 134-57.
- Guthart, Joseph: *See*—
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- Guthrie, Andrew: *See*—
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- Guthrie, David B., to Monsanto Chemical Co. Synthesis of xanthines. 2,827,461, 3-18-58, Cl. 260-256.
- Guthrie, Donald A.: *See*—
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- Guthrie, Donald A., and D. W. Young, to Esso Research and Engineering Co. Irradiated resins. 2,836,553, 5-27-58, Cl. 204-158.
- Guthrie, James A., to United States Steel Corp. Shield for superheater. 2,850,267, 9-2-58, Cl. 257-248.
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- Guthrie, James M. Treating of hams. 2,860,990, 11-18-58, Cl. 99-107.
- Guthrie, John, to Alaska Pine & Cellulose Ltd. Wrapper applying apparatus. 2,858,657, 11-4-58, Cl. 53-218.
- Guthrie, John D.: *See*—
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- Guthrie, John M. Toy gun. 2,834,332, 5-13-58, Cl. 124-13.
- Guthrie, Richard W., to Syntrol Co. Portable internal combustion percussion tools. 2,857,888, 10-28-58, Cl. 123-7.
- Guthrie, Thomas E. Single string bass viol. 2,861,494, 11-25-58, Cl. 84-173.
- Guthrie, William E. Spindle assembly for spinning frames and the like. 2,835,104, 5-20-58, Cl. 57-133.
- Gutkin, Samuel S., to Falk & Co. Refining glyceride oils with sulphonated phenolaldehyde resin. 2,863,890, 12-9-58, Cl. 260-424.
- Gutknecht, William J., to The Youngstown Area Engraving Co. Method of forming a two-level photoengraved embossing plate or mold. 2,851,336, 9-30-58, Cl. 96-36.
- Gutmann, Hugo, O. Isler, and O. Straub, to Hoffmann-La Roche Inc. 2-methyl-pyridine-4-carboxylic acid derivatives. 2,855,400, 10-7-58, Cl. 260-295.
- Gutowski, Chester L.: *See*—
Merkner, Albert H., and Gutowski. 2,842,912.
- Gutridge, Jack E.: *See*—
Bock, George E., Gutridge, and Van Der Sluys. 2,865,306.
- Gutridge, Jack E., to Pullman-Standard Car Mfg. Co. Freight vehicle turntable. 2,819,687, 1-14-58, Cl. 105-368.
- Gutridge, Jack E., to Pullman-Standard Car Mfg. Co. Device for loading trailers on flat cars. 2,837,226, 6-3-58, Cl. 214-38.
- Gutridge, Jack E., to Pullman-Standard Car Mfg. Co. Holding device for freight vehicle. 2,839,012, 6-17-58, Cl. 105-368.
- Gutridge, Jack E., to Pullman-Standard Car Mfg. Co. Freight vehicle stand. 2,845,878, 8-5-58, Cl. 105-368.
- Gutridge, Jack E., and W. E. Gribnitz, Jr., to Pullman-Standard Car Mfg. Co. Fifth-wheel stand for freight vehicles. 2,846,172, 8-5-58, Cl. 248-185.
- Gutridge, Jack E., and W. E. Gribnitz, Jr., to Pullman-Standard Car Mfg. Co. Hold-down device for freight vehicle. 2,865,308, 12-23-58, Cl. 104-368.
- Gutschick, Lester C.: *See*—
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- Gutterson, Thomas. Advertising display device. 2,859,546, 11-11-58, Cl. 40-10.
- Guttman, Jacob. Metal awning. 2,838,811, 6-17-58, Cl. 20-57.5.
- Guttmann, Stephan: *See*—
Boissonnas, Roger, Guttmann, Jaquenoud, and Waller. 2,854,443.
- Guttridge, Eric J., to Powers-Samas Accounting Machines Ltd. Electrical counter circuits. 2,832,541, 4-29-58, Cl. 235-92.
- Guttwein, Gunter K. Recording vibration meter using angular modulation. 2,827,622, 3-18-58, Cl. 340-174.
- Gutzeit, Gregoire: *See*—
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- Gutzeit, Gregoire, to General American Transportation Corp. Method of making stable cactus mucilage. 2,845,363, 7-29-58, Cl. 106-205.
- Gutzeit, Gregoire, P. Talmey, and W. G. Lee, to General American Transportation Corp. Chemical nickel plating processes and baths therefor. 2,819,187, 1-7-58, Cl. 117-130.
- Gutzeit, Gregoire, P. Talmey, and W. G. Lee, to General American Transportation Corp. Chemical nickel plating processes and baths therefor. 2,822,293, 2-4-58, Cl. 117-130.
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- Gutzmer, Ernest R., to Intercompany Corp. Plate clamping mechanism for electrolytic treating apparatus. 2,852,463, 9-16-58, Cl. 204-242.
- Gutzwiller, Ernst, deceased (by J. Gutzwiller-Markees, administratrix), and H. Brunner, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Dye-stuffs of the anthraquinone series. 2,848,462, 8-19-58, Cl. 260-378.
- Gutzwiller-Markees, Jenny: *See*—
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- Guy, Frederick M., and C. Saurer, to U. S. Universal Joints Co. Universal joints and resilient bushings. 2,840,403, 6-24-58, Cl. 287-85.
- Guy, Frederick M., and C. Saurer, to U. S. Universal Joints Co. Resilient bushing for ball-and-socket type bearing. 2,852,286, 9-16-58, Cl. 287-85.
- Guy, Ralph I., and G. K. Lait. Fish bait and method of preparing the same. 2,826,853, 3-18-58, Cl. 43-42.06.
- Guyaz, Eduard, 1/2 to A. Köbel. Door latching mechanism. 2,851,296, 9-9-58, Cl. 292-78.
- Guyer, August, to Lonza Electric and Chemical Works Ltd. Process for the manufacture of urea. 2,854,482, 9-30-58, Cl. 260-555.
- Guyer, Brada. Two-way swinging gates. 2,822,630, 2-11-58, Cl. 39-76.
- Guyer, John W.: *See*—
Bender, Howard L., Farnham, and Guyer. 2,849,416.
- Guyer, Morris W., to Calkins Mfg. Co. Rod tilling implement. 2,862,433, 12-2-58, Cl. 97-42.
- Guyer, Pio, W. Richard, and P. Walther, to Lonza Electric and Chemical Works Ltd. Purification of dinitriles. 2,841,537, 7-1-58, Cl. 202-56.
- Guyer, Reynolds, to Walldorf Paper Products Co. Toy shield. 2,820,318, 1-21-58, Cl. 46-1.
- Guyer, Reynolds, to Walldorf Paper Products Co. Method of forming cartons. 2,830,505, 4-15-58, Cl. 93-36.8.
- Guyer, Reynolds, to Walldorf Paper Products Co. Waxed paper holder. 2,839,255, 6-17-58, Cl. 242-555.
- Guyer, Reynolds, to Walldorf Paper Products Co. Sliced meat package. 2,844,300, 7-22-58, Cl. 229-87.
- Guyer, Reynolds, to Walldorf Paper Products Co. Can holding carton. 2,853,183, 9-23-58, Cl. 206-47.
- Guyer, Reynolds, to Walldorf Paper Products Co. Cartons for frozen foods. 2,856,114, 10-14-58, Cl. 229-14.
- Guyer, Reynolds, to Walldorf Paper Products Co. Telescoping carton. 2,859,906, 11-11-58, Cl. 229-31.
- Guyer, Reynolds, to Walldorf Paper Products Co. Product encircling band. 2,860,824, 11-18-58, Cl. 229-40.
- Guyer, Reynolds, to Walldorf Paper Products Co. Reclosable carton. 2,864,547, 12-16-58, Cl. 229-51.
- Guyer, Reynolds, and R. M. Dunning, to Walldorf Paper Products Co. Dispenser box. 2,847,153, 8-12-58, Cl. 229-17.
- Guyer, Walter R. F.: *See*—
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Hakala, Thomas H., and Guyer. 2,849,496.
Staib, John H., Guyer, and Slotterbeck. 2,864,864.
Thorn, John P., Guyer, and Arundale. 2,861,959.
- Guyonnaud, Joël. Static hydrolyser. 2,845,336, 7-29-58, Cl. 23-290.
- Guyot Brothers Co., Inc.: *See*—
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- Guyot, Roy N., to Guyot Brothers Co., Inc. Earring clasp. 2,841,853, 7-8-58, Cl. 24-252.
- Guyton, James H., to General Motors Corp. Automatic headlamp dimmer system. 2,835,847, 5-20-58, Cl. 315-83.
- Guyton, James H., to General Motors Corp. Transistor oscillator starting circuit. 2,843,744, 7-15-58, Cl. 250-36.
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- Guyton, James H., to General Motors Corp. Signal tuned radio control. 2,861,178, 11-18-58, Cl. 250-20.
- Guyton, James H., to General Motors Corp. Sensitivity control for signal seeking tuners. 2,863,044, 12-2-58, Cl. 250-20.
- Guyton, James H., and E. G. Roka, to General Motors Corp. Transistor controlled voltage regulator for a generator. 2,862,175, 11-25-58, Cl. 322-28.
- Guzy, Ethel J.: *See*—
Cashman, Edward P., Corcoran, and Dean. 2,825,717.
- Guzzardo, Bennie A., and D. Ungaretti. Carriages for use on scaffolds. 2,827,335, 3-18-58, Cl. 304-1.
- Guzzetta, Giuseppe, to Montecatini Società Generale per l'Industria Mineraria e Chimica. Process for pulverizing polyethylene. 2,858,299, 10-28-58, Cl. 260-94.9.
- Guzzetta, Giuseppe, to Montecatini Società Generale per l'Industria Mineraria e Chimica. Method of providing surfaces with a strongly adhering polyethylene film. 2,866,718, 12-30-58, Cl. 117-21.
- Gvozdkak, John: *See*—
Tyma, Louis S., Gvozdkak, and Chase. 2,825,944.
- Gwilliam, Glenn B., and H. C. Howell, Jr. Process for manufacturing steak product. 2,823,127, 2-11-58, Cl. 99-107.
- Gwin, Robert C., Jr., to Arens Controls Inc. Bicycle gear shift control. 2,862,401, 12-2-58, Cl. 74-489.

- Gwinn, Joseph M., Jr., to Gar Wood Industries, Inc. Elevating tailgate and controls therefor. 2,848,122, 8-19-58, Cl. 214-77.
- Gwyn, Childress B., Jr., to Metals & Controls Corp. Electrical contact elements. 2,830,898, 4-15-58, Cl. 75-134.
- Gwyn, James D.: *See* Watkins, George B., and Gwyn. 2,837,454.
- Gwynn, Bernard H., and A. C. Whitaker, to Gulf Research & Development Co. Distilling alcohols in presence of amines. 2,822,409, 2-4-58, Cl. 260-638.
- Gwynn, Bernard H., R. W. Smyth, and J. V. Ward, to Gulf Research & Development Co. Oxo process. 2,843,632, 7-15-58, Cl. 260-604.
- Gyermek, Laszlo: *See* Nador, Karoly, and Gyermek. 2,833,773.
- Gygax, Franz, to Akt. Brown, Boveri & Cie. Protective circuit for high tension lines with series condensers. 2,849,660, 8-26-58, Cl. 317-29.
- Gyllenberg, John L., to Brandenthaler, Anthony. Log-barking machine having log-feeding mechanism. 2,834,885, 5-13-58, Cl. 144-246.
- Gyllenberg, John L., to A. Brandenthaler. Slab barker having scraper. 2,848,022, 8-19-58, Cl. 144-208.
- Gyllenberg, John L. Hydraulic toilet seat lifter. 2,849,728, 9-2-58, Cl. 4-251.
- Gyllenhammar, William, to Underwood Corp. Nines compliant true negative total register with clear symbol printing. 2,858,977, 11-4-58, Cl. 235-60.17.
- György, Paul: *See* Forbes, Martin, György, and Zilliken. 2,865,809.
- Gyrodyne Co. of America, Inc.: *See* Gebhard, David F. 2,829,721.
- Ryan, James V., Bastedo and Strong. 2,835,331.
- Gysin, Hans: *See* Margot, Alfred, and Gysin. 2,819,267.
- Margot, Alfred, and Gysin. 2,835,626.
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- Gysin, Werner, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Stabilized chloro-ethylene polymer-containing lacquer. 2,823,191, 2-11-58, Cl. 260-30.4.
- HCH Berfrans A. G.: *See* Baerfuss, Achilles. 2,831,665.
- H. Ernault-Batignolles Societe Anonyme: *See* Le Brusque, René J. N. 2,832,604.
- H & H Machine & Motor Parts Co.: *See* Schulte, Frank. 2,838,145.
- H & L Realty Corp.: *See* Rachman, Isadore B., and Bobb. 2,862,778.
- H. & L. Tooth Co.: *See* Hosmer, Chester C., and Launder. 2,846,791.
- Launder, Ernie L., London, and Frederick. 2,835,786.
- Launder, Ernie L., London, and Frederick. 2,839,666.
- Launder, Richard L. 2,837,844.
- H₂ Oil Engineering Corp.: *See* May, Russell D. 2,864,502.
- H-P Products, Inc.: *See* Bishop Harold P. 2,851,286.
- Haack, Erich: *See* Gansau, Gerhard, Haack, Heimberger, and Stoeck. 2,838,552.
- Haack, Erich, deceased, by G. Haack, sole heir, to Rokal G. m. b. H. Pivotal supporting fixtures for tiltable mirrors. 2,845,242, 7-29-58, Cl. 248-28.
- Haack, Erich, G. Stoeck, and H. Voigt, to C. F. Boehringer & Soehne G. m. b. H. Therapeutically valuable esters of alcohols and ketoalcohols of the steroid series and process of preparing same. 2,842,567, 7-8-58, Cl. 260-397.4.
- Haack, Gertrud: *See* Haack, Erich. 2,845,242.
- Haag, Charles W., to Whirlpool Corp. Adjustable door stop hinge assemblies. 2,839,779, 6-24-58, Cl. 16-191.
- Haag, John A. Changeable dot stamping device. 2,839,994, 6-24-58, Cl. 101-372.
- Haage, Konrad: *See* Schulin, Gotthilf, and Haage. 2,838,032.
- Haagens, Robert G., and E. L. Swainson, to American Radiator & Standard Sanitary Corp. Damping device. 2,864,256, 12-16-58, Cl. 74-5.5.
- Haagensen, Duane B.: *See* Argento, Henry F., and Haagensen. 2,820,127.
- Haagensen, Duane B., to Raytheon Mfg. Co. Electronic heating apparatus. 2,827,537, 3-18-58, Cl. 219-10.55.
- Haagensen, Duane B., to Raytheon Mfg. Co. Magnetron modulator systems. 2,866,920, 12-30-58, Cl. 315-39.63.
- Haakana, Carl H., and H. E. Colestock, to Weltronic Co. Electrical controlling networks. 2,832,927, 4-29-58, Cl. 321-19.
- Haake, Frederick L. Parachute disconnecting device. 2,842,392, 7-8-58, Cl. 294-83.
- Haake, Paul T., to Crane Packing Co. Rotary mechanical seal with self-locking seat. 2,839,317, 6-17-58, Cl. 286-11.13.
- Haanstra, John W., to International Business Machines Corp. Analog-to-digital converter. 2,839,740, 6-17-58, Cl. 340-244.
- Haanstra, John W., L. D. Stevens, T. Noyes, and D. D. Johnson, to International Business Machines Corp. Record selector. 2,866,179, 12-23-58, Cl. 340-174.
- Haantjes, Johan, and F. W. de Vrijer, to North American Philips Co., Inc. Colour-television transmission systems. 2,828,354, 3-25-58, Cl. 178-5.2.
- Haantjes, Johan, and G. J. Lubben, to North American Philips Co., Inc. Cathode-ray tube. 2,866,125, 12-23-58, Cl. 315-13.
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- Haapala, Elmer J. Gun rack lock. 2,855,108, 10-7-58, Cl. 211-64.
- Hård, Hans B., to Telefonaktiebolaget L M Ericsson. Relay station for transmitting frequency modulated signals. 2,820,138, 1-14-58, Cl. 250-15.
- Haard, Hans B., to Telefonaktiebolaget L M Ericsson. Electron tube device. 2,841,743, 7-1-58, Cl. 315-21.
- Haardt, Heinz: *See* Federn, Klaus, and Haardt. 2,851,885.
- Haas, Charles W., to Bell Telephone Laboratories, Inc. Pulse rate measuring system. 2,739,725, 6-17-58, Cl. 324-78.
- Haas, Clarence C.: *See* Smith, Hiram P., and Haas. 2,840,018.
- Haas, Clarence C., and K. F. Vance, to International Harvester Co. High speed planter mechanism. 2,833,232, 5-6-58, Cl. 111-51.
- Haas, Edgar, to Herman Schwabe, Inc. Shoe sole attaching machine. 2,843,864, 7-22-58, Cl. 12-36.
- Haas, Edgar, to Herman Schwabe, Inc. Adjustable shoe pad assembly. 2,863,161, 12-9-58, Cl. 12-38.
- Haas, Eduard. Tablet dispensing toy gun. 2,825,324, 3-4-58, Cl. 124-27.
- Haas, Glenn B., to Window Products, Inc. Resiliently-mounted sash guide. 2,856,648, 10-21-58, Cl. 20-12.
- Haas, Heinz: *See* Battenberg, Ernst, and Haas. 2,851,355.
- Haas, Herbert H., to Continental Motors Corp. Accessory drive for internal combustion engine. 2,847,986, 8-19-58, Cl. 123-195.
- Haas, Herbert H., to Continental Motors Corp. Fuel injection nozzle cooling. 2,858,813, 11-4-58, Cl. 123-32.
- Haas, Herbert H., to Continental Motors Corp. Fuel injecting pump mounting. 2,858,824, 11-4-58, Cl. 123-195.
- Haas, Herbert H., and E. V. Szlaga, to Continental Motors Corp. Internal combustion engines. 2,862,484, 12-2-58, Cl. 123-55.
- Haas, Hermann: *See* Gündel, Wolfgang, and Haas. 2,844,584.
- Gündel, Wolfgang, Haas, and Strauss. 2,837,472.
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- Haas, Hermann, H. Markert, and G. Lietz, to Bohme Fettchemie G. m. b. H. Antistatic synthetic textile material. 2,842,462, 7-8-58, Cl. 117-139.5.
- Haas, Howard C.: *See* Land, Edwin H., Blount, and Haas. 2,830,900.
- Haas, Howard C., and S. G. Cohen, to Polaroid Corp. Poly-oxyethylene substituted polymers and their preparation. 2,835,653, 5-20-58, Cl. 260-72.
- Haas, Joseph S. W. Yarn remover. 2,832,124, 4-29-58, Cl. 28-20.
- Haas, Otto R., to United Shoe Machinery Corp. Baseball sewn covers. 2,840,024, 6-24-58, Cl. 112-262.
- Haas, Paul, to Sylvania Electric Products Inc. Support assembly. 2,824,990, 2-25-58, Cl. 313-85.
- Haas, Paul D.: *See* Marcis, Andrew, and Haas. 2,823,190.
- Haas, William I., to Bendix Aviation Corp. Off-frequency synchronized stroboscope. 2,861,221, 11-18-58, Cl. 315-194.
- Haase, Allen P.: *See* Fehr, Edith B., and Haase. 2,849,639.
- Haase, Ernest H.: *See* Patterson, William J., and Haase. 2,846,717.
- Haase, Warren M. Removable fur trimming for storm boots. 2,857,688, 10-28-58, Cl. 36-1.
- Haase, Wilbert W., Co.: *See* Bast, Walter, and Blasius. 2,854,725.
- Bast, Walter, Chandler, and Heuser. 2,834,089.
- Chandler, Wesley M., and Heuser. 2,836,875.
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- Haavik, Nils J., to Elektrokemisk A/S. Electrode holders for electric smelting furnaces and method of operating the same. 2,845,468, 7-29-58, Cl. 13-16.
- Haayman, Pieter W., to North American Philips Co., Inc. Method of surface-treating semi conductors. 2,835,613, 5-20-58, Cl. 148-1.5.
- Haban, Frank: *See* Buchholz, Arnold R., and Haban. 2,857,920.
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- Haban, Joseph. Corn sheller. 2,833,286, 5-6-58, Cl. 130-6.
- Habenicht, August F. Piston assembly. 2,860,936, 11-18-58, Cl. 309-29.
- Haber, Charles P.: *See* Fitzgerald, Cornelius G., Haber, and Lawton. 2,853,517.
- Haber, Edward H.: *See* Daniels, Charles J., and Haber. 2,846,166.
- Haber, Elaine, and M. Cuff links for garments. 2,834,079, 5-13-58, Cl. 24-97.

- Haber, Frida, Napkin positioning undergarment. 2,859,752, 11-11-58, Cl. 128-288.
- Haber, Milton: *See—*
- Haber, Elaine and M. 2,834,079.
- Haberhauser, Karl, to Durkoppwerke Aktiengesellschaft, Shuttletess loom. 2,818,882, 1-7-58, Cl. 139-123.
- Haberhorn, Erich, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, Vertical take-off and landing aircraft. 2,846,164, 8-5-58, Cl. 244-12.
- Haberhorn, Otto, to Walther Buromaschinen Gesellschaft m. b. H. Zero printing device. 2,834,289, 5-13-58, Cl. 101-95.
- Haberl, Karl, W. Jahnentz, and R. Hilgert, to Chemische Werke Huls Aktiengesellschaft, Process of separating carbon black from gases. 2,822,062, 2-4-58, Cl. 183-120.
- Haberland, Frederick C., to Borg-Warner Corp., Pump with pressure loaded bushings. 2,823,615, 2-18-58, Cl. 103-126.
- Haberland, Harry W., to Inter-Collegiate Press, Inc., Control for printing press side guide. 2,826,412, 3-11-58, Cl. 271-86.
- Haberlin, Hans P., to Georg Fischer Akt., Sand blast molding machine. 2,861,301, 11-25-58, Cl. 22-10.
- Haberman, Alexander, Method of making shirts and the like. 2,835,898, 5-27-58, Cl. 2-115.
- Habernickel, Valentin, to Henkel & Cie. G. m. b. H. Process for producing alkali metal silicates. 2,829,030, 4-1-58, Cl. 23-110.
- Habersberger, Frank, and J. E. Politi, to Kelco Co., Alginate di-ammonium phosphate compositions for textile printing pastes. 2,857,236, 10-21-58, Cl. 8-62.
- Haberstump, Alfred H., to Illinois Tool Works, Powder screwdriver. 2,820,494, 1-21-58, Cl. 144-32.
- Habeshaw, John, and R. W. Rae, to The British Petroleum Co. Ltd., Production of aldehydes. 2,821,559, 1-28-58, Cl. 260-604.
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- Habgood, Bernard J.: *See—*
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- Habgood, Henry W., to Canadian Patents and Development Ltd., Removal of nitrogen from natural gas. 2,843,219, 7-15-58, Cl. 183-114.2.
- Habicht, Ernst: *See—*
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- Martin, Henry, and Habicht. 2,861,987.
- Habighurst, Becker: *See—*
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- Hachiya, Shigeo, T. Uchiyama, and M. Aihara, to Yawata Iron and Steel Co., Ltd., Casting of ferrous ingots. 2,837,800, 6-10-58, Cl. 22-215.
- Hachmuth, Karl H., R. D. Kuerston, R. L. McIntire, and R. O. Shelton, to Phillips Petroleum Co., Removal of CO₂ from natural gas. 2,826,266, 3-11-58, Cl. 183-114.6.
- Hack, Morton, to Ripple Sole Corp., Resilient shoe soles. 2,833,057, 5-6-58, Cl. 36-59.
- Hackedorn, Hillis F., Jr.: *See—*
- Schurger, David L., and Hackedorn. 2,848,763.
- Hackel, Walter, and F. Lentze, to Licentia Patent-Verwaltungs-G. m. b. H., Electric control system. 2,866,407, 12-30-58, Cl. 101-181.
- Hackenberg, Robert A.: *See—*
- Vines, Oscar L., and Hackenberg. 2,858,013.
- Hackenburg, Herman J., Electropolishing apparatus. 2,853,447, 9-23-58, Cl. 204-214.
- Hacker, Arden R., to The Goodyear Tire & Rubber Co., Belt. 2,850,420, 9-2-58, Cl. 154-52.1.
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- Sillman, Louis, and Hacker. 2,841,891.
- Hacker, Oskar, Tracklaying tractor with exchangeable working implements. 2,856,706, 10-21-58, Cl. 37-117.5.
- Hacker, Oskar, Suspension for tread supporting wheels of endless tread vehicles. 2,861,642, 11-25-58, Cl. 180-9.1.
- Hackett, William S., and D. J. Henry, to General Motors Corp., Method of casting in shell molds. 2,845,669, 8-5-58, Cl. 22-200.
- Hackman, Robert L., to Union Carbide Corp., Electric arc projection welding. 2,829,238, 4-1-58, Cl. 219-127.
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- Hairston, Festus. Sleeping attachment for vehicles. 2,821,427, 1-28-58, Cl. 296-23.
- Haisch, Albert C.: *See—*
- Hudson, Tom N., Thornburg, and Haisch. 2,865,603.
- Haisch, Albert C., to Bucyrus-Erie Co. Automatic cable-clamping mechanism for cable-tool drill. 2,865,604, 12-23-58, Cl. 255-11.
- Haislet, John A., to Riegel Paper Corp. Tree poisoning axe. 2,846,817, 8-12-58, Cl. 47-57.5.
- Haislip, Albert S. Electric shaver with hair grooming device. 2,826,812, 3-18-58, Cl. 30-34.
- Hait, James M.: *See—*
- Hoffman, John D., Jr., and Hait. 2,843,251.
- Hait, James M., to Food Machinery and Chemical Corp. Fruit transferring and rejecting means. 2,853,108, 9-23-58, Cl. 146-73.
- Hajny, Charles E., to Baso Inc. Modulating fuel control apparatus. 2,857,103, 10-21-58, Cl. 236-9.
- Hajos, Eugene, to Premier Laundry, Inc. Machine for storing and feeding articles of linen. 2,829,451, 4-8-58, Cl. 38-8.
- Haka, George F. Tool for cleaning blind bores. 2,846,710, 8-12-58, Cl. 15-315.
- Hakala, Thomas H.: *See—*
- Scheeline, Harold W., Hubbard, and Hakala. 2,825,746.
- Hakala, Thomas H., and W. R. F. Guyer, to Esso Research and Engineering Co. Treatment for reduction of foaming characteristics of contaminated sulfuric acid in ethanol production. 2,849,496, 8-26-58, Cl. 260-639.
- Hakanson, Hans E. W., to Gusums Bruks Aktiebolag. Press-button of plastic or like material. 2,838,820, 6-17-58, Cl. 24-216.
- Hake, Percy J., to United States Steel Corp. Method of assembling a seal for blast-furnace distributor. 2,864,158, 12-16-58, Cl. 29-106.
- Hake, Walter T., to American Steel Foundries. Power clamping unit. 2,831,236, 4-22-58, Cl. 29-1.
- Hake, Walter T., and H. E. Laubach, to American Steel Foundries. Rail elevating device. 2,854,868, 10-7-58, Cl. 77-4.
- Hakker, Petrus J., and G. H. Weber, to North American Philips Co., Inc. Method of making a permanent magnet. 2,837,483, 6-3-58, Cl. 252-62.5.
- Hakle-Werke Hans Klenk: *See—*
- Ziegler, Josef. 2,833,669.
- Hakomaki, Raymond I., to United States of America, Air Force. Combined appendix and inflation tube. 2,845,236, 7-29-58, Cl. 244-31.
- Halahan, John, T. F. Aronson, and F. A. Lyon, to Halm Instrument Co., Inc. Paper feeding mechanism. 2,834,596, 5-13-58, Cl. 271-29.
- Halahan, John, T. F. Aronson, and F. A. Lyon. Bottle capping machine. 2,840,969, 7-1-58, Cl. 53-310.
- Halahan, John, T. F. Aronson, and F. A. Lyon. Article handling means. 2,849,099, 8-26-58, Cl. 198-33.
- Halahan, John, T. F. Aronson, and F. A. Lyon. Sheet feeder. 2,849,232, 8-26-58, Cl. 271-29.
- Halahan, John, T. F. Aronson, and F. A. Lyon. Sheet feeding means. 2,861,803, 11-26-58, Cl. 271-29.
- Halamka, Charles J.: *See—*
- Howard, Francis M., and Halamka. 2,852,445.
- Halbach, Ralph H., to Dorr-Oliver Inc. Strainer cleaning. 2,841,287, 7-1-58, Cl. 210-414.
- Halberg, Robert W., and W. R. Laster, to Borg-Warner Corp. Self-aligning universal joint. 2,826,051, 3-11-58, Cl. 64-17.

- Halberstadt, Charles C., to The Budd Co. Apparatus for ejecting articles from a press. 2,848,035, 8-19-58, Cl. 153-48.
- Halbreich, Oscar, to Kem Button Corp. Shank button feeders. 2,843,069, 7-15-58, Cl. 112-113.
- Halbrook, Raymon L., M. S. Harris, and K. S. Kennerly, to Gulf Oil Corp. Tool and guide therefor. 2,847,075, 8-12-58, Cl. 166-241.
- Haldas, Walter J., to Lone Star Cement Corp. Slow setting cement compositions. 2,848,340, 8-19-58, Cl. 106-90.
- Hale, Alfred A., to Phillips Petroleum Co. Multiple-level TCC catalyst stripping. 2,851,403, 9-9-58, Cl. 196-52.
- Hale, Arlan B., M. L. Brown, and S. E. Parrish, to Union Carbide Corp. Pulverized coal feeding and pressurizing system. 2,841,101, 7-1-58, Cl. 110-104.
- Hale, Arthur N., to The Singer Mfg. Co. Sewing machine needle positioning means. 2,847,956, 8-19-58, Cl. 112-219.
- Hale, Arthur N., M. F. Ivanko, and R. P. Graham, to The Singer Mfg. Co. Sewing machines. 2,822,771, 2-11-58, Cl. 112-65.
- Hale, Betty L.: *See*—
Hale, Charles B. 2,830,430.
- Hale, Charles B., $\frac{1}{2}$ to B. L. Hale, and $\frac{1}{2}$ to V. H. Humphries. Dual action rake. 2,830,430, 4-15-58, Cl. 56-400.2.
- Hale, Charles W.: *See*—
Simpson, Justin, and Hale. 2,866,548.
- Hale, Edward C., and J. L. Stokes, to Abitibi Power & Paper Co. Ltd. Disperser feed device. 2,825,388, 3-4-58, Cl. 154-1.
- Hale, Hayden E., to Shakespeare Products Co. Drive selector mechanism. 2,848,902, 8-26-58, Cl. 74-502.
- Hale, Kellen E., and H. D. Fowle, Garment pressing machine. 2,810,938, 7-1-58, Cl. 38-36.
- Hale, Loren, Mixing and dispensing apparatus. 2,858,116, 10-28-58, Cl. 259-7.
- Hale, Phillip D., $\frac{5}{8}$ to G. H. Ferriman. Television antenna. 2,821,710, 1-28-58, Cl. 343-806.
- Hale, Randall H. Orthopraxis appliance for the back. 2,828,737, 4-1-58, Cl. 128-78.
- Hale, Wallace M.: *See*—
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- Hale, William F.: *See*—
Olson, Henry L., Miller, and Hale. 2,863,378.
- Hale, William J., to Verdurin Co. Process of treating chocolate liquor. 2,824,801, 2-25-58, Cl. 99-23.
- Hale, William J., to Verdurin Co. Process of treating coffee. 2,824,805, 2-25-58, Cl. 99-68.
- Hale, William J., to Verdurin Co. Method of treating tobacco smoke. 2,832,351, 4-29-58, Cl. 131-10.
- Hales, Everett B.: *See*—
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- Hales, Everett B., and L. A. Greenwood, Jr., to General Precision Laboratory, Inc. Gray scale calibrator. 2,832,072, 4-22-58, Cl. 343-5.
- Hales, Ralph A., and R. H. Varland, to Atlas Powder Co. Purification of beta-glucose pentaacetate. 2,857,378, 10-21-58, Cl. 260-234.
- Hales, Richard T., to J. & E. Hall, Ltd. Expansion valves for refrigeration plants. 2,828,936, 4-1-58, Cl. 251-86.
- Halex Corp.: *See*—
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- Haley, Albert W. Toy cannon. 2,853,990, 9-30-58, Cl. 124-2.
- Haley, Floyd C., to E. I. du Pont de Nemours and Co. Apparatus and processes for concentrating and evaporating liquids. 2,866,499, 12-30-58, Cl. 159-6.
- Haley, Francis E.: *See*—
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- Haley, Harry L. Centrifugal speed reminder. 2,857,488, 10-21-58, Cl. 200-80.
- Haley, Kenneth M.: *See*—
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- Haley, Kenneth M., H. V. Trask, and W. C. Larter, to Norton Oglebay and Co. Apparatus for making pellets. 2,834,043, 5-13-58, Cl. 18-1.
- Haley, Rupert G.: *See*—
Sanders, Paul L., and F. E. and R. G. Haley. 2,839,792.
- Halford, Frank B., and A. R. B. Gay, to The De Havilland Engine Co. Ltd. Gas turbines. 2,859,934, 11-11-58, Cl. 253-39.1.
- Halford, Frank B., and W. K. Wilson, to The De Havilland Engine Co. Ltd. Multi-stage turbine rotor assemblies. 2,860,851, 11-18-58, Cl. 253-39.15.
- Halford, Frank B., and P. Crossland, to The De Havilland Engine Co. Ltd. Fuel supply systems for liquid fuel engines. 2,865,442, 12-23-58, Cl. 158-36.3.
- Halgren, John A., to International Harvester Co. Means and method for strengthening shouldered assemblies. 2,853,328, 9-23-58, Cl. 287-117.
- Halicki, Raymond J.: *See*—
Blume, Melvin R., and Halicki. 2,830,686.
- Haliczer, Marcus. Accordion-folded face mask. Re. 24,549, 10-14-58, Cl. 128-141.
- Halik, Raymond R., to Socony Mobil Oil Co., Inc. Conversion method and apparatus. 2,846,369, 8-5-58, Cl. 196-52.
- Halik, Raymond R., to Socony Mobil Oil Co., Inc. Hydrocarbon conversion method and apparatus. 2,846,371, 8-5-58, Cl. 196-52.
- Halik, Raymond R., and J. W. Payne, to Socony Mobil Oil Co., Inc. Method and apparatus for feeding hydrocarbons and solid particles in a moving bed conversion process. 2,846,370, 8-5-58, Cl. 196-52.
- Hall, Albert C., to the United States of America as represented by the Secretary of the Air Force. Control system for guided missiles. 2,824,710, 2-25-58, Cl. 244-14.
- Hall, Albert H., and E. J. McCloskey, to The American Pulley Co. Overload release torque arms. 2,818,953, 1-7-58, Cl. 192-150.
- Hall, Arthur D., to Bell Telephone Laboratories, Inc. Transistor decade counter. 2,860,258, 11-11-58, Cl. 307-88.5.
- Hall, C. P., Co.: *See*—
Hill, Norman C., and Higuchi. 2,841,601.
Hill, Norman C., and Kucski. 2,824,134.
Hill, Norman C., and Kucski. 2,831,883.
Hill, Norman C., and Kucski. 2,858,335.
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- Hall, C. P., Co. of Illinois, The: *See*—
Corcoran, Geraldine B. 2,824,135.
Kucski, Vincent P. 2,824,123.
- Hall, Carlton H., $\frac{1}{4}$ to S. S. Thompson and E. F. Thomas. Hypodermic needle sharpener. 2,838,883, 6-17-58, Cl. 51-92.
- Hall, Cecil E., to Neutro-Gear, Inc. Door-operated safety device for motor vehicles having push-button controlled transmissions. 2,823,755, 2-18-58, Cl. 180-82.
- Hall, Charles N. Masking device for tire side-walls. 2,835,222, 5-20-58, Cl. 118-505.
- Hall, David G. Protective apparatus for grinding machines. 2,821,228, 1-28-58, Cl. 146-182.
- Hall, Dick S., and L. E. Dean, to Phillips Petroleum Co. Apparatus and method for quenching pyrolysis products. 2,827,125, 3-18-58, Cl. 183-2.
- Hall, Don F.: *See*—
Chisholm, Douglas S., and Hall. 2,840,465.
Chisholm, Douglas S., and Hall. 2,861,791.
- Hall, Donald V. Demountable trailer hitch. 2,850,293, 9-2-58, Cl. 280-491.
- Hall, Donivan L., A. E. Middleton, and E. R. Olson, to North Electric Co. Electrical contact alloy of platinum group metal and zinc and method of making same. 2,856,491, 10-14-58, Cl. 200-166.
- Hall, Douglas W.: *See*—
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- Hall, Doyle L., and W. B. Raymond, to W. B. Davis Hosiery Mill, Inc. Transfer applying machine. 2,832,164, 4-29-58, Cl. 41-1.
- Hall, Edward C.: *See*—
Hall, Preston M. 2,845,522.
- Hall, Elisha W., to F. L. & J. C. Codman Co. Rotary abrading tool. 2,819,567, 1-14-58, Cl. 51-193.5.
- Hall, Emory L., to Whirlpool Corp. Electric motor. 2,851,622, 9-9-58, Cl. 310-246.
- Hall, Frank L., to The Goodyear Tire & Rubber Co. Inflating valve. 2,844,182, 7-22-58, Cl. 152-427.
- Hall Gage Sales, Inc.: *See*—
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- Hall, George B.: *See*—
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- Hall, George L., and F. S. Conant, to The Firestone Tire & Rubber Co. Apparatus for determining and evaluating irregularities in pneumatic tires. 2,849,675, 8-26-58, Cl. 324-61.
- Hall, George T. W., to International Standard Electric Corp. Radar trainer. 2,841,885, 7-8-58, Cl. 35-10.4.
- Hall, George V., to Monroe Calculating Machine Co. Electromagnetically operated rotary actuator. 2,828,636, 4-1-58, Cl. 74-99.
- Hall, George V. B., to Thompson Products, Inc. Control valve. 2,846,850, 8-12-58, Cl. 60-97.
- Hall, Gilbert A. Power mower attachment. 2,859,578, 11-11-58, Cl. 56-25.4.
- Hall, Gordon L. Calculating device. 2,825,505, 3-4-58, Cl. 235-78.
- Hall, Harlow H., and R. G. Benedict, to United States of America, Agriculture. Production of a vitamin containing nutritional composition containing antibiotics. 2,846,310, 8-5-58, Cl. 99-9.
- Hall, Harry H., to American Viscose Corp. Anhydrous textile finishes. 2,857,330, 10-21-58, Cl. 252-8.8.
- Hall, Herbert J.: *See*—
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- Hall, Herbert J., to Research-Cottrell, Inc. Method for electrostatically treating gases. 2,841,242, 7-1-58, Cl. 183-114.
- Hall, Herbert J., and H. J. White, to Research Corp. System for energizing electrical precipitators. 2,841,239, 7-1-58, Cl. 183-7.
- Hall, Herbert J., and H. J. White, to Research Corp. Automatic control for electrical precipitators. 2,864,456, 12-16-58, Cl. 183-7.
- Hall, Howard N., and J. W. La Rue, to Pan American Petroleum Corp. Method of recovering petroleum. 2,859,818, 11-11-58, Cl. 166-9.
- Hall, Hugh, to Therm-O-Plastic Products, Inc. Container and bail ear construction. 2,851,187, 9-9-58, Cl. 220-91.
- Hall, J. A., Jr. System and apparatus for analysis of seismographic records. 2,864,167, 12-16-58, Cl. 33-1.

- Hall, J. & E., Ltd.: See—
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- Hall, James A., to Reynolds Metals Co. Convertible tray. 2,830,709, 4-15-58, Cl. 211—153.
- Hall, James H., Jr.: See—
Reddick, Willis C., Blankenbaker, and Hall. 2,826,101.
- Hall, James L. Attachment for railroad flat cars. 2,819,688, 1-14-58, Cl. 105—374.
- Hall, James L. Attachment for railroad flat cars. 2,826,156, 3-11-58, Cl. 105—369.
- Hall, James N., Jr., to Pittsburgh Plate Glass Co. Lift truck. 2,832,490, 4-29-58, Cl. 214—654.
- Hall, James R., to Radio Corp. of America. Capstan for magnetic recorders. 2,819,349, 1-7-58, Cl. 179—100.2.
- Hall, James R., to Radio Corp. of America. Position error assmulator. 2,823,255, 2-11-58, Cl. 178—6.6.
- Hall, James R., and D. E. Singelmann, to Bell Aircraft Corp. Turbojet aircraft engine with thrust augmentation. 2,857,740, 10-28-58, Cl. 60—35.6.
- Hall, Jesse B. Deactivating lamp disposal device. 2,866,604, 12-30-58, Cl. 241—99.
- Hall, Jesse E., Sr. Stop collar. 2,836,446, 5-27-58, Cl. 287—52.
- Hall, Jesse E., Sr. Center tapered stop collar assembly. 2,845,287, 7-29-58, Cl. 287—52.09.
- Hall, Jesse E., Sr. Threaded coupling having staggered rows of wedge pins. 2,864,629, 12-16-58, Cl. 285—81.
- Hall, John I., to Gulf Research & Development Co. Borehole drilling apparatus for preventing lost circulation. 2,849,214, 8-26-58, Cl. 255—24.
- Hall, Joseph E. Wheel suspension for trailers. 2,847,228, 8-12-58, Cl. 280—81.
- Hall, Judd B.: See—
Hall, Samuel S. and J. B. 2,821,718.
- Hall, Lawrence E. Machine for rooting hair. Re. 24,546, 10-7-58, Cl. 112—79.5.
- Hall, Lawrence E. Machine for rooting hair. 2,828,702, 4-1-58, Cl. 112—79.5.
- Hall, Lloyd A., and H. L. Gleason, to The Griffith Laboratories, Inc. Method of preserving fresh frozen pork trimmings. 2,845,358, 7-29-58, Cl. 99—194.
- Hall, Luther A. R., to E. I. du Pont de Nemours and Co. Production of p-methyl benzyl chloride polymers by pyrolysis. 2,836,571, 5-27-58, Cl. 260—2.
- Hall, Marchand B., to Acme Steel Co. Band dispenser. 2,833,489, 5-6-58, Cl. 242—78.7.
- Hall, Marchand B., to Acme Steel Co. Fluid pressure operated tool having relatively movable gripping devices. 2,864,582, 12-16-58, Cl. 254—51.
- Hall, Marchand B., and A. L. Winkler, to Acme Steel Co. Box strapping apparatus. 2,853,938, 9-30-58, Cl. 100—26.
- Hall, Myron W., to Minnesota Mining & Mfg. Co. Acrylic acid derivatives of epoxide resins and method of curing same. 2,824,851, 2-25-58, Cl. 260—45.5.
- Hall, Newton J. Neck brace. 2,820,455, 1-21-58, Cl. 128—87.
- Hall, Newton J. Orthopedic sling. 2,843,114, 7-15-58, Cl. 128—75.
- Hall, Noble H. Apparatus for removing stuck pipe from well bores. 2,832,423, 4-29-58, Cl. 166—221.
- Hall, Oliver C., to Bell Telephone Laboratories, Inc. Alarm sending circuit. 2,859,285, 11-4-58, Cl. 179—27.
- Hall, Orville C.: See—
Tashjian, David R., Hall, and Miller. 2,858,180.
- Hall, Preston M., 50% to E. C. Hall. Method of projection welding of handle or bail ears or lugs upon receptacles. 2,845,522, 7-29-58, Cl. 219—93.
- Hall, Ralph: See—
Smith, Earl L., and Hall. 2,819,233.
- Hall, Ralph E., to Sinclair Refining Co. Catalyst recovery process. 2,862,873, 12-2-58, Cl. 208—83.
- Hall, Reginald H.: See—
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- Hall, Richard E., and F. R. Jones, to The Plessey Co. Ltd. Centrifugal switches. 2,859,294, 11-4-58, Cl. 200—80.
- Hall, Richard L.: See—
Graves, Robert E., Hall, and Karas. 2,835,591.
- Hall, Robert M.: See—
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- Hall, Robert N., to General Electric Co. Semiconductor P-N junction units and method of making the same. 2,822,308, 2-4-58, Cl. 148—1.5.
- Hall, Robert N., to General Electric Co. P-N junction device and method of making the same by local fusion. 2,822,309, 2-4-58, Cl. 148—1.5.
- Hall, Ronald G., to Brock's Crystal Palace Fireworks Ltd. Pyrotechnic masses. 2,841,181, 7-1-58, Cl. 52—23.
- Hall, Rufus V. Watchmaker's hairspring tool. 2,844,055, 7-22-58, Cl. 81—6.
- Hall, Samuel S. and J. B., to The Surety Rubber Co. Rubber glove with reinforced turnback cuff. 2,821,718, 2-4-58, Cl. 2—162.
- Hall, Stephen N.: See—
Clarke, John T. and Hall. 2,843,637.
- Hall, Teller B. Collet construction. 2,835,496, 5-20-58, Cl. 279—1.
- Hall, Thomas C., to Pacific Semiconductors, Inc. Photochemically activated gaseous etching method. 2,841,477, 7-1-58, Cl. 41—42.
- Hall, Thomas C., and C. A. Levi, to Pacific Semiconductors, Inc. Method for diffusing active impurities into semiconductor materials. 2,827,403, 3-18-58, Cl. 148—1.5.
- Hall, Thomas L. Detector. 2,860,304, 11-11-58, Cl. 324—52.
- Hall, Vernon L.: See—
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- Hall, Victor C., to F. J. Stokes Corp. Grading and rejecting device. 2,839,252, 6-17-58, Cl. 241—79.
- Hall, Victor C., to Merck & Co., Inc. Squeezing device for collapsible tube. 2,857,079, 10-21-58, Cl. 222—103.
- Hall, W. E.: See—
Farmer, Charles F. 2,828,646.
- Hall, Waldo J., and R. A. Parsons, to Bendix Aviation Corp. Fuel control for gas turbine engines. 2,825,397, 3-4-58, Cl. 158—36.3.
- Hall, Walter A., to E. I. du Pont de Nemours and Co. Cleaner for automotive cooling system. 2,824,069, 2-18-58, Cl. 252—138.
- Hall, Warren D. Binding strap anchor means. 2,856,866, 10-21-58, Cl. 105—369.
- Hall, Wayne C., D. S. Toffolo, and E. J. West, to United States of America, Navy. Electrostatic precipitator. 2,844,214, 7-22-58, Cl. 183—7.
- Hall, Wilbur L.: See—
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Weiss, Walter J., and Hall. 2,856,356.
Weiss, Walter J., and Hall. 2,856,357.
- Hall, William D.: See—
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- Hall, William M., to Raytheon Mfg. Co. Expandable coaxial line connector. 2,828,471, 3-25-58, Cl. 333—97.
- Hall, William W., Jr., to the United States of America as represented by the Secretary of the Army. Stabilized impedance converter. 2,823,357, 2-11-58, Cl. 333—80.
- Hallada, Donald P., and H. P. Landerl, to E. I. du Pont de Nemours and Co. Process for dyeing polyester fiber. 2,833,613, 5-6-58, Cl. 8—55.
- Halladay, Merton E., and C. W. White, to Tompkins-Johnson Co. Cushioning structure for hydraulic cylinders. Re. 24,532, 9-9-58, Cl. 121—38.
- Hallahan, Gerald B., to Modern Engineering Service Co. Automation organization. 2,836,280, 5-27-58, Cl. 198—19.
- Hallam, Cecil A.: See—
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- Hallam, Cecil A., and S. Pitt, to Western Electric Co., Inc. Pressurized cooling trough for extruders. 2,837,764, 6-10-58, Cl. 18—6.
- Halden, Frederick C., to Hazeltine Research, Inc. Remote-control apparatus. 2,841,700, 7-1-58, Cl. 250—2.
- Halden, Howard C., to Barber-Colman Co. Actuator and link means therefor. 2,854,113, 9-30-58, Cl. 192—141.
- Halden, Karl W., to The Halden Machine Co. Apparatus for synchronized intermittent performance on stock of variable feed rate. 2,843,202, 7-15-58, Cl. 164—49.
- Halden Machine Co. The: See—
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- Halldorsson, Gisli, to Edward Renneburg & Sons Co. Rotary cooler and dryer. 2,857,684, 10-28-58, Cl. 34—66.
- Halle, Friedrich: See—
Ludwig, Richard, Halle, and Legrand. 2,865,919.
- Hallek, Andrew E., and A. E. Wittke, to General Motors Corp. Convertible top header lock assembly. 2,831,718, 4-22-58, Cl. 292—48.
- Hallenbeck, George E.: See—
Hallenbeck, Thomas L. and G. E., and Ninneman. 2,850,789.
- Hallenbeck, Thomas L., G. E. Hallenbeck, deceased (T. L. Hallenbeck, executor), and L. D. Ninneman, to Baker Brothers, Inc. Automatic material working machine. 2,850,789, 9-9-58, Cl. 29—38.
- Haller, John: See—
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- Haller, John F., to Olin Mathieson Chemical Corp. Manufacture of stabilized concentrated hydrazine compositions. 2,837,410, 6-3-58, Cl. 23—190.
- Haller, John F., to Olin Mathieson Chemical Corp. Electrolytic process of forming hydrazine. 2,841,543, 7-1-58, Cl. 204—59.
- Haller, John F., to Olin Mathieson Chemical Corp. Production of perchlorates. 2,858,188, 10-28-58, Cl. 23—85.
- Haller, Mark N.: See—
Giffin, George S., Killon, and Haller. 2,847,672.
- Haller, Millard E., and G. S. Andrews. Sleeve for joining T bars in installing tile. 2,833,575, 5-6-58, Cl. 287—108.
- Haller, Raymond and Brown, Inc.: See—
McLucas, John L. 2,842,760.
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Raymond, Richard C. 2,836,824.
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- Hallerberg, Don M.: See—
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- Hallerberg, Theodore W.: See—
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- Hallett, Frank M., and H. M. Carter, to Tipton Furniture Co. Glider chair. 2,829,764, 4-8-58, Cl. 155—116.
- Halley, Angus M. Web tension controlling means for use in association with printing machines. 2,847,210, 8-12-58, Cl. 274—2.3.
- Halley, Angus M. Web tension controlling device particularly for use in association with printing machines. 2,847,211, 8-12-58, Cl. 271—2.3.

- Halliburton Oil Well Cementing Co.:** *See—*
 Maly, Joe W., and St. John. 2,847,074.
 Nix, George J. 2,829,670.
 Pittman, Forrest C. 2,846,015.
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- Hallcrafters Co., The:** *See—*
 Marsh, Richard B. 2,842,624.
- Halliday, William, to Kelvin & Hughes Ltd.** Means for producing dispersion in electrical oscillations. 2,843,676, 7-15-58, Cl. 179-100.2.
- Halligan, Henry W.:** *See—*
 Bethard, William F., and Halligan. 2,863,572.
- Halling, Louis E., and R. G. Newell.** Cigarette case time lock device. 2,837,907, 6-10-58, Cl. 70-267.
- Hallman, Nils J., to Aktiebelaget Zander & Ingestrom.** Liquid pumps. 2,253,953, 9-30-58, Cl. 103-255.
- Hallman, Russell H.:** *See—*
 Pettibone, Raymond B., and Hallman. 2,818,813.
- Hallman, Russell H., to Vickers Inc.** Servo circuit with variable back-pressure return. 2,829,495, 4-8-58, Cl. 60-52.
- Hallman, Russell H., to Vickers Inc.** Servo circuit with variable back-pressure return. 2,829,496, 4-8-58, Cl. 60-52.
- Hallmark Cards, Inc.:** *See—*
 Crawford, Fred C. 2,845,736.
 Kneeland, David. 2,820,519.
 Lohnes, Howard E. 2,824,394.
- Hallock, Edward C.** Mounting means for blades for louvers. 2,822,587, 2-11-58, Cl. 20-62.
- Hallowell, Howard T., and F. Bennett, to The American Pulley Co.** Factory truck construction. 2,830,362, 4-15-58, Cl. 29-455.
- Hallpike, Charles S., and L. Blackmore, to National Research Development Corp.** Apparatus for illuminating and inspecting cavities. 2,823,666, 2-18-58, Cl. 128-9.
- Hallsworth, Henry B., to Rubery, Owen & Co., Ltd.** Apparatus for use in the casting of metals. 2,843,895, 7-22-58, Cl. 22-77.
- Hallsworth, Henry B., to Rubery, Owen & Co. Ltd.** Foundry moulding machines. 2,846,739, 8-12-58, Cl. 22-21.
- Hallum, Andrew.** Collapsible transplanting wall. 2,859,558, 11-11-58, Cl. 47-37.
- Hallum, Andrew.** Heating device. 2,859,604, 11-11-58, Cl. 67-21.
- Halm Instrument Co., Inc.:** *See—*
 Halahan, John, Aronson, and Lyon. 2,834,596.
- Haloid Co., The:** *See—*
 Bixby, William E., and Kriss. 2,831,409.
 Byrne, John F. 2,832,311.
 Fauser, Donald L., and Ullrich. 2,824,813.
 Gundlach, Robert W. 2,827,013.
 Hayford, Richard E. 2,843,084.
 Kaiser, Carl B. 2,837,441.
 Mayo, Clyde R., and Cerasani. 2,822,172.
 Ricker, Eugene C. 2,824,545.
 Stockdale, Jerry L., and Meyer. 2,832,511.
 Vyverberg, Robert G. 2,836,725.
 Vyverberg, Robert G., and Neyhart. 2,863,767.
 Walkup, Lewis E. 2,825,814.
 Walkup, Lewis E. 2,833,648.
 Walkup, Lewis E. 2,833,930.
 Walkup, Lewis E., and Carlton. 2,832,977.
- Haloid Xerox Inc.:** *See—*
 Andrus, Paul G. 2,843,499.
 Crumrine, Herbert E., Lewis, and Mayo. 2,852,651.
 Crumrine, Herbert E., Rosenthal, and Bixby. 2,861,543.
 Deulner, Russell L. 2,860,048.
 Hayford, Richard E. 2,844,123.
 Hayford, Richard E. 2,839,129.
 Hayford, Richard E., Kaiser, and Crumrine. 2,862,646.
 Matthews, Earnest P. 2,859,127.
 Matthews, Earnest P., Ricker, and Andrus. 2,859,128.
 Meyer, Carl L., and Andrus. 2,862,817.
 Phillips, Michael D. 2,859,350.
 Ricker, Eugene C. 2,843,295.
 Rosenthal, Joseph F. 2,856,533.
 Schaffert, Roland M. 2,863,768.
 Van Dorn, Warren G. 2,855,324.
 Vyverberg, Robert G. 2,856,535.
 Walkup, Lewis E. 2,847,305.
 Wilson, Joseph C. 2,846,333.
- Halperin, Herbert H., to Sterling Precision Instrument Corp.** Extensible antenna. 2,842,768, 7-8-58, Cl. 343-877.
- Halperin, Benjamin D., W. Karo, and P. Levine, to The Borden Co.** Copolymers of trifluoroethyl acrylate. 2,834,763, 5-13-58, Cl. 260-85.5.
- Halpern, Bernard R.:** *See—*
 Somerville, Stephen L., Urry, and Halpern. 2,845,717.
- Halpern, Israel A., to Item Development Engineering Associates.** Cake disc. 2,829,459, 4-8-58, Cl. 41-10.
- Halpern, Israel A., to Item Development Engineering Associates.** Cake box. 2,829,817, 4-8-58, Cl. 229-36.
- Halpern, Jack:** *See—*
 Forward, Frank A., and Halpern. 2,826,481.
- Halpern, Joseph:** *See—*
 Beinfest, Sidney, Adams, and Halpern. 2,837,560.
 Beinfest, Sidney, Adams, and Halpern. 2,837,561.
 Beinfest, Sidney, Halpern, and Gister. 2,857,680.
 Beinfest, Sidney, Halpern, Gister, Adams, and Zelkind. 2,857,681.
- Halpern, Maurice E.** Warning signal for movable closures such as doors, windows and the like. 2,840,654, 6-24-58, Cl. 200-61.8.
- Halpert, Percy:** *See—*
 Jude, George F., and Halpert. 2,842,324.
- Halpert, Percy, and G. F. Jude, to Sperry Rand Corp.** Glide path system with flare out. 2,841,345, 7-1-58, Cl. 244-77.
- Halpert, Percy, and R. S. Curry, Jr., to Sperry Rand Corp.** Object controlling servo system. 2,845,239, 7-29-58, Cl. 244-77.
- Halphon, Fabio G. Jr.:** *See—*
 Whitten, Charles H. 2,842,857.
- Halpin, John G.** Portable re-roll, inspection, measuring and cutting unit for rugs. 2,834,558, 5-13-58, Cl. 242-56.
- Halprin, Sol:** *See—*
 Laube, Grover, and Halprin. 2,838,975.
- Hälsig, Hans, to General Motors Corp.** Motor vehicle hand brake mechanisms. 2,826,091, 3-11-58, Cl. 74-503.
- Halstead, John F., to International Cigar Machinery Co.** Cigar mouthpiece feed. 2,827,904, 3-25-58, Cl. 131-88.
- Halstead, Marian.** Garment for feminine wear. 2,822,547, 2-11-58, Cl. 2-30.
- Halstead, Ralph T.:** *See—*
 De Gauge, Charles L. E., Jr., and Halstead. 2,861,964.
- Halsted, Richard E., to General Electric Co.** Electroluminescent devices and circuits. 2,836,766, 5-27-58, Cl. 315-151.
- Haltenberger, Jules.** Automobile hood self-aligning hinge mounting. 2,826,256, 3-11-58, Cl. 180-69.
- Haltenberger, Jules.** Automobile glass transparency device. 2,837,018, 6-3-58, Cl. 98-2.
- Halter, Allan C., to Allis-Chalmers Mfg. Co.** Motor control system responsive to counter electromotive force. 2,834,927, 5-13-58, Cl. 318-77.
- Halter, Richard C., and J. R. Miller, to Esso Research and Engineering Co.** Process for improving the quality of lubricating oils. 2,865,839, 12-23-58, Cl. 208-96.
- Haltmar, John J., Jr.** Safety seat and seat belt construction for motor vehicles. 2,819,095, 1-7-58, Cl. 280-150.
- Haltmeier, Alfred, to Farbenfabriken Bayer.** Combination by successive explosions. 2,826,369, 3-11-58, Cl. 241-1.
- Haltmeier, Alfred, to Farbenfabriken Bayer Akt.** Apparatus for scrubbing gases. 2,865,619, 12-23-58, Cl. 261-116.
- Halus, Michael N., and S. W. Holcomb.** Ionic diode device. 2,830,233, 4-8-58, Cl. 315-163.
- Haluska, Loren A.:** *See—*
 Clark, Harold A., and Haluska. 2,831,010.
- Haluska, Loren A., to Dow Corning Corp.** Organosiloxane ethers. 2,846,458, 8-5-58, Cl. 260-448.2.
- Halvarson, Ralph E.** Strap tightener. 2,830,783, 4-15-58, Cl. 248-361.
- Halverson, Milton A.** Trailer hitch. 2,849,243, 8-26-58, Cl. 280-491.
- Halvorsen, Henry K. and H. K., Jr.** Plywood stacking machine. 2,866,642, 12-30-58, Cl. 271-89.
- Halvorsen, Henry K., Jr.:** *See—*
 Halvorsen, Henry K. and H. K., Jr. 2,866,642.
- Halvorsen, Ralph H.:** *See—*
 Goetz, Maurus T., and Halvorsen. 2,838,114.
- Halvorsen, Ralph H., to Teletypesetter Corp.** Control unit for composing machines. 2,822,420, 2-4-58, Cl. 178-26.
- Halvorson, Harlan L., ½ to J. R. Kensok.** Self-hook setter. 2,850,830, 9-9-58, Cl. 43-15.
- Halvorson, Robert L., and F. S. Beale, to Westinghouse Electric Corp.** Radio communication system. 2,862,056, 11-25-58, Cl. 179-2.5.
- Halvorson Trees, Inc.:** *See—*
 Pazandak, Louis A. 2,838,789.
- Ham, Edward A.:** *See—*
 Brink, Norman G., Ham, Harman, and Sarett. 2,847,425.
 Harman, Robert E., Brink, Ham, and Sarett. 2,847,412.
- Ham, Emmett P.** 50% to J. O. Ham. Paper holding device. 2,855,935, 10-14-58, Cl. 129-11.
- Ham, George E., to The Chemstrand Corp.** Method of purifying aromatic dicarboxylic acids. 2,849,483, 8-26-58, Cl. 260-516.
- Ham, George E., to The Chemstrand Corp.** Polymeric vinylcarbazole fiber-forming compositions. 2,850,477, 9-2-58, Cl. 260-45.5.
- Ham, James O.:** *See—*
 Ham, Emmett P. 2,855,935.
- Ham, Leslie E.:** *See—*
 Jackson, Archibald K., and Ham. 2,854,911.
- Hamacher, Edward A., to North American Philips Co., Inc.** X-ray apparatus. 2,829,262, 4-1-58, Cl. 250-53.
- Hamai, Jiro.** Apparatus for sharpening small drills. 2,833,092, 5-6-58, Cl. 51-219.
- Hamalainen, Carl:** *See—*
 Reeves, Wilson A., Hamalainen, and Guthrie. 2,861,901.
- Hamalainen, Carl, to the United States of America as represented by the Secretary of Agriculture.** Alkenyl phosphonitrilic ester polyhalohydrocarbon adducts. 2,825,718, 3-4-58, Cl. 260-80.
- Hamann, Kenneth R.** Binaural system. 2,849,540, 8-26-58, Cl. 179-100.1.
- Hamann, Omer F.:** *See—*
 McNaney, Joseph T., Hamann, and Redman. 2,824,250.
- Hamann, Omer F., to General Dynamics Corp.** Convergence means. 2,855,530, 10-7-58, Cl. 813-77.

- Hamberg, Gustav S., and O. G. A. Lidén, said Hamberg assor. to said Lidén. Heating apparatus. 2,852,017, 9-16-58, Cl. 126-90.
- Hamblen, William H.: See—
Stephenson, Joe B. 2,840,100.
- Hamblin, Charles L., to The General Electric Co. Ltd. Electronic circuits for deriving a voltage proportional to the logarithm of the magnitude of a variable quantity. 2,849,706, 8-26-58, Cl. 343-7.3.
- Hamblin, George B., to The Union Metal Mfg. Co. Scale for lift truck or the like. 2,850,181, 9-2-58, Cl. 214-2.
- Hamblin, Leslie F., to Sentinel (Shrewsbury) Ltd. Load transferring vehicle coupling or hitch. 2,828,112, 3-25-58, Cl. 280-406.
- Hambrick, William T. Centering and marking tool for pipes. 2,834,116, 5-13-58, Cl. 33-189.
- Hamburgen, Arthur, and E. C. Greanias, to International Business Machines Corp. Clipping circuit with clipping level automatically set by average input level. 2,855,513, 10-7-58, Cl. 250-27.
- Hame, Trevor G.: See—
Gammon, Michael M. J., and Hame. 2,863,148.
- Hamel, Edward E., to E. I. du Pont de Nemours and Co. Production of 1,4-dichlorobutane. 2,852,532, 9-16-58, Cl. 260-346.1.
- Hamel, Matthew: See—
Sreigmann, Ernst A., Hamell, and Idson. 2,838,402.
- Hament, Louis. Liquid purification apparatus. 2,834,466, 5-13-58, Cl. 210-120.
- Hamer, Leland S. Visible wedge valve. 2,845,951, 8-5-58, Cl. 138-94.5.
- Hamer, Leland S. Balanced visible wedge valve. 2,861,599, 11-25-58, Cl. 138-94.3.
- Hamerschlag, Allan H.: See—
Juda, Walter, and Hamerschlag. 2,860,096.
Juda, Walter, and Hamerschlag. 2,860,097.
- Hamlin, Jerry F. Stud driving tool. 2,855,601, 10-14-58, Cl. 1-47.
- Hamill, Raymond L.: See—
Ingwersen, Richard C., and Hamill. 2,831,086.
- Hamilton, Alexander H. Mounting and lubricating means for vertical spindles. 2,859,584, 11-11-58, Cl. 57-134.
- Hamilton, Bertis F., deceased; W. S. Hamilton, executor of said B. F. Hamilton, to Hamilton Mfg. Corp. Chair-back mounting. 2,825,394, 3-4-58, Cl. 155-196.
- Hamilton, Bertis F., deceased; W. S. Hamilton, executor, to Hamilton Mfg. Corp. Chair with resiliently supported seat. 2,855,978, 10-14-58, Cl. 155-18.
- Hamilton, Billy H., to Bell Telephone Laboratories, Inc. Current supply apparatus for load voltage regulation. 2,850,694, 9-2-58, Cl. 323-22.
- Hamilton, Dallas E., and T. J. Cogdell, to The Dow Chemical Co. Separation of 2-fluoropropene. 2,831,902, 1-22-58, Cl. 260-655.
- Hamilton, Donald A.: See—
Gossett, Fred C., and Hamilton. 2,856,929.
- Hamilton, Douglas J., to Hughes Aircraft Co. Transistor current gate. 2,840,726, 6-24-58, Cl. 307-88.5.
- Hamilton, Douglas J., to Hughes Aircraft Co. Pulse generator. 2,843,743, 7-15-58, Cl. 250-36.
- Hamilton, Earl F., to Hamilton Mfg. Corp. Chair. 2,851,090, 9-9-58, Cl. 155-194.
- Hamilton, Earl F., to Hamilton Mfg. Corp. Chair. 2,860,692, 11-18-58, Cl. 155-139.
- Hamilton, Eugene B. Filter funnel. 2,835,392, 5-20-58, Cl. 210-477.
- Hamilton, Francis E., and E. S. Hughes, Jr., to International Business Machines Corp. Timing and clocking circuits. 2,819,457, 1-7-58, Cl. 340-253.
- Hamilton, Fred A. Slack pawl for looms. 2,834,380, 5-13-58, Cl. 139-313.
- Hamilton, James O., and J. P. Laico, to Bell Telephone Laboratories, Inc. Reflex klystron. 2,847,609, 8-12-58, Cl. 315-522.
- Hamilton, James P.: See—
Raimor, William C., Wilckens, Germak, Hamilton, and Redding. 2,840,658.
- Hamilton, Jefferson M., and L. Spiegler, to E. I. du Pont de Nemours and Co. Method of preparing hydrogenation catalysts. 2,837,337, 10-21-58, Cl. 252-472.
- Hamilton, Joseph C., to Owens-Illinois Glass Co. Turret and stop mechanism therefor. 2,862,402, 12-2-58, Cl. 74-526.
- Hamilton, Joseph R.: See—
Arbuckle, Robert M., and Hamilton. 2,823,492.
- Hamilton, Lyle A., P. S. Landis, and F. M. Seger, to Socony Mobil Oil Co., Inc. Metal salts of phosphorus pentasulfide-olefin reaction products. 2,824,062, 2-18-58, Cl. 252-32.7.
- Hamilton Mfg. Corp.: See—
Hamilton, Bertis F. 2,825,394.
Hamilton, Bertis F. 2,855,978.
Hamilton, Earl F. 2,851,090.
Hamilton, Earl F. 2,860,692.
Heaverty, James A. 2,838,693.
Paulsen, Paul L., and Altmann. 2,861,386.
- Hamilton, Ray V., to Glicher, Inc. Acoustical filters for the exhaust of internal combustion engines. 2,839,151, 6-17-58, Cl. 181-57.
- Hamilton, Robert B., to Ryan Aeronautical Co. Triad transistor amplifier. 2,863,957, 12-9-58, Cl. 179-171.
- Hamilton, Robert V.: See—
Cusic, John W., and Hamilton. 2,838,507.
Dodson, Raymond M., and Hamilton. 2,862,939.
- Hamilton, Russel D., to Chadeloid Corp. Stain and method of application. 2,855,369, 10-7-58, Cl. 252-301.3.
- Hamilton, Sanborn. Variable difficulty devices. 2,826,828, 3-18-58, Cl. 35-9.
- Hamilton-Skotch Corp.: See—
Piker, Herbert M. 2,838,194.
Piker, Herbert M. 2,838,211.
Piker, Herbert M., and Schultheiss. 2,863,581.
- Hamilton Tool Co. The: See—
Franzmann, William H. 2,829,886.
Franzmann, William H. 2,829,887.
Franzmann, William H. 2,859,935.
Huffman, Harold W. 2,863,387.
- Hamilton, W. C., & Sons: See—
Hanson, Hugo H. 2,866,707.
- Hamilton Watch Co.: See—
Carson, James E. 2,834,338.
Davis, William L. 2,823,324.
Evans, Samuel L. 2,850,791.
Le Van, James O. 2,823,512.
Pedrick, Donald R. 2,829,440.
Rhyne, John W., Jr. 2,837,590.
Rhyne, John W., Jr. 2,837,591.
Rueger, Herman. 2,837,593.
Van Horn, John A. 2,838,693.
- Hamilton, William. Pencil sharpener. 2,853,053, 9-23-58, Cl. 120-96.
- Hamilton, William C., and R. M. Bovard, to Mine Safety Appliances Co. Closed circuit breathing apparatus. 2,852,023, 9-16-58, Cl. 128-203.
- Hamilton, William F.: See—
Craig, Edwin R., and Hamilton. 2,837,657.
- Hamilton, William S.: See—
Hamilton, Bertis F. 2,825,394.
Hamilton, Bertis F. 2,855,978.
- Hamilton, William S. Continuous envelope. 2,824,686, 3-25-58, Cl. 229-69.
- Hamisch, Paul H.: See—
Rieger, Frederic L., and Hamisch. 2,826,988.
- Hamister, Victor C., to Union Carbide Corp. Heating finely-divided solid reactants. 2,840,458, 6-24-58, Cl. 23-205.
- Hamjian, Harry J., and F. N. Darmara, to Kelsey-Hayes Co. Means for making die inserts. 2,847,708, 8-19-58, Cl. 18-34.
- Hamlet, Buck C., to Cook Bros. Equipment Co. Hopper dumping closure. 2,821,433, 1-28-58, Cl. 298-30.
- Hamlet, John C.: See—
Oughton, John F., Jones, and Hamlet. 2,855,414.
Walker, Thomas, Jones, and Hamlet. 2,831,874.
Walker, Thomas, Jones, and Hamlet. 2,848,463.
- Hamlet, John C., A. C. Ritchie, and L. J. Wyman, to Glaxo Laboratories Ltd. Process for preparing 3-esters of 11a:23-dibromococogenin. 2,856,403, 10-14-58, Cl. 260-239.55.
- Hamlett, Sidney J., to White Sewing Machine Corp. Bobbin winder. 2,840,022, 6-24-58, Cl. 112-218.
- Hamlett, Sidney J., to White Sewing Machine Corp. Booster arm for drop head sewing machine. 2,844,431, 7-22-58, Cl. 312-30.
- Hamlin, Bess E.: See—
Hamlin, Jerry F., Magnuson, and Daugherty. 2,864,525.
- Hamlin, Charles E., to North American Aviation, Inc. Double acting piston seal. 2,866,674, 12-30-58, Cl. 309-33.
- Hamlin, Ella E. Picture frame securing bracket. 2,820,311, 1-21-58, Cl. 40-156.
- Hamlin, Jerry F., and L. Newman. Method and apparatus for assembling rivets. 2,844,924, 7-29-58, Cl. 53-26.
- Hamlin, Jerry F., and L. Newman. Method and apparatus for assembling rivets. 2,861,407, 11-25-58, Cl. 53-40.
- Hamlin, Jerry F., R. M. Magnuson, and R. K. Daugherty, $\frac{1}{2}$ to J. F. Hamlin, $\frac{1}{4}$ to B. E. Hamlin, $\frac{1}{4}$ to R. M. Cuykendall, $\frac{1}{4}$ to M. Cuykendall, $\frac{1}{4}$ to Louise Newman, and $\frac{1}{4}$ to Louis Newman. Riveting tool. 2,864,525, 12-16-58, Cl. 218-34.
- Hamlin, Kenneth E., to Abbott Laboratories. 3,4-dibenzoyloxy- β -nitrostyrenes. 2,862,034, 11-25-58, Cl. 260-613.
- Hamlin, Kenneth E., Jr.: See—
Weston, Arthur W., and Hamlin. 2,819,269.
Weston, Arthur W., and Hamlin. 2,861,072.
- Hamlin, Marston L.: See—
Ashkenaz, David M., and Hamlin. 2,828,743.
- Hamm, Acey B. Tackle box. 2,843,442, 7-15-58, Cl. 312-311.
- Hamm, Catherine D.: See—
Hamm, James A. 2,865,040.
- Hamm, Clarence L., to General Electric Co. High speed anti-friction bearings. 2,838,348, 6-10-58, Cl. 308-187.
- Hamm, Clarence L., to General Electric Co. Fluid-cooled dynamoelectric machine. 2,844,745, 7-22-58, Cl. 310-57.
- Hamm, Douglas W., to Muskegon Piston Ring Co. Oil sealing piston ring. 2,821,446, 1-28-58, Cl. 309-45.
- Hamm, Franklin A., to Eastman Kodak Co. Light sensitive composition for photomagnetic printing process. 2,819,963, 1-14-58, Cl. 96-94.
- Hamm, Franklin A., to Eastman Kodak Co. Photomagnetic composition and printing process. 2,823,999, 2-18-58, Cl. 96-35.
- Hamm, Franklin A., to Eastman Kodak Co. Photomagnetic printing process. 2,856,284, 10-14-58, Cl. 96-35.
- Hamm, James A., $\frac{1}{2}$ to C. D. Hamm. Heated windshield wiper blade. 2,865,040, 12-23-58, Cl. 15-250.5.
- Hamm, Leslie. Elevatable protective shell for vehicles. 2,847,720, 8-19-58, Cl. 20-113.

- Hamm, Philip C.: *See*—
Saul, George A., and Hamm. 2,848,492.
Weesner, William E., and Hamm. 2,857,259.
- Hamm, Philip C., and A. J. Speziale, to Monsanto Chemical Co. Herbicides. 2,863,752, 12-9-58, Cl. 71-2-3.
- Hamm, Philip C., and A. J. Speziale, to Monsanto Chemical Co. Selective method of inhibiting pre-emergent growth of grasses. 2,864,679, 12-16-58, Cl. 71-2-3.
- Hamm, Philip C., and A. J. Speziale, to Monsanto Chemical Co. Selective method of inhibiting pre-emergent growth of grasses. 2,864,683, 12-16-58, Cl. 71-2-7.
- Hammack, Charles C. Hot beverage dispensing apparatus for motor vehicles. 2,828,781, 4-1-58, Cl. 141-82.
- Hammack, Kenneth D. Hand controls for automobiles. 2,826,089, 3-11-58, Cl. 74-484.
- Hamman, Denver C., to Illinois Tool Works. Roller assembly. 2,850,333, 9-2-58, Cl. 308-6.
- Hamman, Denver C., to Illinois Tool Works. Molding clip. 2,852,828, 9-23-58, Cl. 24-73.
- Hamman, John A.: *See*—
James William G., Frisby, and Hamman. 2,819,040.
- Hammar, Howard N.: *See*—
May, Frank H., Levasheff, and Hammar. 2,833,623.
- Hammell, Kemper M., to AMP Inc. Electrical connection and method. 2,818,632, 1-7-58, Cl. 29-155.55.
- Hammell, Kemper M., and G. S. Reider, Jr., to AMP Inc. Ratchet type hand tool for severing and crimping magazine fed electrical connectors. 2,812,018, 7-8-58, Cl. 81-15.
- Hammell, Kemper M., and K. Duks, deceased; said Hammell assor. to AMP Inc. Electric terminal applicator. 2,845,108, 7-29-58, Cl. 153-1.
- Hammer, Art H.: *See*—
Minton, Robert M. 2,840,330.
- Hammer, Clarence F., Jr., J. A. Templeton, and J. W. MacGregor, to United States of America, Navy. Gun interference eliminator. 2,839,967, 6-24-58, Cl. 89-41.
- Hammer, Irving P.: *See*—
Martin, James W., Hessel, Hammer, and Rust. 2,843,256.
- Hammer, Samuel, to United Metal Cabinet Corp. Clamp and frame combination for sinks and the like. 2,840,829, 7-1-58, Cl. 4-187.
- Hammer, Samuel. Clamps. 2,843,855, 7-22-58, Cl. 4-187.
- Hammer, Wilhelm. Vise for holding workpieces. 2,818,786, 1-7-58, Cl. 90-60.
- Hammer, William L. Adjustable friction grip household jack. 2,831,655, 4-22-58, Cl. 254-129.
- Hammerand, Donald J.: *See*—
Anderson, Warren W., and Hammerand. 2,844,684.
- Hammermill Paper Co.: *See*—
Rasch, Royal H., Fleming, Leemhuis, and Sutton. 2,847,304.
- Hammers, Harvard E. Metering guides for hand power saws. 2,822,834, 2-11-58, Cl. 143-6.
- Hammerstrom, John, to E. J. Peterson. Process and machine for cutting, offsetting and pressing paper bands. 2,819,657, 1-14-58, Cl. 93-1.
- Hammes, Ever J.: *See*—
Hammes, John W. 2,860,834.
- Hammes, Ever J. Stationary shredder ring for waste comminuting devices. 2,822,988, 2-11-58, Cl. 241-298.
- Hammes, Ever J., $\frac{1}{2}$ to Q. H. Hammes, and $\frac{1}{2}$ to F. Hammes. Rotor for waste comminuting device. 2,832,548, 4-29-58, Cl. 241-296.
- Hammes, Freda: *See*—
Hammes, Ever J. 2,832,548.
- Hammes, John W. 2,860,834.
- Hammes, John P., to Radio Corp. of America. Semiconductor devices. 2,850,687, 9-2-58, Cl. 317-235.
- Hammes, John W. (F. Hammes, executrix), $\frac{1}{2}$ to herself, $\frac{1}{2}$ to E. J. Hammes, and $\frac{1}{2}$ to Q. A. Hammes. Waste disposal apparatus. 2,860,834, 11-18-58, Cl. 241-325.
- Hammes, Quinten A.: *See*—
Hammes, Ever J. 2,832,548.
- Hammes, John W. 2,860,834.
- Hammesfahr, Frederic W., R. L. Hatch, and J. J. Luckhowec, to General Electric Co. Method of generating ozone. 2,822,327, 2-4-58, Cl. 204-176.
- Hammesfahr, Frederic W., and R. L. Hatch, to General Electric Co. Removal of polymerizing agents from convertible organopolysiloxanes. 2,834,753, 5-13-58, Cl. 260-46.5.
- Hammon, George L. Regulator valves. 2,854,207, 9-30-58, Cl. 251-64.
- Hammon, Robert L., to Sperry Rand Corp. System for modifying the monitoring controls of an aircraft gyroscopic reference instrument. 2,821,087, 1-28-58, Cl. 74-5.41.
- Hammond, Clarence O. Cigarette case with humidifying means. 2,862,779, 12-2-58, Cl. 312-31.1.
- Hammond, Elton F., Jr.: *See*—
Gunson, William E., and Hammond. 2,841,956.
- Hammond George E.: *See*—
Saint Amour, John D., and Hammond. 2,861,243.
- Hammond Industries, Inc.: *See*—
Hartnett, Jerome P. 2,831,746.
- Hammond, John G.: *See*—
Estrada, Herbert, Jr., Hammond, and Ward. 2,853,675.
- Hammond, John H., Jr.: *See*—
Purinton, Ellison S. 2,842,614.
- Hammond, John H., Jr., and E. L. Chaffee; said Chaffee assor. to said Hammond. Aerial mapping and profiling system. 2,845,620, 7-29-58, Cl. 343-11.
- Hammond, Laurens, to Hammond Organ Co. Adjustable inductance. 2,835,876, 5-20-58, Cl. 336-134.
- Hammond, Laurens, to Hammond Organ Co. Keyboard and switching mechanism for electrical musical instruments. 2,845,831, 8-5-58, Cl. 84-423.
- Hammond, Laurens, to Hammond Organ Co. Circular scale electrical musical instrument. 2,846,913, 8-12-58, Cl. 84-1.01.
- Hammond, Leslie A.: *See*—
Czulak, Joseph, and Hammond. 2,851,776.
- Hammond, Milton B., and G. B. Bowman, to Rockwell Spring and Axle Co. Electroplating apparatus. 2,833,708, 5-6-58, Cl. 204-222.
- Hammond-Montel, Inc.: *See*—
Montel, Joseph I., and Hammond. 2,843,139.
- Hammond Organ Co.: *See*—
De Vita, Philip J. 2,861,187.
- Hammond, Laurens. 2,835,876.
- Hammond, Laurens. 2,845,831.
- Hammond, Laurens. 2,846,913.
- Hanert, John M. 2,828,659.
- Hanert, John M. 2,830,481.
- Hanert, John M. 2,848,919.
- Hammond, Ralph E.: *See*—
Allen, Herbert, and Hammond. 2,833,510.
- Hammond, Romeyn S., and J. A. Siegfried, to Marketing Specialist, Inc. Toy vehicle. 2,838,875, 6-17-58, Cl. 46-201.
- Hammond, William C.: *See*—
Montel, Joseph I., and Hammond. 2,843,139.
- Hammett, James. Incubator for incubating eggs. 2,864,336, 12-16-58, Cl. 119-40.
- Hamon, Maurice. Cooling of liquids. 2,836,405, 5-27-58, Cl. 261-112.
- Hampden Specialty Products, Inc.: *See*—
Lockshin, Samuel D. 2,843,189.
- Hampe, Frank T.: *See*—
Wengen, Henry R., and Hampe. 2,835,949.
- Hampe, Harry C., to Oswald Refractories Co. Hot top casing. 2,822,591, 2-11-58, Cl. 22-147.
- Hampel, Bernard. Multiple combination indicator device, particularly for labels. 2,828,560, 4-1-58, Cl. 40-5.
- Hampel, Bernard. Adaptable indicator assembly for small articles with interchangeable graphic sign carriers. 2,854,772, 10-7-58, Cl. 40-70.
- Hamprecht, Guenther, A., Immel, and H. Gettert, to Badische Anilin- & Soda-Fabrik Akt. Method of carrying out high temperature reactions in shaft furnaces. 2,863,730, 12-9-58, Cl. 23-208.
- Hampshire Chemical Corp.: *See*—
Singer, John J., and Weisberg. 2,855,428.
- Hampton, John H., to Beaumont Birch Co. Continuous flow conveyor. 2,822,915, 2-11-58, Cl. 198-174.
- Hampton, Robert S., and J. J. Connolly, to Coyne Chemical Co. Method and apparatus for purifying nitrous oxide. 2,850,881, 9-9-58, Cl. 62-32.
- Hampton, Ronald, to Patents and Investments Ltd. Drawing dies. 2,816,056, 8-5-58, Cl. 205-26.
- Hampton, Samuel L. Slide bolt action for firearms. 2,861,374, 11-25-58, Cl. 42-16.
- Hampton, William E., to United Equipment & Service Inc. Self adjusting chock. 2,822,063, 2-4-58, Cl. 188-32.
- Hampton, William G., and W. F. Conable, to Sperry Rand Corp., Ford Instrument Co. Division. Braked electromotor servosystem. 2,826,729, 3-11-58, Cl. 318-448.
- Hamren, Swegn D.: *See*—
Anderson, Carl E., and Hamren. 2,862,288.
- Hamren, Victor E., to Topp Industries Inc. Angle of attack sensor. 2,832,217, 4-29-58, Cl. 73-188.
- Hamrick, Wellington. Clothesline support and tensioning device. 2,840,242, 6-24-58, Cl. 211-119.15.
- Hamshaw, Leonard B. Magazine fed hand tool for applying lead weights to fishing lines. 2,829,550, 4-8-58, Cl. 81-15.
- Hanan Engineering Co. Inc.: *See*—
Franwick, Edmond J., and Ben. 2,855,672.
- Hanchett Magna-Lock Corp.: *See*—
Manting, Jack F. 2,835,085.
- Hancock, Albert S., Jr., to Silent Sioux Corp. Portable multi-fuel space heater. 2,826,190, 3-11-58, Cl. 126-93.
- Hancock, Garson D. Ceiling, wall and floor washer. 2,843,866, 7-22-58, Cl. 15-22.
- Hancock Industries, Inc.: *See*—
Marple, Rollo. 2,854,275.
- McCurdy, Belding H. 2,852,927.
- Hancock Mfg., Inc.: *See*—
Rosset, Adolph, and Stopper. 2,824,706.
- Hancock, Noel W., and E. N. Phillips, to Collins Radio Co. High power ladder network attenuator for frequencies from zero to over one thousand megacycles. 2,820,952, 1-21-58, Cl. 333-81.
- Hancock, Robert D., to Northrop Aircraft, Inc. Quantizer. 2,827,232, 3-18-58, Cl. 235-61.
- Hancock, William M., to Western Electric Co., Inc. Electrical component mounting apparatus. 2,848,718, 8-26-58, Cl. 1-2.
- Hancock, William M., to Western Electric Co., Inc. Article feeding and conditioning apparatus. 2,856,998, 10-21-58, Cl. 164-42.
- Haney, Allan F.: *See*—
Mann, John, and Haney. 2,835,200.
- Hand, George J., Sr., to Decelo-Chute Corp. Aerodynamic aircraft brake. Re. 24,561, 11-11-58, Cl. 244-113.

- Hand, James W., Jr.: *See*—
Matuszak, Alfred H., Hand, and Munday. 2,857,421.
- Hand, John J.: *See*—
Bullock, Milton W., and Hand. 2,826,595.
- Handberg, Christian: *See*—
Okalitch, George J., Zozulin, Handberg, and Falck. 2,823,946.
- Handcraft Co., Inc.: *See*—
Hiestand, Preston E. 2,820,308.
- Handford, William F., and F. Riggs. Wall mounted jar top remover with adjustable diameter split band. 2,837,947, 6-10-58, Cl. 84-3.5.
- Handler, Elliot: *See*—
Frye, Kenneth W., and Handler. 2,845,739.
- Handler, Elliot. Musical toy with movable set. 2,846,222, 8-5-58, Cl. 272-31.
- Handley Brown Heater Co.: *See*—
Handley, Harold E. 2,833,267.
- Handley, Harold E. Drying apparatus and drying attachment for clothes washing machine and the like. 2,827,783, 3-25-58, Cl. 68-12.
- Handley, Harold E., to Handley Brown Heater Co. Combination water heater and space heater. 2,833,267, 5-6-58, Cl. 126-101.
- Handley, Lauren R.: *See*—
Chilton, Ernest G., and Handley. 2,821,205.
- Handling Devices Co., Inc.: *See*—
Moffat, Alexander W. 2,824,335.
- Handling Equipment Mfg. Corp.: *See*—
Bowen, Max E., and Carlson. 2,861,169.
- Handtmann, A., Armaturenfabrik: *See*—
Muller, Hans. 2,854,689.
- Handy, Richard A.: *See*—
Dench, Edward D., and Handy. 2,823,335.
- Haneline, Howard L.: *See*—
Fuchs, Francis J., Jr., and Haneline. 2,832,393.
- Haner, Robert B., Jr., to General Railway Signal Co. Power supply for centralized traffic control system. 2,819,410, 1-7-58, Cl. 307-31.
- Hanert, John M., to Hammond Organ Co. Electrical musical instruments. 2,828,659, 4-1-58, Cl. 84-1.26.
- Hanert, John M., to Hammond Organ Co. Electrical musical instruments. 2,830,481, 4-15-58, Cl. 84-1.01.
- Hanert, John M., to Hammond Organ Co. Tone intensity envelope control for electrical musical instruments. 2,848,919, 8-26-58, Cl. 84-1.26.
- Hanes Hosiery Mills Co.: *See*—
Ivester, Douglas R. 2,828,707.
- Stack, Vernon T. 2,829,740.
- Stack, Vernon T., and Knox. 2,824,436.
- Hanes, James W. E., to Huntsinger Associates. Stop collar for well casing. 2,846,016, 8-5-58, Cl. 287-52.04.
- Hanes, Thomas E., to the United States of America as represented by the Secretary of the Navy. Device for producing mechanical shocks. 2,824,444, 2-25-58, Cl. 73-12.
- Haney, Albert J., Jr.: *See*—
Farmer, Charles F. 2,828,646.
- Hanf, Hobart W. Drain for sprinkler. 2,845,302, 7-29-58, Cl. 299-61.
- Hanford, Victor R., to National Tool Co. Sealed package and method of making the same. 2,861,405, 11-25-58, Cl. 53-22.
- Hanford, William E., to Minnesota Mining and Mfg. Co. Polymerization of trifluorochloroethylene. 2,820,027, 1-14-58, Cl. 260-92.1.
- Hanger, Randolph T., to Boeing Airplane Co. Drill motor collet mounts. 2,839,953, 6-24-58, Cl. 77-13.
- Hanhart, Ernest H.: *See*—
Hinkel, Paul D., and Hanhart. 2,850,888.
- Hanhart, Walter, to Ciba Ltd. Ortho'-dihydroxy-azo-dyestuffs and complex metal compounds thereof. 2,849,435, 8-26-58, Cl. 260-145.
- Hanhart, Walter, and P. Dreyfuss, to Ciba Ltd. Azo-dyestuffs. 2,831,849, 4-22-58, Cl. 260-148.
- Hanington, Charles A., to The Scholl Mfg. Co., Inc. Foot impression device. 2,843,957, 7-22-58, Cl. 41-4.
- Hanington, Charles A., to The Scholl Mfg. Co., Inc. Applicator for tubular bandage. 2,851,034, 9-9-58, Cl. 128-157.
- Hanink, Dean K.: *See*—
Boegehold, Alfred L., Hanink, and Webbere. 2,860,968.
- Hanks Container Co., The: *See*—
Miessler, Paul W., Sr. 2,825,496.
- Hankins, Elinor M.: *See*—
Aycock, Benjamin F., and Hankins. 2,831,833.
- Hanks, Charles W., C. d'A. Hunt, and H. R. Smith, Jr., to Stauffer Chemical Co. Vacuum crucible furnace. 2,848,523, 8-19-58, Cl. 13-31.
- Hanks, William E.: *See*—
McCune, John S., and Hanks. 2,839,270.
- Hankscraft Co.: *See*—
Chapman, David. 2,836,700.
- Conlin, James R., and Schulz. 2,837,625.
- Smith, Hiram B., and Schulz. 2,843,719.
- Hanlet, Jacques M. N., to Visseaux J., S. A. Electromagnetic deflecting means. 2,830,212, 4-8-58, Cl. 313-76.
- Hanlet, Jacques M. N., to Visseaux J., S. A. Electromagnetic deflection means. 2,851,135, 4-15-58, Cl. 313-76.
- Hanlet, Jacques M. N., to Visseaux J., S. A. Electromagnetic deflecting means. 2,831,136, 4-15-58, Cl. 313-76.
- Hanlet, Jacques M. N. Electrical windings. 2,851,765, 9-16-58, Cl. 29-155.5.
- Hanley Hydrojet, Inc.: *See*—
Hanley, Keenan. 2,832,306.
- Hanley, Jack W., and H. N. Braudt, to Kingan, Inc. Process of smoking meat. 2,844,478, 7-22-58, Cl. 99-229.
- Hanley, Keenan, to Hanley Hydrojet, Inc. Steering mechanism for jet-propelled watercraft. 2,832,306, 4-29-58, Cl. 115-12.
- Hanley, William T. Frequency slope detection sonar. 2,839,734, 6-17-58, Cl. 340-3.
- Hanton, Patrick G. Soap dispenser. 2,824,673, 2-25-58, Cl. 222-256.
- Hanner, Robert S., and J. H. Carroll, to Phillips Petroleum Co. Stable high-solids latices. 2,837,502, 6-3-58, Cl. 260-83.7.
- Hann, Douglas G.: *See*—
Gell, Philip A. M., and Hann. 2,863,932.
- Hann, Douglas G., to Elemelt Ltd. Electrodes for glass melting furnaces. 2,843,644, 7-15-58, Cl. 13-6.
- Hanna, Atto N. Curtain clasp. 2,852,831, 9-23-58, Cl. 24-259.
- Hanna, Alton N. Paper clamp or the like. 2,863,202, 12-9-58, Cl. 21-258.
- Hanna, Clinton R., and L. B. Lynn, to Westinghouse Electric Corp. Pilot valve means for hydraulic apparatus. 2,853,090, 9-23-58, Cl. 137-82.
- Hanna, Clinton R., and L. B. Lynn, to Westinghouse Electric Corp. Vehicle stabilizer, tilter and leveling device. 2,860,889, 11-18-58, Cl. 280-112.
- Hanna, Clinton R., and L. B. Lynn, to Westinghouse Electric Corp. Hydraulic power control valve. 2,861,550, 11-25-58, Cl. 121-46.5.
- Hanna, Delbert L., to Allied Chemical Corp. Purification of 1,2,4,5-tetrachlorobenzene by pressing. 2,849,500, 8-26-58, Cl. 260-650.
- Hanna, James A., to General American Transportation Corp. Method of erecting floating roofs. 2,848,799, 8-26-58, Cl. 29-429.
- Hanna, Ralph: *See*—
De Coriolis, Ernest G., Sykes, and Hanna. 2,852,095.
- Hanna, Ralph, to Surface Combustion Corp. Temperature responsive device for plural zone dew point control. 2,849,186, 8-26-58, Cl. 236-15.
- Hanna, Ralph T., and C. G. Hogberg, to United States Steel Corp. Method and apparatus for controlling blast furnaces. 2,822,257, 2-4-58, Cl. 75-41.
- Hanna, Robert P., 49% to C. J. Wilkinson. Whip stock locking and releasing apparatus. 2,823,012, 2-11-58, Cl. 255-1.6.
- Hanna, Terence P., to T. P. Hanna and S. Lamport. Metal sail battens. 2,841,447, 4-22-58, Cl. 114-102.
- Hannah, Dorothy M. Cap spinning frames. 2,833,112, 5-6-58, Cl. 57-127.
- Hannahan, William F., to The Champion Co. Embalming apparatus. 2,836,877, 6-3-58, Cl. 27-24.
- Hannan, William J., to Radio Corp. of America. Motor control circuit. 2,833,935, 6-6-58, Cl. 250-201.
- Hannay, Robert S. E., and W. Kilby, to Standfast Dyers & Printers Ltd. Continuous dyeing of vegetable fibres with vat dyes. 2,827,357, 3-18-58, Cl. 8-34.
- Hannemann, Alfred W.: *See*—
Brockwold, Robert G., and Hannemann. 2,822,082.
- Hanner, Paul J. Building block carrier. 2,821,426, 1-28-58, Cl. 294-26.
- Hanners, Harvey W.: *See*—
Burrows, William F., and Hanners. 2,858,815.
- Hannifin Corp.: *See*—
Hicks, Frederick W., Jr. 2,821,355.
- Hicks, Frederick W., Jr. 2,825,362.
- Hannigsberg, Claude: *See*—
Weill, Camille, Hannigsberg, and Adelaar. 2,820,141.
- Weill, Camille, Hannigsberg, and Adelaar. 2,853,606.
- Hannon, John W. G., to McIntyre Research Foundation. Method of producing an atmosphere protective against silicosis. 2,824,043, 2-18-58, Cl. 167-72.
- Hannon, John W. G., to McIntyre Research Foundation. Method of making alumina powder. 2,837,451, 6-3-58, Cl. 148-6.3.
- Hannon, John W. G., to McIntyre Research Foundation. Aluminum powder. 2,861,880, 11-25-58, Cl. 75-5.
- Hannon, Stephen J., to McKinney Mfg. Co. Sliding door hanger. 2,843,872, 7-22-58, Cl. 16-105.
- Hannon, Thomas W. Electrically heated screen construction. 2,825,461, 3-4-58, Cl. 209-238.
- Hannon, Warren W., to Dit-Mco, Inc. Electrical circuit analyzer. 2,849,677, 8-26-58, Cl. 324-73.
- Hannon, Warren W., to Dit-Mco, Inc. Automatic circuit capacity multiplying apparatus for electrical circuit analyzer. 2,849,678, 8-26-58, Cl. 324-73.
- Hannoversche Maschinenbau-Aktiengesellschaft vormals Georg Egestorff (Hannomag): *See*—
Haverlender, Karl. 2,823,552.
- Hannum, Arthur J.: *See*—
Carman, Justice N., Jr., Hannum, and Gould. 2,856,256.
- Hannomag Akt.: *See*—
Nubling, Otto. 2,866,417.
- Hanovia Chemical & Mfg. Co.: *See*—
Bird, Lester F. 2,825,005.
- Krefft, Hermann E. 2,822,646.
- Hansburg, Milton, and M. Potosky, to United States of America, Navy. Apparatus for producing a servo system test signal. 2,850,689, 9-2-58, Cl. 318-28.

- Hanschke, Albert F., to Worthington Corp. Turbine. 2,837,309, 6-3-58, Cl. 253-71.
- Hanscom, H. F. & Co., Inc.: See—
Hanscom, Harris F. 2,839,137.
- Hanscom, Harris F., to H. F. Hanscom & Co., Inc. Machine for dispensing tape. 2,839,137, 6-17-58, Cl. 164-43.
- Hanse, Albert B., to Pettibone Mulliken Corp. Hammer mills with resilient seal. 2,820,597, 1-21-58, Cl. 241-239.
- Hanse, Albert B., and F. W. Rollins, to Pettibone Mulliken Corp. Stripper bar mounting for rock breaker. 2,824,704, 2-25-58, Cl. 241-286.
- Hansel, Grant, Jr., to General Electric Co. Cobalt base hard surfacing alloy. 2,855,295, 10-7-58, Cl. 75-171.
- Hansella-Werke Albert Henkel Akt.: See—
Gräfinholt, Alfred. 2,859,855.
Thurlings, Hermann. 2,865,311.
- Hanselman, Dwight. Handy bow maker. 2,828,896, 4-1-58, Cl. 223-46.
- Hansen, Albert B. A.: See—
Hartmann, Carl W., and Hansen. 2,838,226.
- Hansen, Albert, Jr., to General Electric Co. Method and apparatus for measuring angular motion. 2,841,760, 7-1-58, Cl. 324-5.
- Hansen, Alfred E. Water and oil degasifying well. 2,833,222, 5-6-58, Cl. 103-113.
- Hansen, Alfred W. Tractor mounted power feeder for bunk feeding. 2,849,137, 8-26-58, Cl. 214-522.
- Hansen, Arthur E., to Isaacson Iron Works, also d. b. a. Young Iron Works. Choker hook. 2,828,156, 3-25-58, Cl. 294-74.
- Hansen, Carl W., to General Electric Co. Electron discharge apparatus. 2,853,622, 9-23-58, Cl. 250-87.
- Hansen, Charles W., to J. I. Case Co. Conveying and separating device for a corn harvester. 2,826,031, 3-11-58, Cl. 56-66.
- Hansen, Chris K. Emergency stopper for ladle pour holes. 2,834,075, 5-13-58, Cl. 22-85.
- Hansen, Clarence E., to Whirlpool Corp. Vacuum cleaner cord reel mounting. 2,839,775, 6-24-58, Cl. 15-323.
- Hansen, Clarence E., to Whirlpool Corp. Vacuum cleaner suction unit. 2,843,314, 7-15-58, Cl. 230-232.
- Hansen, Clarence E., to Whirlpool Corp. Vacuum cleaner. 2,854,686, 10-7-58, Cl. 15-327.
- Hansen, Dayne D. Electronic circuits for controlling illumination intensity in ionizable gas display tubes or the like. 2,847,616, 8-12-58, Cl. 315-181.
- Hansen, Donald J., and F. A. Tann, to Equipment Mfg. Co., Inc. Means to prevent operation of a truck while a tank thereon is in fluid communication with another tank. 2,847,023, 8-12-58, Cl. 137-351.
- Hansen, Elmer K. Material unloading vehicle. 2,839,208, 6-17-58, Cl. 214-522.
- Hansen, Elmer K. Retractable jack support for a vehicle tongue structure. 2,851,250, 9-9-58, Cl. 254-86.
- Hansen, Elmer W. Rope end binding and ferrule crimping tool. 2,819,634, 1-14-58, Cl. 81-15.
- Hansen, Ernest E., Jr., and L. M. Heineman, to Permoflux Corp. Telephone recording pickups. 2,820,846, 1-21-58, Cl. 179-4.
- Hansen, Ernst: See—
Kramer, Wilhelm, Hansen, and Schieber. 2,865,348.
- Hansen, Everett K., to Rae Motor Corp. Bearing for armature shafts of electric motors. 2,823,084, 2-11-58, Cl. 308-22.
- Hansen, Floyd R., and S. B. Elliott, to Ferro Chemical Corp. Viscosity control and stabilization of halogenated hydrocarbon resins with metallic salts of oxygen ether acids. 2,844,572, 7-22-58, Cl. 260-92.8.
- Hansen, George E.: See—
Carr, Edward W., and Hansen. 2,855,948.
Fennema, Richard, Carr, Hansen, and Daehler. 2,831,500.
- Hansen, George E., and E. W. Carr, to Crane Co. Calibrated spring adjusting mechanism for relief valves. 2,859,031, 11-4-58, Cl. 267-1.
- Hansen, George H., Jr., to The Vendo Co. Multiple coin-controlled means for vending machines. 2,846,042, 8-5-58, Cl. 194-10.
- Hansen, H. Herbert: See—
Pavoni, and Kindel. 2,864,218.
- Hansen, James S., Perman, Hansen, Broyles, Evans, Hansen, Hans R. A.: See—
Bradburn, William J., Jr., and Hansen. 2,864,989.
Conger, Elmer G., and Hansen. 2,855,554.
Osborn, Marvin W., Bradburn, and Hansen. 2,842,730.
- Hansen, Jens R. A., and W. J. Bradburn, Jr., to The Louis Allis Co. High frequency alternator field winding. 2,851,133, 4-15-58, Cl. 370-383.
- Hansen, Hans R. A., and W. J. Bradburn, Jr., to The Louis Allis Co. Voltage regulator for alternator. 2,862,174, 11-27-58, Cl. 322-28.
- Hansen, Harold V.: See—
Oehler, William F., and Hansen. 2,833,440.
- Hansen, Harold V., to Deere & Co. Marker hinge. 2,828,679, 4-1-58, Cl. 97-230.
- Hansen, Harold V., to Deere & Co. Pressure-applying means for planters. 2,859,678, 11-11-58, Cl. 97-46.73.
- Hansen, Henry W., to Lord Mfg. Co. Rotary lawn mower blade. 2,837,887, 6-10-58, Cl. 56-295.
- Hansen, Howard J., to The Hansen Mfg. Co. Valve unit. 2,823,048, 2-11-58, Cl. 264-18.
- Hansen, James C. Device for inspecting side walls of tires. 2,837,310, 6-3-58, Cl. 254-50.2.
- Hansen, Jay M., to Hughes Aircraft Co. Electro-magnetic transducer. 2,852,618, 9-16-58, Cl. 179-100.2.
- Hansen, John. Honing device. 2,851,833, 9-16-58, Cl. 51-250.
- Hansen, John. Honing device. 2,851,834, 9-16-58, Cl. 51-250.
- Hansen, John. Bread slicing blade. 2,852,052, 9-16-58, Cl. 146-88.
- Hansen, John. Method and apparatus for making slicer blades. 2,859,563, 11-11-58, Cl. 51-38.
- Hansen, Jorgen G., and J. Thuesen, to Huntington Chair Corp. Drawer front. 2,842,420, 7-8-58, Cl. 312-320.
- Hansen, Kai H.: See—
Bertsch, Joseph F., and Hansen. 2,848,249.
- Hansen, Kai H., M. Olley, and R. Schilling, to General Motors Corp. Anti-roll scheme. 2,848,248, 8-19-58, Cl. 280-124.
- Hansen, Kenneth G. Extensible ladder. 2,836,336, 5-27-58, Cl. 228-20.
- Hansen, Kenneth W., and D. F. King, to Harbison-Walker Refractories Co. Unshaped high temperature refractory. 2,852,401, 9-16-58, Cl. 106-55.
- Hansen, Lawrence J., and P. Rosenberg, to United States of America as represented by the Secretary of the Army. Fin stabilized projectile. 2,821,924, 2-4-58, Cl. 102-50.
- Hansen, Leslie F.: See—
Wood, Louis S., and Hansen. 2,854,958.
- Hansen, Lewis C., to W. A. Sheaffer Pen Co. Operating mechanism for a writing instrument. 2,865,332, 12-23-58, Cl. 120-42.03.
- Hansen-Lynn Co., Inc.: See—
Curtin, John M. 2,855,800.
- Hansen Mfg. Co.: See—
Hansen, Howard J. 2,823,048.
- Hansen, Ralph A. Humidifier. 2,820,448, 1-21-58, Cl. 126-113.
- Hansen, Robert: See—
Denman, Joe C., Jr., and Hansen. 2,860,420.
- Hansen, Robert S., and R. E. Minturn, to the United States of America as represented by the United States Atomic Energy Commission. Method for the preparation of stable actinide metal oxide-containing slurries and of the oxides therefor. 2,824,784, 2-25-58, Cl. 23-14.5.
- Hansen, Russell E., to General Motors Corp. Method of making turbomachine blading. 2,856,675, 10-21-58, Cl. 29-156.8.
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- Hansen, Wilbur O., to General Electric Co. Remote controlled impedance measuring circuit. 2,852,739, 9-16-58, Cl. 324-61.
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- Hanser, Charles A.: See—
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- Hanset, Eugene, and G. H. Balik. Magazine type safety razor. 2,865,096, 12-23-58, Cl. 30-40.
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- Hanslip, Richard E.: See—
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- Hanson, Alden W.: See—
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- Hanson, Alden W. Mining soluble minerals using passage-way formed by fracturing. 2,850,270, 9-2-58, Cl. 262-3.
- Hanson, Alfred H., to The Fairbanks Co. Hand truck belt tightening assembly. 2,819,809, 1-14-58, Cl. 214-374.
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- Hanson, Edward. Axially compressible shaft seal. 2,851,290, 9-9-58, Cl. 286-8.
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- Hanson, Frank D., C. F. Wait, and D. F. Cole, to Palace Corp. Expandable trailer. 2,831,722, 4-22-58, Cl. 296-23.
- Hanson, George E., and L. B. Croley, to Phillips Petroleum Co. Fractionation and recovery of polymers. 2,837,504, 6-3-58, Cl. 260-88.1.
- Hanson, George E. H. Flashing light. 2,825,003, 2-25-58, Cl. 315-20.1.
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- Hanson, Gwaine H.: See—
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- Hanson, Henry L. Molded plastic container for drills and the like. 2,844,244, 7-22-58, Cl. 206-17.
- Hanson, Henry L., to Minneapolis-Honeywell Regulator Co. Gas analysis apparatus. 2,866,329, 12-30-58, Cl. 73-23.
- Hanson, Hugo H., to W. C. Hamilton & Sons. Magnesium hydroxide sized photosensitive paper. 2,866,707, 12-30-58, Cl. 96-75.
- Hanson, Ingvold, $\frac{1}{4}$ to G. H. Hansen, P. W. Nels, and A. Caylor. Outdoor standard. 2,822,066, 2-4-58, Cl. 189-23.
- Hanson, James S., to International Business Machines Corp. Germanium crystallographic orientation. 2,858,730, 11-4-58, Cl. 88-14.
- Hanson, Julian R. Bent metal door stretcher. 2,845,983, 8-5-58, Cl. 153-35.
- Hanson, Leroy C.: See—
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- Hanson, Maud D.: See—
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- Hanson, Richard J., to General Electric Co. Brush holder and spring assembly. 2,840,733, 6-24-58, Cl. 310-246.
- Hanson, Richard W. Armored strand of short parallel fibres. 2,829,421, 4-8-58, Cl. 28-81.
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- Hanson, Theodore L.: See—
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Arnold, Peter. 2,826,292.
- Foulke, Donald G., and Irgens. 2,839,370.
- Foulke, Donald G., and Kardos. 2,839,456.
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- Kardos, Otto. 2,849,353.
- Zucker, Henry G., and Wilkinson. 2,833,637.
- Hanson, William A. Dietary supplement. 2,834,678, 5-13-58, Cl. 99-11.
- Hanssen, Tore B., to King-Seely Corp. Switch mechanism. 2,844,677, 7-22-58, Cl. 200-67.
- Hansson, Bror, B. C. Zetterstedt, and T. D. Lindholm, to Allmänna Svenska Elektriska Aktiebolaget. Protecting device for power condensers. 2,851,557, 9-9-58, Cl. 200-125.
- Hanz, Edward R., to United States Rubber Co. Torsional vibration damper. 2,861,472, 11-25-58, Cl. 74-57.4.
- Hantman, Edwin F.: See—
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- Hanze, Arthur R., to The Upjohn Co. Hydrolysis of hydrocortisone acetate and Δ^4 -hydrocortisone acetate. 2,842,569, 7-8-58, Cl. 260-397.45.
- Hanzel, Francis J., L. M. Redgrave, and M. R. Howard, to American Viscose Corp. Continuous densification of thermosetting powder. 2,857,624, 10-28-58, Cl. 18-47.5.
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- Happe, William H., Jr., to Curtiss-Wright Corp. Thermal time delay snap-action relay. 2,859,305, 11-4-58, Cl. 200-122.
- Happel, William E.: See—
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- Happel, William E., to Landis Tool Co. Locating device for machine tools. 2,837,875, 6-10-58, Cl. 51-105.
- Happoldt, William, Jr., to E. I. du Pont de Nemours and Co. Process for making a mat composed of aluminum silicate fibers and polytetrafluoroethylene. 2,866,769, 12-30-58, Cl. 260-41.
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Staeger, Werner, and Har. 2,858,822.
- Haracz, Edward F., to The Patent and Licensing Corp. Process of manufacture of masonry simulating material. 2,819,178, 1-7-58, Cl. 117-9.
- Harada, Mitsuo: See—
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- Harbaugh, Willis E., to Radio Corp. of America. Carburized thoriated tungsten electrode and method of enhancing its emissivity. 2,819,991, 1-14-58, Cl. 148-13.1.
- Harbers, Henry C., to Cook Bros. Equipment Co. Dump body and front end loader actuating mechanism for dump trucks. 2,824,655, 2-25-58, Cl. 211-78.
- Harbert, Bobby C., to Phillips Petroleum Co. Combustion study device. 2,841,979, 7-8-58, Cl. 73-35.
- Harbischfeger Corp.: See—
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- Harbison-Walker Refractories Co.: See—
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- Hansen, Kenneth W., and King. 2,852,401.
- King, Donald F., and Kenkey. 2,845,360.
- Mason, Donald W., and Myers. 2,846,963.
- Harbison-Fischer Mfg. Co., Inc.: See—
Hickey, Clyde D., and Slough. 2,854,258.
- Harbo Mfg. Co.: See—
Baines, Charles H. 2,854,558.
- Harbour, Albert S., to General Motors Corp. Gearshift control. 2,828,644, 4-1-58, Cl. 74-484.
- Harbourn, Charles L. A.: See—
Desty, Dennis H., and Harbourn. 2,824,901.
- Harbulak, Harry J., to ACF Industries, Inc. Articulated conveyor train. 2,839,010, 6-17-58, Cl. 105-4.
- Harbulak, Harry J., to ACF Industries, Inc. Articulated cars. 2,856,864, 10-21-58, Cl. 105-4.
- Harclerode, John R., to Clipper Mfg. Co. Pressure equalizer assembly for masonry saws. 2,835,243, 5-20-58, Cl. 125-13.
- Harclerode, John R., to Clipper Mfg. Co. Masonry saw. 2,863,440, 12-9-58, Cl. 125-13.
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- Harco Industries, Inc.: See—
Bryans, Gary W. 2,850,072.
- Harcolinski, Antoni: See—
Finlayson, Donald, and Harcolinski. 2,831,748.
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- Harcord Mfg. Co., Inc.: See—
Gold, Maxwell B., and Roberts. 2,820,587.
- Harcourt, George T., to Chicago Pneumatic Tool Co. Riveting machine for simultaneously driving rivets in opposite sides of car or other like constructions. 2,845,826, 5-8-58, Cl. 78-49.
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Doty, Boyd A. 2,848,290.
- Hård af Segerstad, Carl G. Operating mechanism. 2,841,119, 7-1-58, Cl. 121-39.
- Hardee, George L. Rain cape. 2,860,344, 11-18-58, Cl. 2-87.
- Harden, Carl, G. L. Stansbury, and E. L. Kingsbury, to Brown Citrus Machinery Corp. Citrus juice extracting machine. 2,822,010, 2-4-58, Cl. 146-72.
- Harden, Carl, S. G. Nicholas, and R. B. McKinnis, to Brown Citrus Machinery Corp. Apparatus for high-oil citrus juice recovery. 2,848,025, 8-19-58, Cl. 146-3.
- Harden, Carl M. Syringe. 2,862,494, 12-2-58, Cl. 128-218.
- Harden, Charles M., and C. Marshall. Pattern photic stimulator. 2,860,627, 11-18-58, Cl. 128-2.1.
- Harden, Charles McL.: See—
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- Hardenberg, Jan J. C., to North American Philips Co., Inc. Beryllium window X-ray tube. 2,866,114, 12-23-58, Cl. 313-59.
- Harder, John E., to Westinghouse Electric Corp. Circuit interrupter. 2,829,218, 4-1-58, Cl. 200-114.
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- Harders, Fritz, H. Knüppel, and K. Brotzmann, to Dortmund-Harder Hüttenunion Akt. Glow discharge circuits. 2,852,721, 9-16-58, Cl. 315-243.
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- Hardesty, Edwin C., to Western Electric Co., Inc. Insulation stripping apparatus. 2,844,057, 7-22-58, Cl. 81-9.51.
- Hardesty, Frederick L., to Austin-Lee, Inc. Power megaphone. 2,830,116, 4-8-58, Cl. 179-1.
- Hardesty, George K. C. Duo-panel edge illumination system. 2,821,800, 2-4-58, Cl. 40-130.
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- Hardesty, George K. C. Illuminated panel-metal lamination conducts electric current. 2,838,865, 6-17-58, Cl. 40-130.
- Hardesty, George K. C. Mechanical indicator for annunciators. 2,866,186, 12-23-58, Cl. 340-366.
- Hardesty, Richard D. Food mixers. 2,832,222, 4-29-58, Cl. 74-1.
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- Hardgrove, Ralph M., to The Babcock & Wilcox Co. Blower using slugs of granular material to cut deposits from heating surfaces. 2,830,107, 4-15-58, Cl. 51-8.
- Hardi, Frits R., to North American Philips Co., Inc. Method and device for engraving plates and plates manufactured by such methods. 2,838,599, 6-10-58, Cl. 178-6.6.
- Hardie, James, & Coy. Pty. Ltd.: *See*
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- Hardie, James H., to The Canadian Cutler Mail Chute Co. Ltd. Mail chutes of the exposed type. 2,825,438, 3-4-58, Cl. 193-8.
- Hardie, Waldo R., to Cutter Laboratories. Irrigation fluid for cystoscopy and transurethral prostatectomy. Re. 24,422, 2-4-58, Cl. 167-59.
- Hardigg, James S. Shock isolator. 2,859,959, 11-11-58, Cl. 267-1.
- Hardin, Clarence W. Leg support. 2,825,074, 3-4-58, Cl. 5-327.
- Hardin, E. L. Associates, Inc.: *See*
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- Hardin, N. A.: *See*
Brandon, Clarence W. 2,866,509.
- Harding, Elmer C., J. J. Plesko, and J. R. Vranizan, to Spring Load Mfg. Corp. Pipe cutter. 2,862,295, 12-2-58, Cl. 30-92.
- Harding, George W., to Automatic Draft and Stove Co., Inc. Door mounted down draft flue for wood burning stoves. 2,864,358, 12-16-58, Cl. 126-77.
- Harding, Harry J.: *See*
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- Harding, Howard E., and V. R. Nelson, to Nobles Engineering Co. Ammunition chute connector. 2,830,351, 4-15-58, Cl. 24-265.
- Harding, John H., generally known as Harry J. Harding, to C. H. Masland & Sons. Pile fabric woven with wire variations. 2,822,829, 2-11-58, Cl. 139-404.
- Harding, Magnus S. Battery. 2,831,045, 4-15-58, Cl. 136-83.
- Harding, William R.: *See*
Davis, Arthur W., and Harding. 2,862,355.
- Hardinge Brothers, Inc.: *See*
Parsons, Hubert J. 2,866,648.
Peterson, Anders A. 2,845,274.
- Hardison, Wilbur T.: *See*
Bourns, Marlan E., Goepfinger, Hardison, and Cornish. 2,850,608.
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- Hardman, Albert F., to The Goodyear Tire & Rubber Co. Aminoazolesulfonides. 2,835,670, 5-20-58, Cl. 260-247.1.
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- Hardman, Albert H. Necktie rack. 2,860,788, 11-18-58, Cl. 211-89.
- Hardman, H. V. Co., Inc.: *See*
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- Hardman, Harley F., to The Standard Oil Co. Paving composition of low thermal conductivity. 2,861,895, 11-25-58, Cl. 106-281.
- Hardman, James A. Engine. 2,828,906, 1-1-58, Cl. 230-56.
- Hardman, Kenneth V., A. J. Lang, and M. E. Doane, to H. V. Hardman Co., Inc. Construction of brush ferrule. 2,849,741, 9-2-58, Cl. 15-193.
- Hardman, Kenneth V., A. J. Lang, and M. E. Doane, to H. V. Hardman Co., Inc. Plastic brush. 2,854,684, 10-7-58, Cl. 15-193.
- Hardman, Leon. Double operation forming die. 2,847,052, 8-12-58, Cl. 153-21.
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- Hardt, Leo L. 2,836,540.
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- Hardware Products Corp.: *See*
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- Hardy, Edgar E. Preparation of organic isocyanates. 2,839,559, 6-17-58, Cl. 260-453.
- Hardy, Edgar E., and T. Reetz, to Monsanto Chemical Co. Trialkyl phosphites and method of making same. 2,843,616, 7-15-58, Cl. 260-461.
- Hardy, Elizabeth M.: *See*
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Lecher, Hans Z., Hardy, and Kosloski. 2,845,459.
- Hardy, George F., to Allied Chemical & Dye Corp. Production of benzonitrile. 2,828,325, 3-25-58, Cl. 260-465.
- Hardy, Henry G.: *See*
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- Hardy, James W., to Goodman Mfg. Co. Extensible conveyor. 2,858,933, 11-1-58, Cl. 198-139.
- Hardy, Joseph F., to Ford Motor Co. Motor vehicle window operating mechanism. 2,852,249, 9-16-58, Cl. 268-126.
- Hardy, Peter S., to Peerless Aluminum Foundry Co., Inc. Core draw apparatus. 2,851,749, 9-16-58, Cl. 22-10.
- Hardy, Rene J., and Y. L. Le Port, to Drivomatic (Société à Responsabilité Limitée). Control circuit for positioning an object. 2,824,242, 2-18-58, Cl. 307-149.
- Hardy, Roland L. Precision pendulum-actuated vertical arc or circle for vertical angle measuring instruments. 2,839,834, 6-24-58, Cl. 33-70.
- Hardy, Walter L., to Waxed Paper Merchandising Council, Inc. Packaged food product and wrapper therefor, which prevents the destruction of riboflavin in foods. 2,864,709, 12-16-58, Cl. 99-171.
- Hardy, William B.: *See*
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- Hardy, William B., and O. G. Birsten, to American Cyanamid Co. Acridine vat dyes. 2,820,790, 1-21-58, Cl. 260-274.
- Hardy, William B., W. S. Forster, and R. A. Coleman, to American Cyanamid Co. Hydroxylated benzophenone ethers. 2,853,521, 9-23-58, Cl. 260-591.
- Hardy, William B., and F. H. Adams, to American Cyanamid Co. Organic sulfamoyl azides. 2,863,866, 12-9-58, Cl. 260-247.1.
- Hare, Aaron H. Battery lifter. 2,847,243, 8-12-58, Cl. 294-16.
- Hare, Donald G. C.: *See*
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- Hare, Terence G.: *See*
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- Hare, Terence G. Valve structure. 2,823,006, 2-11-58, Cl. 251-88.
- Haretik, Stephen J., and I. W. McCulley. Putty tool. 2,818,602, 1-7-58, Cl. 18-3.5.
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- Hargarten, Jerome J.: *See*
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- Hargenrater, Quentin E., to American Viscose Corp. Warp beam packaging. 2,844,923, 7-29-58, Cl. 53-3.
- Harges, Michael T., and J. Lorch, to Empire Devices Products Corp. Step attenuators. 2,848,693, 8-19-58, Cl. 333-81.
- Hargrave, George H.: *See*
Kennedy, Guy A. 2,849,915.
- Hargreaves, Thomas F. S.: *See*
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- Hargrove, James G., to Lockheed Aircraft Corp. Tools for removing the collars of fasteners. 2,836,888, 6-3-58, Cl. 30-272.
- Haring, Ivan P., 25% to E. A. Kruse, 25% to H. T. Tellepsen, and 15% to H. C. Donahoe. Cotton picking unit. 2,836,025, 5-27-58, Cl. 56-40.
- Haring, John M., to Nickles Machine Corp. Force feed lubricating device for pistons. 2,843,221, 7-15-58, Cl. 184-18.
- Haringhuizen, Pieter J., to Stamicarbon N. V. Process for preparing hydrogen-nitrogen mixtures from coke oven gas. 2,820,769, 1-21-58, Cl. 252-374.

- Haringhuizen, Pieter J., to Stamicarbon N. V. Cooling by evaporation of a liquid at a very low temperature. 2,849,867, 9-2-58, Cl. 62-20.
- Harja, Arne M.: *See*—
- Borden, Jay R., and Harja. 2,842,967.
- Harke, Otto. Mixing valve. 2,839,085, 6-17-58, Cl. 137-636.2.
- Harker, George S. Stereoptometer. 2,859,657, 11-11-58, Cl. 88-20.
- Harker, John M.: *See*—
- Johnson, Reynold B., Harker, Kean, and Lynott. 2,857,032.
- Harker, Robert J., to Commercial Solvents Corp. Insecticidal compositions. 2,830,928, 1-15-58, Cl. 167-30.
- Harkless, Earl T., to Bell Telephone Laboratories, Inc. Directional coupler. 2,848,691, 8-19-58, Cl. 333-10.
- Harkness, Andrew W. Valve and filler rim for toilet tanks. 2,863,155, 12-9-58, Cl. 4-68.
- Harkrader, John P. Gravity davit and shock absorber therefor. 2,835,907, 5-27-58, Cl. 9-38.
- Harkrader, Stuart K. Dispensing device. 2,858,054, 10-28-58, Cl. 222-553.
- Harks, Walter M., to Petinco Systems, Inc. Inventory control apparatus for a liquid dispensing system. 2,858,048, 10-28-58, Cl. 222-26.
- Harkson, Ulysses S. Water craft having hydroplanes. 2,821,948, 2-4-58, Cl. 114-66.5.
- Harlan, Avery S., to Industrial Filtration Co. Vacuum filter. 2,823,806, 2-18-58, Cl. 210-387.
- Harlan, Avery S., to Indiana Commercial Filters Corp. Liquid filtering device. 2,865,509, 12-23-58, Cl. 210-312.
- Harlan, Warren H., to The Procter & Gamble Co. Machine for forming and feeding coupons. 2,842,911, 7-15-58, Cl. 53-57.
- Harland, Philip W., to American Machine and Metals, Inc. Liquid dispensing device. 2,845,964, 8-5-58, Cl. 141-104.
- Harle, Harold P., to General Electric Co. Refrigerator frozen food compartment mounting structure. 2,837,900, 6-10-58, Cl. 62-89.
- Harless, Charles A.: *See*—
- Worthington, Emory W., Foster, and Harless. 2,851,949.
- Harless, Charles A., to R. Hoe & Co., Inc. Printing machine impression mechanism. 2,818,804, 1-7-58, Cl. 101-247.
- Harless, Charles A., to R. Hoe & Co., Inc. Printing plate cylinder. 2,818,806, 1-7-58, Cl. 101-378.
- Harless, Charles A., to R. Hoe & Co., Inc. Ratchet. 2,818,950, 1-7-58, Cl. 192-48.
- Harless, Charles A., to R. Hoe & Co., Inc. Printing plate cylinder. 2,832,288, 4-29-58, Cl. 101-378.
- Harless, Charles A., to R. Hoe & Co., Inc. Ink motions for printing machines. 2,833,212, 5-6-58, Cl. 101-349.
- Harless, Charles A., to R. Hoe & Co., Inc. Propeller rollers for printing machines. 2,840,376, 6-24-58, Cl. 271-64.
- Harless, Charles A., to R. Hoe & Co., Inc. Reversible drive for rotary printing unit. 2,814,095, 7-22-58, Cl. 101-180.
- Harless, Charles A., to R. Hoe & Co., Inc. Reversing drive. 2,845,807, 8-5-58, Cl. 74-378.
- Harless, Charles A., to R. Hoe & Co., Inc. Ink roller mounting. 2,861,516, 11-25-58, Cl. 101-348.
- Harless, Charles A., to R. Hoe & Co., Inc. Inking mechanism. 2,866,410, 12-30-58, Cl. 101-350.
- Harless, Charles A., and B. C. Polglase, Jr., to R. Hoe & Co., Inc. Roller socket mounting for printing machine ink mechanism. 2,818,805, 1-7-58, Cl. 101-348.
- Harless, Charles A., and B. C. Polglase, Jr., to R. Hoe & Co., Inc. Tripping mechanism for offset printing machines. 2,855,846, 10-14-58, Cl. 101-218.
- Harless, Charles A., and E. W. Worthington, to R. Hoe & Co., Inc. Attachment of gears to tapered shaft ends. 2,840,399, 6-24-58, Cl. 287-53.
- Harley Earl, Inc.: *See*—
- Smith, Dale D. 2,841,848.
- Harley, Frank B. Releasable buckles. 2,862,271, 12-2-58, Cl. 24-197.
- Harling, Donald W., to McGraw-Edison Co. Lamp holder assembly for luminaire. 2,840,690, 6-24-58, Cl. 240-25.
- Harling, Donald W., to McGraw-Edison Co. Adjustable support for a fluorescent street light. 2,846,570, 8-5-58, Cl. 240-67.
- Harlow, Ernest L., H. E. Frech, Jr., and J. C. Blaine, to Olin Mathieson Chemical Corp. Apparatus for testing and assorting articles. 2,859,871, 11-11-58, Cl. 209-81.
- Harlow, Loraine C., to Radio Corp. of America. Automatic molding apparatus. 2,853,737, 9-30-58, Cl. 18-53.
- Harm, Alton R., A. W. Ogg, and K. L. Niebauer, to Westinghouse Electric Corp. Automatic recloser. 2,858,395, 10-28-58, Cl. 200-89.
- Harm, George O. Dry closets. 2,835,214, 5-20-58, Cl. 110-9.
- Harm, George O. Dry closet incinerator. 2,835,215, 5-20-58, Cl. 110-9.
- Harmac Co., The: *See*—
- Jones, Maurice H. 2,862,442.
- Harman, Cameron G.: *See*—
- Penity, Robert D., Harman, and Walner. 2,839,414.
- Harman, Cameron G., and L. S. O'Bannon, to United States of America, Atomic Energy Commission. Coated alloys. 2,843,500, 7-15-58, Cl. 117-23.
- Harman, Julius, to Wilmot-Breeden Ltd. Vehicle door fastenings. 2,854,271, 9-30-58, Cl. 292-192.
- Harman, Marion W.: *See*—
- D'Amico, John J., and Harman. 2,853,488.
- Harman, Marion W., to Monsanto Chemical Co. Halogen substituted butenyl secondary alkyl xanthates. 2,852,547, 9-16-58, Cl. 260-455.
- Harman, Marion W., to Monsanto Chemical Co. Halogen substituted alkenyl xanthates. 2,853,505, 9-23-58, Cl. 260-455.
- Harman, Marion W., to Monsanto Chemical Co. Haloalkyl xanthates. 2,853,506, 9-23-58, Cl. 260-455.
- Harman, Marion W., and J. J. D'Amico, to Monsanto Chemical Co. Propenyl dithiocarbamates. 2,847,419, 8-12-58, Cl. 260-313.
- Harman, Marion W., and J. J. D'Amico, to Monsanto Chemical Co. N haloalkenyl dithiocarbamates. 2,854,467, 9-30-58, Cl. 260-455.
- Harman, Robert E.: *See*—
- Brink, Norman G., Ham, Harman, and Sarett. 2,847,425.
- Harman, Robert E., N. G. Brink, E. A. Ham, and L. H. Sarett, to Merck & Co., Inc. 18-oxygenated etiocholenic acid derivatives. 2,847,412, 8-12-58, Cl. 260-239.57.
- Harmanson, Roxie G. Electrically operated can opener. 2,827,691, 3-25-58, Cl. 30-4.
- Harmon, Albert D., to Deering Milliken Research Corp. Yarn twisting apparatus. 2,840,979, 7-1-58, Cl. 57-58.83.
- Harmon, Arthur R., to Philadelphia Pump & Machinery Co. Variable stroke pump. 2,830,455, 1-15-58, Cl. 74-10.
- Harmon, Carlyle, to Chicopee Mfg. Corp. Process of treating fibers. 2,855,633, 10-14-58, Cl. 19-66.
- Harmon, Carlyle, and C. H. Plummer, to Chicopee Mfg. Corp. Method of forming nonwoven fabric. 2,820,716, 1-21-58, Cl. 117-17.5.
- Harmon, Elise F., to United States of America, Army. Silk screen stretcher. 2,844,172, 7-22-58, Cl. 140-109.
- Harmon, Frank C. Transmission hoist. 2,848,120, 8-19-58, Cl. 212-135.
- Harmon, John J., to Sylvania Electric Products Inc. Test stand for transistor. 2,865,003, 12-16-58, Cl. 324-158.
- Harmon, Paul V., to Precision Parts Corp. Folding stairway. 2,852,176, 9-16-58, Cl. 228-48.
- Harmon, Shepard L., and J. Hohl, to Owens-Illinois Glass Co. Method of and apparatus for closing bottles and jars. 2,855,736, 10-14-58, Cl. 53-38.
- Harmon, William C., to Republic Steel Corp. System for detecting conductive bodies. 2,819,447, 1-7-58, Cl. 324-41.
- Harmon, William C., to Republic Steel Corp. Direct reading seam depth indicator. 2,832,040, 4-22-58, Cl. 324-34.
- Harmony, David S., to Phillips Petroleum Co. Continuous production of salt solutions. 2,822,248, 2-4-58, Cl. 23-312.
- Harms, Cleonard F.: *See*—
- Hartung, Richard E., and Harms. 2,860,821.
- Harms, Harold H., to Henry Manufacturing Co., Inc. Liquid clarification system. 2,861,688, 11-25-58, Cl. 210-73.
- Harms, Heinz-Wilhelm, to North American Philips Co., Inc. Switching arrangement for switching-off the ignition protective gear on the blowing of a fuse. 2,820,178, 1-14-58, Cl. 315-201.
- Harms, Johann: *See*—
- Roh, Nikolaus, Broich, and Harms. 2,831,040.
- Harmsen, Gerrit J., and J. G. Stuve, to Shell Development Co. Cement composition. 2,822,873, 2-11-58, Cl. 166-29.
- Harnell, Karl H.: *See*—
- Skogsberg, Ernst G., and Harnell. 2,819,897.
- Skogsberg, Ernst G., and Harnell. 2,859,034.
- Harney, Doran B.: *See*—
- Ecker, Murry F., and Harney. 2,823,058.
- Harnischfeger Corp.: *See*—
- Cherones, William J., and Price. 2,846,640.
- Jacobs, Henry S. 2,846,601.
- Pomazal, Jesse W. 2,860,299.
- Schneider, Karl. 2,832,485.
- Harp, Boyd R. Fence row mower attachment for farm tractors. 2,851,842, 9-16-58, Cl. 56-25.4.
- Harp, Ray S., and H. P. Heinisch. Controllable multiple driving mechanism. 2,823,560, 2-18-58, Cl. 74-722.
- Harper, Adam W. Foldable protector for automobiles and the like. 2,858,837, 11-4-58, Cl. 135-4.
- Harper, Arthur N. Apparatus for cleaning gear cases and refining the oil contained therein. 2,820,528, 1-21-58, Cl. 184-15.
- Harper, Ernest V.: *See*—
- Borettil, Napoleon F., and Harper. 2,828,831.
- Harper, Genevieve G.: *See*—
- Harper, William, Jr. 2,843,780.
- Harper, James: *See*—
- Baumer, Nelson G., Harper, and Hiatt. 2,819,979.
- Harper, James I., to Sun Oil Co. Continuous crystallization apparatus. 2,846,292, 8-5-58, Cl. 23-273.
- Harper, James T. Flotation device. 2,821,725, 2-4-58, Cl. 9-9.
- Harper, Kenneth A., to Phillips Petroleum Co. Method and apparatus for feeding a distillable material into a distillation zone and controlling flow of non-vaporized liquid along walls of said zone. 2,843,534, 7-15-58, Cl. 202-64.
- Harper, Kenneth A., to Phillips Petroleum Co. Recovery of hydrocarbons. 2,853,157, 9-23-58, Cl. 183-120.
- Harper, Leonard R., to International Business Machines Corp. Electronic logical circuits. 2,841,708, 7-1-58, Cl. 250-27.
- Harper, Lyndus E., to B-I-F Industries, Inc. Controlling device. 2,841,024, 7-1-58, Cl. 74-388.
- Harper, Lyndus E. Diaphragm sludge or chemical pump. 2,843,050, 7-15-58, Cl. 103-152.

- Harper, Morrie, to Northrop Aircraft, Inc. Trailer for handling and transporting aircraft engines and other aircraft components. 2,820,642, 1-21-58, Cl. 280-29.
- Harper, Philip S., and W. S. Wagenhals, to Harper-Wyman Co. Time controlled valve operating mechanism. 2,837,154, 6-3-58, Cl. 161-9.
- Harper, Robert H.: *See*—
Voegel, Marvin M., and Harper. 2,860,992.
- Harper, Robert H., and M. M. Voegel, to Swift & Co. Curing meat emulsion. 2,847,312, 8-12-58, Cl. 99-159.
- Harper, Walter J., to Westinghouse Electric Corp. Electrode structure for imaging device. 2,829,265, 4-1-58, Cl. 250-80.
- Harper, Wesley A., to Harsco Corp. Rail brace. 2,863,608, 12-9-58, Cl. 238-292.
- Harper, William, Jr., deceased; G. G. Harper, executrix, to Jet Ignition Co., Inc. Spark plugs. 2,843,780, 7-15-58, Cl. 313-143.
- Harper-Wyman Co.: *See*—
Harper, Philip S., and Wagenhals. 2,837,154.
Huff, Norman M., and Bergquist. 2,855,956.
Lamar, Charles C. 2,855,953.
Lamar, Charles C. 2,855,955.
Lamar, Charles C. 2,858,852.
Lamar, Charles C., and Bergquist. 2,855,954.
Lamar, Charles C., Huff, and Bergquist. 2,855,957.
- Harpur, Norman F.: *See*—
Symon, Alexander, Harpur, Carter, and Williams. 2,838,950.
- Harr, Robert K., to The Wayne Pump Co. Interlock for pump control and register of a liquid dispensing apparatus. 2,820,574, 1-21-58, Cl. 222-34.
- Harr, Robert R., to The Wayne Pump Co. Vehicle frame-engaging type lift. 2,826,260, 3-11-58, Cl. 187-8,75.
- Harr, Wilbur G., to Sportsman Sleeper, Inc. Folding trailer body. 2,845,663, 8-5-58, Cl. 20-2.
- Harrah, Ralph E. Safety razor and blade assembly. 2,828,540, 4-1-58, Cl. 30-66.
- Harrel, Chastian G., and H. A. Baeder, to Pillsbury Mills, Inc. Process for making a non-dusting egg albumen product. 2,850,394, 9-2-58, Cl. 99-210.
- Harrell, Billy E., and C. B. Courson. Telescoping nut gatherer with spring biased jaws. 2,832,188, 4-29-58, Cl. 56-328.
- Harrell, Gladney W. Dry wall joint taping apparatus. 2,858,953, 11-4-58, Cl. 216-20.
- Harper, Herbert W. Free piston engine-compressor apparatus. 2,825,319, 3-4-58, Cl. 123-46.
- Harrer, Joseph M.: *See*—
Dietrich, Joseph R., and Harrer. 2,852,458.
- Harrer, Paul H., to Allis-Chalmers Mfg. Co. Rotary baler. 2,826,985, 3-18-58, Cl. 100-5.
- Harrer, Paul H., to Allis-Chalmers Mfg. Co. Rotary baler. 2,850,964, 9-9-58, Cl. 100-5.
- Harrigan, Floyd T. Grass conveyor for mowers. 2,848,862, 8-26-58, Cl. 56-199.
- Harrild, Peter W. S.: *See*—
Odell, Alexander D., Reynolds, and Harrild. 2,860,259.
- Harriman, Charles S.: *See*—
White, Ivan J., and Harriman. 2,836,419.
- Harriman, Loyd R.: *See*—
Janzer, Lorin H., and Harriman. 2,819,872.
- Harring, Horace E., and R. L. Taylor, to Bell Telephone Laboratories, Inc. Electrolytic capacitors. 2,862,157, 11-25-58, Cl. 317-230.
- Harring, Michael G., and N. S. Glassman. Gun carriage rotatable through 360°. 2,858,740, 11-4-58, Cl. 89-40.
- Harrington, Arthur J., Jr.: *See*—
Cronin, Edward F., Mezzack, and Harrington. 2,859,724.
- Harrington, Bertie S.: *See*—
Gordon, Roy C., and Harrington. 2,835,266.
- Harrington, Charles D., and J. V. Opie, to United States of America, Atomic Energy Commission. Uranium extraction. 2,841,466, 7-1-58, Cl. 23-14.5.
- Harrington, David O., and M. Flocks. Apparatus for and method of examining eyes. 2,835,162, 5-20-58, Cl. 88-20.
- Harrington, Frank A., and T. W. Jentges, to Marco Industries Co., Inc. Block type panel indicator light. 2,821,700, 1-28-58, Cl. 340-381.
- Harrington, Frank A., and T. W. Jentges, to Marco Industries Co., Inc. Illuminated push button switch. 2,847,559, 8-12-58, Cl. 240-2.
- Harrington, John V., and P. Rosen, to Research Corp. Method of land line pulse transmission. 2,850,573, 9-2-58, Cl. 179-15.
- Harrington, Joseph J., A. J. Jilcott, J. D. Mitchell, B. L. Jordan, and C. B. Stansfield, to Harrington Mfg. Co., Inc. Elevator for use with tobacco harvester. 2,828,030, 3-25-58, Cl. 214-130.
- Harrington, Lester B. Electromagnetic power device. 2,835,831, 5-20-58, Cl. 310-18.
- Harrington Mfg. Co., Inc.: *See*—
Harrington, Joseph J., Jilcott, Mitchell, Jordan, and Stansfield. 2,828,030.
Holliday, Jim B., Stansfield, Mitchell, Goldfarb, and Jilcott. 2,826,317.
Stansfield, Charles B. 2,830,425.
- Harrington, Richard F., to Parkersburg-Aetna Corp. Sprocket idler. 2,823,553, 2-18-58, Cl. 74-243.
- Harrington, Richard F., to Parkersburg-Aetna Corp. Bearing. 2,823,965, 2-18-58, Cl. 308-187.1.
- Harrington, Richard F., to Parkersburg-Aetna Corp. Bearing. 2,823,967, 2-18-58, Cl. 308-187.2.
- Harrington & Richardson, Inc.: *See*—
Mulno, Lester F. 2,830,397.
- Harrington, Robert C., Jr., to Eastman Kodak Co. Manufacture of salts of alkyl acid sulfates in one step. 2,849,450, 8-26-58, Cl. 260-247.1.
- Harrington, Robert C., Jr., to Eastman Kodak Co. Process of making 3-substituted-2-oxazolidinones. 2,865,926, 12-23-58, Cl. 260-307.
- Harrington, Roy E.: *See*—
Forth, Murray W., and Harrington. 2,827,154.
Silverberg, Bernard M., and Harrington. 2,850,074.
- Harrington, Roy E., to Deere & Co. Seat. 2,840,140, 6-24-58, Cl. 155-61.
- Harrington, Roy E., to Deere & Co. Agricultural implement-mounting means. 2,851,238, 9-9-58, Cl. 248-226.
- Harrington, Roy E., to Deere & Co. Power shaft safety shielding. 2,858,680, 11-4-58, Cl. 64-3.
- Harris, Albert T., and J. O. Reynolds, to Transall, Inc. Seal for anti-friction bearings and the like. 2,866,670, 12-30-58, Cl. 308-187.1.
- Harris, Alva F., to Monsanto Chemical Co. Aqueous terpolymer sized nylon yarns. 2,848,357, 8-19-58, Cl. 117-139.5.
- Harris, Alva F., to Monsanto Chemical Co. Terpolymer system. 2,864,808, 12-16-58, Cl. 260-78.5.
- Harris, Arch W., and C. D. Stricker, to United States Steel Corp. Method of reclaiming waste pickle liquor. 2,865,823, 12-23-58, Cl. 204-151.
- Harris, Ben A., to General Dynamics Corp. Telephone system including line identifying means. 2,854,519, 9-30-58, Cl. 179-18.
- Harris, Ben A., to General Dynamics Corp. Identification sender. 2,857,469, 10-21-58, Cl. 179-18.
- Harris, Ben A., to General Dynamics Corp. Relay selector circuit. 2,863,948, 12-9-58, Cl. 179-18.
- Harris, Bernard L.: *See*—
Chauvin, David M., and Harris. 2,858,511.
- Harris, Bernard N.: *See*—
Mattison, Edwin L., and Harris. 2,853,378.
- Harris, Carl. Legs for Hollywood beds. 2,825,073, 3-4-58, Cl. 5-310.
- Harris, Carl W., and E. G. Hester, to Rockford Textile Mills, Inc. Apparatus for combining wool, cotton and man-made fiber yarns with stretchable nylon yarn. 2,854,812, 10-7-58, Cl. 57-3.
- Harris, Clare S., to The Dow Chemical Co. Profile corrector. 2,830,643, 4-15-58, Cl. 153-32.
- Harris, Clyde W., to Aerojet-General Corp. Scanning device. 2,858,453, 10-28-58, Cl. 250-201.
- Harris, Columbus W.: *See*—
Egley, William D., and Harris. 2,835,529.
- Harris, Dale A., F. J. Wolf, and R. L. Peck, deceased, by H. M. Peck, administratrix, to Merck & Co., Inc. Crystalline alkaline earth metal salts of 4-amino-3-isoxazolidone. 2,832,788, 4-29-58, Cl. 260-307.
- Harris, Donald S., to New Castle Products, Inc. Two-piece hinge plate for folding closure linkages. 2,860,698, 11-18-58, Cl. 160-84.
- Harris, Donald S., to New Castle Products, Inc. Door latch unit. 2,862,378, 12-2-58, Cl. 70-95.
- Harris, Earl R. Auxiliary visor. 2,823,950, 2-18-58, Cl. 296-97.
- Harris, Eddie M. H. Apparatus for treating tobacco. 2,856,937, 10-21-58, Cl. 131-134.
- Harris, Edson S., Jr.: *See*—
Fleming, Raymond E., Harris, and Mead. 2,858,865.
- Harris, Edward F. Parabolic antenna structure. 2,850,735, 9-2-58, Cl. 343-840.
- Harris, Edward H., Jr.: *See*—
Filachione, Edward M., and Harris. 2,829,943.
- Harris, Edward J.: *See*—
Frohlich, Adolf H., and Harris. 2,848,739.
- Harris, Edward J., to The Cleveland Trust Co. Servicing apparatus for tread, breaker and chafer stock. 2,832,396, 4-29-58, Cl. 154-9.
- Harris, Edward J., to Jessop Steel Co. Process of making metal product. 2,835,022, 5-20-58, Cl. 29-19.
- Harris, Edward P., F. W. Sampson, and J. R. Wall, to General Motors Corp. Valving device. 2,858,095, 10-28-58, Cl. 251-9.
- Harris, Edwin W., to Curtis Lighting, Inc. Lighting fixture holder assembly. 2,849,600, 8-26-58, Cl. 240-51.11.
- Harris, Elwin A., and W. M. Schilling, to Hercules Powder Co. Preparation of pentaerythritol trichlorohydrin monoacylates. 2,827,480, 3-18-58, Cl. 260-488.
- Harris, Floyd E., to The Dow Furnace Co. Heat treating apparatus. 2,830,805, 4-15-58, Cl. 266-4.
- Harris, Ford W., to Wulff Process Co. Regenerative mass and tiles for use in such a mass. 2,819,051, 1-7-58, Cl. 263-51.
- Harris Foundry & Machine Co.: *See*—
Thompson, Wallace M. 2,821,831.
Thompson, Wallace M., Swint, and Little. 2,865,284.
- Harris, Francis S., to Clevite Corp. Microphone. 2,835,744, 5-20-58, Cl. 179-121.
- Harris, Frank R., and J. A. Boyle, to Metropolitan-Vickers Electrical Co. Ltd. Gas turbines. 2,838,275, 6-10-58, Cl. 253-78.
- Harris, Franklin H. Half-tone memory tube. 2,839,679, 6-17-57, Cl. 250-27.

- Harris, Fred A., to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for melting and pouring metal. 2,824,732, 2-25-58, Cl. 266—33.
- Harris, Fred Z. Servicing recording devices. 2,860,432, 11-18-58, Cl. 40—65.
- Harris, Frederic R., deceased; F. B. Downs, M. S. Lobenthal, and M. P. Bloch, executors, to Frederic R. Harris, Inc. Apparatus for encasing floating dry docks. 2,830,553, 4-15-58, Cl. 111—45.
- Harris, Frederic R., Inc.: See—
Engstrand, Gunnar C. 2,834,311.
Harris, Frederic R. 2,830,553.
- Harris, Frederic J. R., Atkinson, M. Holdman, and M. J. Sheets. Radio direction finding system. 2,831,187, 4-15-58, Cl. 343—120.
- Harris, Frederick W., to Sperry Rand Corp. Wire tying balers. 2,822,748, 2-11-58, Cl. 100—23.
- Harris, Garrett H. Electric motor housing. 2,824,984, 2-25-58, Cl. 310—87.
- Harris, Geoffrey T., and H. C. Child, to The Birmingham Small Arms Co. Ltd. Ferritic steel for high temperature use. 2,848,323, 8-19-58, Cl. 75—124.
- Harris, George A. Time cycle controller. 2,833,940, 5-6-58, Cl. 307—112.
- Harris, George R.: See—
Butts, Richard R. 2,856,735.
- Harris, George V.: See—
Lillenberg, August W., and Harris. 2,843,712.
- Harris, George W., and F. S. Bolek. Automatic clutch throw-out device. 2,858,896, 11-4-58, Cl. 180—14.5.
- Harris, Guy H.: See—
Fischback, Bryant C., and Harris. 2,827,483.
Fischback, Bryant C., and Harris. 2,866,814.
Fischback, Bryant C., Harris, Brown, Tapiin, 2,826,611.
Stevens, Donna, Harris, and Pearlman. 2,831,895.
Stevens, Donna, Harris, and Pearlman. 2,839,541.
- Harris, Guy H. Substituted thiolcarbanilic esters. 2,863,899, 12-9-58, Cl. 260—455.
- Harris, Herbert W.: See—
Rench, Harry D., Harris, Kelm, and Massie. 2,842,788.
- Harris, Hunter C., Jr., to Sylvania Electric Products Inc. Reducing doppler search time in cross-correlation systems. 2,834,956, 5-13-58, Cl. 343—14.
- Harris-Intertype Corp.: See—
Barley, Leo D. 2,825,404.
Brandt, Gottlieb H., and Martin. 2,853,941.
Crittenden, Charles B. 2,856,188.
Freund, Herman R., Stadelmann, and Youngquist. 2,826,974.
Gulick, Kenneth H. 2,848,227.
Gulick, Kenneth H. 2,860,874.
Hooven, Frederick J., and O'Brien. 2,846,932.
Kist, Karl E. 2,857,161.
Norton, Robert K. 2,824,457.
Norton, Robert K. 2,841,391.
Norton, Robert K. 2,841,392.
O'Brien, Richard C. 2,841,062.
Pritchard, Howard A. 2,856,848.
Royer, Arthur G. 2,853,943.
Schönenberger, Franz. 2,865,496.
Vandeman, Jack E. 2,857,160.
Wood, William H., and Adams. 2,830,636.
- Harris, Jack B., to Radio Speakers (Canada) Ltd. Co-planar loud speaker. 2,857,478, 10-21-58, Cl. 179—116.
- Harris, James C., Jr.: See—
Benson, Clark K., Harris, and Caridis. 2,833,203.
- Harris, James O., to Monsanto Chemical Co. 6-ether substituted 2,2,4-triaalkyl-1,2,3,4-tetrahydroquinolines. 2,832,749, 4-29-58, Cl. 260—45.8.
- Harris, James O., to Monsanto Chemical Co. 6-ether substituted 1,2,3,4-tetrahydroalkylquinolines. 2,846,435, 8-5-58, Cl. 260—289.
- Harris, James O., and W. W. Paris, to Monsanto Chemical Co. Process of making 4,4'-alkylidene bisphenols. 2,831,897, 4-22-58, Cl. 260—619.
- Harris, James O., and M. H. Wilt, to Monsanto Chemical Co. Cyano ether-ester copolymers. 2,839,511, 6-17-58, Cl. 260—85.5.
- Harris, James S., to Radio Corp. of America. Communication system. 2,821,571, 1-28-58, Cl. 178—71.
- Harris, James S., to Radio Corp. of America. Neutral to polar current conversion circuit. 2,832,825, 4-29-58, Cl. 178—70.
- Harris, Jay C., to Monsanto Chemical Co. Fertilizer manufacture. 2,844,455, 7-22-58, Cl. 71—40.
- Harris, Jerome D., and W. E. Kellogg; said Kellogg assor. to said Harris. Arch support. 2,826,833, 3-18-58, Cl. 36—71.
- Harris, John E., and M. I. Levy, to National U. S. Radiator Corp. Humidifier. 2,839,279, 6-17-58, Cl. 261—104.
- Harris, John F., Jr.: See—
Carmack, Marvin, and Harris. 2,849,479.
- Harris, John F., Jr., to E. I. du Pont de Nemours and Co. Fungicidal and anti-oxidant composition comprising 1,3-dithiolanes. 2,839,445, 6-17-58, Cl. 167—33.
- Harris, John L. Control device. 2,821,585, 1-28-58, Cl. 200—38.
- Harris, John L. Control device. 2,850,586, 9-2-58, Cl. 200—38.
- Harris, John T., to Rudd-Melkian, Inc. Constant head device. 2,857,084, 10-21-58, Cl. 222—481.
- Harris, Joseph E., Jr., to Philco Corp. Cabinet structure. 2,854,308, 9-30-58, Cl. 312—306.
- Harris, Kelse S. Oil pan guide and support assembly. 2,826,807, 3-18-58, Cl. 29—271.
- Harris, Kenneth J., to Deere Mfg. Co. Dual ratio drive mechanism for tractors equipped with transversely disposed engines. 2,851,117, 9-9-58, Cl. 180—53.
- Harris, Kenneth E.: See—
Levelle, Derek A., and Harris. 2,824,301.
- Harris, Leo K.: See—
Seller, Thomas M., and Harris. 2,861,223.
- Harris, Leonard E.: See—
Schumann, Henry A. 2,837,815.
- Harris, Lewis B., to Republic Aviation Corp. Lock and operating mechanism for deferred action batteries. 2,862,390, 12-2-58, Cl. 74—2.
- Harris, Linden E., V. L. Hall, F. J. Seibert, and I. W. Bales, to Chipman Chemical Co., Inc. Plant growth control and herbicidal composition and process of using the same. 2,847,293, 8-12-58, Cl. 71—2.4.
- Harris, Lionel R. F.: See—
Broadhurst, Sidney W., and Harris. 2,839,610.
- Harris, Louis H., to Sperry Rand Corp. Tinning apparatus. 2,856,893, 10-21-58, Cl. 118—29.
- Harris, Marion S.: See—
Halbrook, Raymon L., Harris, and Kennerly. 2,847,075.
- Harris, Richard W., to Molins Machine Co. Ltd. Packing machinery. 2,856,827, 10-21-58, Cl. 93—19.
- Harris, Robert C., to Bendix Aviation Corp. Spark gap semiconductor. 2,861,961, 11-25-58, Cl. 252—516.
- Harris, Robert L., and M. Lothrop, to Yuba Consolidated Industries, Inc. Steam plant and controller. 2,853,058, 9-23-58, Cl. 122—448.
- Harris, Samuel J., to International Telephone and Telegraph Corp. Light distribution measuring system. 2,831,054, 4-15-58, Cl. 178—6.8.
- Harris-Seybold Co.: See—
Martin, William H. 2,822,280.
Norton, Robert K. 2,821,390.
Spiller, William R., and Johnson. 2,821,131.
- Harris, Sidney E.: See—
Engel, Carl E., and Harris. 2,843,370.
- Harris, Sterling G.: See—
Seal, Roderick D., and Harris. 2,823,414.
- Harris, Sterling G., to Blue Channel Corp. Method of recovering meats of bivalves. 2,832,989, 5-6-58, Cl. 17—45.
- Harris, Sterling G., to The Blue Channel Corp. Method of separating the edible and inedible components of cooked seafood. 2,858,223, 10-28-58, Cl. 99—111.
- Harris, Sterling G., and C. D. Briddell, to The Blue Channel Corp. Method of recovering the meat of poultry. 2,858,222, 10-28-58, Cl. 99—107.
- Harris & Stevenson Engineering & Development Co., Inc.: See—
Harris, Thomas. 2,838,066.
- Harris, Stewart L. H.: See—
Peckham, Herbert H., and Harris. 2,844,438.
- Harris, Thaddeus S. Automatic control unit for jet deep well pump. 2,858,841, 11-4-58, Cl. 137—87.
- Harris, Thomas, to Harris & Stevenson Engineering & Development Co., Inc. Metering valve. 2,838,066, 6-10-58, Cl. 137—556.
- Harris, Thomas A., and C. H. Bottoms, to Joseph Lucas (Industries) Ltd. Means for controlling the supply of liquid fuel to jet-propelled aerial bodies in response to fluid pressures selected by automatically operable selector devices. 2,851,856, 9-16-58, Cl. 60—39.28.
- Harris, Thomas S., Jr.: See—
MacDonald, Dennison H., and Harris. 2,837,620.
- Harris Transducer Corp.: See—
Harris, Wilbur T. 2,820,912.
Harris, Wilbur T. 2,822,482.
Harris, Wilbur T. 2,830,204.
Harris, Wilbur T. 2,837,731.
Harris, Wilbur T. 2,842,689.
Harris, Wilbur T. 2,845,365.
Harris, Wilbur T. 2,848,672.
Harris, Wilbur T. 2,864,073.
- Harris Trust & Savings Bank: See—
Vance, Donald E. 2,851,179.
- Harris, Walter D., and J. W. Zukel, to United States Rubber Co. Organic esters of sulfurous acid. 2,820,808, 1-21-58, Cl. 260—156.
- Harris, Walter D., and A. W. Feldman, to United States Rubber Co. Plant growth regulants and herbicides. 2,828,198, 3-25-58, Cl. 71—2.3.
- Harris, Wilbur T., to The Harris Transducer Corp. Magneto-elastic transducer. 2,820,912, 1-21-58, Cl. 310—26.
- Harris, Wilbur T., to The Harris Transducer Corp. Variable-position transducer. 2,822,482, 2-4-58, Cl. 310—15.
- Harris, Wilbur T., to The Harris Transducer Corp. Linear mechanical oscillator circuit element transducer. 2,830,204, 4-8-58, Cl. 310—9.8.
- Harris, Wilbur T. Transducer. 2,834,952, 5-13-58, Cl. 340—8.
- Harris, Wilbur T., to The Harris Transducer Corp. Hydrophone cable. 2,837,731, 6-3-58, Cl. 340—17.
- Harris, Wilbur T., to The Harris Transducer Corp. Low-frequency magnetostrictive transducer. 2,842,689, 7-8-58, Cl. 310—26.
- Harris, Wilbur T., to The Harris Transducer Corp. Aluminum iron alloy. 2,845,365, 7-29-58, Cl. 117—65.

- Harris, Wilbur T., to The Harris Transducer Corp. Self-excited transducer. 2,848,672, 8-19-58, Cl. 318-118.
- Harris, Wilbur T., to The Harris Transducer Corp. Demountable cable hydrophone. 2,864,073, 12-9-58, Cl. 340-17.
- Harris, William H., to Micromatic Hone Corp. Size gauging device on honing tool. 2,821,049, 1-28-58, Cl. 51-34.
- Harris, William M. Color-selecting devices. 2,828,554, 4-1-58, Cl. 35-53.
- Harrison, Arthur V.: *See—*
Dloniak, Casimir G. 2,823,432.
- Harrison, Bertram M. Measuring aircraft course and ground speed systems. 2,865,019, 12-16-58, Cl. 343-8.
- Harrison (Birmingham) Ltd.: *See—*
Weaver, Geoffrey R. E. 2,828,150.
- Harrison, Bruce R. Expendable sinker release. 2,825,993, 3-11-58, Cl. 43-43.12.
- Harrison, Charles R., to Harrison Machine Co. Machine for making shell molds. 2,820,998, 1-28-58, Cl. 22-36.
- Harrison, Charles R. Core blowing machine. 2,864,134, 12-16-58, Cl. 22-10.
- Harrison, Clarence L. Floor laying clamp. 2,864,581, 12-16-58, Cl. 254-15.
- Harrison Cropsaver Co.: *See—*
Beatty, Clarence E. 2,823,511.
- Harrison, Dovie A.: *See—*
Christie, Cleve F. 2,864,113.
- Harrison, George. Method and means for casting slugs. 2,863,188, 12-9-58, Cl. 22-73.
- Harrison, Henry. Shock registering device. 2,825,297, 3-4-58, Cl. 116-114.
- Harrison, Henry, to The Greif Bros. Cooperage Corp. Fiber-board container. 2,863,596, 12-9-58, Cl. 229-23.
- Harrison, Henry C.: *See—*
Gustafson, Walter G., and Harrison. 2,837,612.
- Harrison, Homer S., to Allied Steel and Conveyors, Inc. Conveyor system incorporating power trolley line, branch free trolley line, and automatic load transfer therebetween. 2,845,034, 7-29-58, Cl. 104-96.
- Harrison, Howard L., to Minneapolis-Honeywell Regulator Co. Solenoid valve. 2,834,570, 5-13-58, Cl. 251-129.
- Harrison, James A. Make-up air heater. 2,836,409, 5-27-58, Cl. 263-19.
- Harrison, James M.: *See—*
Glazier, Edwin M., and Harrison. 2,848,387.
Smucker, Robert E., and Harrison. 2,828,509.
- Harrison, James M., and R. E. Smucker, to Crown Machine and Tool Co., Inc. Stripper mechanism for injection molding. 2,860,374, 11-18-58, Cl. 18-30.
- Harrison, John B. Loop guard for tufting machine. 2,836,134, 5-27-58, Cl. 112-79.
- Harrison, John F., to Koehring Co. Selective pressure control means for road rollers. 2,847,918, 8-19-58, Cl. 94-50.
- Harrison, John K. Brake assembly utilizing wedge shaped members. 2,852,107, 9-16-58, Cl. 188-78.
- Harrison, John R., to E. I. du Pont de Nemours and Co. Process for treating metals with ferrate solution. 2,850,415, 9-2-58, Cl. 148-6.14.
- Harrison, John R., and R. C. Toole, to E. I. du Pont de Nemours and Co. Alkali metal ferrates. 2,835,553, 5-20-58, Cl. 23-50.
- Harrison, John W., to General Electric Co. Anti "G" liquid reservoir. 2,860,648, 11-18-58, Cl. 137-38.
- Harrison, Low E. Dumping wheelbarrow. 2,852,304, 9-16-58, Cl. 298-3.
- Harrison, Lloyd E., to E. J. Zimmerman. Smear remover for meat slicing machine. 2,835,296, 5-20-58, Cl. 146-88.
- Harrison Machine Co.: *See—*
Harrison, Charles R. 2,820,998.
- Harrison, Marvin E.: *See—*
Bourne, Douglas J., and Harrison. 2,849,113.
Bourns, Marlan E., and Harrison. 2,841,674.
- Bourns, Marlan E., Harrison, Hardison, and Stewart. 2,850,607.
- Bourns, Marlan E., Harrison, Hedges, and Goepfinger. 2,857,495.
- Bourns, Marlan E., Harrison, Whitehorn, Hardison, and Gaa. 2,823,288.
- Bourns, Marlan E., Harrison, Whitehorn, Tyson, and Mellor. 2,831,094.
- Bourns, Marlan E., Harrison, and Young. 2,857,149.
- Bourns, Marlan E., Harrison, Young, and Goepfinger. 2,831,670.
- Harrison, Norman Corp.: *See—*
Harrison, Norman S. 2,853,391.
- Harrison, Norman S., to Norman Harrison Corp. Emulsifying and stabilizing composition for frozen confections and method of improving frozen confections. 2,853,391, 9-23-58, Cl. 99-136.
- Harrison, Richard I., to Sylvania Electric Products Inc. Search receiver with traveling wave tube. 2,843,733, 7-15-58, Cl. 250-20.
- Harrison, Richard L., to Sylvania Electric Products Inc. Electrical components and methods. 2,845,690, 8-5-58, Cl. 29-25.14.
- Harrison, Robert E. W. Method and apparatus for making plastic boats. 2,834,971, 5-20-58, Cl. 9-8.
- Harrison, Taylor H., to J. Danciger. Method for cleaning tires. 2,842,465, 7-8-58, Cl. 131-007.
- Harrison, Walter D.: *See—*
Dyer, John B., and Harrison. 2,819,620.
Dyer, John B., and Harrison. 2,841,994.
- Harrison, Walter D., to General Motors Corp. Windshield wiper mechanism. 2,825,019, 2-25-58, Cl. 318-466.
- Harrison, Walter D., General Motors Corp. Coordinated control means for vehicle windshield wiper and washer. 2,834,978, 5-20-58, Cl. 15-250.4.
- Harrison, Walter D., to General Motors Corp. Windshield wiper actuating mechanism. 2,861,457, 11-25-58, Cl. 74-75.
- Harrison, Wilbur E., Jr., to E. I. du Pont de Nemours and Co. Process of enveloping shaped objects. 2,828,799, 4-1-58, Cl. 154-41.
- Harrison, William M. Drilling fluid composition and method. 2,858,270, 10-28-58, Cl. 252-8.5.
- Harrold, George B., to United States of America, Navy. Electric ohmmeter. 2,841,765, 7-1-58, Cl. 324-62.
- Harrover, Robert E., Jr., to Westinghouse Electric Corp. Addition agent for acid copper electrolytes. 2,853,443, 9-23-58, Cl. 204-52.
- Harrow, Geoffrey A.: *See—*
MacCormack, Kenneth E., and Harrow. 2,837,473.
- Harry, Gordon W.: *See—*
Elder, Gordon B., and Harry. 2,840,002.
- Harry, Henry A. Multi-ribbed sealing strip. 2,853,330, 9-23-58, Cl. 288-33.
- Harry, Robert J., to The Alliance Machine Co. Ingot stripping and storage devices. 2,842,821, 7-15-58, Cl. 22-95.
- Harsco Corp.: *See—*
Harper, Wesley A. 2,863,608.
Heckett, Eric H. 2,837,289.
- Harsh, Carl R. Gear pulley. 2,834,100, 5-13-58, Cl. 29-261.
- Harsh, Maurice D., to United States of America as represented by the Secretary of the Navy. Graphexon storage tube. 2,822,493, 2-4-58, Cl. 313-89.
- Harsha, Henderson, and Johnson, Inc.: *See—*
Lisota, Edward. 2,863,673.
- Harshaw Chemical Co., The.: *See—*
Benjamin, Harry. 2,836,389.
- Foor, Ronald A. 2,843,721.
- Ford, Harry E., and Shenk. 2,848,392.
- Giordano, Anthony. 2,850,402.
- Hay, John O. 2,850,401.
- Long, Kenneth E., and Lytle. 2,850,400.
- Moy, Paul W. 2,862,861.
- Myers, Raymond R., and Zettlemoyer. 2,852,405.
- Harshbarger, Hubert E.: *See—*
Bodian, Marcus, and Harshbarger. 2,851,588.
- Harshbarger, Lynn B., and P. E. Meyer. Platform support apparatus. 2,833,503, 5-6-58, Cl. 248-235.
- Harstick, William H., and P. L. May, to International Harvester Co. Mounting means for a baler on a tractor. 2,839,981, 6-24-58, Cl. 97-47.15.
- Hart, Adolph. Cloth winding device. 2,831,641, 4-22-58, Cl. 242-55.
- Hart, Arthur L., and G. G. Kamm, to American Can Co. Electropickling process. 2,860,092, 11-11-58, Cl. 204-143.
- Hart & Cooley Mfg. Co.: *See—*
De Roo, William C. 2,837,991.
- Hart, David K. Internal combustion engine. 2,862,482, 12-2-58, Cl. 123-25.
- Hart, Donald M., to Moore Business Forms, Inc. Carbon paper inks and method for making same. 2,866,711, 12-30-58, Cl. 106-22.
- Hart, Donald P.: *See—*
Christenson, Roger M., Cummings, and Hart. 2,852,475.
Christenson, Roger M., and Hart. 2,853,459.
- Hart, Floyd J. Combination elevator and grain and corn hopper. 2,828,853, 4-1-58, Cl. 198-172.
- Hart, Fred P.: *See—*
Hughes, Robert H. and C. H. Hart, and Reintjes. 2,847,369.
- Hart, George B., Inc.: *See—*
Motose, Thomas E. P. P. 1,740.
- Hart, George L. Friction bands hinge connections. 2,818,951, 1-7-58, Cl. 192-80.
- Hart, Harold W., to Food Machinery and Chemical Corp. Adjustable feed receptacle for mechanical feeding apparatus. 2,827,877, 3-25-58, Cl. 119-61.
- Hart, Harold W. Water supplying device for poultry. 2,845,046, 7-29-58, Cl. 119-75.
- Hart, Henry A. Multiple-radius bending apparatus. 2,819,752, 1-14-58, Cl. 153-40.
- Hart, J. Ralph: *See—*
Tucker, Stephen C. 2,846,807.
- Hart, Jack M., to The United States of America as represented by the Secretary of the Navy. Flight controls mixing lever. 2,818,746, 1-7-58, Cl. 74-480.
- Hart, John G., to General Motors Corp. Windshield wiper actuating mechanism. 2,832,225, 4-29-58, Cl. 74-70.
- Hart, John T.: *See—*
Mangold, George B., Dyer, and Hart. Re. 24,570.
- Hart, Joseph R. Apparatus for determining moisture in seeds and grain. 2,825,870, 3-4-58, Cl. 324-40.
- Hart, Kenneth G., to General Dynamics Corp. Flapper-nozzle valve system. 2,856,947, 10-21-58, Cl. 137-84.
- Hart, Lester C., to Joslyn Mfg. & Supply Co. High voltage switch. 2,849,578, 8-26-58, Cl. 200-146.
- Hart, Milburn F. Newspaper holding and bundling receptacle. 2,850,197, 9-2-58, Cl. 220-6.
- Hart, Norman E., and B. E. Robinson, to Toledo Scale Co. Type positioning mechanism. 2,818,801, 1-7-58, Cl. 101-99.

- Hart, Raymond G., and C. J. Gardner, Jr., to The Borden Co. Epoxy modified urea-formaldehyde condensation product and method of making same. 2,819,238, 1-7-58, Cl. 260-29.4.
- Hart, Robert D.: *See*—
Bengtsson, Bertil S., and Hart. 2,825,784.
- Hart, Robert H., to Georgia Tech Research Institute. Piston type metering valve. 2,850,209, 9-2-58, Cl. 222-3.
- Hart, Robert T., to S. D. Warren Co. Process of forming an unsolubilized protein film on a base. 2,849,334, 8-26-58, Cl. 117-64.
- Hart, Robert W. Selective receiver. 2,850,625, 9-2-58, Cl. 250-20.
- Hart, Robert W. Integrating signal detector employing a resonant mechanical system. 2,861,256, 11-18-58, Cl. 340-6.
- Hart, Thomas F., and R. S. Wishart, Jr., to Union Carbide Corp. Water-repellent asbestos-cement structural articles and method of making. 2,833,673, 5-6-58, Cl. 117-126.
- Hart, Thomas G., to Moflats Ltd. Control for surface heating element. 2,840,679, 6-24-58, Cl. 219-20.
- Hart, Vado M.: *See*—
Eddy, William R., and Hart. 2,859,020.
- Hart, William A. Apparatus for and method of operating soaking pit furnace covers. 2,819,802, 1-14-58, Cl. 212-4.
- Hart, William C.: *See*—
Platts, Berdell H. 2,853,911.
- Harten, Hans-Ulrich: *See*—
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- Hartenberg, I. L.: *See*—
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Morgan, Porter S. 2,850,129.
- Harter, Charles H., to Idevelopers, Inc. Scissors having handles with flexible loops. 2,846,766, 8-12-58, Cl. 30-341.
- Harter, Edgar F., to The Springfield Metallic Casket Co., Inc. Adjustable bed mechanism for caskets. 2,839,814, 6-24-58, Cl. 27-12.
- Harter, Glenn P., to Minneapolis Freeman Mfg. Co. Load carrying vehicle. 2,822,941, 2-11-58, Cl. 214-131.
- Harter, James D. Saw horses. 2,828,165, 3-25-58, Cl. 304-5.
- Harter, James R. R. Fluid pressure actuated coupling. 2,861,821, 11-25-58, Cl. 285-306.
- Harter, Mary C.: *See*—
Livers, Harold F. 2,843,373.
- Harter, Paul A.: *See*—
Pierce, William C., and Harter. 2,839,697.
- Harter, Paul A., to Warner Electric Brake & Clutch Co. Magnetic torque producing device. 2,857,998, 10-28-58, Cl. 192-84.
- Harter, Paul A., and R. C. Walter, to Warner Electric Brake & Clutch Co. Pole piece unit for magnets. 2,864,178, 12-16-58, Cl. 192-84.
- Harter, Robert L., to Trabon Engineering Corp. Pressure responsive switch actuator. 2,857,491, 10-21-58, Cl. 200-83.
- Harter, Urban H.: *See*—
Powell, William N. 2,843,216.
- Harter, William R.: *See*—
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- Hartfield, Robert G., and A. J. Clark, to Motorola, Inc. Radio receiver. 2,863,047, 12-2-58, Cl. 250-20.
- Hartford Tool & Die Co., The: *See*—
Olson, Gunnar E. 2,852,966.
- Hartford, Willis G., and J. W. Holt, to Champion International Co. Apparatus for detecting defects in sheet materials. 2,826,911, 3-18-58, Cl. 73-159.
- Harthman, Francis P.: *See*—
Chapman, Joseph E. G., Dixon, Harwood, and Harthman. 2,827,618.
- Hartig, Henry E., and G. A. Brettell, Jr., to United States of America, Navy. Bathythermograph simulator. 2,839,839, 6-24-58, Cl. 35-11.
- Hartigan, Edward R., Sr. Blow darts. 2,821,397, 1-28-58, Cl. 273-106.3.
- Hartis, William E.: *See*—
Alexander, Perry L., Hartis, and Wilkens. 2,860,762.
- Hartle, Louis J., to Amsler Morton Corp. Soaking pit curb. 2,819,694, 1-14-58, Cl. 110-181.
- Hartle, Norman F., to National Lead Co. Automatic air vent valve. 2,850,033, 9-2-58, Cl. 187-197.
- Hartley, George C., to International Standard Electric Corp. Static electrical code translating apparatus. 2,834,836, 5-13-58, Cl. 179-18.
- Hartley, George C., and F. H. Bray, to International Standard Electric Corp. Storage of electrical intelligence. 2,847,657, 8-12-58, Cl. 340-174.
- Hartley, James: *See*—
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- Hartley, James, T. H. Ramsay, and J. D. Shimmmin, to Shell Development Co. Ester lubricants. 2,820,014, 1-14-58, Cl. 252-56.
- Hartley, James C., to Olin Mathieson Chemical Corp. Method of electrolytically rifling gun barrels. 2,848,401, 8-19-58, Cl. 201-143.
- Hartley, James C., H. I. Day, and J. L. Wilson, to Olin Mathieson Chemical Corp. Composite firearm barrel comprising glass fibers. 2,847,786, 8-19-58, Cl. 42-76.
- Hartley, Lloyd S., J. B. Henry, J. W. Miller, and W. E. Shaban, to General Electric Co. Apparatus for making tube envelopes. 2,837,870, 6-10-58, Cl. 49-2.
- Hartley, Ralph S., to Fibreboard Paper Products Corp. Carton for fruit or the like. 2,822,972, 2-11-58, Cl. 229-23.
- Hartley Pen Co.: *See*—
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- Hartline, Ralph E., and D. Silverman, to Pan American Petroleum Corp. Production testing of wells while varying producing conditions. 2,818,728, 1-7-58, Cl. 73-155.
- Hartman Electrical Mfg. Co.: *See*—
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- Hartman Electrical Mfg. Co., The: *See*—
Epstein, Philip L., and Arntz. 2,858,457.
- Hartman, Eugene H., to United States Rubber Co. Device for shaping plastic materials. 2,838,790, 6-17-58, Cl. 18-2.
- Hartman, Frank W., Jr., to Holley Carburetor Co. Ignition system for an internal combustion engine. 2,852,588, 9-16-58, Cl. 123-148.
- Hartman, George M., to Charles H. Bacon Co. Hose packaging device. 2,833,399, 3-6-58, Cl. 206-46.
- Hartman, George S., and A. L. Levine, to The Electric Storage Battery Co. Storage battery plates. 2,865,973, 12-23-58, Cl. 136-20.
- Hartman, George S., and A. L. Levine, to The Electric Storage Battery Co. Battery electrodes and methods of making the same. 2,865,975, 12-23-58, Cl. 136-28.
- Hartman, Gladys L. Multipurpose electric lamp. 2,853,597, 9-23-58, Cl. 240-11.2.
- Hartman, Harold E. Combination packing, shipping and dispensing carton. 2,859,897, 11-11-58, Cl. 221-305.
- Hartman, Harry J., to Allied Research Products, Inc. Method for coating iron and zinc alloy sheets. 2,851,386, 9-9-58, Cl. 148-6.2.
- Hartman, Harvey L. Support for scaling fish. 2,863,165, 12-9-58, Cl. 17-8.
- Hartman, Herbert L., to The General Industries Co. Plural-speed phonograph turntable drive mechanisms. 2,866,346, 12-30-58, Cl. 74-190.
- Hartman, Newton H., to Knoxville Fertilizer Co. Methods and apparatus for handling bags. 2,856,741, 10-21-58, Cl. 53-124.
- Hartman, Richard L., to Trade-Wind Motors, Inc. Heater and heating element insulator. 2,856,500, 10-14-58, Cl. 219-19.
- Hartman, Robert R., to Remington Arms Co., Inc. Safety means for flywheels. 2,866,359, 12-30-58, Cl. 74-605.
- Hartman, William C. Adjustable picture frame. 2,866,286, 12-30-58, Cl. 40-155.
- Hartman, William W. Grinding charge for ball mills. 2,847,169, 8-12-58, Cl. 241-184.
- Hartmann, Adolf, to Farbwerke Hoechst Akt., vormals Meister Lucius & Bruning. Process for improving polymers of acrylonitrile. 2,846,423, 8-5-58, Cl. 260-85.5.
- Hartmann & Braun Akt.: *See*—
Axt, Gunter. 2,863,736.
Axt, Gunter, and Lotz. 2,866,330.
Winterling, Karl H., and Kowert. 2,844,729.
- Hartmann, Carl E.: *See*—
Allmang, William, Hartmann, and Thompson. 2,838,431.
- Hartmann, Carl W., and A. B. Hansen, to Keyes Fibre Co. Casing for individual bottles and objects of like shape. 2,838,226, 6-10-58, Cl. 229-90.
- Hartmann, Clara: *See*—
Hartmann, Eric. 2,830,411.
- Hartmann, Eric, deceased: *See*—
C. Hartmann, executor, to Porter-Cable Machine Co. Reciprocating sanding machine. 2,830,411, 4-15-58, Cl. 51-170.
- Hartmann, Eric C., to Dade Disinfecting Co., Inc. Odorant dispenser. 2,828,933, 4-1-58, Cl. 261-30.
- Hartmann, Hans, to Akt. Brown, Boveri & Cie. High voltage transformer. 2,848,700, 8-19-58, Cl. 336-70.
- Hartmann, Heinrich, and H. Horstkamp. Machine for the automatic cutting and setting of white peat sods. 2,850,367, 9-2-58, Cl. 44-29.
- Hartmann, Helmut: *See*—
Stein, Werner, and Hartmann. 2,853,478.
- Hartmann, Josef-Heinrich, to Siemens-Reiniger-Werke Akt. Production of plural photographic images in one exposure. 2,844,732, 7-22-58, Cl. 250-65.
- Hartmann, Joseph-Heinrich. Arrangement for producing plural photographic exposures. 2,844,734, 7-22-58, Cl. 250-65.
- Hartmann, Ludwig G., and N. L. Hause, to E. I. du Pont de Nemours and Co. Production of tryptophan. 2,829,145, 4-1-58, Cl. 260-309.5.
- Hartmann, Miner L.: *See*—
Barnett, Harold M., Hartmann, Mosher, and Espoy. 2,848,508.
- Hartmann, Paul: *See*—
Rehner, Thomas, and Hartmann. 2,865,776.
- Hartmann, Waldemar. Machine for metering and delivering powder. 2,866,666, 12-30-58, Cl. 302-37.
- Hartmann, Wilhelm: *See*—
Becker, Rudolf, and Hartmann. 2,838,918.
- Hartn, Hans-Ulrich: *See*—
Koch, Werner, and Harten. Re. 24,537.
- Hartner, Leo: *See*—
Junghans, Helmut, and Hartner. 2,847,818.
- Hartnett, Jerome P., to Hammond Industries, Inc. Typewriter platform. 2,831,746, 4-22-58, Cl. 312-306.

- Hartnett, R. W., Co.:** *See—*
Ackley, Amos. 2,859,689.
- Hartog, Robert,** to Kitchen Installations Ltd. Sink attachment. 2,846,695, 8-12-58, Cl. 4—187.
- Harton, Lynn M.:** *See—*
Rowe, Raymond N., and Harton. 2,862,117.
- Hartop, William L., Jr.:** *See—*
McMinn, Roland A., and Hartop. 2,837,091.
- Hartsfield, William L.** Sound absorbing wall panels. 2,821,618, 2-25-58, Cl. 181—33.
- Hartsfield, William L.** Compressional-wave lens. 2,848,058, 8-19-58, Cl. 181—5.
- Hartshorn, George D.,** to Brasco Mfg. Co. Spring clip. 2,865,063, 12-23-58, Cl. 20—56.4.
- Hartshorn, George D., Sr.** Shade. 2,821,204, 1-28-58, Cl. 135—6.
- Hartstein, Fred W.** Apparatus for making non-woven cloth. 2,828,795, 4-1-58, Cl. 154—1.7.
- Hartstein, Fred W.** Non-woven cloth. 2,842,472, 7-8-58, Cl. 151—16.
- Hartstein, Fred W.** Rug making apparatus. 2,853,963, 9-30-58, Cl. 112—79.
- Hartung, Richard E.** Lockproof flower pots. 2,854,790, 10-7-58, Cl. 47—34.
- Hartung, Richard E.,** and C. F. Harms, to Plastics Mfg. Inc. Pouring spout. 2,860,821, 11-18-58, Cl. 222—519.
- Hartup, William O.:** *See—*
Boultinghouse, Kermit T., and Gall. 2,828,632.
- Hartwell Aviation Supply Co.:** *See—*
Henrichs, Bernard W. 2,833,582.
Smith, Lawrence D., and Sawyer. 2,832,446.
- Hartwell, Clark:** *See—*
Smith, Lawrence D., and Sawyer. 2,832,446.
- Hartwell, George W.,** to Worthington Corp. Compressor unloader. 2,865,557, 12-23-58, Cl. 230—31.
- Hartwell, George W.,** and H. E. Lindner, to Worthington Corp. Unloader for compressor. 2,831,625, 4-22-58, Cl. 230—24.
- Hartwick, George J.:** *See—*
Hendrickson, John V., and Hartwick. 2,847,230.
- Hartwig, Albert F.,** to McDonnell Aircraft Corp. Method of and apparatus for tempering, quenching or similarly treating sheets, bodies, and the like. 2,838,788, 6-17-58, Cl. 18—1.
- Hartwig, Edward C.,** to Westinghouse Electric Corp. Electric discharge apparatus. 2,834,918, 5-13-58, Cl. 315—230.
- Hartwig, Edward C.,** to Westinghouse Electric Corp. Electronic sequence timer. 2,866,134, 12-23-58, Cl. 315—252.
- Hartwig, Edward C.,** and H. W. Van Ness, to Westinghouse Electric Corp. Electronic pulsation sequence timer. 2,840,764, 6-24-58, Cl. 315—252.
- Hartwig, Richard F.** Packaging machine. 2,860,463, 11-18-58, Cl. 53—76.
- Hartwig, Walter J.,** to Allis-Chalmers Mfg. Co. Self-cleaning grizzly for clinker cooler. 2,831,270, 4-22-58, Cl. 34—164.
- Hartz, Harry J.** Time delay mercury switch. 2,851,547, 9-9-58, Cl. 200—33.
- Hartz, Harry J.,** to Minneapolis-Honeywell Regulator Co. Controller. 2,864,399, 12-16-58, Cl. 137—486.
- Hartz, Joseph M.,** to General Telephone Laboratories, Inc. Calling device identification cam assembly. 2,824,176, 2-18-58, Cl. 179—90.
- Hartzband, Harry M.:** *See—*
Biebr, Herman, and Hartzband. 2,846,358.
- Hartzell, Blanche D.:** *See—*
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- Hartzell, Forest H.** Electrode. 2,848,411, 8-19-58, Cl. 204—290.
- Hartzell, Herman L.,** and L. D. Burch, to General Motors Corp. Engine governor. 2,828,725, 4-1-58, Cl. 123—103.
- Hartzell, Herman L.,** P. W. House, C. E. Tice, and C. W. Smith, to General Motors Corp. Engine starter. 2,839,935, 6-24-58, Cl. 74—6.
- Hartzell Industries Inc.:** *See—*
Biermann, David. Re. 2,845,530.
- Hartzell, Maurice H.:** *See—*
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- Hartzell, Maurice H.** Typographical mold. 2,855,095, 10-7-58, Cl. 199—92.
- Hartzler, Melvin E.:** *See—*
McKee, John F., and Hartzler. 2,861,800.
- Hartzler, Melvin E.,** to McKee Door Co. Door operating mechanism. 2,861,799, 11-25-58, Cl. 268—59.
- Harukawa, Tadatsugu:** *See—*
Abe, Yasuo, Harukawa, Ishikawa, Miki, Sumi, and Toga. 2,836,604.
Abe, Yasuo, Harukawa, Ishikawa, Miki, Sumi, and Toga. 2,862,953.
- Harvard Mfg. Co., The:** *See—*
Entwistle, John E. 2,826,765.
Sands, Hillard J. 2,842,782.
- Harvel Research Corp.:** *See—*
Harvey, Mortimer T. 2,828,275.
Harvey, Mortimer T., and Rosamilia. 2,819,244.
Harvey, Mortimer T., and Rosamilia. 2,825,713.
Harvey, Mortimer T., and Rosamilia. 2,828,820.
Harvey, Mortimer T., and Rosamilia. 2,839,481.
Harvey, Mortimer T., and Rosamilia. 2,839,488.
Harvey, Mortimer T., and Rosamilia. 2,859,192.
Harvey, Mortimer T., and Rosamilia. 2,861,978.
Harvey, Mortimer T., and Rosamilia. 2,861,979.
- Harvel Research Corp.:** *See—Continued*
Rosamilia, Peter L. 2,853,469.
Rosamilia, Peter L. 2,853,470.
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Harvengt, Edmond, to Link-Belt Co. Means for discharging concentrates from concentrating pans. 2,822,924, 2-11-58, Cl. 209—496.
Harvengt, Edmond, to Link-Belt Co. Means for discharging granular products in wet treatment apparatus. 2,833,414, 5-6-58, Cl. 209—490.
Harvestaire, Inc.:
- Harvestaire, Inc.:** *See—*
Rogers, Robert E., Lea, and Hill. 2,835,256.
- Harvey, David R. M.** Adhesive plaster. 2,822,509, 2-4-58, Cl. 317—2.
- Harvey, Donald,** to Imperial Chemical Industries Ltd. Device for delivering measured quantities of gases or vapours. 2,833,151, 5-6-58, Cl. 73—422.
- Harvey, Earle M.,** to the United States of America as represented by the Secretary of the Army. Hydraulic actuated firing pin for a firearm. 2,826,847, 3-18-58, Cl. 42—69.
- Harvey, Edmund N., Jr.,** and M. L. Brockway, to Kee Lox Mfg. Co. Luminescent transfer paper. 2,822,288, 2-4-58, Cl. 117—33.5.
- Harvey, Edward W.,** to Allied Chemical Corp. Process and composition for reducing corrosion of metals. 2,855,286, 10-7-58, Cl. 71—29.
- Harvey, Herbert,** to Harvey Machine Co., Inc. Skid for handling machinery. 2,828,931, 4-1-58, Cl. 248—119.
- Harvey, Herbert,** to Harvey Machine Co., Inc. Method of securing an end piece to a tube. 2,832,130, 4-29-58, Cl. 29—453.
- Harvey, Herbert,** and D. E. Moline, to Harvey Machine Co., Inc. Apparatus for forming spiral projections in tubing. 2,852,835, 9-23-58, Cl. 29—1.1.
- Harvey, Jack E.:** *See—*
Beyer, Thomas W., and Harvey. 2,865,585.
- Harvey, Kelsey I.** Method of making metal reinforced plastic bodies. 2,852,840, 9-23-58, Cl. 29—472.9.
- Harvey, Lawrence:** *See—*
Jones, Maurice H. 2,862,442.
- Harvey, Leo M.:** *See—*
Jones, Maurice H. 2,862,442.
- Harvey, Louis A.** Fencing game. 2,840,378, 6-24-58, Cl. 273—85.
- Harvey Machine Co., Inc.:** *See—*
Anderson, Paul E., and Stam. 2,847,020.
Anderson, Paul E., and Stam. 2,847,186.
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Harvey, Herbert, and Moline. 2,852,835.
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- Harvey, Mortimer T.:** *See—*
Rosamilia, Peter L., and Harvey. 2,839,487.
- Harvey, Mortimer T.,** to Harvel Research Corp. Mixtures of furfural-ketone and partially hydrogenated furfural-ketone organic reaction products. 2,828,275, 3-25-58, Cl. 260—42.
- Harvey, Mortimer T.,** and P. L. Rosamilia, to Harvel Research Corp. Compositions of matter comprising acetone-formaldehyde reaction products and liquid polysulphide polymers. 2,819,244, 1-7-58, Cl. 260—42.
- Harvey, Mortimer T.,** and P. L. Rosamilia, to Harvel Research Corp. Compositions comprising amine modified acetone formaldehyde resin and method of making same. 2,825,713, 3-4-58, Cl. 260—45.2.
- Harvey, Mortimer T.,** and P. L. Rosamilia, to Harvel Research Corp. Novel compositions of matter and methods and steps of making and using the same. 2,828,820, 4-1-58, Cl. 166—31.
- Harvey, Mortimer T.,** and P. L. Rosamilia, to Harvel Research Corp. Combination of ketone formaldehyde products and glycidyl ether of polyhydric phenols or polyhydric alcohols. 2,839,481, 6-17-58, Cl. 260—19.
- Harvey, Mortimer T.,** and P. L. Rosamilia, to Harvel Research Corp. Compositions containing epoxy resins and furfural-ketone reaction products. 2,839,488, 6-17-58, Cl. 260—42.
- Harvey, Mortimer T.,** and P. L. Rosamilia, to Harvel Research Corp. Combinations of vinyl aqueous emulsions and resinous acetone-formaldehyde reaction products. 2,859,192, 11-4-58, Cl. 260—29.6.
- Harvey, Mortimer T.,** and P. L. Rosamilia, to Harvel Research Corp. Acid polymerization of butadiene 1,3-furfural reaction product. 2,861,978, 11-25-58, Cl. 260—67.
- Harvey, Mortimer T.,** and P. L. Rosamilia, to Harvel Research Corp. Butadiene-furfural reaction product. 2,861,979, 11-25-58, Cl. 260—67.
- Harvey, Nelson A.,** to Northrop Aircraft, Inc. Portable cable terminal swaging device. 2,831,377, 4-22-58, Cl. 78—42.
- Harvey, Norman J.:** *See—*
Eastbrook, Robert J., and Harvey. 2,845,998.
- Harvey, Norman L.,** to Sylvania Electric Products Inc. Collision warning radar. 2,842,764, 7-8-58, Cl. 343—14.
- Harvey, Robert D.:** *See—*
Giuliano, Vincent E., and Harvey. 2,836,193.
- Harvey, Russell E.** Fuel feed system for solid fuel burning engine. 2,836,158, 5-27-58, Cl. 123—23.
- Harvey, Sidney M.** Welding electrode actuator. 2,844,708, 7-22-58, Cl. 219—86.
- Harvey, Wilfred G.** Knockout mechanism for molding machine. 2,837,765, 6-10-58, Cl. 18—16.
- Harvey, Wilfred G.** Feed mechanism for injection molding machine. 2,841,824, 7-8-58, Cl. 18—30.

- Harvey, Winston S., and H. Eisler, to Raytheon Mfg. Co. Electric motor controls. 2,847,632, 8-12-58, Cl. 318-327.
- Harville, George L.: *See*—
Purcell, Edward J., Flagler, and Harville. 2,856,858.
- Harwell, Edward M.: *See*—
Anderson, Dale L., Shaffer, Harwell, Knowles, and Nash. 2,831,519.
- Harwood Engineering Co.: *See*—
Newhall, Donald H. 2,819,835.
- Harwood, Frederick A.: *See*—
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- Harwood, John H., J. Kerr, and S. F. W. Crundall, to Peter Spence & Sons Ltd. Coagulation and sludge conditioning. 2,808,269, 10-28-58, Cl. 210-42.
- Harwood, Mark H.: *See*—
Napoli, Seymour, and Harwood. 2,849,576.
- Harwood, Robert H., to the United States of America as represented by the Secretary of the Navy. Sonar simulator. 2,821,387, 2-25-58, Cl. 35-10.4.
- Harwood, Stanley G.: *See*—
Hunsley, John H. 2,842,156.
- Harwood, William H., and W. W. Woods, to Continental Oil Co. Anti-seep agent. 2,843,549, 7-15-58, Cl. 252-72.
- Harz, Hermann, to Siemens-Schuckertwerke Akt. Excitation system for synchronous machines. 2,839,716, 6-17-58, Cl. 322-25.
- Hasbrook, Arthur F., to O. S. Petty. Pulse intensifying circuit for cathode-ray oscillograph tubes. 2,830,227, 4-8-58, Cl. 315-22.
- Hasbrook, Arthur F., to O. S. Petty. Method and apparatus for determining time delay in pulse repeaters. 2,845,621, 7-29-58, Cl. 343-13.
- Hasbrouck, Bevier, to Sperry Rand Corp. Traveling magnetic half-heads for magnetic drums. 2,831,180, 4-15-58, Cl. 340-174.
- Hasbrouck, Richard B., to Abbott Laboratories. Crystalline salts of pantothenic acid. 2,856,421, 10-14-58, Cl. 260-501.
- Hasche, Rudolph L. Self-sustaining regenerative process. 2,844,452, 7-22-58, Cl. 48-196.
- Hasche, Rudolph L., to Koppers Co., Inc. Regenerative processes and apparatus. 2,845,335, 7-29-58, Cl. 23-288.
- Hasche, Rudolph L. Refractory regenerative catalytic process. 2,846,296, 8-5-58, Cl. 48-196.
- Hase, Leopold: *See*—
Isbenjian, Hrant, Hase, and Othmer. 2,835,572.
- Hasek, Robert H., to Eastman Kodak Co. Production of crystalline cobalt tetracarbonyl. 2,865,716, 12-23-58, Cl. 23-203.
- Hasek, Robert H., and C. W. Wayman, to Eastman Kodak Co. Improved hydroformylation catalysts and reaction media containing nitrogen bases. 2,820,059, 1-14-58, Cl. 260-604.
- Haselden, Geoffrey G. Extraction of oxygen from the atmosphere and like operations. 2,861,432, 11-25-58, Cl. 62-29.
- Haseloff, Fritz, to Licentia Patent-Verwaltungs-G. m. b. H. Apparatus for printing vouchers, tickets and the like. 2,822,751, 2-11-58, Cl. 101-66.
- Haselton, Kenneth E., to the N. D. Cass Co. Adjustable sandbox canopy. 2,851,045, 9-9-58, Cl. 135-5.
- Hasenohrl, Theodore W. Tree support. 2,821,353, 1-28-58, Cl. 248-44.
- Hash, James M. Injector hatchet. 2,853,833, 9-30-58, Cl. 17-37.5.
- Haskel Engineering Associates: *See*—
Hayman, Richard L. 2,844,421.
- Haskelite Mfg. Corp.: *See*—
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- Haskell, Albert A., and L. B. Wheeler, to Titanium Metals Corp. of America. Splitter device. 2,848,144, 8-19-58, Cl. 222-330.
- Haskell, Herbert T. Artificial fishing lure hook guard. 2,841,917, 7-8-58, Cl. 43-54.5.
- Haskell, Lloyd E., and C. W. Mell. Storage battery. 2,845,470, 7-29-58, Cl. 136-45.
- Haskell Mfg. Co.: *See*—
Marks, Lou F., and Louik. 2,860,642.
- Haskell, Philip R.: *See*—
Aitken, William H., Connor, and Haskell. 2,848,915.
- Haskin, Walter E., to Pressed and Welded Steel Products Co., Inc. Binder. 2,839,064, 6-17-58, Cl. 129-1.
- Haslam, John H., to E. I. du Pont de Nemours and Co. Ester interchange catalysts. 2,820,506, 1-21-58, Cl. 260-448.8.
- Haslam, John H., to E. I. du Pont de Nemours and Co. Ester interchange catalysts. 2,822,348, 2-4-58, Cl. 260-75.
- Haslam, John H., to E. I. du Pont de Nemours and Co. Esters of antimony. 2,839,554, 6-17-58, Cl. 260-446.
- Haslam, Paul M., to I-T-E Circuit Breaker Co. Interrupter attachment for disconnect switch. 2,824,935, 2-25-58, Cl. 200-146.
- Haslam-Jones, Frank H., to John Jardine Ltd. Dropper jacquard mechanism. 2,839,962, 6-24-58, Cl. 87-14.
- Haslam-Jones, Frank H., to John Jardine Ltd. Dropper jacquard mechanism. 2,843,000, 7-15-58, Cl. 87-14.
- Hasler A. G. Werke für Telefonie und Prazisionmechanik: *See*—
Oberholzer, Max. 2,833,872.
- Hasler & Co.: *See*—
Zuber, Walter. 2,818,895.
- Haslett, Elmer. Container openers. 2,829,432, 4-8-58, Cl. 30-16.
- Hass, Ernst A. Filter apparatus. 2,848,112, 8-19-58, Cl. 210-333.
- Hassan, Fauthal A.: *See*—
Hassan, Joseph A. 2,860,721.
- Hassan, Joseph A., 1/2 to Fauthal A. Hassan. Sound reproducing device. 2,860,721, 11-18-58, Cl. 181-31.
- Hasse, Ernst: *See*—
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- Hassel, Henrik B. Telescopic lock. 2,840,402, 6-24-58, Cl. 287-58.
- Hassel, Lloyd V., to Armstrong Cork Co. Method of improving the curl resistance of cork tile. 2,852,412, 9-16-58, Cl. 117-65.
- Hasselblad, Erik D. V., to Aktiebolaget Tryckror. Device for use in the manufacture of spigot and socket pipes of concrete having pre-tensioned reinforcements. 2,855,078, 12-23-58, Cl. 25-127.
- Hasselhorn, Walter C., to Cook Electric Co. Lightning arresters. 2,839,635, 6-17-58, Cl. 200-118.
- Hasselhorn, Walter C., to Cook Electric Co. Arc welding. 2,862,098, 11-25-58, Cl. 219-74.
- Hassel, Dennis R., to Hassells, Inc. Log bunk with remotely releasable stake. 2,828,140, 3-25-58, Cl. 280-145.
- Hassells, Inc.: *See*—
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- Hasseidquist, Victor H., to The B. F. Goodrich Co. Inflatable shelter. 2,851,014, 9-30-58, Cl. 135-1.
- Hasser, George L.: *See*—
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- Hassler, David H. Breaker point gauge. 2,838,842, 6-17-58, Cl. 33-180.
- Hassler, Weddie H., and R. W. Barton; said Barton assor. to Mead Johnson & Co. Paste dispenser. 2,862,496, 12-2-58, Cl. 128-261.
- Hasten, Erwin J., Jr., to Standard Railway Equipment Mfg. Co. Car roof with integral running board. 2,839,016, 6-17-58, Cl. 108-54.
- Hastings, Arthur C., Jr. Spark plug. 2,833,950, 5-6-58, Cl. 313-137.
- Hastings, Courtland: *See*—
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- Hastings, Donald F.: *See*—
Bechberger, Paul F., and Hastings. 2,834,953.
- Hastings, Donald F., to Bendix Aviation Corp. Transmission torque sensor. 2,826,061, 3-11-58, Cl. 73-136.
- Hastings, Gerald F.: *See*—
Carmichael, Robert D., and Hastings. 2,820,862.
- Hastings, Harold E. Fold-down gates. 2,856,710, 10-21-58, Cl. 39-24.
- Hastings, Harris F.: *See*—
Bey, Paul P., and Hastings. 2,860,305.
- Hastings, John A. Micromanipulator. 2,857,808, 10-28-58, Cl. 88-40.
- Hastings, John V., III, and A. A. Schoenberg. Laminated flexible sheet material. 2,858,248, 10-28-58, Cl. 154-47.
- Hastings Mfg. Co.: *See*—
Wilkinson, James W. 2,833,415.
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Wilkinson, James W. 2,855,103.
Wilkinson, James W. 2,855,104.
- Hastings, Norman R., to Walk Time, Inc. Precipitation gauge. 2,821,852, 2-4-58, Cl. 73-171.
- Hastings, Norman R. Tool for removing threaded jar-caps. 2,854,872, 10-7-58, Cl. 81-3.3.
- Hastings, Whitney. Portable exercising device. 2,832,595, 4-29-58, Cl. 272-73.
- Haston, Jack E.: *See*—
Wormser, Arthur, McKinney, Mahacek, and Haston. 2,822,928.
- Hastrup, Herman and R. C. Surface contactor for blast cleaning machine. 2,830,408, 4-15-58, Cl. 51-11.
- Hastrup, Herman and R. C. Portable blast cleaning machine. 2,840,955, 7-1-58, Cl. 51-8.
- Hastrup, Herman and R. C. Means for abrasive blast cleaning edges of surfaces. 2,857,715, 10-28-58, Cl. 51-11.
- Hastrup, Rolf C.: *See*—
Hastrup, Herman and R. C. 2,830,408.
Hastrup, Herman and R. C. 2,840,955.
Hastrup, Herman and R. C. 2,857,715.
- Hasty, Carroll G., to Shakespeare Products Co. Selective control mechanism. 2,851,898, 9-16-58, Cl. 74-471.
- Haszard, Owen I., to Amerac, Inc. Shaft revolution counter. 2,858,984, 11-4-58, Cl. 235-103.
- Haszeldine, Robert N. Preparation of perfluorodienes. 2,833,831, 5-6-58, Cl. 260-653.3.
- Haszeldine, Robert N., and H. Iserson, to Pennsalt Chemicals Corp. Preparation of fluorine compounds. 2,814,636, 7-22-58, Cl. 260-653.
- Hat Corp. of America: *See*—
Cavanagh, Lawrence D. 2,834,019.
- Havens, Charles R., and Magrath. 2,844,823.
- Pascale, Martin M., and Rickus. 2,849,108.
- Hatch, Gerald G., to Kennecott Copper Corp. Electrode composition. 2,837,811, 6-10-58, Cl. 29-191.2.
- Hatch, Gerald G., and P. J. Enslo, to Quebec Iron and Titanium Corp. Smelting of ilmenite. 2,822,256, 2-4-58, Cl. 75-7.
- Hatch, Gordon. Heating element and reflector mounting method. 2,822,457, 2-4-58, Cl. 219-34.
- Hatch, Gordon. Vented panel. 2,822,458, 2-4-58, Cl. 219-35.

- Hatch, Gordon. Hot plate and utensil detachably connected mechanically by a thermostatic probe. 2,850,616, 9-2-58, Cl. 219-43.
- Hatch, James F.: *See*—
Byatt, Dennis, and Hatch. 2,836,817.
- Hatch, Meredith R., to E. W. Bliss Co. Laminated press. 2,860,571, 11-18-58, Cl. 100-231.
- Hatch, Meredith R., and R. H. Kemp, to E. W. Bliss Co. Briquetting press. 2,825,092, 3-4-58, Cl. 18-16.7.
- Hatch, Paul R. Device for rationing cigarettes. 2,819,814, 1-14-58, Cl. 221-83.
- Hatch, Philip J. Motion transmitting mechanism. 2,859,630, 11-11-58, Cl. 74-110.
- Hatch, Robert A.: *See*—
Comeforo, Jay E., and Hatch. 2,829,061.
- Hatch, Robert L.: *See*—
Hammesfahr, Frederic W., and Hatch. 2,834,753.
Hammesfahr, Frederic W., Hatch, and Luckhowec. 2,822,327.
- Hatch, Robert L., and J. F. Blumenfeld, to General Electric Co. Process for removing volatile organopolysiloxanes from high molecular weight organopolysiloxanes by stripping gas and kneading. 2,834,754, 5-13-58, Cl. 260-46.5.
- Hatcher, Albert J. 50% to W. A. Jones. Extensible whipstock. 2,821,362, 1-28-58, Cl. 255-1.6.
- Hatcher, Creel W. Dispensing machine. 2,832,506, 4-29-58, Cl. 221-103.
- Hatcher, Eugenia D. Pastry crust sections. 2,852,390, 9-16-58, Cl. 99-92.
- Hatcher, Glenn B., to Bloomer Bros. Co. Carton erecting machine. 2,826,967, 3-18-58, Cl. 93-37.
- Hatcher, John B. Trigonometric switch. 2,845,500, 7-29-58, Cl. 200-11.
- Hatcher, Joseph H. Holding and display device. 2,861,682, 11-25-58, Cl. 206-75.
- Hatchett, James E.: *See*—
Burfoot, Eric A., Hatchett, and Robinson. 2,830,931.
- Hatchette, Andrew H., Sr. Hook and eye fastener. 2,825,594, 3-4-58, Cl. 292-95.
- Hatfield, Doran O.: *See*—
Selbach, Lawrence G., Bodine, Wentz, and Hatfield. 2,847,593.
- Hatfield, Robert L.: *See*—
Osterman, Philip C., and Hatfield. 2,827,864.
- Hathaway, Augustus J. III, to National Lead Co. Process for fusion of high-melting metals. 2,824,794, 2-25-58, Cl. 75-84.
- Hathaway, John D. Convertible carrying box for vehicle beds. 2,836,455, 5-27-58, Cl. 296-10.
- Hathaway, Stanley. Water sprinkling device. 2,865,673, 12-23-58, Cl. 299-65.
- Hatkin, Leonard, to the United States of America as represented by the Secretary of the Army. Conical scanning system. 2,825,059, 2-25-58, Cl. 343-756.
- Hatfield, Elbert L., to Continental Oil Co. Method of preparing non-ionic emulsifiers. 2,836,626, 5-27-58, Cl. 260-611.
- Hatsopoulos, George N.: *See*—
Kaye, Joseph, and Hatsopoulos. 2,856,160.
- Hatton, Harold L.: *See*—
Toothill, Frederick W., Jr., Stieber, and Hatton. 2,865,878.
- Hatton, Harold L., J. A. Stieber, and F. W. Toothill, Jr., to Rohm & Haas Co. Coating compositions comprising aqueous dispersions of polymer salts and alkylphenolethylene oxide condensates and articles coated therewith. 2,865,877, 12-23-58, Cl. 260-29.6.
- Hatzi, Joseph M., deceased; S. Hatzi, administratrix. Ship drive mechanism. 2,827,871, 3-25-58, Cl. 115-24.
- Hatzi, Sophie: *See*—
Hatzi, Joseph M. 2,827,871.
- Haubursin, Richard, to General Motors Corp. Storage batteries. 2,856,448, 10-14-58, Cl. 136-33.
- Hauch, Albert F.: *See*—
Gaylord, William M., Jr., Raub, and Hauch. 2,858,768.
- Hauch, Albert F., and S. H. S. Raub, to Union Carbide Corp. Separable casing fitting for carbon pipe. 2,863,677, 12-9-58, Cl. 285-45.
- Hauck, Aloysius J., A. Kusko, and W. J. Luy, to Hevi Duty Electric Co. Automatic constant current regulator employing a saturable transformer. 2,825,865, 3-4-58, Cl. 323-6.
- Hauck Mfg. Co.: *See*—
Klose, Sigmund, and A. J. Turpin. 2,862,546.
Parker, Melvin J., and Turpin. 2,820,447.
Schumann, Alfred F. 2,863,500.
- Hauck, Theodore, to General Bronze Corp. Scuppers. 2,827,674, 3-25-58, Cl. 20-70.
- Hauck, Theodore, to General Bronze Corp. Awning window operator. 2,833,537, 5-6-58, Cl. 268-104.
- Hauck, William E., and H. W. Layne, to Inland Container Corp. Fibreboard container. 2,845,211, 7-29-58, Cl. 229-34.
- Hauck, William J., Sr.: *See*—
Bollinger, Edward N., and Hauck. 2,849,727.
- Hauefer, Ruth C., to United States of America, Commerce. Asynchronous-to-synchronous conversion device. 2,835,081, 5-20-58, Cl. 250-27.
- Hauf, Theodore F.: *See*—
Kessler David E., and Hauf. 2,844,299.
- Hauffe, Karl, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for increasing the scaling resistance of titanium base metals. 2,842,470, 7-8-58, Cl. 148-63.
- Haug, Chester J., and A. A. Spisak, to The Warner & Swasey Co. Converter infeed and heater. 2,864,122, 12-16-58, Cl. 18-1.
- Haug, Donald H., now by change of name, D. J. Sands. Foldable beach cart. 2,840,142, 6-24-58, Cl. 155-154.
- Haug, Roy L., and C. W. Allen, to International Business Machines Corp. Condenser storage regeneration system. 2,823,369, 2-11-58, Cl. 340-173.
- Haugen, Edmond H., to Iron Fireman Mfg. Co. Hot water heating system. 2,841,337, 7-1-58, Cl. 237-8.
- Haugen, Ole W. Electrolytic process for leaching precious metals. 2,843,538, 7-15-58, Cl. 204-130.
- Haugh, Allen S., and G. M. Fox. Adjustable link assembly for a crane hook. 2,844,404, 7-22-58, Cl. 294-74.
- Haughney, Joseph P., and A. B. Scott, to The Sherwin-Williams Co. Emulsion insulating varnish and method of coating an assembly of electrical conductors. 2,839,434, 6-17-58, Cl. 117-232.
- Haughton, Ernest, to The Lord Mayor, Aldermen and Citizens of Liverpool, England. Load carrying tipping vehicles. 2,845,300, 7-29-58, Cl. 298-17.
- Haugk, George, and K. K. Kennedy, to Bell Telephone Laboratories, Inc. Non-saturating transistor circuits. 2,840,728, 6-24-58, Cl. 307-88.5.
- Hauert, Joseph G., to Freeland Gauge Co. Gauge for rocker arm. 2,835,044, 5-20-58, Cl. 33-181.
- Haunschild, Willard M.: *See*—
Langlois, Gordon E., and Haunschild. 2,843,639.
- Haunz, Charles F., to Pneumafil Corp. Storage battery. 2,828,349, 3-25-58, Cl. 136-16.
- Haupt, Erich: *See*—
Grebe, Conrad. 2,832,463.
- Haupt, Rudolf: *See*—
Leder, Martin, and Haupt. 2,861,506.
- Haupt, Walter H.: *See*—
Frecking, George F., Jr., and Haupt. 2,819,406.
- Haupt, Walter H., to The Keleket X-Ray Corp. X-ray apparatus. 2,819,407, 1-7-58, Cl. 250-66.
- Haupt, Walter H., to The Keleket X-Ray Corp. Double tilt X-ray table. 2,854,302, 9-30-58, Cl. 311-6.
- Haupt, Wilhelm, to Kienzle Apparate G. m. b. H. Computing and indicating mechanism for fluid metering devices. 2,836,361, 5-27-58, Cl. 235-94.
- Haupt, Wilhelm, to Kienzle Apparate G. m. b. H. Variable transmission gearing for use in taximeters. 2,856,787, 10-21-58, Cl. 74-354.
- Haupt, Wilhelm, to Kienzle Apparate G. m. b. H. Taximeters. 2,858,976, 11-4-58, Cl. 235-47.
- Haus, Roy A. Egg puncturers. 2,822,009, 2-4-58, Cl. 146-2.
- Hause, Gilbert K.: *See*—
Kelley, Oliver K., and Hause. 2,828,840.
Kelley, Oliver K., and Hause. 2,832,428.
Kelley, Oliver K., and Hause. 2,832,429.
Kelley, Oliver K., Hause, and Heck. 2,835,357.
Kelley, Oliver K., Hause, and Wrigley. 2,847,978.
- Hause, Gilbert K., to General Motors Corp. Positive parking brake. 2,860,731, 11-18-58, Cl. 188-69.
- Hause, Norman L.: *See*—
Hartmann, Ludwig G., and Hause. 2,829,145.
- Hause, Norman L., to E. I. du Pont de Nemours and Co. Conversion of pyroglutamic acid to glutamic acid. 2,829,159, 4-1-58, Cl. 260-534.
- Hause, Norman L., to E. I. du Pont de Nemours and Co. Preparation of calcium lysinate. 2,833,821, 5-6-58, Cl. 260-534.
- Hausen, Dietrich K., to The Commonwealth Engineering Co. of Ohio. Step-by-step motor for positioning television antennae. 2,851,620, 9-9-58, Cl. 310-49.
- Hauser, Adolph F. Micro-drilling machine. 2,853,903, 9-30-58, Cl. 77-19.
- Häuser, Alfred: *See*—
Barthel, August, and Häuser. 2,866,060.
- Hauser, Charles E., to General Electric Co. Waste disposal apparatus. 2,819,847, 1-14-58, Cl. 241-46.
- Hauser, Charles E., to General Electric Co. Waste disposal apparatus. 2,829,840, 4-8-58, Cl. 241-100.5.
- Hauser, Jon W., to Hawley Products Co. Desk. 2,841,457, 7-1-58, Cl. 312-255.
- Hauser, Paul A. W. Fine grain mill. 2,838,247, 6-10-58, Cl. 241-60.
- Hauser, Ralph I., to United States of America, Navy. Torque-coil form for permanent magnet gyro. 2,861,755, 11-25-58, Cl. 242-118.
- Hauser, Richard: *See*—
Lingal, Harry J., Tremblay, and Hauser. 2,836,684.
- Hauserman, E. F., Co., The: *See*—
Pollock, Gordon J. 2,831,553.
Wagner, Henry A., Golar, and Kusa. 2,842,461.
- Hauserman, Frank B.: *See*—
Dalton, Richard L., and Hauserman. 2,825,659.
- Hausladen, Karl. Package vending device. 2,824,666, 2-25-58, Cl. 221-232.
- Hausler, Walter B.: *See*—
Pierce, George W., Seelbinder, and Hausler. 2,848,174.
- Hausler, William F., 50% to O. L. Cockrell. Game apparatus. 2,843,385, 7-15-58, Cl. 273-58.

- Hansman, Charlotte S. Bathroom toilet table and hamper. 2,863,709, 12-9-58, Cl. 312-321.
- Hausmann, Ernest O.: *See—*
- Caldwell, Lewis E., and Hausmann. 2,839,943.
- Hausmann, George F., to United Aircraft Corp. Thrust modifying device. 2,847,822, 8-19-58, Cl. 60-35.54.
- Hausmann, George F., to United Aircraft Corp. Boundary layer control apparatus for compressors. 2,848,155, 8-19-58, Cl. 230-122.
- Hausmann, George F., to United Aircraft Corp. Ejector-silencer exhaust nozzle. 2,848,867, 8-26-58, Cl. 60-35.6.
- Hausmann, George F., to United Aircraft Corp. By-pass ramjet. 2,850,873, 9-9-58, Cl. 60-35.6.
- Hausmann, George F., to United Aircraft Corp. Variable bleed diffuser. 2,861,419, 11-25-58, Cl. 60-35.6.
- Hausmann, George F., to United Aircraft Corp. Jet exhaust nozzle. 2,863,169, 12-23-58, Cl. 60-35.54.
- Hausner, Henry H., to United States of America, Atomic Energy Commission. Hot pressing with a temperature gradient. 2,855,573, 5-20-58, Cl. 75-226.
- Hausner, Henry H., to United States of America, Atomic Energy Commission. Control rod for a nuclear reactor and method of preparation. 2,866,741, 12-30-58, Cl. 204-193.2.
- Hausner, Johann K. Electroplating. 2,824,830, 2-25-48, Cl. 204-45.
- Hausner, Johann K. Method of electrodepositing chromium. 2,852,447, 9-16-58, Cl. 204-10.
- Hausner, Johann K. Control of cellulose precipitation bath concentrations. 2,852,453, 9-16-58, Cl. 204-131.
- Hausner, Johann K. Electrolytic water purification. 2,852,455, 9-16-58, Cl. 204-151.
- Hausser, O. & M.: *See—*
- Hausser, Rolf. 2,855,722.
- Hausser, Rolf, to O. & M. Hausser. Drive for toy vehicle. 2,855,722, 10-14-58, Cl. 46-208.
- Hausser, Will N. Cattle chute. 2,843,088, 7-15-58, Cl. 119-99.
- Haussermann, Kurt A., to Lamellin-und Kupplungsban August Haussermann. Friction clutch, especially for motor vehicles. 2,835,366, 5-20-58, Cl. 192-68.
- Hausssing, Reinhold, to H. Haussling. Upholstery base for furniture or vehicle seats, mattresses and the like. 2,857,959, 10-23-58, Cl. 155-181.
- Hausten, David R., to Collins Radio Co. Safety interlock circuit. 2,825,050, 2-25-48, Cl. 340-282.
- Hausz, Walter, to General Electric Co. Color television systems employing alternating low-frequency components. 2,825,753, 3-4-58, Cl. 178-5.2.
- Hautau, Charles F.: *See—*
- Hautau, Llewellyn A. and C. F. 2,833,321.
- Hautau, Charles F. Multiple station press. 2,831,423, 4-22-58, Cl. 100-207.
- Hautau, Llewellyn A. and C. F. Two-stage torquing machine for fasteners. 2,833,321, 5-6-58, Cl. 144-32.
- Hautau, Robert A. Intermittent motion mechanism. 2,858,719, 11-4-58, Cl. 78-84.
- Hautzenroeder, Richard W., to Massey-Harris-Ferguson Inc. Clutch mechanism. 2,822,071, 2-4-58, Cl. 192-48.
- Haux, Elmer H., to Pittsburgh Plate Glass Co. Mixtures of hydroxy phenones and esters of salicylic acid in resins as inhibitors of discoloration by light. 2,824,080, 2-18-58, Cl. 260-45.4.
- Haver Industries, Inc.: *See—*
- Ward, John M. 2,835,107.
- Haven, Alfred C., Jr., to E. I. du Pont de Nemours and Co. Cyclopentadienyl (vinylcyclopentadienyl) iron and polymer thereof. 2,821,512, 1-28-58, Cl. 260-2.1.
- Haven, Alfred C., Jr., to E. I. du Pont de Nemours and Co. Organic phosphorus containing isocyanates and polymers. 2,835,652, 5-20-58, Cl. 260-47.
- Haven, William A., to Kaiser Steel Corp. Cooling device. 2,822,078, 2-4-58, Cl. 198-209.
- Havens, Byron L.: *See—*
- Bland, George P., Schreiner, and Havens. 2,854,192.
- Deerhake, William J., Borders, and Havens. 2,826,359.
- Tobin, Bernard M., Kormanski, and Havens. 2,851,660.
- Havens, Byron L., to International Business Machines Corp. Electronic switch. 2,848,775, 8-5-58, Cl. 250-27.
- Havens, Byron L., and J. J. Lentz, to the United States of America as represented by the Secretary of War. Bomb release computing system. 2,823,586, 2-18-58, Cl. 89-1.5.
- Havens, Byron L., and M. G. Smith, to International Business Machines Corp. Super high frequency dividers. 2,845,538, 7-29-58, Cl. 250-36.
- Havens, Carl B.: *See—*
- Clark, Gerald A., and Havens. 2,852,488.
- Clark, Gerald A., Havens, and Brookens. 2,858,293.
- Havens, Carl B., to The Dow Chemical Co. Thermoplastic compositions having improved light stability. 2,823,196, 2-11-58, Cl. 260-45.95.
- Havens, Carl B., to The Dow Chemical Co. Chloroethylene polymer stabilized with mono and dihalophosphoric acid salts. 2,846,412, 8-5-58, Cl. 260-45.75.
- Havens, Carl B., to The Dow Chemical Co. Bis(p-salicyloyl-phenyl)ethylene dicarbamate and chloroethylene polymer containing same. 2,853,466, 9-23-58, Cl. 260-45.85.
- Havens, Charles R., and G. A. Magrath, to Hat Corp. of America. Two-tone hat and method of making same. 2,844,823, 7-29-58, Cl. 2-194.
- Havens, Eugene V., and E. H. Johnson, to The Bullard Co. Loading mechanism. 2,848,269, 8-19-58, Cl. 204-189.
- Haverberg, Loren R. Wheel washer. 2,827,759, 6-10-58, Cl. 15-302.
- Haverlender, Karl, to Hannoversche Maschinenbau-Aktiengesellschaft vormals Georg Eggestorff (Hanomag). Speed-change gear unit for motor-vehicles, especially tractors. 2,823,552, 2-18-58, Cl. 71-15.66.
- Haverstick, Merral P., to National Rejectors, Inc. Coin separators. 2,822,075, 2-4-58, Cl. 194-101.
- Haverstick, Merral P., to National Rejectors, Inc. Coin separators. 2,827,996, 3-25-58, Cl. 191-99.
- Haviland, Girard S., to The Jacobs Mfg. Co. Resilient spacer construction for plate assembly. 2,855,206, 10-7-58, Cl. 279-1.
- Haviland, Horace N. Double drum beating apparatus. 2,845,830, 8-5-58, Cl. 84-422.
- Haviland, Robert P., to General Electric Co. Orientation control for a space vehicle. 2,856,142, 10-14-58, Cl. 244-93.
- Havill, Clinton H.: *See—*
- Stern, Robert G., Dawson, and Havill. 2,824,888.
- Havill, Katherine K.: *See—*
- Stern, Robert G., Dawson, and Havill. 2,824,888.
- Havins, Felton H. Boat trailer. 2,830,718, 4-15-58, Cl. 214-34.
- Havlicek, Vitezslav, and J. Starch, to Krizik-Karlin, vyvojovy zavod, narodni podnik. Appliance for the measurement of the electric resistance of insulating filaments more particularly for measuring the electric specific surface resistance of glass filaments. 2,862,181, 11-25-58, Cl. 324-65.
- Hawaiian Development Co., Ltd.: *See—*
- Burr, George O. 2,858,449.
- Knapp, Samuel B., and Wethern. 2,854,334.
- Miller, Allyn C., and Fishman. 2,837,435.
- Norum, Edward M., Jr. 2,832,202.
- Hawaiian Pineapple Co., Ltd.: *See—*
- McPaull, Malcolm Jr. 2,856,097.
- Hawes, Alan B. Motor-powered saw. 2,830,815, 4-15-58, Cl. 272-51.
- Hawie, Gabriel S., to The Hawie Mfg. Co. Clip. 2,837,806, 6-10-58, Cl. 24-250.
- Hawie Mfg. Co. The: *See—*
- Hawie, Gabriel S. 2,837,806.
- Hawk, Dale W., to Allis-Chalmers Mfg. Co. Universal hitch construction. 2,837,349, 6-3-58, Cl. 280-492.
- Hawk, Elwin A., Jr.: *See—*
- Hawk, Elwin A., Sr., and E. A. Hawk, Jr. 2,826,464.
- Hawk, Elwin A., Sr., and E. A. Hawk, Jr. Shock proof anti-friction bearing. 2,826,464, 3-11-58, Cl. 308-184.
- Hawke, William. Clamping glands for armoured electric cable. 2,858,358, 10-28-58, Cl. 174-89.
- Hawker, Harold G.: *See—*
- O'Brien, William J., and Hawker. 2,844,816.
- Hawkes, Arthur S., to Ethyl Corp. Process for production of refractory metals. 2,850,379, 9-2-58, Cl. 75-84.1.
- Hawkes, John S.: *See—*
- Venning, Charles F. D., and Hawkes. 2,851,590.
- Hawkes, Thomas R.: *See—*
- Gray, Landon R., and Hawkes. 2,835,947.
- Hawkins, Dean. Tightener for folding wheel chair. 2,818,910, 1-7-58, Cl. 155-30.
- Hawkins, Edward M. Grubber. 2,854,213, 9-30-58, Cl. 254-132.
- Hawkins, Eugene S. Combined car and jumper seat for infants. 2,852,060, 9-16-58, Cl. 155-20.
- Hawkins, Havilah S. Articulated toy set of building blocks. 2,825,178, 3-4-58, Cl. 46-26.
- Hawkins, Jack S.: *See—*
- Steward, Lewis B., and Hawkins. 2,843,701.
- Hawkins, James E., to Seismograph Service Corp. Radio location system. 2,843,846, 7-15-58, Cl. 343-105.
- Hawkins, James E., to Seismograph Service Corp. Radio location system. 2,856,601, 10-14-58, Cl. 343-105.
- Hawkins, James E., to Seismograph Service Corp. Seismic reproducing and recording device. 2,858,523, 10-28-58, Cl. 340-15.
- Hawkins, James E., and E. J. Crossland, to Seismograph Service Corp. Radio location system. 2,820,962, 1-21-58, Cl. 343-105.
- Hawkins, James E., and E. J. Crossland, to Seismograph Service Corp. Radio location system. 2,851,682, 9-9-58, Cl. 343-105.
- Hawkins, John C., to National Research Development Corp. Devices for separating haulm, weeds and like matter from root crops. 2,846,069, 8-5-58, Cl. 209-235.
- Hawkins, John C., to National Research Development Corp. Devices for use in the conveyance of root crops. 2,853,190, 9-23-58, Cl. 209-124.
- Hawkins, John J., and F. D. Miller, to National Petrochemicals Corp. Processing of alcohols. 2,865,818, 12-23-58, Cl. 202-39.5.
- Hawkins, Wallace G., to C. & J. Clark, Ltd. Machine for forming thermoplastic impregnated fibrous blanks. 2,847,706, 8-19-58, Cl. 18-19.
- Hawkins, Wallace H. Closure plugs. 2,849,895, 9-2-58, Cl. 74-606.
- Hawkinson, Alfred T., H. G. Hall, and J. H. Young, to E. I. du Pont de Nemours and Co. Process for bleaching webs of fibrous cellulose material with hydrogen peroxide vapor containing water vapor. 2,859,087, 11-4-58, Cl. 8-104.
- Hawkinson, Donald E.: *See—*
- Jannenga, Joel A., and Hawkinson. 2,820,376.
- Hawkinson Earle W.: *See—*
- Lett, Geoffrey B. 2,840,857.

- Hawkinson, Earle W., to Paul E. Hawkinson Co. Mold for retreading tractor tires. 2,830,321, 4-15-58, Cl. 18-18.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Tire retreading mold. 2,836,854, 6-3-58, Cl. 18-44.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Tire retreading mold. 2,836,855, 6-3-58, Cl. 18-44.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Attachment for tire spreaders. 2,850,263, 9-2-58, Cl. 254-50.3.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Automatic buffing machine. 2,864,445, 12-16-58, Cl. 164-10.2.
- Hawkinson, Harold G. Building construction. 2,856,039, 10-14-58, Cl. 189-34.
- Hawkinson, Paul E., deceased, by F. W. Gaasedelen, administrator, to Paul E. Hawkinson Co. Pneumatic tire casing. 2,860,682, 11-18-58, Cl. 152-35.4.
- Hawkinson, Paul E., Co.: See—
- Hawkinson, Earle W. 2,830,321.
- Hawkinson, Earle W. 2,836,854.
- Hawkinson, Earle W. 2,836,855.
- Hawkinson, Earle W. 2,850,263.
- Hawkinson, Earle W. 2,864,445.
- Hawkinson, Paul E. 2,860,682.
- Hawks, Orris D., to Eastman Kodak Co. Conversion of retinene-phenolic material complexes to vitamin A. 2,839,585, 6-17-58, Cl. 260-617.
- Hawks, Orris D., to Eastman Kodak Co. Two step conversion of tocopherol compositions. 2,843,604, 7-15-58, Cl. 260-345.5.
- Hawley, Don M., and J. C. Williams, to Hawley Products Co. Felted products containing glass filaments. 2,859,109, 11-1-58, Cl. 92-3.
- Hawley, Jesse G., to The Goodyear Tire & Rubber Co. Compound pressure cylinder for brakes. 2,826,277, 3-11-58, Cl. 188-152.
- Hawley, Jesse G., to The Goodyear Tire & Rubber Co. Automatic brake adjuster for brake lining wear. 2,830,680, 4-15-58, Cl. 188-72.
- Hawley, Jesse G., to The Goodyear Tire & Rubber Co. Compound pressure brake with automatic control. 2,850,120, 9-2-58, Cl. 188-151.
- Hawley Products Co.: See—
- Hauser, Jon W. 2,841,457.
- Hawley, Don M., and Williams. 2,859,109.
- Williams, John C. 2,824,348.
- Hawley, Roger S.: See—
- Leary, Robert F., Bowman, and Hawley. 2,860,112.
- Haworth, John R.: See—
- Mackiw, Vladimir N., Kunda, and Haworth. 2,853,398.
- Mackiw, Vladimir N., Kunda, and Haworth. 2,853,401.
- Mackiw, Vladimir N., Kunda, and Haworth. 2,853,403.
- Haworth, Joseph P.: See—
- Duncan, Gordon W., Lifson, and Haworth. 2,840,461.
- Haworth, Lionel, P. B. Smith, C. Blea, and S. E. Slattery, to Rolls-Royce Ltd. Torque-responsive arrangements. 2,825,247, 3-4-58, Cl. 74-801.
- Haworth, Lionel, and R. M. Heathcote, to Rolls-Royce Ltd. Turbines. 2,862,357, 12-2-58, Cl. 60-39.25.
- Haws Drinking Faucet Co.: See—
- Traylor, John E. 2,841,799.
- Haws, Ernest R., to Robert Haws Co. Foldable partition. 2,827,957, 3-25-58, Cl. 160-199.
- Haws Robert, Co.: See—
- Haws, Ernest R. 2,827,957.
- Hawthorne, Evelyn J. Hair waving device. 2,862,507, 12-2-58, Cl. 132-7.
- Hawthorne, Herbert J. Removable blade drag bits. 2,831,657, 4-22-58, Cl. 255-61.
- Hawthorne, Herbert J., $\frac{1}{4}$ to E. M. Weaver. Detachable blade bit. 2,859,942, 11-11-58, Cl. 255-61.
- Hawthorne, Herbert J., and E. M. Weaver. Quick change coiling. 2,858,958, 11-4-58, Cl. 220-40.
- Hawthorne, Lowell H., to Revere Copper and Brass Inc. Butt welding metal strips having inflatable slits. 2,849,592, 8-26-58, Cl. 219-137.
- Hawthorne, Nathaniel F., to Friden, Inc. Carriage shift controlling mechanism. 2,852,192, 9-16-58, Cl. 235-63.
- Hawthorne, Nathaniel F., and N. H. Bergfelt, to Friden, Inc. Calculating machine. 2,847,160, 8-12-58, Cl. 235-63.
- Hawtin, Philip R., and H. E. B. Young, to British Celanese Ltd. Process for extruding films. 2,819,493, 1-14-58, Cl. 18-55.
- Hazo, Henry E. Jr., and G. S. Mills, to United States Rubber Co. Method for the incorporation of lignin into synthetic rubber. 2,844,548, 7-22-58, Cl. 260-17.5.
- Haxton, Andrew. Speed reduction device. 2,819,622, 1-14-58, Cl. 74-353.
- Hay, Alden W., to Celanese Corp. of America. Pigmented yarn. 2,839,420, 6-17-58, Cl. 106-193.
- Hay, David W. G.: See—
- Pfisterer, Heinz A., and Hay. 2,833,731.
- Hay, John O., to The Harshaw Chemical Co. Mercury-containing cadmium pigment production process. 2,850,401, 9-2-58, Cl. 106-301.
- Hay, Lois V.: See—
- Hay, Robert G. 2,844,550.
- Hay, Robert G., deceased, by L. V. Hay, administratrix, to Lockheed Aircraft Corp. Polymethyl siloxane heat resistant ink. 2,844,550, 7-22-58, Cl. 260-18.
- Hay, Robert J., to The Firestone Tire & Rubber Co. Quaternary ammonium hydroxides in foam rubber. 2,822,338, 2-4-58, Cl. 260-2.5.
- Hay, Russell G., to Gulf Research & Development Co. Aromatization process and catalyst therefor. 2,857,442, 10-21-58, Cl. 260-673.5.
- Hay, Wayne W., to Air Reduction Co., Inc. Carbon dioxide absorber for anesthetic administering apparatus. 2,837,413, 6-3-58, Cl. 23-252.
- Hay, Wayne W., to Air Reduction Co., Inc. Anesthetic administering apparatus. 2,841,142, 7-1-58, Cl. 128-188.
- Hay, Wayne W., to Air Reduction Co., Inc. Carbon dioxide absorber. 2,848,309, 8-19-58, Cl. 23-284.
- Hay, Wayne W., to Air Reduction Co., Inc. Anesthetic vaporizer and administering apparatus. 2,864,363, 12-16-58, Cl. 128-203.
- Hayden, Albert P., to United States Steel Corp. Method of tensioning guys. 2,861,332, 11-25-58, Cl. 29-452.
- Hayden, Carl F., Hayden and Co. Coke quenching. 2,837,470, 6-3-58, Cl. 202-227.
- Hayden and Co.: See—
- Hayden, Carl F. 2,837,470.
- Hayden, Harold J., to Boeing Airplane Co. Jet engine exhaust deflector. 2,826,382, 3-11-58, Cl. 244-114.
- Hayden-Nilos Ltd.: See—
- Potter, John J. 2,864,085.
- Potter, John J. 2,866,200.
- Hayden, Ray A.: See—
- Morgan, Erving B. and Hayden. 2,828,809.
- Hayden, Ray A., and B. J. Tinning, to American Seating Co. Combination holder for pencils, envelopes, and cups or the like. 2,845,184, 7-29-58, Cl. 211-87.
- Hayden, Robert L. J., and L. J. Culver, to Foster Wheeler Corp. Apparatus for the control of vapor temperature. 2,855,756, 10-14-58, Cl. 60-102.
- Hayden, Wesley. Seam for joining ends of stainless steel wire cloth. 2,851,233, 9-9-58, Cl. 245-10.
- Haydon, Arthur W., to Consolidated Electronics Industries Corp. Electric rotating machinery. 2,847,589, 8-12-58, Cl. 310-40.
- Haydon, Arthur W., and W. D. Donovan, to Consolidated Electronics Industries Corp. Resettable drive mechanism for potentiometer or the like. 2,863,281, 12-9-58, Cl. 60-7.
- Haydon Switch Inc.: See—
- Korsgren, Theodore Y., Jr. 2,938,629.
- Korsgren, Theodore Y., Sr. 2,842,644.
- Korsgren, Theodore Y., Sr., and Stelma. 2,837,926.
- Haydu, Bartley A. Drawer stop. 2,826,474, 3-11-58, Cl. 312-348.
- Haydu, Zoltan, and A. E. Sutton, to Burroughs Corp. Jig fixture. 2,836,879, 6-3-58, Cl. 29-25.19.
- Hayes, Brice E. Shock-absorbing bumping post attachment. 2,860,582, 11-18-58, Cl. 104-254.
- Hayes, C. I., Inc.: See—
- Gilbert, Wesley R. 2,839,284.
- Gilbert, Wesley R. 2,855,193.
- Hayes, Charles F.: See—
- Shutts, Leroy W., and Hayes. 2,839,894.
- Hayes, Charles T. Electromagnetic torque transmitting apparatus. 2,827,581, 3-18-58, Cl. 310-105.
- Hayes, Claude W., to W. H. Allen, Sons & Co. Ltd. Securing of blading to turbine wheels and other high speed rotary members. 2,835,471, 5-20-58, Cl. 253-77.
- Hayes, David A. Mower carried sharpener for horizontally rotating blades. 2,826,032, 3-11-58, Cl. 56-255.
- Hayes, Donald W., to The Goodyear Tire & Rubber Co. Agglomerates and methods for making. 2,844,564, 7-22-58, Cl. 260-45.95.
- Hayes, Donald W., to The Goodyear Tire & Rubber Co. Agglomerates and methods for making. 2,844,565, 7-22-58, Cl. 260-45.95.
- Hayes, Frank A.: See—
- Crockford, Jack A., Hayes, Jenkins, and Feurt. 2,854,925.
- Hayes, Frank A., to The Singer Mfg. Co. Dynamoelectric machines. 2,860,267, 11-11-58, Cl. 310-266.
- Hayes, Harry T., to Gilfillan Bros. Inc. Formation and use of a video train including echo signals, amplitude modulated range marks, and cursor pulses, all bracketed by time-spaced control pulses. 2,853,703, 9-23-58, Cl. 343-11.
- Hayes, John D.: See—
- Hudson, Lena M., and Hayes. 2,818,777.
- Hayes, John D., and L. M. Hudson, to Bausche & Lomb Optical Co. Objective lens. 2,818,776, 1-7-58, Cl. 88-57.
- Hayes, John R., to General Motors Corp. Turbine bucket with cast-in insert. 2,836,391, 5-27-58, Cl. 253-39.15.
- Hayes, John R., to General Motors Corp. Multi-piece hollow turbine bucket. 2,848,192, 8-19-58, Cl. 253-39.15.
- Hayes, Kenyon J., to The Norwich Pharmacal Co. New series of N-(5-nitro-2-furfurylidene)-3-amino-2-thioxazolidones. 2,830,046, 4-8-58, Cl. 260-240.
- Hayes, Kenyon J., to The Norwich Pharmacal Co. Process of preparing N-(5-nitro-2-furfurylidene)-3-amino-5-methyl-2-thioxazolidone and new chemical compounds employed in the practice of such process. 2,830,047, 4-8-58, Cl. 260-240.
- Hayes, Lawrence W. Floating pipe driving head. 2,829,503, 4-8-58, Cl. 61-77.
- Hayes, Mary B., to American Viscose Corp. Process of producing all skin rayon. 2,841,463, 7-1-58, Cl. 18-54.
- Hayes, Melberne L., to National Video Corp. Conveyor hanger for television picture tubes and like articles. 2,819,924, 1-14-58, Cl. 294-78.
- Hayes, Miles B. Fuel and air temperature control system. 2,835,333, 5-20-58, Cl. 180-54.

- Hayes, Monson H., and J. L. West, to Link Aviation, Inc. Reversible counter. 2,833,476, 5-6-58, Cl. 235-92.
- Hayes, Paul R. Lockable safety pin. 2,829,413, 4-8-58, Cl. 24-157.
- Hayes, Robert A., to The Firestone Tire & Rubber Co. Production of linear maleic polyesters. 2,822,350, 2-4-58, Cl. 260-78.4.
- Hayes, Robert A., to Union Special Machine Co. Zigzag sewing machines. 2,851,974, 9-16-58, Cl. 112-158.
- Hayes, Robert A., and F. A. Bozzacco, to The Firestone Tire & Rubber Co. Oriented filaments of graft copolymer of polyacrylate polymerized on vinylidene chloride resin. 2,849,419, 8-26-58, Cl. 260-45.5.
- Hayes, Robert M., and A. M. Nelson, to The Magnavox Co. Card processing apparatus. 2,842,362, 7-8-58, Cl. 271-3.
- Hayes, Stanley W., to Hayes Track Appliance Co. Operating stand. 2,819,857, 1-14-58, Cl. 246-411.
- Hayes, Stanley W., to Hayes Track Appliance Co. Metal working apparatus. 2,820,420, 1-21-58, Cl. 104-196.
- Hayes, Stanley W., to Hayes Track Appliance Co. Derail. 2,829,246, 4-1-58, Cl. 246-163.
- Hayes, Stanley W., to Hayes Track Appliance Co. Wheel retainer with screw actuated clamps. 2,835,207, 5-20-58, Cl. 104-258.
- Hayes Track Appliance Co.: *See*—
- Hayes, Stanley W. 2,819,857.
- Hayes, Stanley W. 2,820,420.
- Hayes, Stanley W. 2,829,246.
- Hayes, Stanley W. 2,835,207.
- Hayford, Richard E., to The Haloid Co. Xerographic apparatus with endless development electrode. 2,843,084, 7-15-58, Cl. 118-637.
- Hayford, Richard E., to Haloid Xerox Inc. Belt development electrode. 2,844,123, 7-22-58, Cl. 118-637.
- Hayford, Richard E., to Haloid Xerox Inc. Process for developing electrostatic images and apparatus therefor. 2,859,129, 11-4-58, Cl. 117-17.5.
- Hayford, Richard E., C. B. Kaiser, and H. E. Crumrine, to Haloid Xerox Inc. Powder particle aerosol generator. 2,862,646, 12-2-58, Cl. 222-193.
- Hayhurst, Lewis J., and F. O. Coffey, to National Dairy Products Corp. Wrapper cutting apparatus. 2,835,326, 5-20-58, Cl. 164-84.5.
- Hayman, Richard L., to Haskel Engineering Associates. Sealing structure. 2,844,421, 7-22-58, Cl. 309-23.
- Hayne, William G. Explosion demonstration apparatus. 2,829,445, 4-8-58, Cl. 35-10.
- Hayner, Paul F., to Sanders Associates, Inc. Gyroscope. 2,839,930, 6-24-58, Cl. 74-5.
- Hayner, Paul F., to Sanders Associates, Inc. Gyroscope. 2,839,932, 6-24-58, Cl. 74-5.5.
- Hayner, Paul F., and G. J. Shomphe, to Sanders Associates, Inc. Gyroscope. 2,841,016, 7-1-58, Cl. 74-5.6.
- Haynes, Clyde H., to Gregory Industries, Inc. Welding device. 2,821,618, 1-28-58, Cl. 219-98.
- Haynes, George P., to Todd Shipyards Corp. Safety shut-off for fuel burners. 2,822,035, 2-4-58, Cl. 158-73.
- Haynes, Gerard M. Transparent fishing float. 2,827,731, 3-25-58, Cl. 43-43.14.
- Haynes, John, to T. M. M. (Research) Ltd. End tuft support for pile shearing mechanism. 2,824,580, 2-24-58, Cl. 139-2.
- Haynes, John W. Core block door construction. 2,822,870, 2-11-58, Cl. 160-380.
- Haynes, Lester N. Tractor mounted mower. 2,828,599, 4-1-58, Cl. 56-25.4.
- Haynes, Martin C., and A. M. Glenn. Ruffle and puff sleeve iron. 2,826,668, 3-11-58, Cl. 219-21.
- Haynes, Munro K., to International Business Machines Corp. Multidimensional high speed magnetic element memory matrix. 2,849,705, 8-26-58, Cl. 340-174.
- Haynes, Raymond E. Hiller blades for farm cultivators. 2,849,940, 9-2-58, Cl. 97-204.
- Haynes, Stanley: *See*—
- Prince, Joseph E., and Haynes. 2,839,103.
- Haynes, William R. Filler pipe with sound signal. 2,831,452, 4-22-58, Cl. 116-112.
- Hays, David. Washing machine. 2,821,840, 2-4-58, Cl. 60-54.5.
- Hays, Donald F., to General Motors Corp. Classifying apparatus. 2,860,776, 11-18-58, Cl. 209-12.
- Hays, Emil A. Mail box signal. 2,853,230, 9-23-58, Cl. 232-35.
- Hays, Harry H. Electrical testing device. 2,832,930, 4-29-58, Cl. 324-53.
- Hays Mfg. Co.: *See*—
- Lodge, Alvin. 2,853,264.
- Hays, Stephen A.: *See*—
- Llewellyn, Clay H., Jr., Welsh, and Hays. 2,832,676.
- Hayslett, Lamar E., to The Rudolph Wurlitzer Co. Pallet valves. 2,831,649, 4-22-58, Cl. 251-86.
- Hayslett, Lamar E., to The Rudolph Wurlitzer Co. Organ key. 2,832,251, 4-29-58, Cl. 84-433.
- Hayter, Archie F. Cleaning machine. 2,849,746, 9-2-58, Cl. 15-311.
- Hayter, Douglas R., to Pullman Spring-Filled Co. Ltd. and Hayters Ltd. Apparatus for cutting and treating grass. 2,849,851, 9-2-58, Cl. 56-157.
- Haythornwhite, Harry W.: *See*—
- Gilbert, Alfred D., and Haythornwhite. 2,835,325.
- Hayward, Claude E., E. S. Gorton, and J. W. Girvin, to Bemis Bro. Bag Co. Bag. 2,864,549, 12-16-58, Cl. 229-57.
- Hayward, George E., and G. K. Luggar, to Courtaulds Ltd. Apparatus for processing filamentary tows. 2,822,582, 2-11-58, Cl. 19-65.
- Hayward, Henry M. Means for applying printing to plastic. 2,818,799, 1-7-58, Cl. 101-37.
- Haywood, George L., to Norton Co. Coated abrasives. 2,838,891, 6-17-58, Cl. 51-145.
- Hazard, Charles S., to Neptune Meter Co. Reversible variable ratio drive mechanism. 2,828,648, 4-1-58, Cl. 74-640.
- Hazard, Frederick E. Refrigerator using solid carbon dioxide. 2,840,995, 7-1-58, Cl. 62-167.
- Haze, Richard: *See*—
- Garnier, Jacques, and Haze. 2,857,772.
- Hazelroth, Kenneth M. Rear view mirror. 2,862,420, 12-2-58, Cl. 88-98.
- Hazeltine, James E., Jr., to Armstrong Cork Co. Method of making coated floor coverings. 2,861,007, 11-18-58, Cl. 117-15.
- Hazeltine Research, Inc.: *See*—
- Altshul, Ernst R. 2,848,628.
- Anderson, Dean B. 2,857,574.
- Arkus, Henry, and Gerold. 2,832,073.
- Bailey, William F. 2,819,333.
- Bailey, William F., and Burr. 2,845,480.
- Biggs, Albert J. 2,841,644.
- Biggs, Albert J. 2,861,209.
- Burr, Robert P. 2,841,641.
- Burr, Robert P. 2,848,533.
- Curtis, Richard C. 2,862,054.
- Dow, Jennings R. 2,844,758.
- Dudley, Michael D. 2,825,837.
- Espenlaub, Walter C. 2,853,548.
- Farber, Richard J. 2,853,602.
- Frink, Frederick W. 2,837,638.
- Galton, Eugene B. 2,857,526.
- Hallden, Frederick C. 2,841,700.
- Heacock, William J., Jr. 2,826,735.
- Heacock, William J., Jr. 2,839,618.
- Herring, Frederick G. 2,844,795.
- Hirsch, Charles J. 2,827,564.
- Kleespies, John P. 2,855,571.
- Kushner, David S. 2,829,250.
- Loughlin, Bernard D. 2,833,851.
- Loughlin, Bernard D. 2,851,517.
- Loughlin, Bernard D. 2,856,454.
- Loughlin, Bernard D. 2,864,951.
- Loughren, Arthur V. 2,855,457.
- Marley, John. 2,831,997.
- Mellwain, Knox. 2,841,782.
- Richman, Donald. 2,824,227.
- Richman, Donald. 2,841,642.
- Richman, Donald. 2,842,613.
- Richman, Donald. 2,848,537.
- Richman, Donald. 2,857,457.
- Richman, Donald. 2,862,050.
- Schwab, Carl E. 2,857,593.
- Wilhelmsen, Carl R. 2,833,870.
- Wilson, Rex, and Van Jepmond. 2,862,143.
- Hazelton, Merrill W.: *See*—
- Koenig, Henry F., III, and Hazelton. 2,856,044.
- Hazen, Edward J.: *See*—
- Devins, James E., and Hazen. 2,820,364.
- Hazen, Edward J., and E. Weiss, to Bendix Aviation Corp. Precision mechanical control. 2,855,888, 10-14-58, Cl. 116-129.
- Hazen, Frank D. Industrial heating furnaces. 2,841,383, 7-1-58, Cl. 263-20.
- Hazle, John B., to Interlake Iron Corp. Method and apparatus for charging a blast furnace. 2,822,936, 2-11-58, Cl. 214-19.
- Hazlett, Clifford, and G. Engman, to Engman Mfg. Co. Moisture and dust separator for air pressure lines. 2,866,519, 12-30-58, Cl. 183-68.
- Hazzard, Brian J.: *See*—
- Scott, Alan D., and Hazzard. 2,846,400.
- Hazzard, Elmer W., and J. K. McLeod. Tooth mounting on blade of earth moving implement. 2,840,934, 7-1-58, Cl. 37-145.
- Hazzard, George P. Power cutter. 2,861,340, 11-25-58, Cl. 30-964.
- Heacock, Ward J., to Link-Belt Co. Self-clearing feeder. 2,850,145, 9-2-58, Cl. 198-57.
- Heacock, Ward J., to Link-Belt Co. Bin level indicator. 2,854,752, 10-7-58, Cl. 33-126.6.
- Heacock, William J., Jr., to Hazeltine Research Inc. Voltage-regulator circuit. 2,826,735, 3-11-58, Cl. 323-22.
- Heacock, William J., Jr., to Hazeltine Research Inc. High input impedance signal-monitoring apparatus. 2,839,618, 6-17-58, Cl. 179-171.
- Head, Robert P. Vacuum web holder for looms. 2,842,164, 7-8-58, Cl. 139-170.3.
- Head, William J.: *See*—
- Jackson, Julian H., Mayeux, and Head. 2,821,500.
- Heald, Dain W. Self locking pliers. 2,838,972, 6-17-58, Cl. 81-339.
- Heald, Earl T.: *See*—
- Doelz, Melvin L., and Heald. 2,825,808.

- Heald Machine Co.: *See*—
 Menard, Clifford G. 2,826,876.
 Quimby, Ralph A. 2,818,687.
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 Townsend, Almon F. 2,850,847.
- Heald, Robert F., to Colgate-Palmolive Co. Treating particulate materials. 2,825,190, 3-4-58, Cl. 53-21.
- Health-Mor, Inc.: *See*—
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 Martinec, Eugene F. 2,818,596.
- Healy, Donald V. Electro-hydraulic servo valve. 2,823,689, 2-18-58, Cl. 137-82.
- Healy, Donald V., to Bendix Aviation Corp. Damped electro-hydraulic servo valve. 2,827,067, 3-18-58, Cl. 137-82.
- Healy, Elliott L., to Ionic Electrostatic Corp. Piston rod control mechanism. 2,851,014, 9-9-58, Cl. 121-148.
- Healy, Elton F. Furniture leg. 2,859,804, 11-11-58, Cl. 155-191.
- Healy, Francis P., to Van Norman Industries, Inc. Hydraulic work-supporting clamp assembly. 2,851,831, 9-16-58, Cl. 51-217.
- Healy, John J., Jr., and C. P. Dyer, to Monsanto Chemical Co. Manufacture of melamine. 2,819,265, 1-7-58, Cl. 260-249.7.
- Healy, John J., Jr., and C. P. Dyer, to Monsanto Chemical Co. Manufacture of melamine. 2,819,266, 1-7-58, Cl. 260-249.7.
- Healy, Joseph F.: *See*—
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- Healy, Thomas V., to United States of America, Atomic Energy Commission. Reduction of acidity of nitric acid solutions by use of formaldehyde. 2,835,555, 5-20-58, Cl. 23-102.
- Heard, Maurice E., to West Point Mfg. Co. Shuttle. 2,824,581, 2-25-58, Cl. 139-196.
- Heard, Theibert C. Automatic condensate return trap and steam system. 2,818,819, 1-7-58, Cl. 103-248.
- Hearell, Fred E. Combination shelters. 2,863,467, 12-9-58, Cl. 135-20.
- Hearn, Francis J., and W. Shirley, to D. Napier & Son Ltd. Gas producing apparatus especially for rocket type propulsion devices. 2,852,916, 9-23-58, Cl. 60-39.48.
- Hearn, Walter L.: *See*—
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- Hearne, George W.: *See*—
 Furman, Kenneth E., Finch, and Hearne. 2,860,146.
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 Winkler, De Loss E., Hearne, and Vaughan. 2,862,973.
- Hearon, William M., H. B. Lackey, and J. B. Martin, to Crown Zellerbach Corp. Modified sulfate waste liquor and process for its preparation. 2,822,358, 2-4-58, Cl. 260-124.
- Hecht, Herbert L., to Otis Elevator Co. Control for an elevator closure. 2,858,904, 11-4-58, Cl. 187-29.
- Heartz, Robert A., to Minneapolis-Honeywell Regulator Co. Magnetic product modulator. 2,832,052, 4-22-58, Cl. 332-51.
- Heat and Control, Inc.: *See*—
 Benson, Clark K., Harris, and Caridis. 2,833,203.
- Heater, Charles L., and R. B. Cottrell, to American Steel Foundries. Car body mounting. 2,833,227, 5-6-58, Cl. 105-199.
- Heath, Clarence W., to Cinch Mfg. Corp. Electrical contact with resilient arms. 2,822,529, 2-4-58, Cl. 339-258.
- Heath, Dudley E., to Whirlpool Corp. Ice making machine. 2,840,507, 6-24-58, Cl. 62-106.
- Heath, Earl V. Automatic speed control. 2,846,035, 5-8-58, Cl. 192-3.
- Heath, Royden L., and L. C. Owen, to Imperial Chemical Industries Ltd. Purification of terephthalic acid. 2,838,565, 6-10-58, Cl. 260-525.
- Heath, Wilfrid P. Means for acoustical correction and noise absorption. 2,830,330, 4-15-58, Cl. 20-4.
- Heathcote, Alan, and D. A. Read, to Automatic Telephone & Electric Co. Ltd. Selecting arrangements. 2,820,850, 1-21-58, Cl. 179-18.
- Heathcote, Kenneth, and J. Blears, to Metropolitan-Vickers Electrical Co. Ltd. Valve assembly. 2,856,148, 10-14-58, Cl. 251-127.
- Heathcote, Ronald T.: *See*—
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- Heathcote, Roy M.: *See*—
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- Heaton, Henry T., to General Electric Co. Coil mount. 2,864,064, 12-9-58, Cl. 336-65.
- Heavorn, James A., to Hamilton Mfg. Corp. Chair. 2,838,096, 6-10-58, Cl. 155-163.
- Heavin, Leonard J.: *See*—
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- Heavy Minerals Co.: *See*—
 Komarewsky, Vasili I. 2,820,834.
- Hebard, Glen G., to Phillips Petroleum Co. Zone selector for dual completion wells. 2,852,079, 9-16-58, Cl. 166-147.
- Hebard, Roger D. Baptismal balance. 2,844,155, 7-22-58, Cl. 134-137.
- Heberling, Friedrich, to E. I. du Pont de Nemours and Co. Method and apparatus for yarn traverse. 2,848,173, 8-19-58, Cl. 242-43.
- Hebenstreit, Lester V., to Specialties Development Corp. Heat detecting cable. 2,863,975, 12-9-58, Cl. 201-63.
- Hebenstreit, Lester V., to Specialties Development Corp. Connector assembly for heat detectors. 2,866,058, 12-23-58, Cl. 201-63.
- Heberlein, George J. Liquefied petroleum burner. 2,851,096, 9-9-58, Cl. 158-79.
- Heberlein Patent Corp.: *See*—
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- Hebert, Donald G.: *See*—
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- Hebert, Harold C., to American Can Co. Apparatus for grouping containers in different combinations for transfer to stacks. 2,828,000, 3-25-58, Cl. 198-35.
- Hebert, Henry. Apparatus for cleaning the bottom of a body of water. 2,856,704, 10-21-58, Cl. 37-75.
- Hebert, John W., to Calcinator Corp. Incinerator with burner assembly. 2,860,585, 11-18-58, Cl. 110-13.
- Hebert, John W., to Calcinator Corp. Removable grate actuator and bearings. 2,860,626, 11-18-58, Cl. 126-169.
- Hebert, Julien, to Siegmund Werner Ltd. Lounge chairs. 2,834,400, 5-13-58, Cl. 155-117.
- Hebert, Robert M., to General Motors Corp. Rotary bolt door latch. 2,861,832, 11-25-58, Cl. 292-280.
- Heble, Steve J. Releaseable hinge for stock gate. 2,848,826, 8-26-58, Cl. 39-87.
- Hechenbleikner, Ingenium: *See*—
 Glade, Nathaniel J., Hechenbleikner, and Kaiser. 2,828,228.
- Hechenbleikner, Ingenium, to Shea Chemical Corp. Aqueous flameproofing compositions and cellulosic materials treated therewith. 2,832,745, 4-29-58, Cl. 260-29.4.
- Hechenbleikner, Ingenium, to Shea Chemical Corp. Phosphites. 2,839,563, 6-17-58, Cl. 260-461.
- Hechenbleikner, Ingenium, to Shea Chemical Corp. Process of making phosphates. 2,851,476, 9-9-58, Cl. 260-461.
- Hechenbleikner, Ingenium, to Shea Chemical Corp. Preparation of trialkenyl phosphites. 2,852,551, 9-16-58, Cl. 260-461.
- Hechenbleikner, Ingenium, and M. M. Rauhut, to American Cyanamid Co. Reaction of phosphine with α,β -unsaturated compounds. 2,822,376, 2-4-58, Cl. 260-465.1.
- Hechenbleikner, Ingenium, and F. C. Lanoue, to Shea Chemical Corp. Method of preparing ethylene phosphite. 2,833,806, 5-6-58, Cl. 260-461.
- Hechenbleikner, Ingenium, C. W. Pause, and F. C. Lanoue, to Shea Chemical Corp. Heterocyclic phosphorus compounds. 2,834,798, 5-13-58, Cl. 260-461.
- Hechenbleikner, Ingenium, and F. C. Lanoue, to Shea Chemical Corp. Tetra-aromatic alkylene diphosphites. 2,841,606, 7-1-58, Cl. 260-461.
- Hechenbleikner, Ingenium, and A. T. Gaul, to Shea Chemical Corp. Process of preparing alkanolamine phosphites. 2,841,607, 7-1-58, Cl. 260-461.
- Hechenbleikner, Ingenium, and F. C. Lanoue, to Shea Chemical Corp. Cyclic glycol phosphites. 2,841,608, 7-1-58, Cl. 260-461.
- Hechenbleikner, Ingenium, and F. C. Lanoue, to Shea Chemical Corp. Pentaerythritol products. 2,847,443, 8-12-58, Cl. 260-461.
- Hechenbleikner, Ingenium, and G. Peters, to American Cyanamid Co. Preparation of S-triazines. 2,849,451, 8-26-58, Cl. 260-248.
- Hechenbleikner, Ingenium, and H. W. Sloan, to Hooker Chemical Corp. Diphenyl phosphite. 2,853,508, 9-23-58, Cl. 260-461.
- Hecht, Eugene M. Device for forming curved grooves in wood. 2,829,686, 4-8-58, Cl. 144-136.
- Hecht, Herbert, and C. Pottle, to Sperry Rand Corp. Redundant fail-proof amplifier and alarm. 2,824,296, 2-18-58, Cl. 34-253.
- Hecht, Herbert, and M. B. Glaser, to Sperry Rand Corp. Flare-out control. 2,830,291, 4-8-58, Cl. 343-108.
- Hecht, John R. Apparatus for forming logs of compressible materials. 2,833,633, 5-6-58, Cl. 44-13.
- Hecht, Otto F., to General Aniline & Film Corp. Production of alkylnols and alkyndiols using mullite-like siliceous catalyst carrier. 2,840,618, 6-24-58, Cl. 260-635.
- Hecht, Emil, to Paper Mate Of Puerto Rico, Inc. Writing implements. 2,865,333, 12-23-58, Cl. 120-42.03.
- Heck, Burnette: *See*—
 Kelley, Oliver K., Hause, and Heck. 2,835,357.
- Heck, Carl, to International Standard Electric Corp. Method of producing highly permeable dust cores. 2,825,095, 3-4-58, Cl. 18-59.3.
- Heck, Carl L., and J. F. L. Weber, to International Standard Electric Corp. Method of producing ferrites. 2,856,365, 10-14-58, Cl. 252-62.5.
- Heck, James R.: *See*—
 Frame, Thomas E., and Heck. 2,858,378.
- Heckathorn, Loyd E., to Towner Mfg. Co. Earth-penetrating point. 2,847,921, 8-19-58, Cl. 97-78.
- Heckel, Harry L.: *See*—
 Beckham, Leland J., and Heckel. 2,831,801.
- Heckenkamp, Jack A.: *See*—
 Toellner, Howard C., and Heckenkamp. 2,854,980.
- Hecker, Arthur C., to Argus Chemical Laboratory, Inc. Mixtures of vinyl resin, aromatic acid, and asbestos containing iron oxide. 2,837,490, 6-3-58, Cl. 260-23.
- Hecker, Arthur C., and W. E. Leistner, to Argus Chemical Corp. Composition comprising polyethylene plastic and organic phosphite and method for making same. 2,860,115, 11-11-58, Cl. 260-23.

- Heckert, Richard E., to E. I. du Pont de Nemours and Co. Tricyanovinylaryleneazobenzene compounds. 2,824,096, 2-18-58, Cl. 260-192.
- Heckethorn, John E., to Heckethorn Mfg. & Supply Co. Automatic declutching and cut-off control devices for spring winding machines. 2,855,974, 10-14-58, Cl. 153-65.
- Heckethorn, John E., to Heckethorn Mfg. & Supply Co. Automatic switches responsive to speed variations. 2,857,490, 10-21-58, Cl. 200-80.
- Heckethorn, John E., to Heckethorn Mfg. & Supply Co. Variable speed drives for automotive generators. 2,866,349, 12-30-58, Cl. 74-336.
- Heckethorn Mfg. & Supply Co.: *See*—
- Heckethorn, John E. 2,855,974.
- Heckethorn, John E. 2,857,490.
- Heckethorn, John E. 2,866,349.
- Kreuthmeir, Donald W. 2,840,729.
- Kreuthmeir, Donald W. 2,862,146.
- Whitlock, Howard D. 2,843,767.
- Heckett, Eric H., to Harsco Corp. Tumbler barrel for impact cleaning of metal scrap. 2,837,289, 6-3-58, Cl. 241-91.
- Heckles, John S., to Armstrong Cork Co. Low temperature preparation of alkyl resins from long chain fatty acids. 2,861,047, 11-18-58, Cl. 260-22.
- Heckmaier, Joseph: *See*—
- Bauer, Hans, Heckmaier, and Reinecke. 2,835,643.
- Heckman, Harry W. Controlling apparatus for helicopter vanes and blades. 2,845,132, 7-29-58, Cl. 170-160.25.
- Hed, Lars, to Allmänna Svenska Elektriska Aktiebolaget. Direct current presaturated current transformer arrangement. 2,855,562, 10-7-58, Cl. 322-25.
- Hedblæk, Tore J., and G. G. Lundman, to Aktiebolaget Svenska Maskinverken. Method and means for heat exchange between flowing media, preferably for remote heating systems. 2,823,650, 2-18-58, Cl. 122-32.
- Hedblom, Lars O. Automatic chain saw. 2,831,511, 4-22-58, Cl. 143-32.
- Hedbom, Lars, to Aktiebolaget Svenska Flaktfabriken. Heat exchanger. 2,828,947, 4-1-58, Cl. 257-245.
- Hedbrandth, Eric A. Inserts for collars. 2,824,310, 2-25-58, Cl. 2-131.
- Hedden, Robert R., and H. W. Roessler, to Chiksan Co. Flanged, band-clamped swivel coupling for fluid handling tubes. 2,862,731, 12-2-58, Cl. 285-272.
- Heddendorf, George B., and E. M. Di Giulio, to Burroughs Corp. Recording under the control of selectively decoded data. 2,853,939, 9-30-58, Cl. 101-93.
- Hedderich, William E., to Greenlee Bros. & Co. Turnover apparatus. 2,865,516, 12-23-58, Cl. 214-1.
- Hedding, Linnie K., to Westinghouse Air Brake Co. Rectifier stack assemblies. 2,854,609, 9-30-58, Cl. 317-234.
- Heddy, Dorothy P.: *See*—
- Heddy, Edward H., and D. P. 2,836,995.
- Heddy, Edward H., deceased, by D. P. Heddy, executrix. Fishing reel transmission. 2,836,995, 6-3-58, Cl. 74-812.
- Hedeen, Bert G., Brace rod. 2,820,626, 1-21-58, Cl. 267-1.
- Hedén, Carl G., to Aktiebolaget Separator. Arrangement for sterile interconnection and sealing of apparatuses in a plant for instance for cultivation of bacteria. 2,836,434, 5-27-58, Cl. 285-41.
- Heden, Folke, to Limpert Bros., Inc. Process for preparation of chocolate extract or chocolate syrup from cocoa. 2,823,124, 2-11-58, Cl. 99-26.
- Hedenburg, John F.: *See*—
- Bowman, Robert S., Dubbs, and Hedenburg. 2,829,175.
- Hedrus, Nils F. R. Improvements in window sash. 2,843,887, 7-22-58, Cl. 20-52.2.
- Hedgcock, Wendell T., and C. Arnold, to Collins Radio Co. End-stop circuit for servo systems. 2,833,980, 5-6-58, Cl. 323-65.
- Hedges, William D., to Columbus Coated Fabrics Corp. Vinyl coated knit fabric. 2,823,156, 2-11-58, Cl. 154-46.
- Hedges, William M.: *See*—
- Bouras, Marlan E., Harrison, Hedges, and Goepfinger. 2,857,495.
- Hedin, Robert S.: *See*—
- Bergsland, Charles H., and Hedin. 2,861,701.
- Hedley, Norman: *See*—
- Carpenter, Erwin L., and Hedley. 2,829,045.
- Hedlund, Junior M.: *See*—
- Hedlund, Wilfred E., M. R., J. M., and O. K. 2,833,152.
- Hedlund Mfg. Co.: *See*—
- Hedlund, Wilfred E., M. R., J. M., and O. K. 2,833,152.
- Hedlund, Martin R.: *See*—
- Hedlund, Wilfred E., M. R., J. M., and O. K. 2,833,152.
- Hedlund, Oliver K.: *See*—
- Hedlund, Wilfred E., M. R., J. M., and O. K. 2,833,152.
- Hedlund, Robert C., to Dow Corning Corp. Siloxane coated cooking utensils. 2,833,441, 5-6-58, Cl. 220-64.
- Hedlund, Robert C., to Dow Corning Corp. Organosiloxane resins and indium carboxylate. 2,855,380, 10-7-58, Cl. 260-46.5.
- Hedlund, Robert C., to Dow Corning Corp. Vinyl resin-acrylic ester-organopolysiloxane coating compositions and method of coating with same. 2,860,074, 11-11-58, Cl. 117-132.
- Hedlund, Roland G. M., to General Electric Co. Circuit interrupter. 2,824,928, 2-25-58, Cl. 200-115.
- Hedlund, Roland G. M., to General Electric Co. Overvoltage protective device. 2,858,468, 10-28-58, Cl. 313-232.
- Hedlund, Roland G. M., and E. C. Sakshaug, to General Electric Co. Circuit interrupter. 2,820,869, 1-21-58, Cl. 200-115.
- Hedlund, Wilfred E., M. R., J. M., and O. K.: *said* J. M. and O. K. Hedlund assors. to *said* W. E. and M. R. Hedlund, d. b. a. Hedlund Mfg. Co. Chain. 2,833,152, 5-6-58, Cl. 74-245.
- Hedman Co., The: *See*—
- Johnson, Clarence W., and Kreidich. 2,841,076.
- Hedman, Dean L. R. Folding yard chair. 2,837,140, 6-3-58, Cl. 155-117.
- Hedrich, Albert L.: *See*—
- Pardue, Don R., and Hedrich. 2,834,236.
- Hedrich, Albert L., and D. R. Pardue, to United States of America, Army. Ultrasonic flowmeter transducer mounting. 2,844,961, 7-29-58, Cl. 73-194.
- Hedrick, Glen W.: *See*—
- Maguire, Richard G., and Hedrick. 2,864,720.
- Hedrick, James R., and A. A. Leukuma. Ice shaving drill bit. 2,854,248, 9-30-58, Cl. 255-61.
- Hedrick, Theodore T., and W. O. Gordon, to T. T. Hedrick, trustee. Tandem tractor hitch. 2,827,308, 3-18-58, Cl. 280-472.
- Hedtkie, Robert G., to Minneapolis-Moline Co. Forage cutter blade. 2,845,972, 8-5-58, Cl. 146-108.
- Hedstrom, Gustav V.: *See*—
- Kishline, Floyd F., Voigt, and Hedstrom. 2,842,063.
- Heegaard, Erik V.: *See*—
- Shafar, Ralph W., and Heegaard. 2,829,161.
- Heehler, Arthur C., and A. E. Ganzert, to The Pyle-National Co. Warning light. 2,846,663, 8-5-58, Cl. 340-50.
- Heen, Erik, to Norsk Frossenfisk A/L. Process for producing frozen fish filets. 2,851,367, 9-9-58, Cl. 99-195.
- Heenan, Sidney A., and R. L. Nagel, to Elastic Stop Nut Corp. of America. Catadioptric lenses. 2,831,394, 4-22-58, Cl. 88-57.
- Heer, Hans, to General Aniline & Film Corp. Bromination of dibenzopyrenequinones. 2,838,525, 6-10-58, Cl. 260-362.
- Heer, Jules: *See*—
- Hoffmann, Karl, Heer, Sury, and Urech. 2,820,038.
- Hoffmann, Karl, Heer, Sury, and Urech. 2,826,583.
- Hoffmann, Karl, Heer, Sury, and Urech. 2,849,453.
- Heer, Ralph W., L. W. Mundy, and P. G. Kuhn, to Poor & Co. Road surfacing machine. 2,847,917, 8-19-58, Cl. 94-46.
- Heere, Peter N. Packing of rings, discs and other tray-like divisional walls in pipes, towers, columns and other such vessels. 2,841,421, 7-1-58, Cl. 286-1.
- Heetbrink, Gerrit H., and C. Van Emde Boas. Fecundity calendar. 2,819,021, 1-7-58, Cl. 235-86.
- Heetman, Alphonsus, to North American Philips Co., Inc. Arrangement of subscriber's line circuits. 2,835,740, 5-20-58, Cl. 179-18.
- Heetman, Alphonsus, to North American Philips Co., Inc. Arrangement for identifying calling lines. 2,854,517, 9-30-58, Cl. 179-18.
- Hefe, John R., to Bell Telephone Laboratories, Inc. Television transmission channel sharing system. 2,860,186, 11-11-58, Cl. 179-15.
- Hefe, John R., to Bell Telephone Laboratories, Inc. Line amplifier for a television system. 2,861,124, 11-18-58, Cl. 178-7.1.
- Heffel, Harold. Reel clamp. 2,839,863, 6-24-58, Cl. 43-22.
- Heffelfinger, Robert D.: *See*—
- Hadfield, Walter, Sr., Heffelfinger, and Stimmel. 2,820,355.
- Heffelfinger, Robert D., and R. MacHenry, to American Viscose Corp. Fiber cutter. 2,821,253, 1-28-58, Cl. 164-68.
- Heffelfinger, Robert D., and W. P. Crawley, to American Viscose Corp. Stop motion. 2,825,119, 3-4-58, Cl. 28-51.
- Heffernan, J., and Son: *See*—
- Richner, William V. 2,825,343.
- Heffernan, James F.: *See*—
- Richner, William V. 2,825,343.
- Heffernan, Mary E.: *See*—
- Richner, William V. 2,825,343.
- Heffernan, William J.: *See*—
- Richner, William V. 2,825,343.
- Heffner, Claude, deceased; R. R. Heffner, executrix. Invalid handling apparatus for vehicles. 2,846,091, 8-5-58, Cl. 214-75.
- Heffner, Claude J. Punching bag. 2,826,416, 3-11-58, Cl. 272-78.
- Heffner, Ruth R.: *See*—
- Heffner, Claude and R. R. 2,846,091.
- Heffner, William E. Vehicle wheel. 2,822,020, 2-4-58, Cl. 152-40.5.
- Heffron, Joseph and L. Fish hook. 2,847,220, 8-12-58, Cl. 43-44.83.
- Heffron, Lillian: *See*—
- Heffron, Joseph and L. 2,847,220.
- Hefley, David R. Bathtub seat. 2,834,968, 5-20-58, Cl. 4-185.
- Hefner, Robert E., and M. E. Pruitt, to The Dow Chemical Co. Glycerol triether lubricant compositions. 2,841,479, 7-1-58, Cl. 44-58.
- Heft, Eldon B.: *See*—
- Skiff, Russell A., and Heft. 2,866,051.
- Heft, Eldon B., to General Electric Co. Governor. 2,820,443, 1-21-58, Cl. 123-103.

- Hefti, Martin. Escalator adapted to follow a curved path. 2,823,785, 2-18-58, Cl. 198-17.
- Heftler, Paul, to V. Heron. Shock-absorbing spring suspensions and steering linkage. 2,840,385, 6-24-58, Cl. 280-93.
- Hefty, Melvin R.: *See*—
- Scheitley, William J., Givens, and Hefty. 2,842,496.
- Hegarty, John P.: *See*—
- Hockstein, Alfred R., and Hegarty. 2,836,262.
- Hegarty, Marie. Combined support and receptacle for books and the like. 2,863,256, 12-9-58, Cl. 45-59.
- Hegedüs, Balthasar, to Hoffmann-La Roche Inc. Derivatives of α -amino- β -hydroxy hydroxamic acids. 2,862,020, 11-25-58, Cl. 260-471.
- Heger, James J., J. M. Hodge, and R. Smith, to United States Steel Corp. Precipitation-hardening nonmagnetic-ferrous alloys. 2,865,740, 12-23-58, Cl. 75-123.
- Hegge, Edward N.: *See*—
- Beeuwkes, Reinier, Jr., McDonough, and Hegge. 2,820,412.
- Hehn, Lester C. Vibration isolators. 2,841,388, 7-1-58, Cl. 267-1.
- Hehr, Elmer T. Window fastener construction. 2,840,202, 6-24-58, Cl. 189-75.
- Hehr, Elmer T. Window fastener construction. 2,840,203, 6-24-58, Cl. 189-75.
- Heibel, Jerome D., and J. W. Schell, to Erie Resistor Corp. Metal coated dielectrics and method for producing same. 2,833,676, 5-6-58, Cl. 117-213.
- Heiberger, Charles A., and J. L. Thomas, to Food Machinery and Chemical Corp. Solid prepolymers of diallyl phthalate. 2,832,758, 4-29-58, Cl. 260-78.4.
- Heiberger, Francis E., to Danly Machine Specialties, Inc. Power press control circuit. 2,859,355, 11-4-58, Cl. 307-43.
- Heidecke, Reinhold, and W. Knauf, to Franke & Heidecke Fabrik Photographischer Präzisions-Apparate. Focusing hood for reflex cameras. 2,839,977, 6-24-58, Cl. 95-47.
- Heideman, Homer G., to Rex Roto Corp. Adjustable arch form. 2,842,234, 7-8-58, Cl. 189-37.
- Heiden, John A., to United Engineering and Foundry Co. Apparatus for spacing workpieces. 2,843,249, 7-15-58, Cl. 198-29.
- Heider, Rudolph L., and H. M. Walker, to Monsanto Chemical Co. Hexahydrobenzoguanamine oil modified alkyd coating compositions. 2,859,188, 11-4-58, Cl. 260-21.
- Heidergott, Harry W.: *See*—
- Eger, Edward F., and Heidergott. 2,839,023.
- Heidergott, Harry W., to Western Electric Co., Inc. Feeding devices. 2,852,123, 9-16-58, Cl. 198-24.
- Heiderich, Edward W.: *See*—
- Deyrun, Alden J., Heiderich, and Wagoner. 2,861,870.
- Heidler, Albert. Torque regulator for compressed air operated hand tools and other motors. 2,860,603, 11-18-58, Cl. 121-34.
- Heidman, William A., Jr. Flush valves for water closet tanks. 2,839,761, 6-24-58, Cl. 4-53.
- Heidorn, John H.: *See*—
- Becht, Richard J., and Heidorn. 2,844,305.
- Gibson, Lowell, Hornaday, and Heidorn. 2,825,499.
- Heidorn, John H., and R. J. Becht, to General Motors Corp. Refrigerating apparatus. 2,864,551, 12-16-58, Cl. 230-58.
- Heidt, William A., and C. A. Muller, to International Business Machines Corp. Keyboard touch feature. 2,858,002, 10-28-58, Cl. 197-17.
- Heidman, Martin C., Jr. Portable frame for power hand drills. 2,849,900, 9-2-58, Cl. 77-14.
- Heifetz, Marvin: *See*—
- Anderson, Ralph F., and Heifetz. 2,863,271.
- Heiges, Russell W., and W. R. Reed, to Armstrong Cork Co. Manufacture of cork composition products. 2,823,420, 2-18-58, Cl. 18-48.
- Heiges, Russell W., and W. R. Reed, to Armstrong Cork Co. Floor and wall covering. 2,828,219, 3-25-58, Cl. 117-72.
- Heigis, Henry E.: *See*—
- Books, Thomas V., and Heigis. 2,855,848.
- Heigis, Henry E., and F. B. Parsons, to Specialties Development Corp. Fluid distributing system. 2,829,720, 4-8-58, Cl. 169-11.
- Heigl, John J.: *See*—
- Black, James F., Guthrie, Weisgerber, and Heigl. 2,845,388.
- Heijligers, Joris D.: *See*—
- Penning, Frans M., 2,863,315.
- Roovers, Wilhelmus A., and Van Steenis. 2,835,853.
- Vermaas, Henricus G. P., and Van Steenis. 2,821,812.
- Heijnis, James W. I.: *See*—
- Schrenk, Hans A., van Dijk, and Heijnis. 2,855,750.
- Heijo, Kazuo: *See*—
- Tsukamoto, Tadashi, Suzuki, Heijo, Takebe, Sudo, and Tanaka. 2,823,226.
- Heiken, Byard J. Auger conveyor having telescoping characteristics. 2,845,167, 7-29-58, Cl. 198-213.
- Heikes, Calvin A. Traffic signal. 2,865,017, 12-16-58, Cl. 340-41.
- Heikes, Norman L.: *See*—
- Stahl, Robert J., and Heikes. 2,827,512.
- Heil Co., The: *See*—
- Meyer, Arnold F. 2,863,797.
- Heil, George C., to American Viscose Corp. Stacking container. 2,849,151, 8-26-58, Cl. 220-97.
- Heil, Harry A. Fishing reel and holder. 2,855,717, 10-14-58, Cl. 43-18.
- Heil, Ludwig, to Firma A. Van Kaick "A v K"-Generatoren- und Motoren-Werk. Compound wound generator. 2,852,731, 9-16-58, Cl. 322-24.
- Heil-Quaker Corp.: *See*—
- Keeves, Herbert M., North, and Hillebrand. 2,825,399.
- Heil, Theodore, to Heilite Trailers. Trailer tent frame. 2,826,210, 3-11-58, Cl. 135-4.
- Heil, Vernon E., and F. J. Hooven, said Heil assignor to P. R. Mallory & Co., Inc. Ignition breaker. 2,856,473, 10-14-58, Cl. 200-30.
- Heilig, George E. Dry lime acetylene generator. 2,862,805, 12-2-58, Cl. 48-33.
- Heilite Trailers: *See*—
- Heil, Theodore. 2,826,210.
- Heiman, Jordan L. Sheet metal door. 2,837,183, 6-3-58, Cl. 189-46.
- Heimann, Karl W., and K. Werle, to G. M. Pfaff, A.-G. Hook for double stitch sewing machine. 2,839,019, 6-17-58, Cl. 112-228.
- Heimann, Philip. Watches and like horological instruments. 2,858,664, 11-4-58, Cl. 58-109.
- Heimann, Thorbjorn, to F. L. Smidth & Co. Composition and process for manufacturing cement. 2,860,061, 11-11-58, Cl. 106-100.
- Heimann, Walter. Method of eliminating ion spots on the photo-cathode of electronic optical devices. 2,831,143, 4-15-58, Cl. 315-10.
- Heimann, Walter, to Societe Nouvelle de L'Outillage R. B. V. et de la Radio-Industrie (R. B. V.-R. I.). Method of forming photoresistive coatings and composition. 2,861,903, 11-25-58, Cl. 117-200.
- Heimann, Willi, to G. M. Pfaff, A.-G. Sewing machine. 2,828,709, 4-1-58, Cl. 112-258.
- Heimaster, John W.: *See*—
- Alspaugh, Paul L., Heimaster, and McNeill. 2,826,402.
- Alspaugh, Paul L., Heimaster, and McNeill. 2,839,281.
- Heimberger, Hermann. Device for testing electrical apparatus. 2,841,764, 7-1-58, Cl. 324-51.
- Heimberger, Werner: *See*—
- Gansau, Gerhard, Haack, Heimberger, and Stoock. 2,838,552.
- Heimbigner, Ray H. Lifting boom and means for operative attachment to a vehicle. 2,818,981, 1-7-58, Cl. 212-8.
- Heimbs, Ernst, and W. Kangro, to Heimbs & Sohn. Treatment of coffee and other materials. 2,859,116, 11-4-58, Cl. 99-68.
- Heimbs & Sohn: *See*—
- Heimbs, Ernst, and Kangro. 2,859,116.
- Heimel, Kurt: *See*—
- Debus, Karl, and Heimel. 2,847,116.
- Heimke, Paul: *See*—
- Berlin, Ludwig W., and Heimke. 2,861,989.
- Heimlicher, Paul, and L. Vetter, to Maschinenfabrik Winkler, Fallert & Co. A. G. Sheet collectors for collecting paper sheets into piles. 2,850,281, 9-2-58, Cl. 271-71.
- Heimos, Milton J.: *See*—
- Williams, Russell J., and Heimos. 2,822,733.
- Hein, August E., to Century Machine Co. Dough handling apparatus. 2,853,028, 9-23-58, Cl. 107-15.
- Hein, Charles E., to Morse Chain Co. One-way clutch. 2,827,992, 3-25-58, Cl. 192-45.1.
- Hein, Delton W.: *See*—
- Katz, Leon, Hein, Pretka, and Long. 2,852,556.
- Hein, Delton W., to American Cyanamid Co. Tetraphenyl tetrazaporphins. 2,850,505, 9-2-58, Cl. 260-314.
- Hein, George N., Jr., to Becton, Dickinson and Co. Lancet. 2,823,677, 2-18-58, Cl. 128-314.
- Hein, George N., Jr., to Becton, Dickinson and Co. Snake bite kit. 2,826,297, 3-11-58, Cl. 206-63.2.
- Hein, George N., Jr. Syringe assembly. 2,833,280, 5-6-58, Cl. 128-218.
- Hein, George N., Jr., to Becton, Dickinson and Co. Thumb ring for hypodermic syringe. 2,842,128, 7-8-58, Cl. 128-218.
- Hein, George N., Jr., to Becton, Dickinson and Co. Venting needle. 2,855,929, 10-14-58, Cl. 128-221.
- Hein, George N., Jr., to Becton, Dickinson and Co. Hypodermic assembly. 2,866,458, 12-30-58, Cl. 128-218.
- Hein, Henry W., and Z. S. Fredericks, to The Cyril Bath Co. Stretch forming apparatus with supplemental piston and cylinder assemblage. 2,857,952, 10-28-58, Cl. 153-40.
- Hein, Walther, Dr. Jur.: *See*—
- Saul, Franz. 2,823,329.
- Heindel, Harold J., E. Groschoff, and E. Joss, to Andrea Radio Corp. Directionally adjustable radio receiver antenna. 2,837,741, 6-3-58, Cl. 343-702.
- Heine, Heinrich: *See*—
- Salden, Wilhelm, Heine, and Sander. 2,852,224.
- Heine, Heinrich, and F. Koppitz, deceased; E. Koppitz, executrix, to Koppers Co., Inc. Reversing machines for regenerative oven or the like. 2,826,728, 3-11-58, Cl. 318-283.
- Heine, Henry W. Acoustical tile and method of manufacturing it. 2,825,420, 3-4-58, Cl. 181-33.
- Heine, Thomas H.: *See*—
- Meister, George, and Heine. 2,840,751.
- Heine, William H., to Kellogg Co. Easily openable carton top. 2,854,184, 9-30-58, Cl. 229-51.
- Heineman, Lawrence M.: *See*—
- Hansen, Ernest E., Jr., and Heineman. 2,820,846.
- Heinemann, Burdet, to Eco, Inc. Method of and composition for preserving milk and milk products. 2,837,459, 6-3-58, Cl. 167-19.

- Heinemann, Heinz, to Houdry Process Corp. Multistage hydrocarbon reforming process. 2,866,745, 12-30-58, Cl. 208-79.
- Heinemann, Heinz, to Houdry Process Corp. Catalytic alkylation of hydrocarbons. 2,866,837, 12-30-58, Cl. 260-683.64.
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- Kaldschmidt, Georg, and Heinemann. 2,853,003.
- Heinemann, Walter, E. Kiehmann, and E. Schimmelpfennig, to VEB Werk für Signal- und Sicherungstechnik. Letter-sorting machine. 2,846,052, 8-5-58, Cl. 198-167.
- Heinen, Carl, to Chemische Werke Albert. Copolymerizates of vinyl monomers and unsaturated polyesters derived from phenyloxy glycols. 2,855,379, 10-7-58, Cl. 260-45.4.
- Heinen, Josef: *See*—
- Müller, Wilhelm, Heinen, and Casper. 2,851,478.
- Heinrich, Erich, to Henkel & Cie. G. m. b. H. Process of producing readily filterable calcium sulfate during manufacture of phosphoric acid by the wet process. 2,851,335, 9-9-58, Cl. 23-122.
- Heinicke, Kurt J. Washing and sterilizing machine for glassware. 2,827,064, 3-18-58, Cl. 134-172.
- Heinicke, Kurt J. Sheet metal centrifugal pump. 2,844,100, 7-22-58, Cl. 103-87.
- Heininger, Ralph F. Slicing apparatus. 2,834,386, 5-13-58, Cl. 146-78.
- Heininger, Samuel A.: *See*—
- Santmyer, Philip H., and Heininger. 2,819,197.
- Heininger, Samuel A., to Monsanto Chemical Co. Halogenated nitriles. 2,819,291, 1-7-58, Cl. 260-465.
- Heininger, Samuel A., to Monsanto Chemical Co. 3,3'-(alkylenedioxy) dipropionitriles. 2,836,613, 5-27-58, Cl. 260-465.6.
- Heininger, Samuel A., to Monsanto Chemical Co. Quinolinium and pyridinium quaternaries. 2,857,310, 10-21-58, Cl. 167-33.
- Heininger, Samuel A., and G. H. Birum, to Monsanto Chemical Co. Adducts of halogenated benzene sulfonyl halides and vinyl esters and process. 2,824,890, 2-25-58, Cl. 260-488.
- Heininger, Samuel A., and E. L. Doerr, to Monsanto Chemical Co. Methylene blue removal from acrylic monomers. 2,836,615, 5-27-58, Cl. 260-465.9.
- Heininger, Samuel A., and G. H. Birum, to Monsanto Chemical Co. Reaction of thiazole sulfonyl halides with alpha, beta-olefin nitriles and products. 2,862,000, 11-25-58, Cl. 260-306.6.
- Heinisch, Harold P.: *See*—
- Harp, Ray S., and Heinisch. 2,823,560.
- Heinisch, George. Portable well drilling machine and telescoping tripod mast therefor. 2,847,098, 8-12-58, Cl. 189-11.
- Heintz, Carl W., to American Can Co. Flexible dispensing nozzle with supporting closure. 2,823,837, 2-18-58, Cl. 222-546.
- Heinmiller, Percival M.: *See*—
- Bennett, John C., and Heinmiller. 2,831,735.
- Heinn Co., The: *See*—
- Stevens, Charles A. 2,842,884.
- Heino, Lauri. Card playing machine. 2,821,399, 1-28-58, Cl. 273-149.
- Heinr. Auer Mühlenwerke K. G. a. A.: *See*—
- Neidhardt, R. 2,842,243.
- Heinrich, Harald H. Printing press with cooled cylinder. 2,849,951, 9-2-58, Cl. 101-178.
- Heinrich, Herbert, and B. Reibel, to Coty, Inc. Fountain type dispensing comb. 2,849,009, 8-26-58, Cl. 132-116.
- Heinrich, Kurt. Vertical counter-current extracting tower. 2,828,230, 3-25-58, Cl. 127-7.
- Heinrich, Kurt. Continuous extracting process and apparatus. 2,853,405, 9-23-58, Cl. 127-7.
- Heinrich, William G.: *See*—
- Aldernico, Carmelo L., Chessin, Heinrich, Poor, and Smith. 2,833,875.
- Heinrichs, Harry W. Safety device for closure members. 2,866,659, 12-30-58, Cl. 292-267.
- Heintz, Clarence T., to The Ridge Tool Co. Lubricating pump device. 2,863,396, 12-9-58, Cl. 103-178.
- Heintz, James C., Co., The: *See*—
- Eriksen, Merrill K. 2,851,726.
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- Heintz, Ralph M., to Textron Inc. Hydraulic mechanism. 2,820,342, 1-21-58, Cl. 60-52.
- Heintz, Ralph M., to International Telephone and Telegraph Corp. Inductor alternator. 2,866,111, 12-23-58, Cl. 310-168.
- Heintzelman, Leo A., to Johnson-Hartmann. Telephone mouthpiece voice silencer. 2,846,527, 8-5-58, Cl. 179-188.
- Heintzelman, William J.: *See*—
- Corson, Ben B., Heintzelman, and Odioso. 2,840,621.
- Heinz, Carl, to United States Steel Corp. Cooling water spray head and collector trough for mill rolls. 2,849,905, 9-2-58, Cl. 80-41.
- Heinz, H. J. Co.: *See*—
- Merkner, Albert H., and Gutowski. 2,842,912.
- Heinz, Walter E.: *See*—
- Stearns, Duane L., and Heinz. 2,851,497.
- Heinze, Chalmer D., to Carlisle Corp. Retreading tire curing rim. 2,865,053, 12-23-58, Cl. 18-45.
- Heinze, Gerhard: *See*—
- Zirngibl, Hans, and Heinze. 2,849,289.
- Heinzelman, Edward, Jr., and S. C. Williamson, to Oakite Products, Inc. Phosphate coating composition and method of coating metal therewith. 2,820,731, 1-21-58, Cl. 148-6.15.
- Heinzelman, Richard V.: *See*—
- Aspergren, Brooke D., and Heinzelman. 2,863,865.
- Birkenmeyer, Robert D., and Heinzelman. 2,865,951.
- Heinzelman, Richard V., to The Upjohn Co. Pyrrolidines. 2,824,111, 2-18-58, Cl. 260-326.5.
- Heinzelman, Richard V., R. B. Moffett, and R. H. Levin, to The Upjohn Co. Organic compounds. 2,833,772, 5-6-58, Cl. 260-292.
- Heinzelman, Richard V., and M. F. Murray, to The Upjohn Co. Erythromycin compounds. 2,839,524, 6-17-58, Cl. 260-210.
- Heinzelman, Richard V., and B. D. Aspergren, to The Upjohn Co. Pyrrolidines. 2,864,825, 12-16-58, Cl. 260-326.5.
- Heinzmann, John D.: *See*—
- Bickford, John H., and Heinzmann. 2,855,149.
- Heise, George W.: *See*—
- Schumacher, Erwin A., and Heise. 2,863,789.
- Heise, George W., and N. C. Cahoon, to Union Carbide Corp. Multiply washer for the prevention of electrolyte creepage. 2,849,521, 8-26-58, Cl. 136-133.
- Heise, Richard H.: *See*—
- De Pew, Thomas N., and Heise. 2,828,932.
- De Pew, Thomas N., and Heise. 2,828,933.
- Heise, Rudolf, to Dehydtag, Deutsche Hydrierwerke G. m. b. H. Process for the production of hydroperoxides of partially hydrogenated polycyclic aromatic hydrocarbons. 2,861,031, 11-18-58, Cl. 204-162.
- Heisenberg, Erwin, and A. Watzl, to Vereinigte Glanzstoff-Fabriken A. G. Method of polycondensing diglycol esters of terephthalic acid. Re. 24,490, 6-17-58, Cl. 260-75.
- Heisenberg, Erwin, and R. Lotz, to Vereinigte Glanzstoff-Fabriken Akt. Method of preparing p-xylylene dichloride. 2,850,542, 9-2-58, Cl. 260-651.
- Heiser, Elmer F. Mechanical drawing component. 2,835,987, 5-27-58, Cl. 35-28.
- Heiser, Ferdinand F.: *See*—
- Vicenzi, Reno L., and Heiser. 2,845,585.
- Heiser, Robert F. Vehicle light. 2,831,960, 4-22-58, Cl. 240-7.1.
- Heiskell, Charles L., Jr. Apparatus for effecting the separation of the components from a complex fluid system. 2,853,448, 9-23-58, Cl. 204-299.
- Heiskell, Herbert C. New tone mouthpiece. 2,827,819, 3-25-58, Cl. 84-398.
- Heisler, Albert: *See*—
- Heisler, Jerome S. and A., and Starr. 2,864,128.
- Heisler, Harold, to Midwest Folding Products Mfg. Corp. Foldable platform. 2,860,383, 11-18-58, Cl. 20-1.123.
- Heisler, Jerome S. and A., and A. J. Starr, to J. S. and A. Heisler. Apparatus for molding inlet and outer flanges from powdered polyethylene and similar thermoplastic materials with simultaneous production of molded threads thereon. 2,864,128, 12-16-58, Cl. 18-42.
- Heisler, Robert Y.: *See*—
- Albert, Norman, Heisler, and Newman. 2,844,451.
- Dille, Kenneth L., Heisler, Newman, and Alpert. 2,821,538.
- Dille, Kenneth L., Heisler, Newman, and Alpert. 2,844,449.
- Newman, Stanley R., Alpert, and Heisler. 2,821,539.
- Newman, Stanley R., Heisler, and Alpert. 2,866,757.
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- Heisler, Robert Y., S. R. Newman, and N. Alpert, to The Texas Co. Fuels containing a deposit-control additive. 2,844,448, 7-22-58, Cl. 44-70.
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- Heiss, John P., to Thompson Products, Inc. Self-contained automatic leveling vehicle suspension. 2,825,579, 3-4-58, Cl. 280-124.
- Heiss, John P., to Thompson Products, Inc. Thermostatically controlled fan. 2,840,315, 6-24-58, Cl. 236-35.
- Heit, Arthur O. Handles for handbags and luggage. 2,852,114, 9-16-58, Cl. 190-57.
- Heitler, Emmett H., to Shwayder Bros., Inc. Luggage case such as hat box. 2,829,745, 4-8-58, Cl. 190-28.
- Heitler, Emmett H., to Shwayder Bros., Inc. Luggage case. 2,861,661, 11-25-58, Cl. 190-49.
- Heitman, Joseph B., to Pennsalt Chemicals Corp. Process for recovery of platinum from perchlorate cell electrolyte. 2,825,643, 3-4-58, Cl. 75-108.
- Heitor, Antonio L. C., to G. D. Dunlop. Mechanical dead reckoning and time-distance navigational computer. 2,823,857, 2-18-58, Cl. 235-61.
- Heitshu, Daniel C., to Deere & Co. Hillside harvester. 2,821,059, 1-28-58, Cl. 56-209.
- Heitshu, Daniel C., to Deere & Co. Hitch device. 2,832,276, 4-29-58, Cl. 97-46.07.
- Heitz, Gustav. Mobile slewing crane with jib. 2,846,082, 8-5-58, Cl. 212-59.
- Hekelaar, Johannes P., to N. V. Ontwerp- & Exploitatiebureau "Shunt." Tipping lock for a garbage chute. 2,821,282, 1-28-58, Cl. 193-34.

- Helbig, Lutz E.: *See*—
MacDonald, Angus S., and Helbig. 2,826,310.
- Helbig, Walter A.: *See*—
Lo, Arthur W., and Helbig. 2,866,178.
- Helco Products Corp.: *See*—
MacCauley, Wilbur J. 2,853,587.
- Held, Hans J.: *See*—
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- Held, Hans J., and J. Weits, to Ducon Co., Inc. Trickle valve. 2,838,062, 6-10-58, Cl. 137-382.
- Held, Hans J., and J. Weits, to Ducon Co., Inc. Trickle valve. 2,838,065, 6-10-58, Cl. 137-521.
- Held, Sidney P. Reflex amplifier with two stages cascaded at intermediate frequencies and paralleled at audio frequencies. 2,843,735, 7-15-58, Cl. 250-020.
- Heldenbrand, Arthur P. Automatic hydraulic pressure release device. 2,849,021, 8-26-58, Cl. 137-467.
- Heldenfels, Richard R.: *See*—
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- Heldfond, Harold S. Supplementary container for use with receptacle closures. 2,862,637, 12-2-58, Cl. 215-38.
- Helfet, Arthur J., to Walk-Rite Appliances (Proprietary) Ltd. Orthopedic appliance for flat-footedness. 2,821,032, 1-28-58, Cl. 36-71.
- Holgeby, Ralph O., to General Motors Corp. Space and numerical indicating instrument. 2,820,429, 1-21-58, Cl. 116-57.
- Helgerud, Øyvind, and A. Olsen, to A/S Protan and O. Helgerud. Method for preserving fish. 2,839,410, 6-17-58, Cl. 99-195.
- Heli-Coil Corp.: *See*—
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Forster, John O. 2,832,129.
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- Helipot Corp.: *See*—
Gordon, James F. 2,849,979.
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- Hell, Rudolf, to Dr.-Ing. Rudolf Hell K. G. Page printer facsimile receiver. 2,853,551, 9-23-58, Cl. 178-11.
- Hell, Rudolf, to Dr.-Ing. Rudolf Hell Kommanditgesellschaft. Apparatus for controlling facsimile transceivers. 2,856,459, 10-14-58, Cl. 178-69.5.
- Hell, Rudolf, to Dr.-Ing. Rudolf Hell Kommanditgesellschaft. Device for making printing blocks. 2,863,000, 12-2-58, Cl. 178-6.6.
- Hell, Rudolf, E. Lifferth, and K. Reche, to Siemens & Halske Akt. Device for transmitting station identification in facsimile telegraphy. 2,843,663, 7-15-58, Cl. 178-7.1.
- Hell, Rudolf, and H. Daudt, to Siemens & Halske Akt. Device for electro-mechanically recording telegraphic impulses. 2,843,670, 7-15-58, Cl. 178-96.
- Hell, Rudolf, and A. Samlowski. Telegraph code practice keyer. 2,857,460, 10-21-58, Cl. 178-115.
- Heller, B., & Co.: *See*—
Gorsica, Henry J., and Zick. 2,865,764.
- Heller, Donald L., to Chrysler Corp. Propeller shaft vibration absorber. 2,857,974, 10-28-58, Cl. 180-70.
- Heller, Ferdinand P.: *See*—
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- Heller, Franz, to American Type Founders Co., Inc. Web printing presses. 2,859,691, 11-11-58, Cl. 101-177.
- Heller, George L., to Columbian Carbon Co. Carbon black process. 2,851,337, 9-9-58, Cl. 23-209.4.
- Heller, George L., J. A. Watson, Jr., and C. D. Wallace, Jr., to Columbian Carbon Co. Method for generating silicon tetrafluoride. 2,861,872, 11-25-58, Cl. 23-205.
- Heller, George P., to Dit-Mco, Inc. Motion picture projection booth and lamp house ventilator. 2,821,126, 1-28-58, Cl. 98-43.
- Heller, George W., to E. I. du Pont de Nemours and Co. Electrodeposition of tetrafluoroethylene polymers. 2,820,752, 1-21-58, Cl. 204-181.
- Heller, Gerald K. System for controlling energization of D. C. motors connected to A. C. systems. 2,838,725, 6-10-58, Cl. 318-331.
- Heller, Hansjorg to The B. F. Goodrich Co. Multicomponent interpolymers of vinylidene cyanide and maleic anhydride. 2,838,476, 6-10-58, Cl. 260-78.5.
- Heller, Hansjorg, to The B. F. Goodrich Co. Process for the basic dyeing of vinylidene cyanide interpolymers. 2,848,296, 8-19-58, Cl. 8-55.
- Heller, Harold H., and G. H. Saunders, to The Dow Chemical Co. Mercury cell electrolysis of brine. 2,836,551, 5-27-58, Cl. 204-99.
- Heller Hostess-Ware, Inc.: *See*—
Heller, Jacob. 2,821,740.
- Heller, Isaac, to Robin Hood Co. Microphone. 2,819,351, 1-7-58, Cl. 179-122.
- Heller, Jacob, to Heller Hostess-Ware, Inc. Houseware articles and means to facilitate handling the same. 2,821,740, 2-4-58, Cl. 16-127.
- Heller, Lewis W., to The Babcock & Wilcox Co. Apparatus for and method of generating and superheating vapor. 2,822,784, 2-11-58, Cl. 122-31.
- Heller, Lewis W., to The Babcock & Wilcox Co. Steam generating unit with corner fired furnace and gas recirculation. 2,851,018, 9-9-58, Cl. 122-479.
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- Heller, Lewis W., to The Babcock & Wilcox Co. Steam generating and superheating and air heating unit. 2,860,610, 11-18-58, Cl. 122-1.
- Heller, Lewis W., and C. S. Smith, to The Babcock & Wilcox Co. Steam generating unit with corner fired furnace and gas recirculation. 2,860,613, 11-18-58, Cl. 122-478.
- Heller, Maximilian. Furniture back with cushion upholstery. 2,837,144, 6-3-58, Cl. 155-181.
- Heller, Paul R.: *See*—
Baudry, René A., and Heller. 2,828,428.
- Heller, Paul R., to United States of America, Atomic Energy Commission. Thrust bearing. 2,852,319, 9-16-58, Cl. 308-139.
- Heller, Peter V. M. Acceleration responsive switch. 2,849,562, 8-26-58, Cl. 200-90.
- Heller, Robert M., to Watts Electric & Mfg. Co. Apparatus for making an electrical connector. 2,825,932, 3-11-58, Cl. 18-41.
- Heller, Robert M., to Watts Electric & Mfg. Co. Free spinning nut and washer assembly with resilient sealant. 2,851,079, 9-9-58, Cl. 151-7.
- Helling, Werner: *See*—
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- Helling, Werner, to Firma Vereinigte Aluminium-Werke Akt. Electrolytic cell for producing aluminum. 2,859,160, 11-4-58, Cl. 204-67.
- Helling, Werner, H. Neunzig, and W. Nies, to Vereinigte Aluminium Werke, Akt. Aluminum treating method. 2,853,409, 9-23-58, Cl. 148-11.5.
- Hellingman, Evert: *See*—
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- Hellman, Simon M. Releasable securing means. 2,834,391, 5-13-58, Cl. 152-213.
- Hellmann, Richard J.: *See*—
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- Hellmann, Richard J., to Eastman Kodak Co. Hydrosols prepared by polymerizing two monomers in the presence of a copolymer. 2,848,434, 8-19-58, Cl. 260-45.5.
- Hellstrom, Axel G.: *See*—
Kogel, Wilhelm G., and Hellstrom. 2,842,943.
- Hellstrom, Axel G., to Aktiebolaget Elektrolux. Absorption refrigeration. 2,863,298, 12-9-58, Cl. 62-148.
- Hellstrom, Lars G.: *See*—
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- Hellwig, August. Bender for hollow conduits. 2,847,705, 8-19-58, Cl. 81-15.
- Hellwig, Emil C. Alining guides for pipe bending. 2,842,863, 7-15-58, Cl. 33-207.
- Hellyer, John T., to Robert S. Strom. Automatic hot water weigher. 2,826,389, 3-11-58, Cl. 249-2.
- Hellyer, John T., to R. S. Strom. Liquid heater and dispenser with weigher. 2,839,262, 6-17-58, Cl. 249-63.
- Helm, Herschel H.: *See*—
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- Helmer, Josef A.: *See*—
Förster, Hans J. M., and Helmer. 2,857,976.
- Helmer, Norman D., and F. H. Easton; said Easton assor. to said Helmer. Protective mouthpiece. 2,847,003, 8-12-58, Cl. 128-136.
- Helmer, Norman D., and F. H. Easton; said Helmer assor. to said Easton. Syringe structure. 2,856,925, 10-21-58, Cl. 128-218.
- Helmert, Robert, to International Standard Electric Corp. Supervisory control circuit. 2,853,600, 9-23-58, Cl. 246-134.
- Helmert, Robert, to International Standard Electric Corp. Circuit arrangement for light signals with two clear positions in track route interlocking diagrams. 2,864,940, 12-16-58, Cl. 246-3.
- Helmke, Emil A. Constant velocity universal joint. 2,841,968, 7-8-58, Cl. 64-21.
- Helming, Bernd H.: *See*—
Prüssing, Georg C., and Helming. 2,863,225.
- Helms, John F.: *See*—
Funk, Murry C., and Helms. 2,833,671.
- Helms, Vorce M. Depth gauge attachment for fishing rods. 2,833,044, 5-6-58, Cl. 33-129.
- Helper, Ben, and W. Gordon. Paint remover. 2,827,439, 3-18-58, Cl. 252-159.
- Helpy Selfy Service Systems, Inc.: *See*—
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- Helsby, Gordon W.: *See*—
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- Helsel, Dolph E., to Eugene Dietzgen Co. Range pole joint. 2,856,218, 10-14-58, Cl. 287-125.
- Helsel, Reuben H., to General Register Corp. Ticket issuing machine. 2,822,975, 2-11-58, Cl. 235-31.
- Helsel, Reuben H., and R. I. N. Weinart, to General Register Corp. Ticket issuing machine. 2,828,072, 3-25-58, Cl. 235-92.
- Helsing, Knud J.: *See*—
Williamson, John S., and Helsing. 2,851,646.
- Helsper, Robert G., to Specialties Development Corp. Time delay control device. 2,825,770, 3-4-58, Cl. 200-33.
- Helsten, Wesley A., to American Steel Foundries. Clasp brake. 2,840,191, 6-24-58, Cl. 188-33.
- Hellstrom, Herbert A., Jr., to Chance Vought Aircraft, Inc. Missile launcher device. 2,837,970, 6-10-58, Cl. 89-1.7.

- Heltzel, Carl J.: *See*—
 Heltzel, John N. and C. J. 2,839,973.
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- Helvern, James O.: *See*—
 Rike, Richard C., and Helvern. 2,826,042.
 Helvern, James O., to General Motors Corp. Actuating mechanism for a friction brake. 2,823,770, 2-18-58, Cl. 188-72.
 Helvern, James O., to General Motors Corp. Brake booster. 2,832,444, 4-29-58, Cl. 188-141.
 Helvern, James O., and R. C. Rike, to General Motors Corp. Brake booster. 2,826,276, 3-11-58, Cl. 188-152.
 Helwig, Clifford C. Fireplace front with double-fold doors. 2,841,219, 7-1-58, Cl. 160-118.
- Hemel, Albert, to International Telephone and Telegraph Corp. Relayless line circuit. 2,828,365, 3-25-58, Cl. 179-18.
- Hemel, Albert, to International Telephone and Telegraph Corp. Single-relay line circuit. 2,844,654, 7-22-58, Cl. 179-18.
- Hemel, Albert, to International Telephone and Telegraph Corp. Station-identifying call-recording telephone system. 2,848,547, 8-19-58, Cl. 179-17.
- Hemion, James R., to General Motors Corp. Hydraulic driving apparatus. 2,839,895, 6-24-58, Cl. 60-51.
- Hemfort, Heinrich: *See*—
 Steinaecker, Peter, and Hemfort. 2,828,069.
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- Hemmi, Hans: *See*—
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- Hemminger, Charles E., to Esso Research and Engineering Co. Hydroforming in two stages. 2,861,037, 11-18-58, Cl. 208-65.
- Hemminger, Charles E., H. Z. Martin, W. C. Rich, Jr., and E. J. Gornowski, to Esso Research and Engineering Co. Hydroforming process with temperature gradients. 2,847,360, 8-12-58, Cl. 196-50.
- Hempel, Gustav A.: *See*—
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- Hempel, Gustav A., to McDowell Mfg. Co. Television cone construction. 2,825,129, 3-4-58, Cl. 29-539.
- Hempel, Gustav A., to McDowell Mfg. Co. Automatic relief valve. 2,864,394, 12-16-58, Cl. 137-107.
- Hempel, Herbert: *See*—
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 Hempel, Herbert, M. Quaedvlieg, K. Hintzmann, and R. Dahmen, to Farbenfabriken Bayer Aktiengesellschaft. Surface-active agents. 2,832,795, 4-29-58, Cl. 260-458.
- Hempel, Herbert W., Sprinkler system connection for sprinkler head. 2,823,807, 2-18-58, Cl. 210-532.
- Hempel, Herbert W., to Marsh Stencil Machine Co. Tape dispenser. 2,845,266, 7-29-58, Cl. 271-24.
- Hempel, Herbert W., to Marsh Stencil Machine Co. Method of making matched sets of punches and dies for stencil cutting machines. 2,850,924, 9-9-58, Cl. 76-107.
- Hemphill, Alfred A., and J. M. Tewksbury, to Bendix Aviation Corp. Combined oscillator and balanced modulator. 2,840,712, 6-24-58, Cl. 250-36.
- Hemphill, Alfred A., and J. M. Tewksbury, to Bendix Aviation Corp. Directional antenna control system. 2,840,814, 6-24-58, Cl. 343-121.
- Hemphill, Alfred A., and J. M. Tewksbury, to Bendix Aviation Corp. Quadrantal error correcting means for magnetic antennas. 2,852,776, 9-16-58, Cl. 343-788.
- Hemphill, Alfred A., and J. M. Tewksbury, to Bendix Aviation Corp. Decade type tuning mechanism. 2,856,780, 10-21-58, Cl. 74-1045.
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 Remick, Cassius N. H. 2,852,099.
 St. Pierre, Eugene, and Wawzonek. 2,834,192.
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- Hemphill, Francis A., to Burroughs Corp. Two-way shift register. 2,863,138, 12-2-58, Cl. 340-174.
- Hemphill, Frederick A., and G. R. Kautz, to Sylvania Electric Products Inc. Cathode ray tube electrode assembly. 2,833,952, 5-6-58, Cl. 313-250.
- Hemstreet, Harold S., to Link Aviation, Inc. Night landing simulator for training aircraft operators. 2,839,840, 6-24-58, Cl. 35-12.
- Henahan, John F.: *See*—
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- Henchert, Erwin: *See*—
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- Henchert, John, to Continental Can Co., Inc. Domed top dispensing can. 2,818,997, 1-7-58, Cl. 222-143.
- Henchert, John, to Continental Can Co., Inc. Container having tear strip. 2,860,812, 11-18-58, Cl. 220-54.
- Henchert, John, to Continental Can Co., Inc. Metal can for food products. 2,864,528, 12-16-58, Cl. 220-46.
- Henchert, John, to Continental Can Co., Inc. Overcapped container top structure. 2,864,529, 12-16-58, Cl. 220-85.
- Henchert, John, to Continental Can Co., Inc. Ring structure for connecting cans in superposed relation. 2,866,571, 12-30-58, Cl. 220-2383.
- Henchert, John, to Continental Can Co., Inc. Plastic nozzle or spout mounting and method of forming same. 2,866,581, 12-30-58, Cl. 222-566.
- Henchoz, Marcel, and E. Dégallier. Vehicle headlight with movable screen. 2,834,874, 5-13-58, Cl. 240-46.07.
- Henckles, J. A., Zwillingswerk Akt.: *See*—
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- Hendee, Charles, and S. Fine, to North American Philips Co., Inc. Apparatus for calibrating energy sensitive devices. 2,837,659, 6-3-58, Cl. 250-83.6.
- Hendee, Charles F., to North American Philips Co., Inc. Radiation detector. 2,860,254, 11-11-58, Cl. 250-83.6.
- Hendee, Charles F., and S. Fine, to North American Philips Co., Inc. Methylal quence proportional counter gas filling. 2,824,991, 2-25-58, Cl. 313-93.
- Hendee, Charles F., and S. Fine, to North American Philips Co., Inc. X-ray analysis system and radiation detector for use in such system. 2,837,656, 6-3-58, Cl. 250-53.
- Hendee, Charles F., S. Fine, and J. Bleeksma, to North American Philips Co., Inc. Proportional counter tube. 2,837,677, 6-3-58, Cl. 213-93.
- Hendee, Charles F., and S. Fine, to North American Philips Co., Inc. Proportional counter tube. 2,837,678, 6-3-58, Cl. 313-93.
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- Henderson, Albert. Apparatus for making concrete structural shapes. 2,864,150, 12-16-58, Cl. 25-121.
- Henderson, Albert S., and W. L. Miller. Semi-automatic tire bead breaking machine. 2,837,147, 6-3-58, Cl. 157-128.
- Henderson, Angus D.: *See*—
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- Henderson, Charles L., and H. G. Fitzgerald, to Kimberly-Clark Corp. Non-woven web product and method of making same. 2,865,783, 12-23-58, Cl. 117-5.5.
- Henderson, Coy K. Motor vehicle speed controlling device. 2,831,546, 4-22-58, Cl. 180-82.1.
- Henderson, Cyril, and E. J. Crhak; said Henderson assor. to Smith America Corp. Speed-responsive switching devices. 2,853,571, 9-23-58, Cl. 200-61.46.
- Henderson, Edward. Hypodermic needle mount. 2,855,927, 10-14-58, Cl. 128-218.
- Henderson, Ernest L.: *See*—
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- Henderson, Frank J., to Jervis B. Webb Co. Conveyor track switch. 2,840,006, 6-24-58, Cl. 104-102.
- Henderson, Frank J., and M. Pachuta, to Jervis B. Webb Co. Pivoting plate switch for double rail conveyor tracks. 2,840,005, 6-24-58, Cl. 104-101.
- Henderson, George E., Jr.: *See*—
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- Henderson, Homer I. Combination drilling bit. 2,819,012, 1-7-58, Cl. 255-61.
- Henderson, Jack C., and G. L. Parodi, to The Upjohn Co. Bottle stoppering machine with vibratory and gravity feed. 2,826,885, 3-18-58, Cl. 53-306.
- Henderson, John J., and H. L. Montague, to American Smelting and Refining Co. Process for electrowinning zinc. 2,863,810, 12-9-58, Cl. 204-119.
- Henderson, John K., R. B. Rosene, and C. M. Stout, to The Dow Chemical Co. Method of treating wells. 2,823,753, 2-18-58, Cl. 166-20.
- Henderson, John L.: *See*—
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- Henderson, Joseph D.: *See*—
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- Henderson, Lawyer E.: *See*—
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- Henderson, Lloyd F.: *See*—
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- Henderson, Robert H. Pipe or conduit benders. 2,820,504, 1-21-58, Cl. 153-39.
- Henderson, Robert M., to Fairbanks, Morse & Co. Isolation and engine speed limit controller. 2,838,298, 6-10-58, Cl. 264-1.
- Henderson, Shelby F., Jr.: *See*—
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- Henderson, Stanford A., to Gomco Surgical Mfg. Corp. Air metering valve for ether control. 2,833,307, 5-6-58, Cl. 137-556.
- Henderson, Victor W.: *See*—
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- Henderson, Wade H. Combined grade set and level rod. 2,818,653, 1-7-58, Cl. 33-74.
- Henderson, Wayne L. R., to General Electric Co. Inductive device. 2,827,615, 3-18-58, Cl. 336-165.
- Henderson, Wayne L. R., and H. J. Proxmire, to General Electric Co. Insulating and lead anchiore means for transformers. 2,858,514, 10-28-58, Cl. 336-209.
- Henderson, William W., to United States of America, Navy. Electromagnetic radiating horn utilizing aperture loading. 2,834,960, 5-13-58, Cl. 343-786.
- Hendley, James A., to Talon, Inc. Tape for slide fasteners. 2,860,668, 11-18-58, Cl. 139-384.
- Hendlin, David, to Merck & Co., Inc. Microbial production of folinic acid. 2,824,045, 2-18-58, Cl. 195-96.
- Hendrey Relays Ltd.: *See*—
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- Hendricks, Alvin F., and R. F. Wiley, to Lynch Corp. Case loader. 2,819,576, 1-14-58, Cl. 53-166.
- Hendricks, Ernest J. Bottle opener. 2,821,101, 1-28-58, Cl. 81-3.3.

- Hendricks, George D., to Eagle Signal Corp. High gain amplifiers with interchangeable units. 2,861,137, 11-18-58, Cl. 179-171.
- Hendricks, George D., F. A. Pearson, and G. L. Rambo, to Eagle Signal Corp. Systems permitting response by only selected units of those connected to a single channel. 2,826,752, 3-11-58, Cl. 340-40.
- Hendricks, George D., F. A. Pearson, and G. L. Rambo, to Eagle Signal Corp. Replacement of a plurality of channels by a single channel. 2,832,060, 4-22-58, Cl. 340-35.
- Hendricks, George D., to Eagle Signal Corp. Apparatus for the programmed transmission of coded signals over selected wires. 2,832,071, 4-22-58, Cl. 340-357.
- Hendricks, Harris L.: *See*—
Smith, Joshua D., and Hendricks. 2,820,009.
- Hendricks, Homer D. Combination megaphone and bell. 2,818,829, 1-7-58, Cl. 116-2.
- Hendricks, Nathan R.: *See*—
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- Hendrickson, Alfred R.: *See*—
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- Hendrickson, Donald E.: *See*—
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- Hendrickson, Ellis C., to United States of America, Army. Trailing idler. 2,846,276, 8-5-58, Cl. 305-9.
- Hendrickson, John V., and G. J. Hartwick, $\frac{1}{2}$ to said Hendrickson, $\frac{1}{2}$ to R. W. Bullamore. Fifth wheel construction for force distribution between tractor and semi-trailer. 2,847,230, 8-12-58, Cl. 280-406.
- Hendrickson, Joseph M. Adjustable jaw pliers. 2,844,061, 7-22-58, Cl. 81-356.
- Hendrickson, Severin B., to Heywood-Wakefield Co. Theater seat and support combination. 2,842,187, 7-8-58, Cl. 155-163.
- Hendrickson, Thomas C.: *See*—
Kampmeyer, Preston M., and Hendrickson. 2,865,774.
- Hendrix, Gaylord. Wire winding and unwinding attachment for tractors. 2,857,117, 10-21-58, Cl. 242-86.5.
- Hendrix, Hubert L. Beam structures and method of applying tension thereto to reverse the stress therein. 2,822,068, 2-4-58, Cl. 189-37.
- Hendrix, Hurshel V., to Phillips Petroleum Co. Underground storage cavern having laterally spaced well and method thereof. 2,861,428, 11-25-58, Cl. 61-55.
- Hendrix, Ray O., to The B. F. Goodrich Co. Ground cover for rocket launching equipment. 2,858,736, 11-4-58, Cl. 89-1.
- Hendrix, William L. Aerial cable. 2,820,083, 1-14-58, Cl. 174-43.
- Hendrix, William L. Aerial cable clamp. 2,839,597, 6-17-58, Cl. 174-146.
- Hendrixson, Philip R., to E. I. du Pont de Nemours and Co. Method of applying an organic film coating by spraying. 2,861,897, 11-25-58, Cl. 117-47.
- Hendry, Adolph R. Buoyant fish lure. 2,860,440, 11-18-58, Cl. 43-42.3.
- Hendry, Elmer. Vegetable trimming machine. 2,858,866, 11-4-58, Cl. 146-81.
- Hendry, Ralph A. Mixing valve. 2,820,478, 1-21-58, Cl. 137-607.
- Hendry, Thomas A., to The Excello Paper Products Co. Paper-board collapsible drum. 2,820,584, 1-21-58, Cl. 229-5.5.
- Hene, Hermann: *See*—
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- Henecka, Hans: *See*—
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- Henehan, John F., to General Motors Corp. Retainer means for batteries and the like. 2,833,363, 5-6-58, Cl. 180-68.5.
- Heney, John F.: *See*—
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- Heney, John F., A. D. White, and D. M. Sharp, to International Telephone and Telegraph Corp. Gas discharge tube. 2,845,324, 7-29-58, Cl. 316-26.
- Hengel, Mathew C. L., and J. H. Steele, to American Cyanamid Co. Twinning or duplexing, plastic insulated wires. 2,828,234, 3-25-58, Cl. 154-2.24.
- Hengstebeck, Robert J., to Standard Oil Co. Separation of hydrogen sulfide and hydrocarbons from hydrogen streams. 2,847,361, 8-12-58, Cl. 196-50.
- Hengstebeck, Robert J., to Standard Oil Co. Process for controlling recycle hydrogen gas. 2,849,379, 8-26-58, Cl. 196-50.
- Henig, Seymour. Cradle for a missile. 2,851,235, 9-9-58, Cl. 248-119.
- Henig, Seymour, to United States of America, Commerce. Mail separator. 2,863,574, 12-9-58, Cl. 214-11.
- Henika, Richard C., N. E. Rodgers, and R. E. Miersch, to Foremost Dairies, Inc. Protein product and process. 2,826,571, 3-11-58, Cl. 260-115.
- Henisch, Heinz K., to Sylvania Electric Products Inc. Electroluminescent display device. 2,856,553, 10-14-58, Cl. 313-108.
- Henish, Heinz K., to Sylvania Electric Products Inc. Method and device for measuring semiconductor parameters. 2,859,407, 11-4-58, Cl. 324-158.
- Henke, Alfred M., V. N. Hurd, and R. E. Peterson, to Gulf Research & Development Co. Purification of isoprene. 2,851,505, 9-9-58, Cl. 260-681.5.
- Henke, Alfred M., and A. E. Somers, to Gulf Research & Development Co. Process and apparatus for selective adsorption. 2,863,829, 12-9-58, Cl. 210-26.
- Henke, Burton L., to California Institute of Technology. Low angle X-ray diffraction. 2,831,977, 4-22-58, Cl. 250-53.
- Henke, Georg, to Firma Westfalenhütte Akt. Method of producing steel. 2,836,489, 5-27-58, Cl. 75-58.
- Henke, Russell W., to Badger Meter Mfg. Co. Proportioning feeder. 2,837,105, 6-3-58, Cl. 137-99.
- Henkel & Cie G. m. b. H.: *See*—
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- Henkel, Edward J., to Bear Archery Co. Arrowhead. 2,829,894, 4-8-58, Cl. 273-106.5.
- Henkel, Erich: *See*—
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- Henkel, Harvey L., to Herring-Hall-Marvin Safe Co. Automatic door system. 2,865,629, 12-23-58, Cl. 268-66.
- Henkelman, William S. Vehicle counters. 2,829,832, 4-8-58, Cl. 235-99.
- Henkels, Herbert W., to Westinghouse Electric Corp. Power transistor. 2,858,489, 10-28-58, Cl. 317-235.
- Henle, Robert A., to International Business Machines Corp. Switching network. 2,825,889, 3-4-58, Cl. 340-166.
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- Henle, Robert A., and R. W. Emery, to International Business Machines Corp. Electric circuits including non-linear impedance elements. 2,852,700, 9-16-58, Cl. 307-88.5.
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- Henley, Robert H.: *See*—
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- Henn, Richard W., and J. I. Crabtree, to Eastman Kodak Co. Photographic washing accelerators. 2,860,978, 11-18-58, Cl. 96-61.
- Henne, Albert L., and V. A. Williamitis, to General Motors Corp. Refrigeration composition. 2,852,470, 9-16-58, Cl. 252-68.
- Henneberry, Hugh M. Flying toy. 2,850,838, 9-9-58, Cl. 46-81.
- Hennecke, Hermann: *See*—
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- Hennecke, Rudolph, to Daimler-Benz Akt. Device for balancing vehicle road wheels. 2,847,250, 8-12-58, Cl. 301-5.
- Hennes, John H., and D. G. Kundiger, to The Dow Chemical Co. 1,3-dioxan-6-ones. 2,854,460, 9-30-58, Cl. 260-340.2.
- Hennessey, William F., to Boyle Machine & Supply Co., Inc. Self-cleaning conveyor. 2,846,975, 8-12-58, Cl. 118-324.
- Hennessey, William M., to Burroughs Corp. Core matrix assembly. 2,846,672, 8-5-58, Cl. 340-174.
- Hennessey, William P., to Brown's Beach Jacket Co. Pocket construction for hunting coat. 2,865,025, 12-23-58, Cl. 2-94.
- Hennessey, Carroll A., to Lamson Corp. Carrier routing devices for pneumatic conveyor systems. 2,865,578, 12-23-58, Cl. 243-16.
- Hennessey, Douglas J., and R. J. Moshy, to American Lecithin Co., Inc. Processes of phosphorylating phosphatides and products thereof. 2,839,545, 6-17-58, Cl. 260-403.
- Hennessey, Douglas J., and E. E. Kupstas, to American Lecithin Co., Inc. Processing of phosphatides. 2,855,416, 10-7-58, Cl. 260-403.
- Hennessey, James J., to Hennessey Lubricator Co., Inc. Railway axle journal lubricator. 2,827,341, 3-18-58, Cl. 308-84.
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- Hennessey, John F. Dispensing holder for bar soap. 2,818,674, 1-7-58, Cl. 45-28.
- Hennessey, John L., Jr.: *See*—
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- Hennessy, Leroy J.: *See*—
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- Hennessy Lubricator Co., Inc.: *See*—
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- Hennies, Stuart R.: *See*—
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- Hennies, Stuart R., and J. A. Brown, to Varian Associates.
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- Hennig, Fritz: *See*—
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- Hennig, Karlheinz: *See*—
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- Hennig, Paul W., and E. K. Richter, to VEB Zeiss Ikon. Reflex cameras. 2,862,429, 12-2-58, Cl. 95-42.
- Hennig, Victor E. O. Concrete form tie-tensioning means. 2,859,503, 11-11-58, Cl. 25-131.
- Hennig, Frederick R., to Gilman Engineering & Mfg. Corp. Parts feeder ribbon. 2,823,789, 2-18-58, Cl. 198-131.
- Hennig, George E., to Western Electric Co., Inc. Methods of producing cellular plastics. 2,835,927, 5-27-58, Cl. 18-59.
- Hennig, George E., to Western Electric Co., Inc. Methods of and apparatus for making cellular plastic products. 2,848,739, 8-26-58, Cl. 18-12.
- Hennig, George E., to Western Electric Co., Inc. Apparatus for coiling filamentary material. 2,849,194, 8-26-58, Cl. 242-82.
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- Hennig, Otto, to ACF Industries, Inc. Two-stage carburetor. 2,832,576, 4-29-58, Cl. 261-23.
- Hennig, William W.: *See*—
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- Hennig, Wolfgang. Fastening-clamp. 2,865,077, 12-23-58, Cl. 24-280.
- Henninger, Andrew F. Flashtube mounting structure. 2,825,795, 3-4-58, Cl. 240-1.3.
- Hennings, Werner: *See*—
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- Henningsen, Elfar A.: *See*—
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- Henrichs, Bernard W., to Hartwell Aviation Supply Co. Externally sealed flush latch operating mechanism. 2,833,582, 5-6-58, Cl. 292-336.3.
- Henrichsen, Knud, F. L. Smith & Co. Combined kiln and cooler. 2,845,259, 7-29-58, Cl. 263-32.
- Henrici, Carl R., and J. P. Shanklin, to Collins Radio Co. Counter measure system. 2,862,204, 11-25-58, Cl. 343-100.
- Henrici, Fritz W. A. Liquid level control for laundry wheels and the like. 2,820,357, 1-21-58, Cl. 68-12.
- Henricks, John A., to Dexco Corp. Method of descaling metals with molten alkali metal hydroxide baths and compositions therefor. 2,823,150, 2-11-58, Cl. 148-6.11.
- Henricks, John A., to Dexco Corp. Method of applying sulfide coating on wires for drawing and composition therefor. 2,844,497, 7-22-58, Cl. 148-6.24.
- Henrickson, Angus V., to United States of America, Atomic Energy Commission. Method of preparing metal halides. 2,860,950, 11-18-58, Cl. 23-14.5.
- Henrickson, Russell M.: *See*—
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- Henrikson, Bror W.: *See*—
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- Henrikson, Bror W., A. C. Hoven, and W. E. Nordmark, to American Seating Co. Chair back construction. 2,847,062, 8-12-58, Cl. 155-191.
- Henrikson, Norma M. Mitten. 2,836,828, 6-3-58, Cl. 2-158.
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- Henrikson, Thor O., and R. A. Magnuson, to Pacific Car and Foundry Co. Hydraulic draft gears. 2,841,294, 7-1-58, Cl. 213-43.
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- Henry, Augustus P., to Kelsey-Hayes Co. Valve controlled hydraulic actuating device. 2,832,317, 4-29-58, Cl. 121-41.
- Henry, Bessie D.: *See*—
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- Henry, Donald J.: *See*—
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- Henry, Donald P.: *See*—
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- Henry, Elliott A., to Sperry Products, Inc. Ultrasonic wave train generator. 2,842,959, 7-15-58, Cl. 73-67.8.
- Henry, Elliott A., to Sperry Products, Inc. Electronic counter circuits. 2,851,599, 9-9-58, Cl. 250-27.
- Henry, George E., to General Electric Co. Acoustic radiation force measuring device. 2,827,978, 3-25-58, Cl. 181-5.
- Henry, George E., to General Electric Co. Method and apparatus for ultrasonic cleansing. 2,828,231, 3-25-58, Cl. 134-1.
- Henry, Georges, and E. Bricbard, to Union des Verreries Mecaniques Belges S. A. Apparatus for feeding glass composition to glass melting furnaces. 2,829,784, 4-8-58, Cl. 214-18.
- Henry, Gerard A. Adjustable flask or jacket. 2,851,751, 9-16-58, Cl. 22-100.
- Henry, Glenn C. Portable lectern or the like. 2,844,347, 7-22-58, Cl. 248-198.
- Henry, Guy J., deceased; The Northern Trust Co. and B. D. Henry, executors, to Henry Valve Co., Inc. Ball type swivel valve seat. 2,848,187, 8-19-58, Cl. 251-85.
- Henry, Joseph B.: *See*—
 Bartley, Lloyd S., Henry, Miller, and Shahan. 2,837,870.
- Henry, Kenneth M., and H. B. Vincent, to Owens-Illinois Glass Co. Application of vitreous sealant to glass sealing edges. 2,819,561, 1-14-58, Cl. 49-81.
- Henry, Kenneth M., and H. B. Vincent, to Owens-Illinois Glass Co. Mountings for picture tube grids. 2,821,644, 1-28-58, Cl. 313-78.
- Henry, L. V. Anti-iceze gauge for automobile motors. 2,837,922, 6-10-58, Cl. 73-453.
- Henry, Louis. Positive locking spout for sealed cans. 2,845,201, 7-29-58, Cl. 222-89.
- Henry Mfg. Co., Inc.: *See*—
 Harms, Harold H. 2,861,688.
- Henry, Robert L., Jr., to United States of America, Navy. Wafer gager. 2,843,263, 7-15-58, Cl. 209-104.
- Henry, Robert S.: *See*—
 Angelica, Nicholas J., and Henry. 2,824,322.
- Henry Valve Co., Inc.: *See*—
 Henry, Guy J. 2,848,187.
- Henry, William F. Pipe puller. 2,823,065, 2-11-58, Cl. 294-94.
- Henry, William M., to The Dow Chemical Co. Dispensing carton for rolled sheet material. 2,825,451, 3-4-58, Cl. 206-58.
- Henschel & Sohn G. m. b. H.: *See*—
 Klandy, Peter A. 2,828,431.
- Henschke, Ulrich K. Apparatus for the radioactive treatment of animals. 2,829,636, 4-8-58, Cl. 128-1.2.
- Hensel, Erich. Bolt lock. 2,841,974, 7-8-58, Cl. 70-134.
- Hensel, Erich. Bed construction. 2,854,675, 10-7-58, Cl. 5-303.
- Hensel, Hans R.: *See*—
 Spaenig, Hermann, and Hensel. 2,820,778.
- Henseleit, Georg, to Koppers Co., Inc. Apparatus for releasing coke oven doors. 2,823,939, 2-18-58, Cl. 292-1.
- Hensgen, Bernard T., and W. H. Beland, to Swift & Co. Apparatus for the mechanical cheddaring of cheese. 2,846,767, 8-12-58, Cl. 31-48.
- Henshall, Arthur H., to Desmo Ltd. Exterior driving rear view mirror fitting for vehicles. 2,854,893, 10-7-58, Cl. 88-98.
- Hensley, Douglas L., to Deere Mfg. Co. Flexible screen bottom for cotton strippers. 2,831,565, 4-22-58, Cl. 198-82.
- Hensley, Robert K., Jr. Key and coin combination lock. 2,840,215, 6-24-58, Cl. 194-92.
- Hensley, William H.: *See*—
 Lambrecht, Joseph A., and Hensley. 2,843,518.
- Hensoldt, Hans M. Universal measuring indicator. 2,865,104, 12-23-58, Cl. 33-1.
- Henson, Kenneth L.: *See*—
 Weber, Carl, and Henson. 2,841,325.
- Henson, Richard A., to Fairchild Engine and Airplane Corp. Reverse thrust landing control for aircraft. 2,823,878, 2-18-58, Cl. 244-81.
- Henson, Walter A.: *See*—
 Peterson, Norman R., Henson, and Churchfield. 2,830,961.
- Hentosh, Wassil T. Wrench for turning heavily coated fasteners. 2,864,273, 12-16-58, Cl. 81-121.
- Hentschel, Friedrich: *See*—
 Querengasser, Hugo, Wild, Bronstert, Sindel, and Hentschel. 2,842,608.
- Hentschel, Robert A. A., to E. I. du Pont de Nemours and Co. Method and apparatus for crimping and relaxing filaments. 2,865,080, 12-23-58, Cl. 28-1.
- Henze, Henry L.: *See*—
 Spiess, Newton E., Jr., and Henze. 2,856,104.
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- Henze Instrument and Valve Inc.: *See*—
 Bising, James M. 2,831,492.
 Peragallo, Ferdinand L. 2,848,896.
- Hepburn, William M.: *See*—
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- Hepher, Martin, to Eastman Kodak Co. Light sensitive diazo compound and binder composition. 2,848,328, 8-19-58, Cl. 96-91.

- Hepher, Martin, and H. M. Wagner, to Eastman Kodak Co. Azide resin photolithographic composition. 2,852,379, 9-16-58, Cl. 96-91.
- Heppinstall, Robert E. Sea elevator. 2,854,154, 9-30-58, Cl. 214-14.
- Heppler, Donald L. to Sharon Steel Corp. Sealing tool construction. 2,855,813, 10-14-58, Cl. 81-9.1.
- Hepp, Harold J.: *See*—
Frey, Frederick E., and Hepp. 2,851,339.
Ray, Gardner C., and Hepp. 2,863,858.
- Hepp, Harold J., to Phillips Petroleum Co. Pebble heater process and apparatus. 2,837,586, 6-3-58, Cl. 260-679.
- Hepp, Rudolf. Device for conveying folded or non-folded sheets. 2,830,813, 4-15-58, Cl. 271-29.
- Heppenstall Co.: *See*—
Anderson, John R., and Janoff. 2,823,944.
Fischer, Fritz. 2,857,195.
Heppenstall, Max R. 2,857,193.
Kendall, Edgar H. 2,821,318.
- Heppenstall, Max R., to Heppenstall Co. Tongs. 2,857,193, 10-21-58, Cl. 294-67.
- Heppenstall, Samuel B., Jr., and A. J. Grime, to American Forge and Mfg. Co. Protective structure for lifting tongs. 2,830,842, 4-15-58, Cl. 294-104.
- Heppner, Elmore A., to Heppner Sales Co. Magnetic device. 2,862,752, 12-2-58, Cl. 292-251.5.
- Heppner Mfg. Co.: *See*—
Heppner, Myron R. 2,825,835.
Heppner, Myron R. 2,847,601.
- Heppner, Myron R., to Heppner Mfg. Co. Beam positioning device. 2,825,835, 3-4-58, Cl. 313-77.
- Heppner, Myron R., to Heppner Mfg. Co. Ion trap and method of making same. 2,847,601, 8-12-58, Cl. 313-84.
- Heppner Sales Co.: *See*—
Heppner, Elmore A. 2,862,752.
- Hepting, Carl, to Firma Carl Hepting & Co., Lederwaren- und Gutfabrik G. m. b. H. Carrying case for cameras. 2,827,095, 3-18-58, Cl. 150-52.
- Hepworth, Walter: *See*—
Birtwell, Stanley, Hepworth, and Stacey. 2,830,052.
- Hepworth, Walter, to Imperial Chemical Industries Ltd. New pyrimidine derivatives. 2,830,054, 4-8-58, Cl. 260-256.4.
- Heraeus, W. C. G. m. b. H.: *See*—
Bock, Wilhelm. 2,839,238.
Bredereck, Tellmut, and Bäder. 2,846,418.
Grube, Hans L. 2,855,770.
Gruber, Helmut. 2,865,203.
Mohn, Heinrich. 2,837,469.
Ruthardt, Konrad. 2,832,710.
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- Herald, Leon S. Fountain pen nail file. 2,841,156, 7-1-58, Cl. 132-73.5.
- Heran, Robert F., Sr., to The Pioneer Mfg. Co. Mildew resistant paint composition. 2,837,435, 6-3-58, Cl. 106-18.
- Herb, Raymond G., to Wisconsin Alumni Research Foundation, Pump. 2,850,225, 9-2-58, Cl. 230-69.
- Herbenar, Edward J., to Thompson Products, Inc. Vehicle suspension and pivot assembly therefor. 2,827,303, 3-18-58, Cl. 280-96.2.
- Herbenar, Edward J., to Thompson Products, Inc. Selector valve. 2,830,767, 4-15-58, Cl. 236-99.
- Herbenar, Edward J., to Thompson Products, Inc. Clutch drive unit and control system. 2,840,316, 6-24-58, Cl. 236-35.
- Herbenar, Edward J., to Thompson Products, Inc. Thermo-sensitive pump. 2,845,869, 8-5-58, Cl. 103-97.
- Herbenar, Edward J., to Thompson Products, Inc. Permanently lubricated resilient connector for steering linkages. 2,816,251, 5-5-58, Cl. 287-85.
- Herbenar, Edward J., to Thompson Products, Inc. Power steering system of the hydraulic type. 2,848,056, 8-19-58, Cl. 180-79.2.
- Herbenar, Edward J., to Thompson Products, Inc. Power steering apparatus. 2,849,888, 9-2-58, Cl. 74-388.
- Herbenar, Edward J., and T. R. Hoopes, to Thompson Products, Inc. Impregnated bearing metal joint. 2,846,252, 8-5-58, Cl. 287-90.
- Herbener, Henry M. Folder and pocket constructions. 2,863,484, 12-9-58, Cl. 150-35.
- Herbener, Henry M. Billfolders. 2,863,485, 12-9-58, Cl. 150-35.
- Herbener, Henry M. Billfolder. 2,863,486, 12-9-58, Cl. 150-35.
- Herbert, Charles C. Mechanical door opening mechanism for garages. 2,822,166, 2-4-58, Cl. 268-59.
- Herbert Co., The: *See*—
Kuefner, Herbert H. 2,835,994.
- Herbert, Jerome A. and J. W. Design printing device. 2,835,196, 5-20-58, Cl. 101-333.
- Herbert, John M., to The Plessey Co. Ltd. Magnetostrictive transducer elements. 2,847,588, 8-12-58, Cl. 310-26.
- Herbert, John M., and A. W. Simpson, to The Plessey Co. Ltd. Production of magnetic material for use in computers or magnetic memory systems. 2,825,046, 2-25-58, Cl. 340-174.
- Herbert, Joseph W.: *See*—
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- Herbert, Thomas A., Jr.: *See*—
Griffith, Charles G., and Herbert. 2,855,664.
- Herbert, William C., Jr. Static eliminators. 2,866,923, 12-30-58, Cl. 317-2.
- Herbert, Wilhelm, H. Kohrt, R. Becker, and F. Danulat (deceased); H. G., I., H. F., and D. Danulat, administrators, to Metallgesellschaft, Akt. Process for the purification of gases. 2,863,527, 12-9-58, Cl. 183-115.
- Herbes, William F.: *See*—
Polansky, Raymond, and Herbes. 2,854,437.
Polansky, Raymond, and Herbes. 2,859,206.
Vartanian, Richard D., and Herbes. 2,863,788.
- Herbig, James A.: *See*—
Salyer, Ival O., and Herbig. 2,834,749.
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Salyer, Ival O., Herbig, and Dazzi. 2,824,846.
- Herbold, Robert J., to L. M. Hughes. Electronic apparatus for stabilizing the attitude of moving craft and instruments carried thereby. 2,828,930, 4-1-58, Cl. 244-77.
- Herbrecht, René: *See*—
Polard, Jean, and Herbrecht. 2,819,514.
- Herbruggen, Heinrich J. B., to Archer-Daniels-Midland Co. Sand blowing apparatus for making molds. 2,839,799, 6-24-58, Cl. 22-36.
- Herbst, Clarence L., and C. J. Wacker, to Northern Pump Co. Apparatus for demodulating a signal. 2,822,468, 2-4-58, Cl. 250-27.
- Herbst, David R.: *See*—
Doub, Leonard, and Herbst. 2,820,039.
- Herbst, Edward J., to The Singer Mfg. Co. Bobbin-winder thread spool pins for sewing machines. 2,828,706, 4-1-58, Cl. 112-218.
- Herbst, Edward J., to The Singer Mfg. Co. Feeding mechanisms for sewing machines. 2,838,018, 6-10-58, Cl. 112-210.
- Herbst, Edward J., to The Singer Mfg. Co. Thread tension device for sewing machines. 2,843,336, 7-15-58, Cl. 242-150.
- Herbst, Edward J., to The Singer Mfg. Co. Feeding mechanisms for sewing machines. 2,846,965, 8-12-58, Cl. 112-210.
- Herbst, John A.: *See*—
Clynes, Marcel, and Herbst. 2,865,318.
- Herbst, Philip J., to Radio Corp. of America. Color signal display system for teleran or the like. 2,819,336, 1-7-58, Cl. 178-6.8.
- Herbst, Ralph L., Jr., and B. F. Landrum, to Minnesota Mining and Mfg. Co. Cross-linked perhalogenated dicarboxylic acids and method of preparation thereof. 2,842,524, 7-8-58, Cl. 260-77.5.
- Herbst, Ralph L., Jr., and B. F. Landrum, to Minnesota Mining and Mfg. Co. Polymerization of fluorine-containing ethylenically unsaturated compounds. 2,842,528, 7-8-58, Cl. 260-87.5.
- Herbst, Walter J. Hoisting apparatus. 2,860,002, 11-11-58, Cl. 294-81.
- Herbst, Wolfgang, and C. Blomeke, to Licentia Patent-Verwaltungs-G. m. b. H. High voltage testing apparatus. 2,866,151, 12-23-58, Cl. 324-28.
- Herbster, George B., to Herbster-Schmiller, Inc. Combination heat exchange head and combustion chamber. 2,823,658, 2-18-58, Cl. 126-91.
- Herbster, George B. Cigarette holder. 2,848,000, 8-19-58, Cl. 131-207.
- Herbster-Schmiller, Inc.: *See*—
Herbster, George B. 2,823,658.
- Herick, Lad L. Rotatable threaded element operative to reciprocate collapsing means for collapsible thread chasers in a die head. 2,825,913, 3-11-58, Cl. 10-95.
- Herick, Lad L. Work table support. 2,828,589, 4-1-58, Cl. 51-240.
- Herick, Lad L. Bevel closing die head having replaceable 10-21-58, Cl. 78-99.
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- Hercules, Christopher D. Smoking pipe. 2,864,382, 12-16-58, Cl. 131-194.
- Hercules, Lester A., to Frank Adam Electric Co. Mounting back for electrical switching devices. 2,862,995, 12-2-58, Cl. 174-99.
- Hercules, Lester A., to Frank Adam Electric Co. Switch assemblies. 2,863,016, 12-2-58, Cl. 200-67.
- Hercules Powder Co.: *See*—
Bankert, Ralph A., and Ropp. 2,822,353.
Batdorf, Jack B. 2,864,810.
Batdorf, Jack B. 2,865,353.
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Borel, Eric A., and Cotton. 2,861,061.
Borel, Eric A., and Cotton. 2,861,062.
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Breslow, David S. 2,827,446.
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Conner, Joshua C., Jr., and Enos. 2,862,858.
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Crocker, Henry P., and Hall. 2,864,869.
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 Enos, Herman I., Jr. 2,864,874.
 Pilar, Leo J. 2,862,857.
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 Glasebrook, Arthur L. 2,846,476.
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 Goreau, Theodore N. 2,862,938.
 Goreau, Theodore N. 2,862,961.
 Harris, Edwin A., and Schilling. 2,827,480.
 Howard, Edwin C. 2,846,429.
 Hulse, George E., and Matlack. 2,826,560.
 Ivett, Reginald W. 2,826,570.
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 Keen, Robert T. 2,848,487.
 Keim, Gerald I. 2,826,500.
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 Phillips, Herman G., Jr. 2,857,314.
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 Pieper, Josef H. F., and Stauch. 2,852,561.
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 Sanderson, Thomas F., and Subluskey. 2,854,478.
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 Stuart, Joseph, II. 2,840,303.
 Taves, Milton A. 2,829,156.
 Thompson, Bernard H. M. 2,856,433.
 Turner, Harry W. 2,836,590.
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 Voris, Robert S. 2,843,582.
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 Webster, William, and Young. 2,831,868.
 Weisgerber, Cyrus A. 2,839,516.
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 Woldy, Winfred E. 2,829,158.
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 Herdklotz, Earl W., to A & E Tool and Gage Co. (Inc.). Combination shipping container board and display board for toy airplanes and the like. 2,838,166, 6-10-58, Cl. 206—45.19.
 Herdlitchka, James W. Cigar box humidifier. 2,860,023, 11-11-58, Cl. 312—31.1.
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 Herell, Georges J. B. V., and W. J. Jakimiuk, to Sud Aviation Societe Nationale de Constructions Aeronautiques. Braking device for vehicles moving over natural ground. 2,856,029, 10-14-58, Cl. 188—6.
 Hereld, Peter C., to Chemo Puro Mfg. Corp. Anthelmintic piperazine-phosphoric acid compositions and method of combatting helminth infestations therewith. 2,850,426, 9-2-58, Cl. 167—55.
 Herengrother, Rudolf C., to Raytheon Mfg. Co. Tuning means for reflex klystrons. 2,843,794, 7-15-58, Cl. 315—5.22.
 Herider, Elmer A.: *See*—
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 Herider, Elmer A., and K. Pitts, to Rockwell Spring and Axle Co. Seat latching mechanism. 2,827,951, 3-25-58, Cl. 155—160.
 Herider, Elmer A., and J. Cumming, to Rockwell Spring and Axle Co. Seat support. 2,834,396, 5-13-58, Cl. 155—14.
 Herider, Elmer A., and H. A. Friesen, to Rockwell-Standard Corp. Adjustable back rest construction. 2,853,121, 9-23-58, Cl. 155—152.
 Herider, Elmer A., and K. Pitts, to Rockwell-Standard Corp. Spring seat structure and method of assembly. 2,856,988, 10-21-58, Cl. 155—179.
 Hering, Karl W., and R. F. Kane, Jr., to The Perkin-Elmer Corp. Voltage comparator. 2,857,568, 10-21-58, Cl. 324—99.
 Herion, Erich. Solenoid arrangements. 2,853,659, 9-23-58, Cl. 317—191.
 Herkimer, Harold, to The Raisler Corp. Accelerators for dry pipe valves in automatic sprinkler systems. 2,822,052, 2-4-58, Cl. 169—19.
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 Herlehy, Frank J. Railroad track lining machine. Re. 24,564, 11-11-58, Cl. 104—8.
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 Herman, Albert D.: *See*—
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Herman, Albert D. V-band clamp with integral strengthening ribs. 2,834,087, 5-13-58, Cl. 24—279.
 Herman, Charles B., to Eosso Research and Engineering Co. Heavy oil conversion process. 2,859,169, 11-4-58, Cl. 208—59.
 Herman, Daniel, to M. A. Coler. Vibratory coating apparatus. 2,825,299, 3-4-58, Cl. 118—417.
 Herman, Daniel F.: *See*—
 Beacham, Harry H., and Herman. 2,824,115.
 Herman, Emil A.: *See*—
 Rydberg, Rudolf C., and Herman. 2,820,223.
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 Herman, Frieda, and M. Rossi. Cream cheese holder and spreader. 2,840,907, 7-1-58, Cl. 31—20.
 Herman, Harold: *See*—
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 Herman, John. Ventilator for non-porous fabric structures. 2,839,986, 6-24-58, Cl. 98—37.
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 Hermann, Richard C., to Western Electric Co., Inc. Grap-
 ples. 2,842,391, 7-8-58, Cl. 294—67.
 Hermanns, Frederick R., to The Singer Mfg. Co. Adjustable treadles for sewing machines. 2,834,222, 5-13-58, Cl. 74—561.
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 Hermans, Fernand V. F. Tunnel furnace for heat treating objects. 2,840,361, 6-24-58, Cl. 263—8.
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 Hermanson, William A., and G. I. Porous paper powder puff package. 2,852,795, 9-23-58, Cl. 15—131.1.
 Hermanson, William A., and G. I. Mouldable absorbent material. 2,864,362, 12-16-58, Cl. 128—156.
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 Hermes, Dale J., to Stampings, Inc. Power trencher. 2,835,055, 5-20-58, Cl. 37—86.
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 Hermes, Willem, to North American Philips Co., Inc. Stabilized feedback oscillator. 2,820,144, 1-14-58, Cl. 250—26.
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 Hernqvist, Karl G., to Radio Corp. of America. Electrically tunable oscillator. 2,859,315, 11-4-58, Cl. 250—36.
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 Herod, Henry N. Musical instrument. 2,823,571, 2-18-58, Cl. 81—384.
 Herold, Edward W., to Radio Corp. of America. Magnetron. 2,819,449, 1-7-58, Cl. 332—5.
 Herold, Edward W., to Radio Corp. of America. Frequency converter using four-zone transistor as oscillator-mixer. 2,851,594, 9-9-58, Cl. 250—20.
 Herold, Edward W., to Radio Corp. of America. Dual channel transistor amplifier. 2,853,603, 9-23-58, Cl. 250—20.
 Herold, Paul G., to Radio Corp. of America. Cathodoluminescent phosphors and devices. 2,845,564, 7-29-58, Cl. 313—92.
 Heron, Victor: *See*—
 Heftler, Paul. 2,840,385.

- Herr, Charles H., Jr., to Allis-Chalmers Mfg. Co. Shaft mounting for roller on tracked vehicle. 2,834,639, 5-13-58, Cl. 305-1.
- Herr Equipment Corp. The; *See*—
Herr, Richard F. 2,819,070.
Herr, Richard F. 2,837,159.
- Herr, Erwin A., to General Electric Co. Rectifier grading apparatus. 2,849,682, 8-26-58, Cl. 324-158.
- Herr, Gerhard, and W. O. Treber, to Gebrüder Happich-G. m. b. H. Padded material construction for sun visor. 2,844,200, 7-22-58, Cl. 160-354.
- Herr, Gerhard, and W. O. Treber, to Gebrüder Happich-G. m. b. H. Sun visor mounting means. 2,844,406, 7-22-58, Cl. 296-97.
- Herr, Gerhard, and K. Czipschirsch, to Gebrüder Happich-Gesellschaft mit beschränkter Haftung. Rear view mirror mounting structure. 2,860,545, 11-18-58, Cl. 88-98.
- Herr, John A.; *See*—
Turner, Edgar P., and Herr. 2,844,773.
- Herr, John D., and D. W. Meunt. Lubricator for journal boxes. 2,856,241, 10-14-58, Cl. 308-85.
- Herr, Joseph S. Mixing apparatus for feeds and the like. 2,845,255, 7-29-58, Cl. 259-6.
- Herr, Jules; *See*—
Hoffmann, Karl, and Herr. 2,838,516.
- Herr Mfg. Co., Inc.; *See*—
Atwood, Hyatt B. 2,840,981.
- Herr Milton E.; *See*—
Pederson, Raymond L., Herr, Babcock, Campbell, and Hogg. 2,838,492.
- Herr, Milton E., to The Upjohn Co. 9,11 β -epoxy-17-alkyltestosterones. 2,837,517, 6-3-58, Cl. 260-239.55.
- Herr, Milton E., to The Upjohn Co. 17 β -hydroxy-17 α -methyl-9(11)-androstene-3-one. 2,838,494, 6-10-58, Cl. 260-289.57.
- Herr, Milton E., to The Upjohn Co. 11 β ,17 β -dihydroxy-17 α -methylandrostane-3-ones. 2,842,570, 7-8-58, Cl. 260-397.45.
- Herr, Milton E., to The Upjohn Co. 17 α -methyl-androstane 3,11 β , 17 β -triol compounds. 2,861,087, 11-18-58, Cl. 260-397.5.
- Herr, Milton E., J. C. Babcock, J. A. Campbell, J. A. Hogg, and R. L. Pederson, to The Upjohn Co. 6-fluoro steroids. 2,838,491, 6-10-58, Cl. 260-239.5.
- Herr, Milton E., J. C. Babcock, J. A. Campbell, J. A. Hogg, and R. L. Pederson, to The Upjohn Co. 6-fluoro steroids. 2,838,503, 6-10-58, Cl. 260-239.55.
- Herr, Milton E., J. C. Babcock, J. A. Campbell, J. A. Hogg, and R. L. Pederson, to The Upjohn Co. 6-fluoro-17 α -alkynyl-4-androstenes. 2,838,549, 6-10-58, Cl. 260-397.45.
- Herr, Milton E., and G. B. Spero, to The Upjohn Co. Organic compounds and process. 2,842,572, 7-8-58, Cl. 260-397.45.
- Herr, Milton E., and G. B. Spero, to The Upjohn Co. 6 α -methyl 17 alkyl 9 α fluoro 11 oxygenated 17 β hydroxy-4-androstene-3-one compounds and process. 2,842,573, 7-8-58, Cl. 260-397.45.
- Herr, Milton E., and G. B. Spero, to The Upjohn Co. 6-methyl- Δ^4 ,3-keto androstene derivatives. 2,849,464, 8-26-58, Cl. 260-397.45.
- Herr, Richard F., to The Herr Equipment Corp. Mechanical movement particularly for feed apparatus. 2,819,070, 1-7-58, Cl. 271-2.4.
- Herr, Richard F., to The Herr Equipment Corp. Methods of and apparatus for cutting strip material. 2,837,159, 6-3-58, Cl. 164-49.
- Herr, Robert, to Minnesota Mining & Mfg. Co. Method and apparatus for the selective erasure of undesired transferred signals in magnetic recording. 2,861,133, 11-18-58, Cl. 179-100.2.
- Herr, Warren E.; *See*—
Schmidlin, Albertus B., Herr. 2,827,227.
- Herrald, Arthur H. E.; *See*—
Ferre, Maurice C., and Herrald. 2,824,279.
- Herrault, Andre C.; *See*—
Meltzer, Ezra, and Herrault. 2,820,999.
- Herron, Wilson T., and D. G. Fawkes, to Henry Pratt Co. Butterfly valve. 2,853,267, 9-23-58, Cl. 251-175.
- Herrera, Fernando; *See*—
Dalman, Cecilio M. 2,862,773.
- Herron, Schuyler A., and T. K. Redden, to Allegheny Ludlum Steel Corp. Method of aging titanium base alloys. 2,819,194, 1-7-58, Cl. 148-21.90.
- Herrey, Hermann. Lamp shade. 2,841,696, 7-1-58, Cl. 240-168.
- Herrick, Clifford E., Jr., to General Aniline & Film Corp. Arylguanidine arenediazosulfonates. 2,861,065, 11-18-58, Cl. 260-141.
- Herrick, Clifford E., Jr., and A. H. Balk, to General Aniline & Film Corp. Negative working diazo sulfonate foils. 2,854,338, 9-30-58, Cl. 96-75.
- Herrick, Franklin W.; *See*—
Anderson, James K., Herrick, and Gray. 2,845,450.
- Herrick, Franklin W., and L. H. Boek, to Rayonier Inc. Alkaline bark extraction and product. 2,819,295, 1-7-58, Cl. 260-473.6.
- Herrick, Robert E. Ribbon holder. 2,847,773, 8-19-58, Cl. 40-1.5.
- Herrick, William W., and J. J. Kennedy. Grass separating and drying machine. 2,825,980, 3-11-58, Cl. 34-131.
- Herring, Frederick G., to Hazeltine Research, Inc. Transistor reactance device. 2,844,795, 7-22-58, Cl. 332-16.
- Herring-Hall-Marvin Safe Co.; *See*—
Catterall, John B. 2,852,929.
Henkel, Harvey L. 2,865,629.
- Herring, Helen L.; *See*—
Herring, Wayland F. 2,856,252.
- Herring, John W. Flashing arrangement. 2,822,761, 2-11-58, Cl. 108-26.
- Herring, Matthew M., to Aircraftman, Inc. Empennage stand for aircraft. 2,828,166, 3-25-58, Cl. 304-29.
- Herring, Wayland F., deceased; H. L. Herring, executrix. Desk. 2,856,252, 10-14-58, Cl. 312-194.
- Herrington, Lovie P.; *See*—
Okoomian, Howard J., and Herrington. 2,840,500.
- Herrriott, James R. Toilet deodorizer. 2,846,696, 8-12-58, Cl. 4-213.
- Herrle, Karl, H. Fikentscher, and H. P. Siebel, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Copolymerization of vinyl ethers. 2,825,719, 3-4-58, Cl. 260-80.3.
- Herrmann, Alvin G., deceased; A. A. Herrmann, administratrix, to Contemporary Machine Designers, Inc. Wrapper-applying apparatus. 2,853,839, 9-30-58, Cl. 53-32.
- Herrmann, Anna A.; *See*—
Herrmann, Alvin G. 2,853,839.
- Herrmann, Edgar H., to National Lead Co. Process for preparation of lead dioxide. 2,837,405, 6-3-58, Cl. 23-146.
- Herrmann, Frank J.; *See*—
Downing, Mason L., Herrmann, and Marx. 2,846,389.
- Herrmann, Günter, to Protoma Produktionsgesellschaft für elektroakustische Geräte G. m. b. H. Sound tape winding reels. 2,862,674, 12-2-58, Cl. 242-55.12.
- Herrmann, Henry C., to Metal Container Corp. Tube conveyor. 2,829,760, 4-8-58, Cl. 198-33.
- Herrmann, John A.; *See*—
Higgins, Louis W., Davis, and Herrmann. 2,820,123.
Platz, Elwood T., Frank, and Herrmann. 2,861,139.
- Herrmann, John A., to I-T-E Circuit Breaker Co. Bus ducts. 2,838,620, 6-10-58, Cl. 191-23.
- Herrmann, John A., and E. T. Platz, to I-T-E Circuit Breaker Co. Trolley duct and collector therefor. 2,830,136, 4-8-58, Cl. 191-23.
- Herrmann, John A., and E. T. Platz, to I-T-E Circuit Breaker Co. Trolley duct and collector therefor. 2,830,137, 4-8-58, Cl. 191-23.
- Herrmann, John A., and E. T. Platz, to I-T-E Circuit Breaker Co. Circuit breaker. 2,830,154, 4-8-58, Cl. 200-116.
- Herrmann, John F., to American Optical Co. Method of making reflectors for light sources. 2,858,603, 11-4-58, Cl. 29-53.4.
- Herrmann, Julius. Loading device. 2,859,853, 11-11-58, Cl. 198-10.
- Herrmann, Willy O., W. Haehnel, and H. Winkler, to Consortium für Elektrochemische Industrie G. m. b. H. Process for producing films from polyvinyl alcohol. 2,387,770, 6-10-58, Cl. 18-57.
- Herrmann, Willy O., and L. Eibel, to Consortium für Elektrochemische Industrie G. m. b. H. Process for the manufacture of acetals of crotonaldehyde. 2,853,529, 9-23-58, Cl. 260-615.
- Herrmann, Willy O., W. Haehnel, and H. Winkler, to Consortium für elektrochemische Industrie G. m. b. H. Crotonic acid modified polyvinyl emulsions and process for preparing same. 2,855,374, 10-7-58, Cl. 260-29.6.
- Herrmeyer, Vernon H. Trailer house. 2,856,645, 10-21-58, Cl. 20-2.
- Herrnring, Günther, and W. Weidner. Optical image-forming mirror systems having aspherical reflecting surfaces. 2,819,404, 1-7-58, Cl. 250-53.
- Herrold, Jack L., to Westinghouse Electric Corp. Means for adjustably mounting an electrical plug connector. 2,840,792, 6-24-58, Cl. 339-126.
- Herron, Charles V. Apparatus for taking care of fish lines. 2,833,075, 5-6-58, Cl. 43-25.2.
- Herron, Max G.; *See*—
Ulke, Vinson H., and M. G. and R. G. Herron. 2,864,930.
- Herron, Ralph H.; *See*—
Moseley, James T. W., Carlson, and Herron. 2,818,879.
- Herron, Robert G.; *See*—
Ulke, Vinson H., and M. G. and R. G. Herron. 2,864,930.
- Herrschafft, William. Leg structure for collapsible tables. 2,823,088, 2-11-58, Cl. 311-109.
- Herrstrum, Rudolph E., to Greenlee Bros. & Co. Anchor device pull gauge. 2,835,128, 5-20-58, Cl. 73-141.
- Herschede Hall Clock Co. The; *See*—
Ballman, Robert J. 2,837,195.
Ballman, Robert J., and Woodruff. 2,839,174.
- Herschel, Carl E., and C. D. Vandenburgh, to American Viscose Corp. Charging apparatus. 2,819,808, 1-14-58, Cl. 214-17.
- Herschelman, Henry E. Machine for coating igniter lids. 2,851,986, 9-16-58, Cl. 118-3.
- Herschler, Robert J., R. G. Jaffe, and F. O. Whipple, to Crown Zellerbach Corp. Furfuryl alcohol polymer-protein-lignocellulose pulping liquor compositions and process of making the same. 2,846,409, 8-5-58, Cl. 260-8.

- Herscovici, Stelian, and J. Robieux, to Compagnie Generale de Telephonie Sans Fil. Devices for varying the direction of an electromagnetic wave radiation. 2,863,144, 12-2-58, Cl. 343-7-6.
- Hershey, Carl D.: *See*—
Way, Robert B., and Hershey. 2,820,231.
Way, Robert B., and Hershey. 2,837,100.
- Hershey, Edwin S.: *See*—
Kukuchek, George S., and Hershey. 2,831,659.
- Hershey, Henry J. Jr., deceased; The Morristown Trust Co., executor. Filter with modulated cleaning air supply. 2,827,128, 3-18-58, Cl. 183-61.
- Hersh, Herman I. Hair setting composition and method for use of same. 2,840,087, 6-24-58, Cl. 132-7.
- Hersh, Sidney, to United States of America, Navy. Combination of hedgehog projector and gun mount. 2,866,384, 12-30-58, Cl. 89-1.
- Hersh, Sidney H. Photodetectors. 2,859,317, 11-4-58, Cl. 201-63.
- Hersh, Sidney H. Making photodetectors. 2,861,160, 11-18-58, Cl. 201-63.
- Hershberg, Emanuel B.: *See*—
Gould, David H., Hershberg, and Shapiro. 2,864,835.
- Hershberg, Emanuel B., to Schering Corp. Hydroxylated steroid derivatives. 2,833,797, 5-6-58, Cl. 260-397.47.
- Hershberg, Emanuel B. 17 α -methyl- Δ^4 -pregnadiene compounds. 2,860,148, 11-11-58, Cl. 260-397.45.
- Hershberger, Vilas D. Telescoping roof for trucks and trailers. 2,853,340, 9-23-58, Cl. 296-137.
- Hershberger, William D., to The Regents of the University of California. Stabilizer for microwave oscillators. 2,837,649, 6-3-58, Cl. 250-36.
- Hershel California Fruit Products Co., Inc.: *See*—
Morici, Alfred A. 2,822,842.
Morici, Alfred A. 2,822,843.
- Hershey, Gordon F.: *See*—
Colbry, Norman R., and Hershey. 2,843,473.
- Hershey, John H., to United States of America, Navy. Motor control for a radar ranging unit. 2,864,043, 12-9-58, Cl. 318-28.
- Hertel, Karl. Cutting tools. 2,849,787, 9-2-58, Cl. 29-96.
- Hertel, William A., to The Weatherhead Co. Fuel selector valve. 2,861,591, 11-25-58, Cl. 137-607.
- Hertenstein, Warren S., and W. E. Blessing. Prefabricated valve and drain unit. 2,832,080, 4-29-58, Cl. 4-1.
- Herter, George L. Artificial fly wing maker. 2,863,250, 12-9-58, Cl. 43-1.
- Herter, George L., to Herter's, Inc. Ball bearing and retaining band locking device for the outer sleeve of adjustable chokes. 2,866,288, 12-30-58, Cl. 42-79.
- Herter, William J. Pocket tooth-brush. 2,820,979, 1-28-58, Cl. 15-135.
- Herterich, Oskar P., to Klockner-Humboldt-Deutz Akt. Trash collection truck. 2,837,230, 6-3-58, Cl. 214-503.
- Herterich, Vincent R.: *See*—
Fraser, Robert W., and Herterich. 2,863,028.
- Herter's, Inc.: *See*—
Herter, George L. 2,866,288.
Mittlesteadt, Glen L. 2,835,077.
- Hertlein, John G.: *See*—
Priestman, Bewley D., and Hertlein. 2,862,753.
- Hertlich, Joseph, to The Western States Machine Co. Sugar centrifugal charging apparatus. 2,823,805, 2-18-58, Cl. 210-360.
- Hertz, Benjamin: *See*—
Braverman, Philip D. 2,854,745.
- Hertz, David B., to Calanese Corp. of America. Plastic sheet material. 2,838,800, 6-17-58, Cl. 18-48.
- Hertzberg, Abraham, H. S. Glick, and W. Squire, to Cornell Aeronautical Laboratory, Inc. Method and apparatus for carrying out gas phase reactions which require a high temperature to promote the reaction and rapid cooling to preserve the reaction product. 2,832,665, 4-29-58, Cl. 23-1.
- Hertzberg, Abraham, H. S. Glick, and W. Squire, to Cornell Aeronautical Laboratory, Inc. Method and apparatus for continuously carrying out gas reactions which require a high temperature to promote the reaction and rapid cooling to preserve the reaction product. 2,832,666, 4-29-58, Cl. 23-1.
- Hertzog, William F.: *See*—
Robinson, Carl B., and Hertzog. 2,830,545.
- Hervert, George L.: *See*—
Bloch, Herman S., and Hervert. 2,835,638.
- Hervert, George L., to Universal Oil Products Co. Corrosion inhibitor. 2,829,114, 4-1-58, Cl. 252-395.
- Hervert, George L., to Universal Oil Products Co. Alkyl isomerization of nuclearly alkyl-substituted hydrocarbons. 2,830,103, 4-8-58, Cl. 260-668.
- Hervert, George L., and H. S. Bloch, to Universal Oil Products Co. Process of making alumina using tin, lead, or germanium as a catalyst. 2,820,693, 1-21-58, Cl. 23-143.
- Hervert, George L., and H. S. Bloch, to Universal Oil Products Co. Process of making alumina using iron as a catalyst. 2,820,694, 1-21-58, Cl. 23-143.
- Hervert, George L., and H. S. Bloch, to Universal Oil Products Co. Process for the production of alkyl aryl hydrocarbons containing a long chain alkyl group. 2,821,562, 1-28-58, Cl. 260-671.
- Hervert, George L., and H. S. Bloch, to Universal Oil Products Co. Production of alumina. 2,855,275, 10-7-58, Cl. 23-143.
- Hervey, Laurence R. B.: *See*—
Stott, Louis L., and Hervey. 2,852,485.
- Hervey, Laurence R. B., to Arthur D. Little, Inc. Process of permanently setting hair with a hair-swelling solution of a bisulfite and a nitrogen-containing component. 2,836,185, 5-27-58, Cl. 132-7.
- Hervey, Laurence R. B., and D. E. Till, to Arthur D. Little, Inc. Glass fibers coated with amine diosilicates and method of making same. 2,854,356, 9-30-58, Cl. 117-126.
- Hervin, Jason A. Cutting mechanism for continuously moving baked sheets. 2,819,747, 1-14-58, Cl. 146-119.
- Herwig, Otto, to Maschinenfabrik Augsburg-Nurnberg A. G. Internal combustion engine for the production of synthesis gas. 2,846,297, 8-5-58, Cl. 48-196.
- Herz, Herbert, A. A. Sterk, and H. A. Goldsmith, to Magnetic Amplifiers, Inc. Packaged magnetic amplifier. 2,849,544, 8-26-58, Cl. 179-171.
- Herz, Irving L., to Afro S. A. Beverage preparation. 2,831,772, 4-22-58, Cl. 99-77.
- Herz, Josef E.: *See*—
Fried, Josef, and Herz. 2,851,455.
Fried, Josef, and Herz. 2,858,308.
- Herz, Josef E., and J. Fried, to Olin Mathieson Chemical Corp. Synthesis of steroids. 2,842,568, 7-8-58, Cl. 260-397.45.
- Herzberg, Jack G.: *See*—
Wink, Frederick W. 2,842,341.
- Herzogh, Frank, to The B. F. Goodrich Co. Tubeless tire and divided rim assemblies. 2,822,017, 2-4-58, Cl. 152-362.
- Herzogh, Frank, to B. F. Goodrich Co. Circumferentially divided rim for tubeless tires. 2,827,100, 3-18-58, Cl. 152-410.
- Herzenberg, Jean, G. Cevidalli, and A. Nenz, to Sicedison S. p. A. Procedure for the obtention of higher alcohols by condensation of lower alcohols. 2,861,110, 11-18-58, Cl. 260-642.
- Herzfeld, Richard P.: *See*—
Collins, Harry J. 2,866,396.
- Herzfeld, Richard P., and H. J. Collins; said Collins assor. to said Herzfeld. Eyeglass frames. 2,853,924, 9-30-58, Cl. 88-53.
- Herzog, Eugene M., to Societe des Ucieries de Pompey. Process for producing low alloy steel for oil well tubing and tubing thereof. 2,825,669, 3-4-58, Cl. 148-21.55.
- Herzog, Gerald B.: *See*—
Lohman, Robert D., and Herzog. 2,864,961.
Szklai, George C., and Herzog. 2,851,615.
- Herzog, Gerhard, to The Texas Co. Radioactivity bore hole logging apparatus. Re. 2,471, 5-6-58, Cl. 250-83.6.
- Herzog, Gerhard, to The Texas Co. Controlling scintillometer temperature. 2,824,233, 2-18-58, Cl. 250-71.
- Herzog, Gerhard, to The Texas Co. Apparatus for locating a zone of lost circulation. 2,835,819, 5-20-58, Cl. 250-43.5.
- Herzog, Henry: *See*—
Schultis, Charles F. 2,830,500.
- Herzog, Hershel L.: *See*—
Gould, David H., and Herzog. 2,819,264.
- Herzog, Hershel L., to Schering Corp. Process for the manufacture of 9 α -halo steroids. 2,854,383, 9-30-58, Cl. 195-51.
- Herzog, Hershel L. Derivatives of cortical hormones. 2,857,406, 10-21-58, Cl. 260-397.45.
- Herzog, James R., to Smethport Specialty Co. Magnetic toy. 2,853,820, 9-30-58, Cl. 46-35.
- Herzog, Milton W., to Delamere Co., Inc. Carton liner. 2,835,428, 5-20-58, Cl. 229-14.
- Herzog, Richard. Internal-combustion turbine engine. 2,856,753, 10-21-58, Cl. 60-39.4.
- Heselmeyer, Fred H.: *See*—
Holzboog, Walter H., and Heselmeyer. 2,823,660.
- Heseltine, Donald W.: *See*—
Brooker, Leslie G. S., and Heseltine. 2,856,404.
- Heselwood, James C., to Radio Condenser Co. Signal seeking permeability tuner with automatically movable cores and manually movable coils. 2,866,095, 12-23-58, Cl. 250-40.
- Hesketh, William H.: *See*—
Packie, John W., Hesketh, and Stearns. 2,823,181.
- Hesler, Harold P., to The Griscom-Russell Co. Anti-vibration grate for heat exchange tubes. 2,853,278, 9-23-58, Cl. 257-239.
- Hess, Alvin G. Safety cover plate for electrical outlets. 2,818,991, 1-7-58, Cl. 220-24.3.
- Hess, Christian H., to Deere & Co. Adjustable operating mechanism for brakes, clutches, and the like. 2,856,792, 10-21-58, Cl. 74-520.
- Hess, Clarence D.: *See*—
Finch, Roy L., and Hess. 2,853,313.
- Hess, Clem H., and R. C. Cricket, etc., dispenser. 2,833,080, 5-6-58, Cl. 43-55.
- Hess, Edward R., and T. A. Daly, to United States of America, Navy. Fabricated aluminum shell structure for a torpedo. 2,853,038, 9-23-58, Cl. 114-20.
- Hess, Emerson E. Locking mechanism for oscillating scale beams. 2,834,591, 5-13-58, Cl. 265-49.

- Hess, Francis M., and F. P. Adler, to Pullman-Standard Car Mfg. Co. Car roof sealing arrangement. 2,842,074, 7-8-58, Cl. 108-54.
- Hess, Frederic O., to Selas Corp. of America. Rod heating machine. 2,820,621, 1-21-58, Cl. 263-7.
- Hess, Frederic O., to Selas Corp. of America. Broiler. 2,821,127, 1-28-58, Cl. 99-389.
- Hess, Frederic O., to Selas Corp. of America. Convection heating unit. 2,832,580, 4-29-58, Cl. 263-19.
- Hess, Frederic O., to Selas Corp. of America. Radiant heat fuel burner. 2,847,988, 8-19-58, Cl. 126-39.
- Hess, Frederic O., to Selas Corp. of America. Strip heating apparatus. 2,848,205, 8-19-58, Cl. 263-3.
- Hess, Frederic O., to Selas Corp. of America. Method of heat treating metal objects. 2,852,422, 9-16-58, Cl. 148-12.4.
- Hess, Frederic O., to Selas Corp. of America. Continuous metal melting. 2,857,642, 10-28-58, Cl. 22-209.
- Hess, Hermann, and A. Maass. Tilting window structure. 2,860,389, 11-18-58, Cl. 20-45.
- Hess, Howard V.: *See*—
- Arnold, George B., and Hess. 2,830,068.
- Christensen, Edward R., and Hess. 2,861,112.
- Pevere, Ernest F., and Hess. 2,850,546.
- Pevere, Ernest F., and Hess. 2,858,261.
- Hess, Howard V., and E. R. Christensen, to The Texas Co. Method of treating a petroleum fraction with molecular sieve adsorbents. 2,859,173, 11-4-58, Cl. 208-42.
- Hess, Howard V., and M. D. Rordan, to The Texas Co. Separation process involving adsorption and desorption. 2,859,257, 11-4-58, Cl. 260-576.
- Hess, Howard V., and E. R. Christensen, to The Texas Co. Special solid adsorbent material and process employing the same. 2,859,257, 11-4-58, Cl. 260-676.
- Hess, John J., Jr., to Stryker Land Corp. Control systems for dirigible craft. 2,825,877, 2-18-58, Cl. 244-77.
- Hess, Lawrence G., to Union Carbide Corp. Process for the preparation of Δ^2 -oxazoline. 2,844,589, 7-22-58, Cl. 260-307.
- Hess, Raymond C.: *See*—
- Hess, Clem H., and R. C. 2,833,080.
- Hesse, Adolf, and J. L. Rapp, to Nordberg Mfg. Co. Cylindrical screen cage. 2,850,165, 9-2-58, Cl. 209-303.
- Hesse, Arno, and W. Wulak, to Mall Tool Co. Muffler assembly. 2,838,120, 6-10-58, Cl. 181-61.
- Hesse, Henry R., to Allen B. Du Mont Laboratories, Inc. Heterodyne circuit. 2,849,602, 8-26-58, Cl. 250-20.
- Hesse, Holger. Means for preventing the darkening of glass tubes by the action of mercury. 2,844,035, 7-22-58, Cl. 73-401.
- Hessel, Frederick A.: *See*—
- Martin, James W., Hessel, Hammer, and Rust. 2,843,256.
- Werner, Jesse, and Hessel. 2,853,485.
- Werner, Jesse, Hessel, and Witwer. 2,853,417.
- Hesselink, Frans, to American Enka Corp. Spinneret arrangement. 2,834,046, 5-13-58, Cl. 18-8.
- Hesselmann, Willi: *See*—
- Beyer, Kurt. 2,842,286.
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- Hessler, Arthur P.: *See*—
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- Hesson, James C., and J. A. Swanson, to Cardox Corp. Means for effecting sequential discharge of a series of material breaking cartridges. 2,858,764, 11-4-58, Cl. 102-22.
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- Hettinger, Henry. Cattle chute. 2,851,993, 9-16-58, Cl. 119-99.
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- Hettler, Friedrich: *See*—
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- Pederson, Henry C., and Barnett. 2,825,392.
- Smith, Milton B., Wallace, and Zent. 2,864,389.
- Wallace, Earl C. 2,846,694.
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- Heuneman, Fred. Traction aid for automobile wheels. 2,820,501, 1-21-58, Cl. 152-218.
- Heuschkel, Julius, to Westinghouse Electric Corp. Welded structure and method. 2,862,102, 11-25-58, Cl. 219-137.
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- Arnold, Walter W., and Heuser. 2,852,155.
- Heuser, Leon J.: *See*—
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- Heuser, Paul F.: *See*—
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- Chandler, Wesley M., and Heuser. 2,836,875.
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- Manner, Leopold. 2,853,580.
- Hewell, Robert A., and A. B. Teeters. Orthopedic appliance. 2,827,046, 3-18-58, Cl. 128-70.
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- Hewitt, Elmer S., and L. E. Beyer,** to Electric-Aire Engineering Corp. Dryer. 2,837,835, 6-10-58, Cl. 34-213.
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- Hewitt-Robins Inc.:** See—
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- Hewitt, Woodrow W., to Spinsavac Corp.** Creel for twisting and similar machines. 2,819,855, 1-14-58, Cl. 242-131.
- Hewitt, Woodrow W., to Spinsavac Corp.** Suction head mounting for vacuum clearing systems. 2,837,774, 6-10-58, Cl. 19-139.
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Gallagher, William J. 2,855,570.
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Spott, Robert C. 2,825,800.
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- Heydahl, Andrew M.** Heat storage device. 2,858,781, 11-4-58, Cl. 110-97.
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- Hey, Herman C., to Bell Telephone Laboratories, Inc.** Balanced modulator. 2,820,949, 1-21-58, Cl. 332-47.
- Hey, Walton A.:** See—
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- Heyd, Josef W., and P. E. Ohmart,** to United States of America Atomic Energy Commission. Polarograph. 2,842,736, 7-8-58, Cl. 324-30.
- Heyden Newport Chemical Corp.:** See—
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Fath, Joseph. 2,824,847.
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- Heydrich, Sergio E.** Protective device for needles of hypodermic syringes. 2,854,976, 10-7-58, Cl. 128-221.
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- Heyek, Gerhard.** Sheet metal lower blade for the cutter head of dry shaving apparatus. 2,833,033, 5-6-58, Cl. 30-43.
- Heyer, Benjamin F. W.** Test prod. 2,829,336, 4-1-58, Cl. 324-29.5.
- Heyer Corp., The:** See—
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- Heyer, William T.** Valve. 2,854,023, 9-30-58, Cl. 137-432.
- Heyhal, Edward B., to General Electric Co.** Electrical contact mounting means. 2,856,192, 10-14-58, Cl. 200-166.
- Heyl, Russell G., Jr.:** See—
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- Heyn, Lothar S.** Draw bench. 2,845,171, 7-19-58, Cl. 205-3.
- Heyman, Albert A., to The Maryland Cup Co.** Bottom expander. 2,842,033, 7-8-58, Cl. 93-26.5.
- Heyman, Alvin.** Undershorts construction for men. 2,822,807, 2-11-58, Cl. 128-159.
- Heyman, Henry:** See—
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- Heyman, Karl, R. L. Carroll, and P. A. Reuter,** to Mona Industries, Inc. Apparatus for conditioning and marking quills. 2,828,715, 4-1-58, Cl. 118-212.
- Heyman, Louis.** Trousers support. 2,834,022, 5-13-58, Cl. 2-323.
- Heyman, Moses D., to Integrated Mica Corp.** Phosphate-impregnated integrated mica sheet. 2,865,426, 12-23-58, Cl. 154-2.6.
- Heyman, Wesley F.:** See—
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- Heymons, Albrecht, H. Volk, and H. Gansau,** to Firma Riedel-de Haen Aktiengesellschaft. 4-tert.-hydrocarbon-1,2-diphenyl-3,5-dioxo-pyrazolidines and process. 2,830,995, 4-14-58, Cl. 260-310.
- Heyn, Henry M.:** See—
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- Heyob, Robert F., J. G. Burg, O. D. Hoffman, and V. S. Greenebaum,** to Neon Engineering, Inc. Neon tube supports. 2,850,560, 9-2-58, Cl. 174-138.
- Heys, Ralph C., to Beloit Iron Works.** Synchronized tail cutter and suction roll travelling sealing strip. 2,857,822, 10-28-58, Cl. 92-38.
- Heyser, Donald L.:** See—
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- Heyson, George H., to E. I. du Pont de Nemours and Co.** Recovery process for polyethylene. 2,845,412, 7-29-58, Cl. 260-94.9.
- Heytow, Solomon:** See—
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- Heywood, Basil J., to Parke, Davis & Co.** Preparation of nitrophenyloxazolines. 2,820,041, 1-14-58, Cl. 260-307.
- Heywood, Basil J., to Parke, Davis & Co.** Production of chemical compounds. 2,820,052, 1-14-58, Cl. 260-466.
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- Heywood, Christopher J.** Apparatus for handling successive sheet units for a subsequent impression operation thereon. 2,825,281, 3-4-58, Cl. 101-287.
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- Heywood, Vincent E., to United States Envelope Co.** Manufacture of envelopes. 2,851,934, 9-16-58, Cl. 93-62.
- Heywood-Wakefield Co.:** See—
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- Hiatt, Gordon D.:** See—
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- Hiatt, Gordon D., and C. L. Crane,** to Eastman Kodak Co. Precipitation of dicarboxylic acid esters of callulose ethers and lower fatty acid esters. 2,852,508, 9-16-58, Cl. 260-226.
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- Hibbard, Lloyd J., to Westinghouse Electric Corp.** Rectifier motive-power with auxiliary loads. 2,858,458, 10-28-58, Cl. 307-135.
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- Hibbard, Thomas L., to Kelsey Hayes Co.** Wheel structure. 2,851,131, 9-9-58, Cl. 188-264.
- Hibben, Lawrence M.:** See—
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- Hibbitt, Alec E. W., and N. G. Arkell,** to Muirhead & Co. Ltd. Angular-position, testing means for electrical instruments. 2,829,344, 4-1-58, Cl. 324-158.
- Hibbs, Cassel D.:** See—
Donohue, William E. 2,830,398.
- Hibshman, Henry J., to Esso Research and Engineering Co.** Fractionator design. 2,847,083, 8-12-58, Cl. 183-24.
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- Hickam, William M., and R. E. Fox,** to Westinghouse Electric Corp. Ionization tube. 2,836,790, 5-27-58, Cl. 321-33.
- Hickerson, John E., to International Business Machines Corp.** Print element actuating mechanism. 2,846,043, 8-5-58, Cl. 197-55.
- Hickey, Clyde D., and J. F. Slough, Jr., to Harbison-Fischer Mfg. Co., Inc.** Self-sealing coupling. 2,854,258, 9-30-58, Cl. 284-4.
- Hickey, Earl H.** Fish holding table. 2,838,787, 6-17-58, Cl. 17-8.
- Hickey, Frank D.:** See—
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- Hickey, Herbert W.:** See—
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- Hickey, James M.** Gravity operated door hinge. 2,840,848, 7-1-58, Cl. 16-154.
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- Hickman, Albert F.: *See*—
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- Hickman, Carl V.: *See*—
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- Hicks, Harry F. Sprayer. 2,865,541, 12-23-58, Cl. 222-386.5.
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- Hiebsch, Josef: *See*—
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- Hiemstra, Pieter: *See*—
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- Higashi, Louis M., and R. A. Jarvi, to Monsanto Chemical Co. Liquid phenolic resins. 2,862,910, 12-2-58, Cl. 260-60.
- Higdon, Charles W. Artificial bait. 2,852,881, 9-23-58, Cl. 43-42.02.
- Higer, Harry. Refuse disposal apparatus. 2,846,155, 8-5-58, Cl. 241-257.
- Higgins, Cecil C., to Tanway Ltd. Lubricating systems. 2,834,433, 5-13-58, Cl. 184-7.
- Higgin, Raymond J., to Jim-Ray Co., Inc. Rotary drier. 2,838,177, 6-10-58, Cl. 209-238.
- Higginbotham, Richard S. Poultry operated platform actuating feeding means. 2,828,716, 4-1-58, Cl. 119-55.
- Higginbotham, Richard S. Ground gripping ferrule for use on walking sticks, crutches and the like. 2,857,925, 10-28-58, Cl. 135-64.
- Higgins, Cecil E.: *See*—
Baldwin, Willis H., and Higgins. 2,864,668.
- Higgins, Frank W., to Universal Winding Co. Means for attaching a strand to a rotary member. 2,824,708, 2-25-58, Cl. 242-125.1.
- Higgins, John E., and O. R. Newkirk. Food pellet and method of manufacture. 2,835,583, 5-20-58, Cl. 99-2.
- Higgins, Kenneth H., to Ford Motor Co. Safety belt assembly for automobiles. 2,834,607, 5-13-58, Cl. 280-150.
- Higgins, Kenneth K., to Air-O-Fan Products Corp. Orchard heater. 2,858,646, 11-4-58, Cl. 47-2.
- Higgins, Louis W., R. S. Davis, and J. A. Herrmann, to Bulldog Electric Products Co. Molded switch head. 2,820,123, 1-14-58, Cl. 200-149.
- Higgins, Richard M., and E. F. Brill, to Allis-Chalmers Mfg. Co. Fluid bearings for a tubular rotating shaft. 2,830,541, 4-15-58, Cl. 103-87.
- Higgins, William A., and T. R. Hopkins, to The Lubrizol Corp. S-alkyl diaryl phosphinomonothioates and methods for preparing same. 2,858,327, 10-28-58, Cl. 260-461.
- High, Angus T. Emergency electrical junction box. 2,828,473, 3-25-58, Cl. 339-89.
- High, Carl F. Fuel injector apparatus for internal combustion engine. 2,839,040, 6-17-58, Cl. 123-140.
- High, Carl F., to American Bosch Arma Corp. Fuel injection apparatus. 2,848,951, 8-26-58, Cl. 103-2.
- High, Carl F. Fuel injection metering control apparatus. 2,849,998, 9-2-58, Cl. 123-140.
- High, Carl F., to American Bosch Arma Corp. Fuel injection apparatus. 2,855,849, 10-14-58, Cl. 103-2.
- High, John E. Hose clamp. 2,852,220, 9-16-58, Cl. 248-78.
- High, Roy F. Skin-covering mold. 2,825,093, 3-4-58, Cl. 18-42.
- High, Roy F., and M. L. Barfield, to United States of America, Army. Coalescence of pre-molded parts. 2,859,483, 11-11-58, Cl. 18-59.
- High Standard Mfg. Corp., The: *See*—
Hillberg, Robert L. 2,842,885.
- High Voltage Engineering Corp.: *See*—
Dewey, Davis R., II. 2,858,442.
Gale, Alfred J. 2,858,441.
Gale, Alfred J. 2,858,501.
Kelliher, Maurice G. 2,820,142.
Nygard, John C. 2,866,902.
Robinson, Denis M. 2,820,165.
Stiff, Bernard G. E. 2,820,168.
Stiff, Bernard G. E. 2,847,586.
Van de Graaff, Robert J. 2,847,611.
Wilson, Lester E., Jr. 2,858,460.
- Higham, Edward H., and H. A. Thomas, to Lever Brothers Co. Liquid weighing and dispensing device. 2,844,350, 7-22-58, Cl. 249-63.
- Highbaugh, David B.: *See*—
Irvine, William C. 2,848,125.
- Highhouse, Frederick: *See*—
Earle, Wilton R., and Highhouse. 2,858,036.
- Highland Box Co.: *See*—
Sauer, Charles E. 2,819,833.
- Highland, Olaf, and L. A. Chelmo. Two-stage master cylinder for hydraulic systems. 2,820,347, 1-21-58, Cl. 60-54.6.
- Highlen, Lester E. Disposable mat. 2,826,778, 3-18-58, Cl. 15-215.
- Highley, Frank H.: *See*—
Armstrong, Edward T., and Highley. 2,835,351.

- Higley, Frank H., to The Goodyear Tire & Rubber Co. Hydraulic apparatus for anti-skid or manual control of brakes with safety lockout of anti-skid control. 2,826,278, 3-11-58, Cl. 188—181.
- Hight, Sterling K., to the United States of America as represented by the Secretary of the Air Force. Stabilizing apparatus for bombs. 2,819,856, 1-14-58, Cl. 244—138.
- Highton, Allan P.: *See*—
- Wells, Archibald H., Nissan, Highton, and Hopkins. 2,866,375.
- Hightower, Thomas H. Hair trimming blade for safety razors. 2,866,264, 12-30-58, Cl. 30—31.
- Highway Trailers and Utilities of Alabama, Inc.: *See*—
- Prickett, Thomas W., and Duncan. 2,839,328.
- Higley, Frank R. Precession control means for upright centrifugal spinner. 2,838,954, 6-17-58, Cl. 74—573.
- Higley, Willard S.: *See*—
- Brown, Herbert C., and Higley. 2,819,328.
- Hignett, Travis P., J. M. Stinson, N. A. Brown, and M. C. Nason, to Tennessee Valley Authority. Nitrogen-phosphorus compounds. 2,856,279, 10-14-58, Cl. 71—35.
- Higonnet, Rene A., and L. M. Moyroud, to Graphic Arts Research Foundation, Inc. Photocomposing apparatus. 2,865,270, 12-23-58, Cl. 95—4.5.
- Higuchi, Takeru: *See*—
- Hill, Norman C., and Higuchi. 2,841,601.
- Hilber, Hanns.: *See*—
- Kreidler, Alfred, and Hilber. 2,841,989.
- Hilber, Hanns, to A. Kreidler. Gear for single-track vehicles. 2,841,990, 7-8-58, Cl. 74—6.
- Hilbert, Richard G.: *See*—
- Seem, Warren A., Stoddard, Gibson, Miller, and Hilbert. 2,864,229.
- Hilbert, Robert A. Animated timing device. 2,824,418, 2-25-58, Cl. 58—1.
- Hilblom, Samuel E.: *See*—
- Carlson, Ernest C., Hilblom, and Sammarco. 2,841,944.
- Morkoski, James, and Hilblom. 2,830,422.
- Hildebrand, George, to Republic Aviation Corp. Aircraft canopy and actuating mechanism. 2,828,094, 3-25-58, Cl. 244—121.
- Hildebrand, George, to Republic Aviation Corp. Closure edge mounting. 2,856,650, 10-21-58, Cl. 20—56.5.
- Hildebrand, George L., to General Electric Co. Method of balancing immiscible bodies. 2,826,918, 3-18-58, Cl. 74—5.
- Hildebrand, Herbert, and A. Scharf. Surgical snare. 2,856,933, 10-21-58, Cl. 128—305.
- Hildebrandt, Ariold: *See*—
- Farley, George F., and Hildebrandt. 2,847,175.
- Hildebrandt, William J.: *See*—
- Sharpe, Arthur H., Hildebrandt, and Intagliata. 2,848,090.
- Hildebrandt, William J., to Underwood Corp. Record controlled printing or writing machines. 2,865,487, 12-23-58, Cl. 197—20.
- Hildebrandt, William J., R. W. Yerks, and V. A. Malatesta, to Underwood Corp. Bi-directional tabulating mechanism. 2,856,125, 10-14-58, Cl. 235—60.96.
- Hildemann, Victor R.: *See*—
- Hoyer, Theodore R., and Hildemann. 2,821,406.
- Hilding, John F. Combined lifting jack and press. 2,851,247, 9-9-58, Cl. 254—8.
- Hildum, Edward B., to Calculagraph Co. Circuit controlling device. 2,866,021, 12-23-58, Cl. 200—38.
- Hileman, Dale L., to Collins Radio Co. Tenacious fastener. 2,820,655, 1-21-58, Cl. 287—53.
- Hiler, Malvern J., to The Commonwealth Engineering Co. of Ohio. Detergent-sol suspending composition containing carboxymethyl dextran. 2,847,385, 8-12-58, Cl. 252—152.
- Hiler, Malvern J., to Midland Chemical Corp. Method of coating an article with a heat expandable coating composition and coating composition therefor. 2,862,834, 12-2-58, Cl. 117—41.
- Hilfcker, Edward G.: *See*—
- MacMeekin, Robert J., and Hilfcker. 2,841,087.
- Hilfman, Lee: *See*—
- Bremer, Joseph W., Jr., and Hilfman. 2,865,760.
- Hilgert, Adolph J.: *See*—
- Bydalek, Floyd J., Dietz, Hilgert, and Matthews. 2,844,685.
- Dietz, Gerald E., and Hilgert. 2,822,984.
- Hilgert, Adolph J., to Baso Inc. Electromagnetic operator. 2,844,768, 7-22-58, Cl. 317—198.
- Hilgert, Adolph J., to Baso Inc. Valve and actuator therefor. 2,859,931, 11-11-58, Cl. 251—86.
- Hilgert, Richard: *See*—
- Haberl, Karl, Jahnentz, and Hilgert. 2,822,062.
- Hilger & Watts Ltd.: *See*—
- Towns, Victor W. H., Evans, and Jones. 2,853,664.
- Hilkemeier, Louis G., to Worthington Corp. Liquid distribution device. 2,828,765, 4-1-58, Cl. 137—512.4.
- Hilkemeier, Louis G., to Worthington Corp. Concrete mixer valve. 2,850,036, 9-2-58, Cl. 137—266.
- Hilkene, Henry. Visual aid for arithmetic computation. 2,835,988, 5-27-58, Cl. 35—31.
- Hilker, Luther D., to National Dairy Products Corp. Process of making frozen desserts and the product thereof. 2,821,480, 1-28-58, Cl. 99—136.
- Hill-Acme Co., The: *See*—
- Lamprecht, Merle W. 2,835,152.
- Hill, Archie, to Diamond Alkali Co. Process for polymerizing a vinyl halide polymer in the presence of gelatin. 2,836,585, 5-27-58, Cl. 260—92.8.
- Hill, Arthur D., to Hill-Cunningham Automatic Pilot Co. Automatic pilot. 2,864,990, 12-16-58, Cl. 318—489.
- Hill, Arthur M., to Service Pipe Line Co. Nipple plugging device. 2,845,952, 8-5-58, Cl. 138—89.
- Hill, Benjamin, to Hill Laboratories Co. Therapeutic traction apparatus. 2,822,805, 2-11-58, Cl. 128—71.
- Hill, C. V., Co., Inc.: *See*—
- Morris, Harry A. 2,863,302.
- Hill, Claude, to Harry Ferguson Research Ltd. Remote clutch assembly for motor vehicles. 2,844,973, 7-29-58, Cl. 74—700.
- Hill, Clifford W.: *See*—
- Kane, John S., and Hill. 2,858,412.
- Hill-Cunningham Automatic Pilot Co.: *See*—
- Hill, Arthur D. 2,864,990.
- Hill, Cyril T., to Texas Gulf Sulphur Co. Process of chlorinating iron sulfide to produce ferrous chloride and sulfur. 2,852,339, 9-16-58, Cl. 23—87.
- Hill, David. Key container. 2,846,866, 8-12-58, Cl. 70—456.
- Hill, Earl G., to Textile Appliance Corp. Yarn feeding means. 2,819,582, 1-14-58, Cl. 57—90.
- Hill, Edward G., to Kelsey-Hayes Co. Booster brake mechanism. 2,845,147, 7-29-58, Cl. 188—152.
- Hill, Edward G., and J. G. Ingres, to Kelsey-Hayes Co. Booster brake mechanism. 2,849,864, 9-2-58, Cl. 60—54.6.
- Hill, Edward H.: *See*—
- Caldwell, John R., and Hill. 2,852,496.
- Hill, Edward J. Beach pins. 2,840,092, 6-24-58, Cl. 135—005.
- Hill, Eldon J., to The Burdick Co. Advertising signs and methods of making the same. 2,847,779, 8-19-58, Cl. 40—125.
- Hill, Emil H., and W. O. England, to Omark Industries, Inc. Rivet machine feeding means. 2,840,678, 6-24-58, Cl. 219—10.69.
- Hill, Eugene F., to Ethyl Corp. Alcohols derived from babassu oil. 2,819,318, 1-7-58, Cl. 260—632.
- Hill, Eugene F., to Ethyl Corp. Synergistic antioxidants and their use. 2,833,634, 5-6-58, Cl. 44—69.
- Hill, Eugene F., and E. Clinton. Preparation of triazines. 2,820,032, 1-14-58, Cl. 260—249.5.
- Hill, Eugene F., and D. O. De Pree, to Ethyl Corp. Gasoline fuel. 2,833,635, 5-6-58, Cl. 44—69.
- Hill, Ezra C., to General Electric Co. Reversible constant-voltage direct-current. 2,834,930, 5-13-58, Cl. 321—8.
- Hill, Frank A.: *See*—
- Fingerett, Joseph A., and Hill. 2,827,603.
- Fingerett, Joseph A., and Hill. 2,827,608.
- Fingerett, Joseph A., and Hill. 2,846,525.
- Hill, Frank A., to Librascope, Inc. Apparatus for measuring radioactivity. 2,850,643, 9-2-58, Cl. 250—83.6.
- Hill, Frank B.: *See*—
- Sowter, Percy F. C., and Hill. 2,852,808.
- Hill, Frank B., and J. Downing, to British Celanese Ltd. Manufacture of cellulose acetate textile materials. 2,825,625, 3-4-58, Cl. 18—54.
- Hill, Frank T.: *See*—
- Kuhn, Alfred R., and Hill. 2,838,627.
- Hill, Fred N., and J. T. Fitzpatrick, to Union Carbide Corp. Polymerization of epoxides. 2,866,761, 12-30-58, Cl. 260—2.
- Hill, Frederick L.: *See*—
- Rogers, Robert E., Lea, and Hill. 2,835,256.
- Hill, Frederick M., and W. E. Goebel, to American Radiator & Standard Sanitary Corp. Adjustable shelf and a mounting means therefor. 2,839,350, 6-17-58, Cl. 312—351.
- Hill, Frederick T.: *See*—
- Anderson, Mauritz L., and Hill. 2,845,515.
- Hill, Gail E., to General Motors Corp. Method of connecting an insulated conductor to a connector terminal element. 2,856,674, 10-21-58, Cl. 29—155.55.
- Hill, George B., to Avco Mfg. Corp. Rotary rake wheel side delivery rake with a positive drive therefor. 2,827,754, 3-25-58, Cl. 56—377.
- Hill, George B. Conveyor and beater drive mechanism for manure spreaders. 2,828,130, 3-25-58, Cl. 275—5.
- Hill, George B., to Sperry Rand Corp. Automatic wire tying mechanism. 2,859,687, 11-11-58, Cl. 100—23.
- Hill, George H. Indexing apparatus. 2,848,909, 8-26-58, Cl. 74—822.
- Hill, George L. Circuit breaker. 2,830,151, 4-8-58, Cl. 200—88.
- Hill, George L. Method of testing insulation. 2,837,714, 6-3-58, Cl. 324—54.
- Hill, George W. Telephone and communication floor connection assembly. 2,854,166, 9-30-58, Cl. 220—3.3.
- Hill, Harry E., and G. K. Weiss, to Olin Mathieson Chemical Corp. Chlorination of alcohols. 2,837,574, 6-3-58, Cl. 260—615.
- Hill, Harry R., to Tecalemit Ltd. Fluid actuated control and operating mechanisms. 2,827,767, 3-25-58, Cl. 60—97.
- Hill, Harvey J., to Roberts Mfg. Co. Cutter. 2,858,609, 11-4-58, Cl. 30—173.
- Hill, Henry C., to Boeing Airplane Co. Combustion chamber construction in a gas turbine engine. 2,821,067, 1-28-58, Cl. 60—39.75.
- Hill, Henry C., to Boeing Airplane Co. Slipper thrust bearing. 2,860,932, 11-18-58, Cl. 308—73.

- Hill, Homer M., Jr.: *See*—
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- Hill, Hubert M.: *See*—
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- Hill, Iver F. Plastic brassiere. 2,824,563, 2-25-58, Cl. 128—463.
- Hill, J. E.: *See*—
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Beck, Julius S. 2,819,879.
- Hill, James E., and G. M. Farrell. Television program selector. 2,863,996, 12-9-58, Cl. 250—20.
- Hill, James J., to Apco, Inc. Automatic blending reservoir. 2,832,370, 4-29-58, Cl. 137—391.
- Hill, James J., to Practical Industries, Inc. Vending machine. 2,832,510, 4-29-58, Cl. 222—129.4.
- Hill, James M. Mobile curvable conveyor. 2,850,147, 9-2-58, Cl. 198—109.
- Hill, James M., and E. R. Nuckols, to United States of America, Air Force. Universal mechanical hand and holding fixture therefor. 2,846,906, 8-12-58, Cl. 81—17.
- Hill, John D., to Flexo Products, Inc. Respirator mask. 2,845,926, 8-5-58, Cl. 128—146.
- Hill, John D., to Flexo Products, Inc. Respirator with integral rib for clamping filter element and sealing breathing opening. 2,845,927, 8-5-58, Cl. 128—146.
- Hill, John D. Removable lens goggles. 2,846,684, 8-12-58, Cl. 2—14.
- Hill, John W., to The Globe Co. Reticulating apparatus. 2,828,792, 4-1-58, Cl. 153—2.
- Hill, John W., to The Globe Co. Reticulated sheet material. 2,828,843, 4-1-58, Cl. 189—83.
- Hill, John W., to The Globe Co. Pipe connectors. 2,839,320, 6-17-58, Cl. 287—54.
- Hill, John W. Electrical engraving machines. 2,854,560, 9-30-58, Cl. 219—69.
- Hill, Justin D., to The Lawrence Paper Co. Load retaining doors. 2,823,745, 2-18-58, Cl. 160—368.
- Hill Laboratories Co.: *See*—
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- Hill, Lester E.: *See*—
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- Hill, Louis G. Device for serrating a shaft. 2,849,904, 9-2-58, Cl. 80—16.
- Hill, Mark L.: *See*—
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- Hill, Matt V. Waste can holder. 2,838,264, 6-10-58, Cl. 248—147.
- Hill, Murphy A., to Mauney Hosiery Mills, Inc. Hosiery boarding and form inserting apparatus. 2,842,298, 7-8-58, Cl. 223—60.
- Hill, Norman C., and V. P. Kucski, to C. P. Hall Co. Separation of azelaic acid from mixtures containing suberic and azelaic acids, etc. 2,824,134, 2-18-58, Cl. 260—537.
- Hill, Norman C., and V. P. Kucski, to The C. P. Hall Co. Chemical reduction of nitro compounds to purify α, ω alkanedioic acid esters. 2,831,883, 4-22-58, Cl. 260—482.
- Hill, Norman C., and T. Higuchi, to The C. P. Hall Co. Separation of dicarboxylic and monocarboxylic acids. 2,841,601, 7-1-58, Cl. 260—404.
- Hill, Norman C., and V. P. Kucski, to The C. P. Hall Co. Purification of dicarboxylic acid. 2,858,335, 10-28-58, Cl. 260—537.
- Hill, Norman C., and V. P. Kucski, to The C. P. Hall Co. Treatment of fatty acids. 2,858,336, 10-28-58, Cl. 260—537.
- Hill, Oiva E., to Norton Co. Centerless grinding machine. 2,834,159, 5-13-58, Cl. 51—103.
- Hill, Oiva E., to Norton Co. Grinding machine-steadyrest. 2,844,921, 7-29-58, Cl. 51—103.
- Hill, Oiva E., to Norton Co. Multiple wheel grinding machine. 2,851,827, 9-16-58, Cl. 51—95.
- Hill, Oiva E., to Norton Co. Grinding machine. 2,862,338, 12-2-58, Cl. 51—103.
- Hill, Orville F.: *See*—
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- Hill, Philip: *See*—
Wolff, William F., and Hill. 2,835,343.
- Hill, Ralph M., and A. W. Langer, to Esso Research and Engineering Co. Upgrading of petroleum oils. 2,843,529, 7-15-58, Cl. 196—49.
- Hill, Raymond T. J.: *See*—
Allard, Lawrence S., and Hill. 2,851,626.
- Hill, Robert. Fructose polymers and method of preparation. 2,834,694, 5-13-58, Cl. 127—41.
- Hill, Roger W., and R. V. Luthy, to California Research Corp. Isomerization of xylene. 2,837,581, 6-3-58, Cl. 260—668.
- Hill, Reger W., and A. J. Engel, to California Research Corp. P-xylene vapor phase isomerization. 2,837,582, 6-3-58, Cl. 260—668.
- Hill, Rowland E., to J. W. Greer Co. Chocolate conditioning machine. 2,824,721, 2-25-58, Cl. 257—86.
- Hill, Royston A. W., and R. W. Moody, to Imperial Chemical Industries, Ltd. Delay electric initiators. 2,863,392, 12-9-58, Cl. 102—28.
- Hill, Sanford J., to E. I. du Pont de Nemours & Co. Manganese ethylenedisulfocarbamate stabilized by desiccant; method and package. 2,848,297, 8-19-58, Cl. 21—2.
- Hill-Shaw Co.: *See*—
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- Hill, Stanley E.: *See*—
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- Hill, Taimi E. Pocket forming lining for dresser drawers and the like. 2,822,950, 2-11-58, Cl. 217—3.
- Hill, Van D., and L. Brodton. Race ticket printing apparatus. 2,842,047, 7-8-58, Cl. 101—69.
- Hill, Walter C., Jr., H. W. Smith, and W. C. Twitchell, to E. I. du Pont de Nemours and Co. Shear pin assembly. 2,838,920, 6-17-58, Cl. 64—28.
- Hill, Walter P. Means for producing pipe fittings. 2,858,787, 11-4-58, Cl. 113—44.
- Hill, William: *See*—
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- Hill, William H.: *See*—
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- Hill, William H., to Callery Chemical Co. Process for detecting presence of boranes. 2,848,307, 8-19-58, Cl. 23—232.
- Hillard, Alfred, to Societe Le Carbone Lorraine. Heat exchangers. 2,821,369, 1-28-58, Cl. 257—241.
- Hillard, George O., Jr., and L. W. McLean, to Esso Research and Engineering Co. Production of low ash resin. 2,866,780, 12-30-58, Cl. 260—88.1.
- Hillary, Arthur W.: *See*—
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- Hillberg, Bror, to Superior Concrete Accessories, Inc. Adjustable brace. 2,832,559, 4-29-58, Cl. 248—354.
- Hillberg, Bror. Inner corner forming unit for a concrete wall form. 2,849,780, 9-2-58, Cl. 25—131.
- Hillberg, Bror, to Superior Concrete Accessories, Inc. Concrete wall form with preformed filler panels. 2,862,277, 12-2-58, Cl. 25—131.
- Hillberg, Robert L., to The High Standard Mfg. Corp. Firing pin with plastic sleeve for firearms. 2,842,885, 7-15-58, Cl. 42—69.
- Hillberg, Robert L., to United States of America, Army. Manual charger for a firearm. 2,845,001, 7-29-58, Cl. 89—1.
- Hillebrand, Earl D.: *See*—
Reeves, Herbert M., North, and Hillebrand. 2,825,399.
- Hillebrand, Earl D., to Florence Stove Co. Simplified automatic control for range. 2,828,919, 4-1-58, Cl. 236—33.
- Hillebrand, Earl D., to Geo. D. Roper Corp. Automatic control for range. 2,862,667, 12-2-58, Cl. 236—32.
- Hiller, Alfred F. Reversible awning. 2,829,711, 4-8-58, Cl. 160—57.
- Hiller Helicopters: *See*—
Bennett, James A. J. 2,843,337.
- Hiller, Vernon T., and C. L. Martin. Carpenter's slope tape. 2,825,504, 3-4-58, Cl. 235—71.
- Hillgren, Carl C. Front door lock. 2,844,953, 7-29-58, Cl. 70—146.
- Hillgren, Carl C. Lock for sliding panel. 2,855,772, 10-14-58, Cl. 70—100.
- Hilliard, Donald E.: *See*—
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- Hilliard, Robert C., to the United States of America as represented by the Secretary of the Air Force. Signal generator for clutter simulation. 2,824,221, 2-18-58, Cl. 250—27.
- Hillier, Elmer W., $\frac{1}{2}$ to R. K. Thomas. Drill grinding machine. 2,827,741, 3-25-58, Cl. 51—96.
- Hillier, James, to Radio Corp. of America. X-ray spectrometer. 2,843,750, 7-15-58, Cl. 250—53.
- Hillier, Ronald G.: *See*—
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- Hillig, John E., to Westinghouse Air Brake Co. Electronic railway track circuit. 2,863,993, 12-9-58, Cl. 246—130.
- Hilliker, William P., and H. K. Wheeler, to The American Oil Co. Lubricant for recycle gas compressor employed in hydroforming systems. 2,833,721, 5-6-58, Cl. 252—56.
- Hillman, Carl J. Combination sucker rod guide and sand purging device. 2,863,704, 12-9-58, Cl. 308—4.
- Hillman, Chester E.: *See*—
McCain, William W., and Hillman. 2,858,007.
- Hillman, Conway D.: *See*—
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- Hillman, Herbert. Induction motor. 2,842,729, 7-8-58, Cl. 318—220.
- Hillman, John H., III. Method of introducing titanium into molten metals and composition for such process. 2,844,458, 7-22-58, Cl. 75—27.
- Hillman, Swan. Packaging machine. 2,864,215, 12-16-58, Cl. 53—60.
- Hills Bros. Office, Inc.: *See*—
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- Hills, Elmer G.: *See*—
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- Hills, Elmer G., and E. S. Hewitt. Switching apparatus. 2,838,624, 6-10-58, Cl. 200—33.
- Hills, Fielding B.: *See*—
Hoehn, John J., and Hills. 2,838,305.
- Hills, Marie W., to Foster-Hochberg Mfg. Co., Inc. Waisted wearing apparel having pleats. 2,818,575, 1-7-58, Cl. 2—211.
- Hills, William B.: *See*—
Bivens, Maurice E., and Hills. 2,864,947.
- Hillson, Frank. Prefabricated inside and/or outside corner insert for edge molding strips. 2,821,754, 2-4-58, Cl. 20—74.

- Hillyer, Curtis, to Hillyer Instrument Co., Inc. Automatic precision control device. 2,853,900, 9-30-58, Cl. 74-821.
- Hillyer, Curtis, and B. A. Knauth, to Hillyer Instrument Co., Inc. Mechanism for moving work support precisely. 2,854,114, 9-30-58, Cl. 192-143.
- Hillyer Instrument Co., Inc.: See—
- Hillyer, Curtis. 2,853,900.
- Hillyer, Curtis, and Knauth. 2,854,114.
- Hillyer, John C., to Phillips Petroleum Co. Hydroxylated conjugated diolefin polymers in drying oil compositions and a method of preparing the same. 2,863,784, 12-9-58, Cl. 106-252.
- Hillyer, John C., and J. F. Wilson, to Phillips Petroleum Co. Production of oximes. 2,820,823, 1-21-58, Cl. 260-566.
- Hillyer, John C., and L. O. Edmonds, to Phillips Petroleum Co. Hydroxylated liquid copolymers and esters thereof. 2,838,478, 6-10-58, Cl. 260-85.1.
- Hilmo, Oscar M. Electric test prod. 2,831,174, 4-15-58, Cl. 339-108.
- Hilpman, Paul, to Mergenthaler Linotype Co. Typographical composing machines. 2,845,170, 7-29-58, Cl. 199-27.
- Hilpman, Paul, to Mergenthaler Linotype Co. Transfer mechanism for typographical machines. 2,852,131, 9-16-58, Cl. 199-36.
- Hilpman, Paul, and G. P. Kingsbury, to Mergenthaler Linotype Co. Automatic recasting mechanism. 2,820,544, 1-21-58, Cl. 199-47.
- Hilsinger, Arthur R., to The Hilsinger Corp. Elastic means for attaching the ends of a flexible member to a spectacle frame. 2,835,945, 5-27-58, Cl. 24-3.
- Hilsinger Corp., The: See—
- Hilsinger, Arthur R. 2,835,945.
- Hilton, Edgar A., to Hewlett-Packard Co. Electronic counter. 2,851,596, 9-9-58, Cl. 250-27.
- Hilton, Edgar A., and H. F. Elliott, to Hewlett-Packard Co. Printer. 2,864,307, 12-16-58, Cl. 101-93.
- Hilton, Harry H., to General Electric Co. Electrolytic capacitor. 2,846,624, 8-5-58, Cl. 317-230.
- Hilton, James C. Selective control and relative volumes indicator for voice and/or music amplifiers. 2,837,598, 6-3-58, Cl. 179-1.
- Hilton, John L., to The Plessey Co. Ltd. Gear pump. 2,842,066, 7-8-58, Cl. 103-126.
- Hilton, Joseph M. Combination beach bag and back rest. 2,828,808, 4-1-58, Cl. 155-154.
- Hilton, Joseph R., to California Research Corp. Fluid flow proportioning. 2,865,345, 12-23-58, Cl. 123-30.
- Hilton, Joseph R., to California Research Corp. Internal combustion engine fuel system. 2,865,355, 12-23-58, Cl. 123-139.
- Hilty, Donald C., P. H. Crayton, and J. J. Darby, to Union Carbide Corp. Exothermic manganese addition agents. 2,847,296, 8-12-58, Cl. 75-27.
- Hiltz, John P., Jr.: See—
- Geier, Bernard, and Hiltz. 2,842,228.
- Himel, Chester M., and L. P. Berriman, to Richfield Oil Corp. Crystallization of phthalic acids. 2,848,488, 8-19-58, Cl. 260-525.
- Himel, Chester M., and L. M. Richards. Process for the production of organic isocyanates. 2,866,801, 12-30-58, Cl. 260-453.
- Himelick, Robert E., to The Upjohn Co. Therapeutic composition of matter. 2,866,735, 12-30-58, Cl. 167-65.
- Himes, Charles R., and V. T. Lanphear, to Kalamazoo Vegetable Parchment Co. Machine for wrapping rolls of paper and the like. 2,851,839, 9-16-58, Cl. 53-380.
- Himes, John M., to E. R. Wagner Mfg. Co. Bearings for fork stems. 2,859,979, 11-11-58, Cl. 280-279.
- Himes, William H. Method of and means for laying out model railroad track. 2,827,633, 3-25-58, Cl. 1-60.
- Himes, William H. Injection pump drives. 2,855,914, 10-11-58, Cl. 123-139.
- Himka, John, to General Motors Corp. Easy entrance seat. 2,826,241, 3-11-58, Cl. 155-5.
- Himka, John, and E. R. Howell, Jr., to General Motors Corp. Door actuated roof closure for vehicle side door opening. 2,857,198, 10-21-58, Cl. 296-44.
- Himmel, Fred and I. Window sash constructions. 2,865,062, 12-23-58, Cl. 20-56.4.
- Himmel, Isidore: See—
- Himmel, Fred and I. 2,865,062.
- Himmelberger, Franklin: See—
- Muldoon, Robert P., Himmelberger, and Fuller. 2,842,712.
- Himmel, Walter: See—
- Lautenschlager, Hans, Friederich, Henkel, Von Kutepow, Himmele, and Raff. 2,845,451.
- Himmelheber, Max, and K. Steiner, to Allwood, Inc. Apparatus for manufacturing wood particle boards. 2,822,024, 2-4-58, Cl. 154-1.
- Himmelheber, Max, and K. Steiner, to Allwood, Inc. Method of manufacturing wood particle boards. 2,822,028, 2-4-58, Cl. 154-29.
- Himpele, Walter S. Electrical educational device. 2,859,540, 11-11-58, Cl. 35-19.
- Hincher, Lee D. Paper edge flaring machine. 2,841,056, 7-1-58, Cl. 93-36.
- Hind, Harry W., and I. Szekey, to Barnes-Hind Laboratories, Inc. Medicament dispenser. 2,861,572, 11-25-58, Cl. 128-233.
- Hinden, Milton. Damper actuating construction. 2,863,374, 12-9-58, Cl. 98-110.
- Hindenburg, Eugene D., to Ideal Industries, Inc. Wire stripper. 2,842,992, 7-15-58, Cl. 81-9.5.
- Hinderer, Harvey M. Article of disposable barbecue stove package unit. 2,842,116, 7-8-58, Cl. 126-009.
- Hindermann, Peter, H.-P. Kölliker, and P. Trautzel, to J. R. Geigy, A. G. Acid anthraquinone dyestuffs. 2,845,443, 7-29-58, Cl. 260-373.
- Hindermann, Peter, P. Trautzel, and J.-P. Jung, to J. R. Geigy, A. G. Acid anthraquinone dyestuffs. 2,859,221, 11-4-58, Cl. 260-373.
- Hindersinn, Raymond R., and S. M. Creighton, to Hooker Chemical Corp. Composition comprising an alkyl resin, organic polysiocyanate and a tertiary alcohol-concentrated acid foaming agent and method of preparing cellular resin therefrom. 2,865,869, 12-23-58, Cl. 260-2.5.
- Hindi, Ednen. Rifle rack. 2,823,808, 12-18-58, Cl. 211-64.
- Hindin, Saul G.: See—
- Boedeker, Edward R., and Hindin. 2,862,874.
- Hindle, Frederic O.: See—
- Woolley, Eben B. 2,827,555.
- Hindle, Norman F., C. D. King, and W. R. Parish, to University of Idaho Research Foundation, Inc. Means for producing efficient ignition and combustion in internal combustion engines. 2,833,265, 5-6-58, Cl. 123-191.
- Hindmarch, Thomas. Power transmission mechanism. 2,825,235, 3-4-58, Cl. 74-368.
- Hindmarch, Thomas. Power transmission mechanisms. 2,833,153, 5-6-58, Cl. 74-331.
- Hinds, Robert O. Connectors for sectional chutes. 2,821,279, 1-28-58, Cl. 193-30.
- Hinds, Ronald: See—
- Richardson, Arthur B. F. G., and Hinds. 2,825,589.
- Hindson, Eric, to Fusarc Ltd. Arc welding flux compositions. 2,865,798, 12-23-58, Cl. 148-26.
- Hine, Alfred: See—
- Fayers, Alfred A., and Hine. 2,837,829.
- Hine, Charles W., to Sarong Inc. Body garment. 2,849,003, 8-26-58, Cl. 128-547.
- Hine, Edward K.: See—
- Chillson, Charles W., and Hine. 2,826,938.
- Hine, Edward K., and C. W. Chillson, to Curtiss-Wright Corp. Ball speed changers. 2,860,530, 11-18-58, Cl. 74-796.
- Hine, Edwin W., II: See—
- Powischill, John W., Hine, and Howard. 2,861,840.
- Hine, Fredrick K., to Chrysler Corp. Convection heater. 2,843,366, 7-15-58, Cl. 257-136.
- Hinegardner, Wilbrie S., and J. W. Sprauer, to E. I. du Pont de Nemours & Co. Purification of 2-T-butylanthraquinone. 2,842,563, 7-8-58, Cl. 260-369.
- Hines, Benjamin M. Identification tag. 2,865,120, 12-23-58, Cl. 40-2.
- Hines, Claude M., to Westinghouse Air Brake Co. Interlocked pneumatic and magnetic fluid brake system. 2,860,737, 11-18-58, Cl. 188-156.
- Hines, Doyle. Power driven rolling cutter. 2,834,275, 5-13-58, Cl. 97-35.
- Hines, Eugene W. Expandable popcorn package. 2,819,976, 1-14-58, Cl. 99-171.
- Hines Flask Co., The: See—
- Hines, Russell J. 2,822,589.
- Hines, Russell J. 2,822,590.
- Hines, Russell J. 2,841,841.
- Hines, Russell J. 2,841,842.
- Hines, Harry: See—
- Gecks, Edward H., and Hines. 2,829,566.
- Hines, Leonard R.: See—
- Broquist, Harry P., Hines, and Kohler. 2,866,708.
- Hines, Marion E., to Bell Telephone Laboratories, Inc. Electron discharge device. 2,827,589, 3-18-58, Cl. 315-3.5.
- Hines, Marion E., to Bell Telephone Laboratories, Inc. Electron discharge devices. 2,844,722, 7-22-58, Cl. 250-27.
- Hines, Marion E., to Bell Telephone Laboratories, Inc. Electron discharge devices. 2,849,644, 8-26-58, Cl. 315-5.16.
- Hines, Paul: See—
- Hutchison, Paul T. and Hines. 2,842,766.
- Hines, Peter J., to United States Rubber Co. Overshoe with heel grip. 2,825,155, 3-4-58, Cl. 36-58.6.
- Hines, Russell J., to The Hines Flask Co. Flask clamp. 2,822,589, 2-11-58, Cl. 22-107.
- Hines, Russell J., to The Hines Flask Co. Method and apparatus for making castings. 2,822,590, 2-11-58, Cl. 22-110.
- Hines, Russell J., to The Hines Flask Co. Method and apparatus for molding. 2,841,841, 7-8-58, Cl. 22-96.
- Hines, Russell J., to The Hines Flask Co. Foundry flask. 2,841,842, 7-8-58, Cl. 22-106.
- Hines, Vernon C., to International Mfg. Co. Combined portable space heater and ventilator. 2,822,800, 2-11-58, Cl. 126-110.
- Hingst, Georg, and W. Emte, to Friedrich Uhde, G. m. b. H. Process for recovering sugar from natural products containing it. 2,829,985, 4-8-58, Cl. 127-44.
- Hining, Verduis L.: See—
- Robinson, Lorne M., and Hining. 2,843,144.
- Hinkamp, James B.: See—
- Hirschler, Daniel A., Jr., Irish, and Hinkamp. 2,834,662.
- Irish, Glenn, Hinkamp, and Hirschler. 2,834,664.

- Hinkamp, James B., to Ethyl Corp. Preparation of aluminum borohydride. 2,854,312, 9-30-58, Cl. 23-14.
- Hinkamp, James B., D. A. Hirschler, Jr., and G. Irish, to Ethyl Corp. Gasoline fuels. 2,834,663, 5-13-58, Cl. 44-62.
- Hinkamp, James B., and J. A. Warren, to Ethyl Corp. Method of operating a spark ignition internal combustion engine and compositions therefor. 2,855,905, 10-14-58, Cl. 123-1.
- Hinkamp, James B., and R. Sugimoto, to Ethyl Corp. Diesel fuel compositions. 2,857,253, 10-21-58, Cl. 44-62.
- Hinkel, Paul D., and E. H. Hanhart, said Hanhart assor. to said Hinkel. Fabric cleaning mechanism. 2,850,888, 9-9-58, Cl. 68-144.
- Hinkle, Malcolm E.: *See*—
White, Maurice W., Browning, and Hinkle. 2,866,212.
- Hinkle, Oliver E., to The Aro Equipment Corp. Multi-range manometer system having an automatic shut-off valve. 2,819,616, 1-14-58, Cl. 73-401.
- Hinicky, John A., and G. E. Serniuk, to Esso Research and Engineering Co. Coprecipitated hydroforming catalysts. 2,844,542, 7-22-58, Cl. 252-466.
- Hinman, Jack W., H. Hoeksema, and W. G. Jackson, to The Upjohn Co. Desalictin and salts, and hydrocarbon carboxylic acid esters. 2,851,463, 9-9-58, Cl. 260-326.3.
- Hinman, Wilbur S., and H. Diamond, to United States of America, Navy. Proximity fuze. 2,856,853, 10-21-58, Cl. 102-70.2.
- Hinn, William B. Cigarette lighter. 2,845,784, 8-5-58, Cl. 67-4.1.
- Hinrichs, Hans G., to Archer-Daniels-Midland Co. Core blowing apparatus. 2,839,798, 6-24-58, Cl. 22-10.
- Hinrichs, Kurt, to Exakta Baumenmaschinen G. m. b. H. Selective printer responsive to sound track on record card. 2,838,993, 6-17-58, Cl. 101-93.
- Hinsken, Josef: *See*—
Wenner-Gren, Axel L., Hinsken, and Rethel. 2,853,956.
- Hinspater, Emil W., and P. C. Oppelt, to Nuclear-Chicago Corp. Soldering terminal assembly. 2,846,659, 8-5-58, Cl. 339-198.
- Hinspeter, Charles W., to Controls Co. of America. Thrust bearing structure. 2,861,847, 11-25-58, Cl. 308-163.
- Hinson, Jay B. Cigarette extinguisher. 2,830,599, 4-15-58, Cl. 131-256.
- Hinson Mfg. Co.: *See*—
Hinson, William H. 2,827,096.
- Hinson, William H., to Hinson Mfg. Co. Gadget bag. 2,827,096, 3-18-58, Cl. 150-52.
- Hinton, Frank R. Automatic ignition cut-off. 2,858,391, 10-28-58, Cl. 200-61.52.
- Hinton, Frederick H.: *See*—
Round, Henry J., and Hinton. 2,829,047.
- Hinton, Kenneth G.: *See*—
Round, Henry J., and Hinton. 2,829,047.
- Hintz, Otto E., and P. Sammarco, to International Harvester Co. Forage harvester crop gathering device. 2,845,769, 8-5-58, Cl. 56-344.
- Hintz, Philip. Adjustable support. 2,855,169, 10-7-58, Cl. 248-125.
- Hintze, Rudolf, to Stempel-Hermetik G. m. b. H. Carrier for a motor compressor of a refrigerating machine. 2,823,850, 2-18-58, Cl. 230-58.
- Hintzmann, Karl: *See*—
Hempel, Herbert, Quaedyvlieg, Hintzmann, and Dahmen. 2,832,795.
- Hinz, Loyola B. Drip board device for meats. 2,866,556, 12-30-58, Cl. 210-498.
- Hipkins, Otho F. Portable abrading tool. 2,865,146, 12-23-58, Cl. 51-170.
- Hippert, Pierre R., to Societe Anonyme Les Ateliers Reunis Broyeurs Forplex. Machine for crushing, selecting and sifting materials. 2,839,251, 6-17-58, Cl. 241-56.
- Hi-Press Air Conditioning of America, Inc.: *See*—
Kristiansen, Svend H. 2,865,209.
- Hipsley, William B.: *See*—
Webb, William A., and Hipsley. 2,823,588.
- Hirasuna, Henry K. Earthworking tool. 2,857,834, 10-28-58, Cl. 97-144.1.
- Hiratsuka, Kizo, E. I. Yonemitsu, T. Itabashi, S. Date, and S. Keimatsu, to Edogawa Kagaku Kogyo Kabushiki Kaisha. Process for the production of cumene hydroperoxide. 2,861,107, 11-18-58, Cl. 260-610.
- Hironimus, Walter C., to Wilcox Gay Corp. Push button mechanism for tape recorder and play back device. 2,859,636, 11-11-58, Cl. 74-483.
- Hirsch, Alfred, to Diamond Alkali Co. Method of purifying sodium carbonate and bicarbonate solutions. 2,861,867, 11-25-58, Cl. 23-63.
- Hirsch, Benjamin L. and H., to Kellogg Co. Toy speed boats. 2,857,708, 10-28-58, Cl. 46-93.
- Hirsch, Charles J., to Hazeltine Research, Inc. Time-delay signal-repeater system. 2,827,564, 3-18-58, Cl. 250-27.
- Hirsch, George B., to Brown & Sharpe Mfg. Co. Milling machines. 2,862,422, 12-2-58, Cl. 90-21.
- Hirsch, Henry: *See*—
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- Hirsch, Irving C.: *See*—
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- Hirsch, Joel H., to Gulf Research & Development Co. Process for conversion of hydrocarbons and for transport of solid particles. 2,847,364, 8-12-58, Cl. 196-53.
- Hirsch, Joseph. Window cleaning implement. 2,859,463, 11-11-58, Cl. 15-126.
- Hirsch, Joseph, and J. M. Pollard. Rocket engine thrust control device. 2,828,604, 4-1-58, Cl. 60-35.6.
- Hirsch, Louis H., to Century Electric Co. Fluid cooled dynamo electric machine. 2,831,662, 4-22-58, Cl. 257-250.
- Hirsch, Richard A., E. H. McDonald, and H. N. Nelson, to General Motors Corp. Variable pitch propeller assembly. 2,855,056, 10-7-58, Cl. 170-135.743.
- Hirsch, Sidney: *See*—
Utley, George D., and Hirsch. 2,819,719.
- Hirsch, Sidney, and A. A. Mansbach. Flexible needle for use in intravenous therapy. 2,828,744, 4-1-58, Cl. 128-221.
- Hirsch, Wilbert. Protective cover for electrical wiring and outlets. 2,855,578, 10-7-58, Cl. 339-36.
- Hirschberg, Theodore B., Jr.: *See*—
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Jagger, Hubert. 2,853,001.
- Hirschey, Malcolm: *See*—
Alessi, Andrew J., Jr., Gottscho, and Hirschey. 2,835,376.
- Gottscho, Ira S., Hirschey, and Alessi. 2,834,285.
- Hirschfeldt, Georg. Toothbrushes. 2,848,002, 8-19-58, Cl. 132-79.
- Hirschle, Arthur J. Prescription file. 2,826,473, 3-11-58, Cl. 312-180.
- Hirschler, Alfred E.: *See*—
Kennedy, Robert M., Hirschler, and Donnell. 2,858,267.
- Hirschler, Alfred E., to Sun Oil Co. Silica-alumina-chromium fluoride catalytic compositions; their preparation; and their use in hydrocarbon conversions. 2,849,382, 8-26-58, Cl. 196-52.
- Hirschler, Alfred E., and A. Schneider, to Sun Oil Co. Catalytic composition and hydrocarbon conversion therewith. 2,849,383, 8-26-58, Cl. 196-52.
- Hirschler, Alfred E., and E. J. Janoski, to Sun Oil Co. Cracking of a hydrocarbon oil with a silica-alumina-tungsten phosphate catalyst composite. 2,865,842, 12-23-58, Cl. 208-114.
- Hirschler, Alfred E., and E. J. Janoski, to Sun Oil Co. Silica-alumina-chromia-manganese oxide catalyst and hydrocarbon conversion therewith. 2,865,843, 12-23-58, Cl. 208-120.
- Hirschler, Daniel A., Jr.: *See*—
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Irish, Glenn, Hinkamp, and Hirschler. 2,834,664.
- Hirschler, Daniel A., Jr., G. Irish, and J. B. Hinkamp, to Ethyl Corp. Gasoline fuels. 2,834,662, 5-13-58, Cl. 44-62.
- Hirshman, Stephen D., to Royal Crest Yarns, Inc. Knitting thread holder. 2,855,164, 10-7-58, Cl. 242-159.
- Hirschmann, Ralph F.: *See*—
Bailey, George A., and Hirschmann. 2,865,915.
- Hirschmann, Ralph F., and R. Miller, to Merck & Co., Inc. Improved process for preparing 9 α -fluoro- Δ 1,4,3,20-diketo-11 β ,17 α -dihydroxy-21-acetyloxypregnadiene. 2,837,541, 6-3-58, Cl. 260-397.45.
- Hirschorn, Martin. Exhaust noise abatement apparatus. 2,864,455, 12-16-58, Cl. 181-59.
- Hirshy, Harlan W., to Kimberly-Clark Corp. Apparatus for forming a multiply web product. 2,841,202, 7-1-58, Cl. 154-1.7.
- Hirsh, S. A., Mfg. Co.: *See*—
Ferdinand, Irvin J., and Bellon. 2,837,219.
- Hirsh, Stanley A., to Bulova Research and Development Laboratories, Inc. Signalling device for vacuum evaporation system. 2,866,065, 12-23-58, Cl. 219-19.
- Hirst, Archie J., to Metalastik Ltd. Suspension system for bogies of railway and like vehicles. 2,828,957, 4-1-58, Cl. 267-3.
- Hirst, Archie J., to Metalastik Ltd. Independent wheel suspension. 2,828,958, 4-1-58, Cl. 267-21.
- Hirst, Archie J., to Metalastik Ltd. Axle box mountings. 2,829,016, 4-1-58, Cl. 308-184.
- Hirst, Archie J., to Metalastik Ltd. Torsional vibration dampers. 2,834,226, 5-13-58, Cl. 74-574.
- Hirst, Archie J., to Metalastik Ltd. Independent wheel suspension. 2,836,413, 5-27-58, Cl. 267-21.
- Hirst, Archie J., to Metalastik Ltd. Suspension system for the bogies of railway and like vehicles. 2,841,096, 7-1-58, Cl. 105-197.
- Hirst, Arthur A., to Coal Industry (Patents) Ltd. Apparatus for cleaning coal or other granular material. 2,859,872, 11-11-58, Cl. 209-158.
- Hirt, Otto: *See*—
Westinger, Karl, Altenburger, and Hirt. 2,832,283.
- Hirth, Hans K.: *See*—
Neuschafer, Werner H. F. W., and Hirth. 2,841,230.
- Hirtz, John F., and A. Pfaffenbach, to Synchronic Corp. Glazing clip. 2,854,709, 10-7-58, Cl. 20-56.4.
- Hirvonen, Eric J., to Leland-Gifford Co. Automatic accurate depth control for machine tools. 2,854,869, 10-7-58, Cl. 77-32.1.
- Hiscock, Earle F., to Kip, Inc. Method of providing a coffee packet. 2,824,002, 2-18-58, Cl. 99-77.1.
- Hiscock, Earle F. Wind velocity and wind direction indicator. 2,845,797, 8-5-58, Cl. 73-189.
- Hiser, Paul K., to General Electric Co. Oscillatory friction eliminator. 2,827,610, 3-18-58, Cl. 324-155.
- Hi-Shear Rivet Tool Co.: *See*—
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- Hiskey, Clarence F. Device for ultrafiltration. 2,864,506, 12-16-58, Cl. 210-321.
- Hitachi Ltd.: *See*—
Kimura, Hiroichi, Tadano, and Morito. 2,858,443.

- Hit-A-Homa, Inc.: See—
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- Hitch, Van H. Ice cream mold. 2,860,583, 11-18-58, Cl. 107-19.
- Hitchcock, Donald F.: See—
Evans, Jesse L., and Hitchcock. 2,823,664.
- Hitchcock, Reuben Jr., S. Z. Cardon, and E. T. Alvord, to Rand Development Corp. Cigarette wrapper material and method for producing same. 2,859,753, 11-11-58, Cl. 131-15.
- Hitchcock, Walter C., and G. C. Holroyd, to United States Rubber Co. Cover cloth. 2,820,721, 1-21-58, Cl. 117-72.
- Hitchcox, Gerald L., to Arthur D. Little, Inc. Liquid level gage. 2,866,336, 12-30-58, Cl. 73-304.
- Hitchens, Aaron L., to Olin Mathieson Chemical Corp. Shot shells. 2,829,593, 4-8-58, Cl. 102-42.
- Hitchin, James. Calculators. 2,819,022, 1-7-58, Cl. 235-86.
- Hitchings, George H., and G. B. Ellison, to Burroughs Wellcome & Co. (U. S. A.) Inc. 6-substituted purine compounds and method of making. 2,830,053, 4-8-58, Cl. 260-254.
- Hitchings, George H., and G. B. Ellison, to Burroughs Wellcome & Co. (U. S. A.) Inc. 6-chloropurine. 2,832,781, 4-29-58, Cl. 260-254.
- Hite, George: See—
Roth, Julius. 2,864,068.
- Hitov, Joseph J.: See—
Rainer, William C., Redding, Hitov, Sloan, and Stewart. 2,855,517.
- Hitt, Dwight A. Sealable sanitary bags. 2,825,497, 3-4-58, Cl. 229-62.
- Hittle, Carl E., and J. J. Askins, Jr., to Radio Corp. of America. Power type selsyn motor control system. 2,833,972, 5-6-58, Cl. 318-44.
- Hittlo, Evart F.: See—
Connant, Louis A., and Hittlo. 2,834,650.
- Hitz, Gifford L., to The Fluor Corp. Ltd. Method and apparatus for forming tube turns. 2,856,981, 10-21-58, Cl. 153-48.
- Hitz, Gifford L., to The Fluor Corp. Ltd. Pull press for up-setting pipe openings. 2,859,870, 11-11-58, Cl. 207-19.
- Hitzelberger, Erwin, to Daimler-Benz Aktiengesellschaft. Snap lock. 2,831,719, 4-22-58, Cl. 292-127.
- Hivac Ltd.: See—
Back, Raymond R. 2,826,711.
- Hively, Jack R.: See—
Myers, Arthur F., and Hively. 2,837,506.
- Hix, Bud. Lever action pipe plug. 2,820,481, 1-21-58, Cl. 138-90.
- Hix, Hugh B., to E. I. du Pont de Nemours and Co. Compositions of matter. 2,822,268, 2-4-58, Cl. 75-174.
- Hix, Ira M., M. J. Kelly, and H. L. Read, to International Business Machines Corp. Electrophotographic printer. 2,859,673, 11-11-58, Cl. 95-17.
- Hixson, Arthur N., and C. B. Bare, to Bethlehem Steel Co. Method of recovering nickel from nickel and iron bearing ores. 2,829,963, 4-8-58, Cl. 75-103.
- Hixson, Raymond L.: See—
Linhart, Theo F., Jr., Fish, and Hixson. 2,851,574.
- Hixson, Raymond L., to Northrop Aircraft, Inc. Dial indicator. 2,819,531, 1-14-58, Cl. 33-172.
- Hjärpe, Eric G., to Akrlebolaget Svenska Kullagerfabriken. Pneumatic liquid pressure pump. 2,834,295, 5-13-58, Cl. 103-49.
- Hjelm, Karl E. W., to Aktiebolaget Bofors. Fuse for an explosive projectile. 2,836,118, 5-27-58, Cl. 102-71.
- Hjelte, Nils S.: See—
Brandstrom, Arne E., Hjelte, and Martensson. 2,841,589.
- Hjermstad, Erling T.: See—
Kessler, Carl C., and Hjermstad. 2,845,417.
- Hjermstad, Hans U., to Basic Products Corp. Variable power supply apparatus. 2,862,170, 11-25-58, Cl. 321-16.
- Hleb, William J., to The Singer Mfg. Co. Sewing machine needle. 2,834,310, 5-13-58, Cl. 112-226.
- Hlinsky, Emil J., to Goodman Mfg. Co. Boring type mining machine having horizontally extending trimmer bar. 2,823,023, 2-11-58, Cl. 262-7.
- Hlinsky, Emil J., to Goodman Mfg. Co. Flexible pusher plate for boring type mining machine. 2,829,875, 4-8-58, Cl. 262-7.
- Hlousek, Paul. Attachment for child's eating utensil. 2,833,084, 5-6-58, Cl. 46-116.
- Hlynsky, Alex.: See—
Di Sanza, Richard A., and Hlynsky. 2,861,098.
- Hollicka, Milo P., Jr., to National Research Corp. Production of metals. 2,847,205, 8-12-58, Cl. 266-34.
- Hnizda, Vincent, to Ethyl Corp. Process for the synthesis of manganese carbonyl. 2,822,247, 2-4-58, Cl. 23-203.
- Hoadley, Arthur W.: See—
Hagerty, Andrew T., and Hoadley. 2,861,659.
- Hoadley, Cyrus E., to Manco Mfg. Co. Timber shearing head. 2,845,101, 7-29-58, Cl. 144-34.
- Hoag, Roderick W. Method of and machine for making packets. 2,826,020, 3-11-58, Cl. 53-28.
- Hoag, Roderick W. Nursing bottle. 2,826,324, 3-11-58, Cl. 215-11.
- Hoagg, Donald D.: See—
Yee, John W., and Hoagg. 2,829,241.
- Hoag, Donald D., and A. Ross, to General Motors Corp. Automobile exhaust means. 2,856,020, 10-14-58, Cl. 180-64.
- Hoagland, Charles H. Scriber for the production of templates. 2,832,142, 4-29-58, Cl. 33-41.
- Hoagland, Earl J., to Standard Safety Equipment Co. Dielectric heat sealing apparatus. 2,822,029, 2-4-58, Cl. 154-42.
- Hoaglin, Raymond I., and D. G. Kubler, to Union Carbide Corp. 3-ethoxy-4-hexenal and method of preparing same. 2,840,612, 6-24-58, Cl. 260-602.
- Hoaglin, Raymond I., C. W. Plummer, and H. C. Schultze, to Union Carbide Corp. Production of 2,2-bisphenolic propane compounds. 2,858,343, 10-28-58, Cl. 260-619.
- Hoague-Sprague Corp.: See—
Olson, Willard A. 2,822,734.
- Hoar, Roger S.: See—
Pennington, Neal A. 2,818,934.
Pennington, Neal A. 2,823,907.
- Hoare, Michael F., to Esso Research and Engineering Co. Complex ester-phosphorus sulfide reaction products and lubricants containing them. 2,830,023, 4-8-58, Cl. 252-46.6.
- Hoare, Stephen C., to General Electric Co. Electrical measuring instrument. 2,841,767, 7-1-58, Cl. 324-147.
- Hoban, Fairfield W. Vending machine elevators and locking means for same. 2,834,647, 5-13-58, Cl. 312-71.
- Hoban, Fairfield W. Coin separators. 2,861,579, 11-25-58, Cl. 133-3.
- Hobart Brothers Co., The: See—
Schober, William R. 2,864,993.
- Hobart, John P., to General Motors Corp. Rod clamp. 2,839,319, 6-17-58, Cl. 287-3.
- Hobart Mfg. Co., The: See—
Allen, Kenneth C. 2,824,736.
Allen, Kenneth C., and Meeker. 2,858,124.
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- Hobbs, Charles C., Jr.: See—
MacLean, Alexander F., and Hobbs. 2,825,743.
- Hobbs, Frank, to Colotrym Co. Abrasive stair tread edge molding. 2,835,937, 5-27-58, Cl. 20-79.
- Hobbs, Frank, to Colotrym Co. Sealing device for a door opening. 2,856,651, 10-21-58, Cl. 20-64.
- Hobbs, Frank, to Colotrym Co. Molding. 2,856,711, 10-21-58, Cl. 40-16.
- Hobbs, George W., to General Electric Co. Radix converter. 2,860,831, 11-18-58, Cl. 235-61.
- Hobbs, George W., to General Electric Co. Number converter. 2,864,557, 12-16-58, Cl. 235-61.
- Hobbs, Howard F., to Hobbs Transmission Ltd. Variable ratio power transmission apparatus. 2,825,245, 3-4-58, Cl. 74-763.
- Hobbs, Howard F., to Hobbs Transmission Ltd. Power transmission apparatus. 2,844,043, 7-22-58, Cl. 74-330.
- Hobbs, Howard F., to Hobbs Transmission Ltd. Power transmission gears. 2,852,954, 9-23-58, Cl. 74-394.
- Hobbs, Howard F., to Hobbs Transmission Ltd. Power transmission apparatus. 2,863,327, 12-9-58, Cl. 74-472.
- Hobbs, Howard F., and A. R. H. Allen, to Hobbs Transmission Ltd. Pumps. 2,831,435, 4-22-58, Cl. 103-126.
- Hobbs, James C. Double fluid seal valve. 2,839,265, 6-17-58, Cl. 251-85.
- Hobbs, Kenneth C., R. W. Kerr, and F. E. Kite, to Corn Products Refining Co. Degradation of starch and starch derivatives. 2,833,759, 5-6-58, Cl. 260-233.3.
- Hobbs, Linder C.: See—
Bensky, Lowell S., and Hobbs. 2,845,220.
Booth, Grant W., and Hobbs. 2,865,567.
- Hobbs, Phillip A. D., and J. B. Koeneke, to The Skookum Co., Inc. Sheave assembly seal. 2,859,075, 11-4-58, Cl. 308-187.1.
- Hobbs, Rodney C. Storm door release valve. 2,820,475, 1-21-58, Cl. 137-541.
- Hobbs Transmission Ltd.: See—
Hobbs, Howard F. 2,825,245.
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Hobbs, Howard F. 2,863,327.
Hobbs, Howard F., and Allen. 2,831,435.
- Hobbs, William M., to Westinghouse Electric Corp. Post-pulse eliminator. 2,845,537, 7-29-58, Cl. 250-36.
- Hobday, Harold W., to Gurriss Mfg. Co. Control system for finish levelers. 2,846,792, 8-12-58, Cl. 37-180.
- Hobdy, James D. Spray nozzle. 2,859,728, 11-11-58, Cl. 118-306.
- Hoberg, George G., to Burroughs Corp. Beam tube switching circuits. 2,857,552, 10-21-58, Cl. 315-21.
- Hobert Mfg. Co., The: See—
Allen, Kenneth C., and Biebel. 2,860,867.
- Hobin, John L., to Thermometer Corp. of America. Thermometer construction. 2,846,881, 8-12-58, Cl. 73-34C.
- Hobrough, Gilbert L. Magnetostriiction device and method. 2,851,593, 9-30-58, Cl. 310-26.
- Hobson, Cecil B. Cultivator. 2,836,111, 5-27-58, Cl. 97-40.
- Hobson, Eric D., to Yarrow and Co. Ltd. Means of controlling the emptying of tanks containing liquids of different density. 2,851,193, 9-9-58, Cl. 222-66.

- Hobson, H. M., Ltd.: *See*—
 Fellows, Horace. 2,859,616.
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 Glaze, Stanley G., and Smith. 2,826,896.
 Greenland, Leonard S. 2,819,757.
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 Greenland, Leonard S., Westbury, and Smith. 2,830,607.
 Greenland, Leonard S., Westbury and Smith. 2,830,778.
 Smith, Charles P., and Glaze. 2,823,879.
 Smith, Charles P., Hulley, and Pugh. 2,837,121.
 Westbury, Roy. 2,859,926.
 Westbury, Roy, and Smith. 2,835,460.
 Westbury, Roy, and Smith. 2,835,461.
- Hobson, Walter. Control apparatus for a gas turbine with a plurality of intermittent type combustion chambers. 2,829,493, 4-8-58, Cl. 60—39.21.
- Hoch, Paul E., to General Aniline & Film Corp. β -(5-ace-naphthenyl)-acrylonitriles. 2,820,811, 1-21-58, Cl. 260—465.
- Hoch, Robert S.: *See*—
 Boudreaux, George S., and Hoch. 2,852,091.
- Hoch, Robert S., to Phillips Petroleum Co. Method of removing liquid from well bore hole. 2,836,246, 5-27-58, Cl. 166—3.
- Hoch, Winton C., to Cineraam, Inc. Finder for multiplex cameras. 2,828,664, 4-1-58, Cl. 88—1.5.
- Hochberg, Seymour, and D. G. Bosse, to E. I. du Pont de Nemours and Co. Process of and apparatus for dispersing pigments in film-forming materials by agitation with sand. 2,855,156, 10-7-58, Cl. 241—22.
- Hochgraf, Lester, and W. Koenig, Jr., to Bell Telephone Laboratories, Inc. Subscriber-loop carrier telephone ringing systems. 2,837,605, 6-3-58, Cl. 179—84.
- Hochman, Daniel, to Radio Corp. of America. Single-sideband filter. 2,839,732, 6-17-58, Cl. 333—72.
- Hochman, Julius C. Duplicating ribbon attachment. 2,838,157, 6-10-58, Cl. 197—153.
- Hochreiter, Edward J., to The Budd Co. Checking fixture or model. 2,856,695, 10-21-58, Cl. 33—174.
- Hochreuter, Johann. Elastic shaft couplings. 2,824,435, 2-25-58, Cl. 64—30.
- Hochreuter, Johann. Lubricating device for the power transmission bolt of elastic shaft couplings. 2,859,598, 11-11-58, Cl. 64—10.
- Hochstetter, Paul E. Stabilization of regular voltage under severe vibration. 2,848,679, 8-19-58, Cl. 322—28.
- Hochstrasser, Heinrich R. Rotary means for facilitating the driving or extraction of piles or the like. 2,830,442, 4-15-58, Cl. 61—73.
- Hochwalt, Carroll A., to Monsanto Chemical Co. Melamine process. 2,833,765, 5-6-58, Cl. 260—249.7.
- Hockel, Hans L., to Motoren-Werke Mannheim A. G. vorm Benz, Abt. Stat. Motorenbau. Compression ignition engines. 2,853,060, 9-23-58, Cl. 123—32.
- Hockert, Chester E., to General Motors Corp. Air inlet screens. 2,835,342, 5-20-58, Cl. 183—70.
- Hockert, Chester E., and C. A. Short, Jr., to General Motors Corp. Gas turbine engine with oil splash shields. 2,861,421, 11-25-58, Cl. 60—39.08.
- Hockery, John C.: *See*—
 McLean, Robert E. 2,866,263.
 Snell, John E. 2,844,400.
- Hockert, Robert C.: *See*—
 Ruskin, Simon L., and Hockett. 2,853,495.
- Hockett, Sebern W.: *See*—
 Bonowitz, Paul W., Fufts, and Hockett. 2,826,552.
- Hockstein, Alfred R., and J. F. Hagariv, to Westinghouse Electric Corp. Elevator systems. 2,836,262, 5-27-58, Cl. 187—29.
- Hoda Corp.: *See*—
 Colombo, George, and Orlov. 2,842,642.
- Hodanek, Edwin R. Adjustable axle shaft spacer blocks. 2,865,229, 12-23-58, Cl. 74—713.
- Hoddy, Gerald L., to Universal Electric Corp. Shaded pole motor. 2,827,583, 3-18-58, Cl. 310—172.
- Hodge, Edward B., to Commercial Solvents Corp. Nitroprop-enediol dicarboximates. 2,827,479, 2-18-58, Cl. 260—482.
- Hodge, Fred E. Flow indicator. 2,827,008, 3-18-58, Cl. 116—117.
- Hodge, Gerard T. Sheet binding apparatus. 2,820,974, 1-28-58, Cl. 11—1.
- Hodge, James: *See*—
 Barr, John C., and Hodge. 2,836,347.
- Hodge, John M.: *See*—
 Heger, James J., Hodge and Smith. 2,865,740.
- Hodge, William F.: *See*—
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- Hodge, William F., to General Electric Co. Filament connection for electric lamps. 2,830,217, 4-8-58, Cl. 313—274.
- Hodge, William F., to General Electric Co. Electric discharge lamp. 2,841,733, 7-1-58, Cl. 313—184.
- Hodges, Clarence B. Drafting pen. 2,842,100, 7-8-58, Cl. 120—109.5.
- Hodges, Dewey W. Instrument for measuring linear dimensions. 2,831,253, 4-22-58, Cl. 33—147.
- Hodges, Merwyn E., and H. T. Seeley, to General Electric Co. Impedance type electronic relay. 2,845,581, 7-29-58, Cl. 317—36.
- Hodges Research and Development Co.: *See*—
 Williams, Beverly E. 2,824,011.
 Williams, Beverly E. 2,852,391.
- Hodges, Robert H. Inflatable crash protector for vehicles. 2,860,003, 11-11-58, Cl. 296—84.
- Hodges, Robert T. Antiseptic dispensing attachment for telephones. 2,840,649, 6-24-58, Cl. 179—185.
- Hodges, Warren E.: *See*—
 Russell, John L., and Hodges. 2,862,078.
- Hodges, Wetmore: *See*—
 McAdam, Harry H. 2,846,599.
- Hodges, Wetmore, and Associates: *See*—
 McAdam, Harry H. 2,846,599.
- Hodgens, George C. Lathe-type drill. 2,832,240, 4-29-58, Cl. 77—32.
- Hodgins, George R., to Litho Chemical and Supply Co., Inc. Lithographic coating solution and lithographic plates coated therewith. 2,826,501, 3-11-58, Cl. 96—91.
- Hodgins, George R., and R. F. Leonard, to Litho Chemical and Supply Co. Inc. Lacquer emulsion for lithographic plates. 2,865,873, 12-23-58, Cl. 260—17.4.
- Hodgins, Theodore S.: *See*—
 Allyn, Charles L., Barrentine, Hodgins, Shelton, and Rawson. 2,849,492.
 Barrentine, Eugene M., Hodgins, and Shelton. 2,862,897.
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- Hodgkin, Alan F.: *See*—
 Hutchings, Edward G., and Hodgkin. 2,866,444.
- Hodgson, Howard E. Controller for inductive devices. 2,841,747, 7-1-58, Cl. 317—123.
- Hodgson, Robert F., to The New York Air Brake Co. Stabilizing means for high pressure hydraulic valves of the plunger type. Re. 24,580, 12-23-58, Cl. 137—622.
- Hodler, Fritz. Method of and apparatus for damping shocks in die-casting machines. 2,839,800, 6-24-58, Cl. 22—68.
- Hodowanec, Gregory: *See*—
 Holborn, Frederick. 2,836,754.
- Hodowanec, Gregory, to National Union Electric Corp. Dark trace cathode-ray tubes and screens therefor. 2,836,753, 5-27-58, Cl. 313—92.
- Hodsell, Mrs. Ruby A.: *See*—
 Evans, Wil. Re. 24,444.
- Hodson, Adrian Z.: *See*—
 Louder, Earl A., and Hodson. 2,832,686.
- Hodson, Peter, to Apra Precipitator Corp. Purge cycles for precipitator. 2,835,337, 5-20-58, Cl. 183—7.
- Hodum, Joseph B., to Allis-Chalmers Mfg. Co. Electrical distribution system with automatic sectionalizing switch. 2,861,222, 11-18-58, Cl. 317—22.
- Hoe, R., & Co. Inc.: *See*—
 Dressel, Arthur. 2,821,919.
 Harless, Charles A. 2,818,804.
 Harless, Charles A. 2,818,806.
 Harless, Charles A. 2,818,950.
 Harless, Charles A. 2,832,288.
 Harless, Charles A. 2,833,212.
 Harless, Charles A. 2,840,376.
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 Harless, Charles A. 2,861,516.
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- Hoecker, Albert C., to General Electric Co. Steam and dampening iron. 2,819,543, 1-14-58, Cl. 38—77.
- Hoefel, Karl E., to E. A. Feustel. Yarn carrier of circular hosiery knitting machines. 2,836,042, 5-27-58, Cl. 66—125.
- Hoefel, Karl E., to E. A. Feustel. Yarn carriers of circular knitting machines. 2,861,442, 11-25-58, Cl. 66—125.
- Hoefel, William F. Screen for molding flasks. 2,835,007, 5-20-58, Cl. 22—134.
- Hoefle, Milton L., and D. I. Randall, to General Aniline & Film Corp. Anthraquinone dyestuffs. 2,850,510, 9-2-58, Cl. 260—373.
- Hoeflich, Victor T. Paper hat with integral visor. 2,827,636, 3-25-58, Cl. 2—195.
- Hoeflich, Victor T. Tool for nicking steel rule dies. 2,866,266, 12-30-58, Cl. 30—277.
- Hoefs, Edwin G., and G. T. Litton, to Chance Vought Aircraft, Inc. Data computer for converting oscillograph traces into direct-reading records. 2,866,596, 12-30-58, Cl. 235—61.
- Hoehn, John J., and F. B. Hills, to Radio Corp. of America. Magnetic recording and reproducing apparatus. 2,838,305, 6-10-58, Cl. 271—2.3.
- Hoehn, Willard M.: *See*—
 Pappo, Raphael, and Hoehn. 2,851,454.
 Strojny, Edwin J., and Hoehn. 2,844,603.
- Hoehn, Willard M., to G. D. Searle & Co. 7-cinnamoyl-octahydrophenanthrene-1-carbonitriles. 2,832,796, 4-29-58, Cl. 260—464.
- Hoehn, Willard M., to G. D. Searle & Co. A-ring-acylated estrone derivatives, and corresponding alcohols, their esters, and ethers. 2,846,453, 8-5-58, Cl. 260—397.4.

- Hoehn, Willard M., to G. D. Searle & Co. 6-aryloxyacyl dehydroabietic acid esters. 2,846,463, 8-5-58, Cl. 260—468.5.
- Hoehn, Willard M., to G. D. Searle & Co. 6-haloacyl-1,4a-dimethyl-7-isopropyl-1,2,3,4,4a,9,10,10a-octahydrophenanthrene-1-carbonitriles. 2,854,471, 9-30-58, Cl. 260—464.
- Hoehn, Willard M., to G. D. Searle & Co. Esters of hydroxy-1,9-oxodehydroabietic acid. 2,862,955, 12-2-58, Cl. 260—468.5.
- Hoehn, Willard M., and R. H. Bible, Jr., to G. D. Searle & Co. 2-arylmethylene-4a-methyl-6-hydroxy-1,2,3,4,4a,9,10,10a-octahydro-1-phenanthrones and derivatives thereof. 2,832,805, 4-29-58, Cl. 260—586.
- Hoehn, Willard M., and W. F. Johns, to G. D. Searle & Co. A-ring hydroxyalkylated estrone and estradiol derivatives. 2,853,501, 9-23-58, Cl. 260—397.4.
- Hoekstra, Age H., and H. A. Klasens, to North American Phillips Co., Inc. Lead activated barium zinc silicate phosphor. 2,846,403, 8-5-58, Cl. 252—301.6.
- Hoekstra, Henry R.: *See*—
Miller, Daniel R., and Hoekstra. 2,864,665.
- Hoekstra, James, to Universal Oil Products Co. Hydrocracking with a catalyst comprising aluminum, or aluminum chloride, titanium tetrachloride and hydrogen chloride. 2,865,841, 12-23-58, Cl. 208—108.
- Hoekstra, James, to Universal Oil Products Co. Spheroidal alumina. 2,865,866, 12-23-58, Cl. 252—448.
- Hoekstra, Piet, to North American Phillips Co., Inc. Device comprising electric light source fed by pulses. 2,829,315, 4-1-58, Cl. 315—208.
- Hoel, Leroy W., and D. L. Wolfe, to Kimberly-Clark Corp. Method of coating paper. 2,860,073, 11-11-58, Cl. 117—76.
- Hoell, Paul C., to E. I. du Pont de Nemours and Co. Computing measuring apparatus. 2,836,357, 5-27-58, Cl. 235—61.
- Hoellrich, John L., and J. Diaz C., to Admiral Corp. Radiation measuring apparatus. 2,866,904, 12-30-58, Cl. 250—71.
- Hoelscher, William G., to The American Tool Works Co. Clamping and elevating apparatus for machine tools. 2,836,086, 5-27-58, Cl. 77—28.
- Hoeltje, Frederick W.: *See*—
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Bain, William R., Hoeltje, Johnson, and Wheatley. 2,857,182.
- Hoeltje, Hubert H., and J. L. Groom, to Collins Radio Co. Shaft latching device and quick disconnect coupling for shafts parallel but not colinear. 2,824,461, 2-25-58, Cl. 74—483.
- Hoelzel, Herman H. Apparatus for installing bulk insulation material. 2,834,059, 5-13-58, Cl. 19—72.
- Hoene, John V. Portable duck blinds. 2,827,729, 3-25-58, Cl. 43—1.
- Hoepfer, George F. Collapsible trailer. 2,826,425, 3-11-58, Cl. 280—36.
- Hoepfner, Arthur D., to Bemis Bro. Bag Co. Closures for flexible walled containers. 2,842,179, 7-8-58, Cl. 150—7.
- Hoepfner, Conrad H.: *See*—
Segerstrom, Carl A., Hoepfner, and Abate. 2,834,833.
- Hoepfner, Conrad H. Secondary emission trigger circuit. 2,845,534, 7-29-58, Cl. 250—27.
- Hoerner, Eric. Liquid meters. 2,860,512, 11-18-58, Cl. 73—251.
- Hoernner, William: *See*—
Smith, Harlan M., Hoernner, and Davidson. 2,824,836.
- Hoerr, Burkhardt R.: *See*—
Kersh, Ronald C., and Hoerr. 2,823,539.
- Hoerr, Burkhardt R., to C. & H. Specialties Co. Nail stake. 2,835,017, 5-20-58, Cl. 25—118.
- Hoerter, John J., to Esso Research and Engineering Co. Tube plugging device. 2,856,963, 10-21-58, Cl. 138—89.
- Hoertz, Joseph B., to The B. F. Goodrich Co. High stability latexes. 2,847,404, 8-12-58, Cl. 260—80.
- Hoesch, Elmer D., to Allis-Chalmers Mfg. Co. Backseated inlet valve. 2,866,615, 12-30-58, Cl. 251—229.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Weaving pile fabric. 2,833,201, 5-27-58, Cl. 139—39.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Tuft loop height controlled by looper. 2,842,080, 7-8-58, Cl. 112—79.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Yarn feed for needling or knitting or the like. 2,842,259, 7-8-58, Cl. 203—4.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Pile fabric. 2,845,960, 8-5-58, Cl. 139—402.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Pile jump fabric. 2,845,961, 8-5-58, Cl. 139—406.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Carpet weaving with improved coverage. 2,864,408, 12-16-58, Cl. 139—39.
- Hoexter, Leo G. Collapsible pillow support. 2,863,156, 12-9-58, Cl. 5—325.
- Hoey, Thomas G., 1/2 to Edward E. Grazia. Butter slicer. 2,825,969, 3-11-58, Cl. 31—21.
- Hof, Eduard: *See*—
Köhler, Otto. 2,850,868.
- Hofacker, Henry B., to United States of America, Atomic Energy Commission. Magnets. 2,853,657, 9-23-58, Cl. 317—158.
- Hofberger, Fred C. Flush tank and operating means therefor. 2,849,724, 9-2-58, Cl. 4—57.
- Hofberger, Fred C. Air cooled pulley for abrasive belt grinders. 2,850,852, 9-9-58, Cl. 51—135.
- Hofe, George D. Receptacle closure. 2,844,266, 7-22-58, Cl. 215—64.
- Hofer, David T. Silo unloader. 2,858,033, 10-28-58, Cl. 214—17.
- Hofer, Hermann, to Zahnradfabrik Friedrichshafen. Apparatus for generating involutes. 2,855,678, 10-14-58, Cl. 33—27.
- Hofer, Max, to Maschinenfabrik Augsburg-Nürnberg A. G. Automatic cut-off device. 2,840,064, 6-24-58, Cl. 123—97.
- Hofer, Ottmar F., to International Telephone and Telegraph Corp. Rotary coupling. 2,857,185, 10-21-58, Cl. 287—1.
- Hofer, Walter D. Rotary pick up for grain combines. 2,829,485, 4-8-58, Cl. 56—364.
- Höfermann, Horst: *See*—
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- Hoff, Edwin L. Adjustable and collapsible mechanic's step. 2,851,312, 9-9-58, Cl. 304—15.
- Hoff, Melvern C.: *See*—
Fields, Ellis K., Watson, and Hoff. 2,864,737.
- Hoff, Melvern C., to Standard Oil Co. Process for production of durenene. 2,837,584, 6-3-58, Cl. 260—671.
- Hoff, Melvern C., and D. E. Burney, to Standard Oil Co. Separation of xylene isomers. 2,848,517, 8-19-58, Cl. 260—674.
- Hoff, Melvern C., E. K. Fields, and R. W. Watson, to Standard Oil Co. Metal derivatives of organic phosphates and phosphites. 2,866,732, 12-30-58, Cl. 167—22.
- Hoff, Richard L.: *See*—
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- Hoff, Richard L., and A. M. Bounds, to Superior Tube Co. Tungsten-zirconium-nickel cathodes. 2,833,647, 5-6-58, Cl. 75—170.
- Hoff, Wilbur L., to Western Electric Co., Inc. Color coding apparatus. 2,865,323, 12-23-58, Cl. 118—314.
- Hoffar, Henry S. Vibratory flexible silencers. 2,859,830, 11-11-58, Cl. 181—49.
- Hoffee, Joseph M. Belt making machine. 2,821,385, 1-28-58, Cl. 270—61.
- Hoffer, Wallace: *See*—
McCormick, Jerry R. D., and Hoffer. 2,846,376.
- Hofferbert, Raymond P., J. P. Szumski, and W. L. D. McKay, to United Shoe Machinery Corp. Protective covering of leather. 2,823,157, 2-11-58, Cl. 154—131.
- Hofferth, Burr E.: *See*—
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- Hoffhine, Charles E.: *See*—
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- Hoffman, Allan C.: *See*—
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- Hoffman, Allen D.: *See*—
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Gottfried, Robert E., Hoffman, and Ridenour. 2,843,655.
- Hoffman, August R. Barrel plating. 2,844,528, 7-22-58, Cl. 204—23.
- Hoffman, Carl H., to Merck & Co., Inc. Tris-(2-tetrahydro-pyranyl) esters of 6,8-bis (hydrocarbonmercapto)-4,4-dicarboxy-5-oxocaprylic acid and preparation thereof. 2,852,531, 9-16-58, Cl. 260—345.8.
- Hoffman, Carl H., and D. E. Wolf, to Merck & Co., Inc. Derivatives of β -hydroxy- β -methyl- γ -formylbutyric acid. 2,857,420, 10-21-58, Cl. 260—483.
- Hoffman, Charles L. Portable dressing tray. 2,842,781, 7-15-58, Cl. 5—93.
- Hoffman, Donald B. Elevator load transducer. 2,848,892, 8-26-58, Cl. 73—141.
- Hoffman, Dorothy M.: *See*—
Riseman, Jacob, Hoffman, and Solow. 2,847,325.
- Hoffman Electronics Corp.: *See*—
Bryant, Joseph N. 2,852,623.
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- Daniels, John W., and Taegtstroem. 2,835,793.
- Danta, Robert C. 2,844,038.
- Davis, Clyde W. 2,825,978.
- De Witz, Gerhard H. 2,839,678.
- Downes, Lloyd C. 2,863,053.
- Doyle, James H. 2,863,125.
- Dutton, Oscar B. 2,844,650.
- Felburg, Buddy M. 2,847,596.
- Geer, Charles W. 2,850,669.
- Jacobsen, Lance R. 2,827,521.
- Jacobsen, Lance R. 2,829,211.
- Jacobsen, Lance R. 2,847,567.
- Jacobsen, Lance R., and Wood. 2,821,654.
- Jahns, Edward R. 2,841,110.
- Knap, Ira J. 2,864,897.
- Lord, Dwight S. 2,866,897.
- Maass, Charles F. 2,866,089.
- Maass, Charles F., and Punderburg. 2,866,096.
- McCoy, Marcus A. 2,823,303.
- Messner, Daryle. 2,866,188.
- Ross, Bernd. 2,863,105.
- Ruth, Linus C. 2,854,592.
- Satchell, Clarence G. 2,838,625.
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- Schmidt, Fred W. 2,863,956.
- Schneider, Seymour. 2,827,574.
- Schwarz, Friedrich W. 2,830,278.
- Speer, Joseph G. 2,830,240.
- Stellmacher, Donald D. 2,824,238.
- Textron, Ralph. 2,864,610.
- Tulleners, Andre P. 2,866,094.

- Hoffman, Erich**, to H. Lindner, G. m. b. H. Tool maker's microscope for detachable mounting in a spindle of a machine tool. 2,825,265, 3-4-58, Cl. 88—39.
- Hoffman, Frances**: *See*—
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- Hoffman, George J.**: *See*—
Chalmers, William E., and Hoffman. 2,844,261.
- Hoffman, Henry A., Jr.**, and W. K. Wilkinson, to E. I. du Pont de Nemours and Co. Cellulose derivatives. 2,849,330, 8-26-58, Cl. 106—169.
- Hoffman, Henry L.** Truss pad structure. 2,836,176, 5-27-58, Cl. 128—106.
- Hoffman, Herbert E.** Vaporizing devices. 2,850,321, 9-2-58, Cl. 299—24.
- Hoffman, Herbert I.**: *See*—
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- Hoffman, Herbert O., V. E. Scobey, and W. Wiles**, to The Faultless Rubber Co. Feminine syringe. 2,818,863, 1-7-58, Cl. 128—241.
- Hoffman, John.** Fire place conversion unit. 2,863,443, 12-9-58, Cl. 126—121.
- Hoffman, John D., Jr.**, and J. M. Hait, to Food Machinery and Chemical Corp. Apparatus for orienting fruit. 2,843,251, 7-15-58, Cl. 198—33.
- Hoffman, John E.**: *See*—
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- Hoffman, Kiva.** Lipstick refills. 2,858,937, 11-4-58, Cl. 206—56.
- Hoffman, Lewis C.**, to E. I. du Pont de Nemours and Co. Thermofluid vehicle. 2,823,138, 2-11-58, Cl. 106—311.
- Hoffman, Markus**, to H. J. Enthoven Sons Ltd. Process for refining lead. 2,843,476, 7-15-58, Cl. 75—78.
- Hoffman, Mary V.**: *See*—
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- Hoffman, Milton C.**, to Sylvania Electric Products, Inc. Apparatus for cathaporetic application of coating. 2,843,596, 7-15-58, Cl. 204—299.
- Hoffman, Orren D.**: *See*—
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- Hoffman, Oscar**: *See*—
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- Hoffman, Oscar.** Rotatable brush. 2,827,646, 3-25-58, Cl. 15—25.
- Hoffman, P. R. Co.**: *See*—
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- Hoffman, Paul R.**, to Burroughs Corp. Transverse record scanning mechanism. 2,850,238, 9-2-58, Cl. 235—61.11.
- Hoffman, Philip A.**, to The Martin Co. Multiple object tracking system. 2,857,592, 10-21-58, Cl. 343—15.
- Hoffman, Philip R.**, to P. R. Hoffman Co. Piezoelectric crystal support. 2,850,651, 9-2-58, Cl. 310—9.4.
- Hoffman Radio Corp.**: *See*—
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- Meng, Eugene D., Keyes, and Creutz.** 2,860,310.
- Hoffman, Ray L.**, to The Mosier Lock Co. Key changed tumbler clamp. 858,691, 11-4-58, Cl. 70—323.
- Hoffman, Richard T.** Hydraulic dredge. 2,826,836, 3-18-58, Cl. 37—58.
- Hoffman, Roscoe C.** Vehicle suspension with interconnected steering and camber adjusting means. 2,828,969, 4-1-58, Cl. 280—95.
- Hoffman, Roy D.**, and V. A. Carlson. Rumen trocar extricator. 2,853,075, 9-23-58, Cl. 128—356.
- Hoffman, Sam.** Illuminated handbag. 2,827,559, 3-18-58, Cl. 240—6.45.
- Hoffman, Walter H.** Choline ascorbate, methods for producing same, and compositions thereof. 2,823,166, 2-11-58, Cl. 167—81.
- Hoffman, Wayne G.**, to The Moline Tool Co. Apparatus for preventing workpiece scoring on withdrawal of a boring tool. 2,826,944, 3-18-58, Cl. 77—4.
- Hoffman, William E.** Hot top construction. 2,858,588, 11-4-58, Cl. 22—147.
- Hoffmann, Charles**: *See*—
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- Hoffmann, Daniel C.**, and C. G. Dewey, to General Electric Co. Control system for starting electric current rectifying apparatus. 2,864,051, 12-9-58, Cl. 321—48.
- Hoffmann Electronics Corp.**: *See*—
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- Hoffmann, Erich**, to Herbert Lindner, G. m. b. H. Optical device for fine adjustment of movable machine parts, including photo-electric indicating means. 2,852,976, 9-23-58, Cl. 88—14.
- Hoffmann, Eugene E.**, to Radio Corp. of America. Gas pressure testing and control apparatus. 2,861,861, 11-25-58, Cl. 316—27.
- Hoffmann, Heinrich**, to Daimler-Benz Akt. Internal combustion engine of the diesel type. 2,858,810, 11-4-58, Cl. 123—32.
- Hoffmann, Heinrich**, to Daimler-Benz Akt. Internal combustion engine of the fuel injection type. 2,858,812, 11-4-58, Cl. 123—32.
- Hoffmann, Heinrich**, and H. Freude, to Daimler-Benz Akt. Internal combustion engine of the diesel type. 2,857,891, 10-28-58, Cl. 123—32.
- Hoffmann, Karl, J. Heer, E. Sury, and E. Urech**, to Ciba Pharmaceutical Products, Inc. 2-Diphenyl-methyl-piperidine. 2,820,038, 1-14-58, Cl. 260—293.
- Hoffmann, Karl, J. Heer, E. Sury, and E. Urech**, to Ciba Pharmaceutical Products, Inc. 2-diphenylmethyl-piperidine compounds. 2,826,583, 3-11-58, Cl. 260—293.
- Hoffmann, Karl, and E. Sury**, to Ciba Pharmaceutical Products, Inc. 2-(1'-phenyl-lower alkyl) piperidines and their intermediates. 2,830,057, 4-8-58, Cl. 260—290.
- Hoffmann, Karl, and J. Herr**, to Ciba Pharmaceutical Products, Inc. New alkyl-aminoalkyl-compounds and process for their manufacture. 2,838,506, 6-10-58, Cl. 260—243.
- Hoffmann, Karl, and J. Herr**, to Ciba Pharmaceutical Products, Inc. 2-(thienyl methyl) piperidines. 2,838,516, 6-10-58, Cl. 260—293.4.
- Hoffmann, Karl, and E. Urech**, to Ciba Pharmaceutical Products, Inc. α -(p-amino-phenyl)- α -lower alkyl glutarimides. 2,848,455, 8-19-58, Cl. 260—281.
- Hoffmann, Karl, J. Heer, E. Sury, and E. Urech**, to Ciba Pharmaceutical Products, Inc. Piperidines and their manufacture. 2,849,453, 8-26-58, Cl. 260—293.
- Hoffmann, Karl, and E. Urech**, to Ciba Pharmaceutical Products, Inc. Heterocyclic compounds and process for producing same. 2,852,510, 9-16-58, Cl. 260—239.3.
- Hoffmann, Karl, and E. Urech**, to Ciba Pharmaceutical Products, Inc. Heterocyclic compounds and method for producing same. 2,852,528, 9-16-58, Cl. 260—327.
- Hoffmann-La Roche Inc.**: *See*—
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- Bauernfeind, Jacob C.**, and Bunnell. 2,861,891.
- Boller, Arthur, Fürst, and Majnani.** 2,862,002.
- Brossi, Arnold, Schneider, and Walter.** 2,830,992.
- Brossi, Arnold, Schneider, and Walter.** 2,830,993.
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- Cannalonga, Marco A.** 2,862,852.
- Chase, George O.**, and Kimel. 2,849,490.
- Colaiani, Louis J.**, and Tanzer. 2,841,620.
- Cole, Marc.** 2,839,527.
- Engel, Carl E.**, and Harris. 2,843,370.
- Goldberg, Moses W.**, and Jampolsky. 2,853,487.
- Gutmann, Hugo, Isler, and Straub.** 2,855,400.
- Hegedus, Balthasar.** 2,862,020.
- Hollander, Charles W. D.** 2,819,272.
- Inhoffen, Hans H.** 2,840,586.
- Isler, Otto, Lindlar, Montavon, Rüegg, and Zeller.** 2,849,495.
- Isler, Otto, Lindlar, Montavon, Rüegg, and Zeller.** 2,849,507.
- Isler, Otto, Lindlar, and Rüegg.** 2,849,506.
- Isler, Otto, Montavon, Rüegg, Saucy, and Zeller.** 2,827,481.
- Isler, Otto, Montavon, Rüegg, Saucy, and Zeller.** 2,827,482.
- Isler, Otto, Montavon, Rüegg, Saucy, and Zeller.** 2,845,440.
- Isler, Otto, Montavon, Rüegg, Saucy, and Zeller.** 2,845,460.
- Isler, Otto, Montavon, Rüegg, and Zeller.** 2,819,297.
- Isler, Otto, Montavon, Rüegg, and Zeller.** 2,819,298.
- Isler, Otto, Montavon, Rüegg, and Zeller.** 2,819,312.
- Isler, Otto, Montavon, Rüegg, and Zeller.** 2,842,599.
- Isler, Otto, Montavon, Rüegg, and Zeller.** 2,843,631.
- Isler, Otto, Montavon, Rüegg, and Zeller.** 2,846,475.
- Isler, Otto, Montavon, Rüegg, and Zeller.** 2,846,487.
- Isler, Otto, Montavon, Rüegg, and Zeller.** 2,857,423.
- Isler, Otto, and Rüegg.** 2,849,466.
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- Kimel, Walter, and Sax.** 2,839,579.
- Kirchensteiner, Hans, Schlapfer, and Spiegelberg.** 2,862,003.
- Kirchensteiner, Hans, and Spiegelberg.** 2,862,001.
- Lindlar, Herbert.** 2,839,570.
- Lutz, August H., and Schneider.** 2,845,431.
- Lutz, August H., and Schneider.** 2,853,490.
- Parkas, Walter G., and Flexser.** 2,843,593.
- Pecherer, Benjamin.** 2,833,824.
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- Plati, John T.** 2,839,583.
- Scheibel, Edward G.** 2,850,362.
- Schmidt, Robert A., and Wenner.** 2,855,399.
- Schneider, Otto, and Urban.** 2,839,536.
- Sturzenegger, August.** 2,861,109.
- Sturzenegger, August.** 2,863,922.
- Surmatis, Joseph D.** 2,824,896.
- Surmatis, Joseph D.** 2,833,811.
- Surmatis, Joseph D.** 2,833,812.
- Surmatis, Joseph D.** 2,840,583.
- Surmatis, Joseph D.** 2,847,479.
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- Hoffmann, Roger W.**, to American Potash & Chemical Corp. Electrode and its manufacture. 2,846,378, 8-5-58, Cl. 204—12.
- Hoffmann, Ulrich**: *See*—
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- Hoffmann, Walter**, to Aktiebolaget Separator. Centrifugal separator for purifying liquids which emit harmful vapors. 2,823,853, 2-18-58, Cl. 233—21.
- Hoffmann, Walter W.**, to Durant Mfg. Co. Resetting means for number wheels. 2,858,986, 11-4-58, Cl. 235—144.
- Hoffmann, Walter W.**, and C. W. Braatz, to Durant Mfg. Co. Add and subtract counter. 2,857,101, 10-21-58, Cl. 235—92.

- Hoffmanns, Frederic E.**, to Toledo Scale Corp. Unit weight mechanism for weighing scales. 2,851,262, 9-9-58, Cl. 265-48.
- Hoffmaster, Warren C.** Film holder. 2,824,491, 2-25-58, Cl. 88-24.
- Hoffmeister, Erich.** Tool for grinding, polishing, boring and milling for dental and medical purposes. 2,851,777, 9-16-58, Cl. 32-26.
- Hoffmeister, Erich.** Angle handpiece heads, more particularly for dental purpose. 2,853,781, 9-30-58, Cl. 32-27.
- Hoffmeister, Hans G.**, to Food Machinery and Chemical Corp. Carton forming apparatus. 2,844,076, 7-22-58, Cl. 93-51.
- Hoffstadt, Edwin G.**, ¹/₂ to W. A. Back. Spinning toy. 2,826,861, 3-18-58, Cl. 46-47.
- Hofing, Frederick H.**, to the United States of America as represented by the Secretary of the Navy. Switch-actuating mechanism. 2,831,076, 4-15-58, Cl. 200-31.
- Hofker, Willem K.**, to North American Philips Co., Inc. Amplitude control for oscillators. 2,843,746, 7-15-58, Cl. 250-36.
- Hofmann, Alfred, & Co.**: See—
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- Hofmann, Alfred L.**, to Kiekhaefer Corp. Stator mounting for flywheel magneto. 2,835,833, 5-20-58, Cl. 310-153.
- Hofmann, Helmut**: See—
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- Hofmann, Karl**, ¹/₂ to P. O. Tobeler, doing business under the name of Trans-Oceanic. Educational abacus set. 2,840,927, 7-1-58, Cl. 35-73.
- Hofmann, Ulrich.** Hinged lid construction. 2,850,200, 9-2-58, Cl. 220-31.
- Hofmann, Walter**, 70% to Fastel Corp., Inc. Device and method for producing respiration. 2,821,189, 1-28-58, Cl. 128-29.
- Hofmann, Wilhelm**: See—
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- Hofsbagen, Olav.** Arrangement of maps. 2,846,782, 8-12-58, Cl. 35-42.
- Hofstede, Marinus J.**, to Shell Development Co. Method and apparatus for the combustion of hydrogen sulfide and the production of sulfur. 2,836,481, 5-27-58, Cl. 23-225.
- Hofstetter, Emil**, to Geistlich, Ed., Sohne A. G. fur Chemische Industrie. β -diethylamino butyric acid anilide, non-toxic salts thereof and aqueous local anesthetic solutions therewith. 2,851,393, 9-9-58, Cl. 167-52.
- Hogaboom, George B., Jr.** Electroplating hanger to support a plurality of articles. 2,841,549, 7-1-58, Cl. 204-297.
- Hogan, John E.**, to Northrop Aircraft, Inc. Aircraft door lock. 2,833,580, 5-6-58, Cl. 292-302.
- Hogan, John P.**, to Phillips Petroleum Co. Selective removal of acetylene from olefin and/or diolefin containing hydrocarbon streams. 2,851,504, 9-9-58, Cl. 260-677.
- Hogan, John P.**, and R. L. Banks, to Phillips Petroleum Co. Polymers and production thereof. 2,825,721, 3-4-58, Cl. 260-88.1.
- Hogan, John P.**, and W. C. Lanning, to Phillips Petroleum Co. Catalytic polymerization of olefins. 2,828,347, 3-25-58, Cl. 260-683.15.
- Hogan, John P.**, and R. L. Banks, to Phillips Petroleum Co. Purification of olefin-rich feed prior to polymerization. 2,837,587, 6-3-58, Cl. 260-683.15.
- Hogan, John P.**, and R. L. Banks, to Phillips Petroleum Co. Stabilized catalyst and improved polymerization process. 2,846,425, 8-5-58, Cl. 260-93.7.
- Hogan, Patrick J.**: See—
Norris, William A. 2,826,398.
- Hogan, Walter H.**, to Cleveland Pneumatic Industries, Inc. Ball retainer for ball screw mechanism. 2,855,791, 10-14-58, Cl. 74-459.
- Hogan, Walter H.**, to Cleveland Pneumatic Industries, Inc. Multiple stage compressor. 2,856,116, 10-14-58, Cl. 230-52.
- Hogan, Walter H.**, to Cleveland Pneumatic Industries, Inc. Steering mechanism. 2,856,138, 10-14-58, Cl. 244-50.
- Hogan, Walter H.**, to Cleveland Pneumatic Industries, Inc. Shock absorber. 2,856,179, 10-14-58, Cl. 267-9.
- Hogan, Walter H.**, to The Cleveland Pneumatic Tool Co. Hydraulic ball screw type steering motor and shimmy damper. 2,830,562, 4-15-58, Cl. 121-41.
- Hogan, Walter H.**, and A. F. Karlin, to Cleveland Pneumatic Industries, Inc. Inertia actuator. 2,847,869, 8-19-58, Cl. 74-424.8.
- Hogan, William F.**, and J. D. McNeal. Underwater speaking device. 2,844,212, 7-22-58, Cl. 181-18.
- Hogg, William J.**: See—
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- Höganäs-Billeholms Aktiefabrig**: See—
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- Hoge, Frederick H.**, to Hewitt-Robins Inc. Duplex drive gear speed reducers, and the like. 2,826,096, 3-11-58, Cl. 74-665.
- Hoge, Henri H.**, and D. L. Spotten, to Westinghouse Electric Corp. Transistor sweep generator. 2,841,712, 7-1-58, Cl. 250-36.
- Hogg, Francis M.**: See—
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- Hogg, John A.**: See—
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Spero, George B., Magerlein, Schneider, and Hogg. 2,838,543.
Hogg, John A., and J. Korman, to The Upjohn Co. Carbonyloxy steroids. 2,840,581, 6-24-58, Cl. 260-397.45.
Hogg, John A., and G. B. Spero, to The Upjohn Co. 6 α -fluoro Δ^4 cortisone and 6 α -fluoro Δ^4 hydrocortisone and the 21-acylates thereof. 2,841,600, 7-1-58, Cl. 260-397.45.
Hogg, John A., P. F. Beal, and F. H. Lincoln, Jr., to The Upjohn Co. Steroids. 2,844,604, 7-22-58, Cl. 260-397.45.
Hogg, John A., P. F. Beal III, A. H. Nathan, and F. H. Lincoln, Jr., to The Upjohn Co. Steroid production. 2,862,010, 11-25-58, Cl. 260-397.1.
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Hogg, John T. Attachable trailer closet. 2,857,197, 10-21-58, Cl. 296-37.
Hogg, Wilfrid H., and W. Mobberley, to Dunlop Rubber Co. Ltd. Method of preparing molded article from vinyl chloride polymer and a polyamide. 2,851,735, 9-16-58, Cl. 18-58.
Hogin, Robert A., and S. S. Belcher. Venetian blind construction. 2,836,237, 5-27-58, Cl. 160-115.
Hoglan, Forest A., to International Minerals & Chemical Corp. Glutamic acid recovery. 2,842,592, 7-8-58, Cl. 260-527.
Hoglund, Paul F., to United States of America, Atomic Energy Commission. Heat treatment of electroplated uranium. 2,841,539, 7-1-58, Cl. 204-15.
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Hogue, Ephraim W. Capacity-type transducer. 2,843,679, 7-15-58, Cl. 179-100.41.
Hogue, Robert W.: See—
Cochardt, Alexander W., and Hogue. 2,829,048.
- Hohing, Conrad, Jr.**: See—
Fortess, Fred, Hohing, and Kip. 2,853,451.
- Hohl, John**: See—
Harmon, Shepard L., and Hohl. 2,855,736.
- Hohlt, Ernest W.**: See—
Morris, Merchant U., and Vehling. 2,857,135.
- Hohlt, Herbert**: See—
Morris, Merchant U., and Vehling. 2,857,135.
- Hohmann, Albert**: See—
Cooper, Benjamin, and Hohmann. 2,856,176.
- Hohmann, Conrad J.**: See—
Postel, Kenneth L., and Hohmann. 2,834,297.
- Hohmann, Willi.** Ventilating contrivance for passenger vehicles. 2,853,934, 9-30-58, Cl. 98-13.

- Hohn, Francis H.: *See*—
Hohn, Frank X. and F. H. 2,862,826.
Hohn, Frank X. and F. H., to Universal Marion Corp. Mold material for casting group IVb metals and method of making same. 2,862,826, 12-2-58, Cl. 106—38,23.
Höhne, Heinrich, to Stockey & Schmitz. Smelting furnace system. 2,842,354, 7-8-58, Cl. 266—40.
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Brochetti, Raymond E., and Hohos. 2,829,908.
Hohwart, Ernest F.: *See*—
Hohwart, George and E. F. 2,820,299.
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Hoig, Henry D., and E. Taft. Patty roller. 2,827,658, 8-25-58, Cl. 17—32.
Hoitt, Clifford E., and C. T. Krenzer, to Walz & Krenzer, Inc. Closure for ship port. 2,863,414, 12-9-58, Cl. 114—173.
Hokama, Takeo: *See*—
Bachman, Gustave B., and Hokama. 2,829,029.
Hokanson, Alfred P. Vise-jaw face plate slidable and pivotable on backwardly sloping jaw surface. 2,861,492, 11-25-58, Cl. 81—38.
Hoke, Agnes P. Preservation of arrangements made of dried flowers and the like. 2,837,855, 6-10-58, Cl. 41—12.
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Onan, Robert C., and Hoke. 2,865,389.
Hoke, Howard L.: *See*—
Risley, Roger E., and Hoke. 2,843,155.
Hoke, Howard L., to Dresser Industries, Inc. Adjustable follow-ring type pipe clamp. 2,822,195, 2-4-58, Cl. 285—337.
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Holahan, Eugene V.: *See*—
Borgman, Arthur C., and Holahan. 2,833,596.
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Holan, James H., and Troche. 2,841,960.
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Holan, James H., and H. J. Troche, to J. H. Holan Corp. Fluid pressure control system. 2,841,960, 7-8-58, Cl. 60—97.
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Holberg, L. R.: *See*—
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Holborn, Frederick and K., and Hodowanec. 2,836,754.
Holborn, Frederick, deceased; K. Holborn, executrix, and G. Hodowanec, to National Union Electric Corp. Dark trace cathode-ray tube and method of manufacture. 2,836,754, 5-27-58, Cl. 313—92.
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Hold, Peter, and C. H. Treat, to Farrel-Birmingham Co., Inc. Floating journal boxes for crushing mills. 2,832,280, 4-29-58, Cl. 100—170.
Hold, Peter, and A. Oberle, to Akt. Brown, Boveri & Cie. Overspeed safety system for turbines. 2,866,470, 12-30-58, Cl. 137—24.
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Holden, Herbert, to Beloit Iron Works. Suction roll for paper-making machines. 2,823,593, 2-18-58, Cl. 92—53.
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Holden, Jane E. S.: *See*—
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Holden, John, to Chicago Railway Equipment Co. Railway brake beam support chair. 2,851,130, 9-9-58, Cl. 188—210.
Holden, William H. T., and E. Vroom, to Bell Telephone Laboratories, Inc. Stage-by-stage all-relay telephone switching system using voice frequency control. 2,847,508, 8-12-58, Cl. 179—16.
Holdener, Simeon. Movement transmission. 2,842,982, 7-15-58, Cl. 74—600.
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Holderer, Oscar C., to the United States of America as represented by the Secretary of the Army. Gate valve. 2,819,034, 1-7-58, Cl. 251—29.
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Holderith, Charles G., and W. J. 2,829,326.
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Holderle, Harvey C. R.: *See*—
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Holin, William F., to General Motors Corp. Railway vehicle brake rigging. 2,833,377, 5-6-58, Cl. 188—33.
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Holl, Charles. Locking slide. 2,856,661, 10-21-58, Cl. 24—116.
Holl, James W. F. Rotary valve with seal seat. 2,832,561, 4-29-58, Cl. 251—174.
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Holland, Charles E. Nursing bottle. 2,822,102, 2-4-58, Cl. 215—11.

- Holland, Harry W.: *See*—
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- Holland, John O. Cleaner apparatus for purifier sieves and the like. 2,858,023, 10-28-58, Cl. 209-381.
- Holland, Kenneth M., J. P. Schafer, and R. C. Spott, to California Reinforced Plastics Co., now by change of name to Hexcel Products Inc. Glass faced honeycomb panel and method of making same. 2,828,235, 3-25-58, Cl. 154-118.
- Holland, Kenneth M., and E. L. Rule, to Hexcel Products Inc. Spliced airtight foil honeycomb product and method of making same. 2,860,710, 11-18-58, Cl. 189-36.
- Holland, Louis E. Therapeutic machine having bed-overhanging body-contacting head for stimulating blood circulation. 2,826,181, 3-11-58, Cl. 128-55.
- Holland, Oswald A. Automatic retracting and lowering device for landing gear on semi-trailers. 2,826,429, 3-11-58, Cl. 280-429.
- Holland, Oswald A. Fifth wheel having a remote controlled locking mechanism. 2,850,292, 9-2-58, Cl. 280-434.
- Holland, Oswald A. Automatic fluid line service coupling for tractor-trailer vehicles. 2,859,980, 11-11-58, Cl. 280-421.
- Holland-Kantos Co., Inc.: *See*—
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- Hollander, Charles W. D., to Hoffmann-La Roche Inc. Racemization processes. 2,819,272, 1-7-58, Cl. 260-289.
- Hollander, Max L., and Y. E. Lebedeff, to American Smelting and Refining Co. Recovery of selenate values contained in sulfuric acid solutions. 2,834,652, 5-13-58, Cl. 23-209.
- Hollander, L. Preston, to Pawling Rubber Corp. Floor mat. 2,847,731, 8-19-58, Cl. 20-78.3.
- Hollander, Walter C. Protected valve seal. 2,830,619, 4-15-58, Cl. 137-622.
- Hollander, Walter C. Valves with wedging valve elements. 2,834,571, 5-13-58, Cl. 251-195.
- Hollingsworth, McFerrell, to McKinney Mfg. Co. Sliding window latch. 2,826,443, 3-11-58, Cl. 292-139.
- Hollar, John V., to The La Resista Corset Co. Foundation garment. 2,861,575, 11-25-58, Cl. 128-436.
- Holle, Ferdinand and Franziska, nee Suerth, sole heir, to Koppers Co., Inc. Sealing device, in particular for the transfer of loose material into or out of gas-filled spaces. 2,852,035, 9-16-58, Cl. 137-219.
- Holle, Franziska: *See*—
Holle, Ferdinand and Franziska. 2,852,035.
- Holleman, Herman C. A., to North American Philips Co., Inc. Process of separating volatile components from less volatile components by distillation or sublimation at a low pressure. 2,818,656, 1-7-58, Cl. 34-5.
- Hollenbach, Frank J., to Emerson Radio and Phonograph Corp. Computing apparatus. 2,829,828, 4-8-58, Cl. 235-61.
- Holler, John F. Containers. 2,828,883, 4-1-58, Cl. 220-48.
- Holley Carburetor Co.: *See*—
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- Cornelius, George W. 2,840,359.
- Cornelius, George W. 2,851,852.
- Cornelius, George W. 2,856,167.
- Goodyear, Charles R. 2,834,587.
- Goodyear, Charles R. 2,852,240.
- Hartman, Frank W., Jr. 2,852,588.
- Holley, George M., Sr. 2,863,434.
- Johnson, Kalin S. 2,852,589.
- Kittler, Milton J. 2,827,269.
- Kittler, Milton J. 2,846,202.
- Kittler, Milton J., and Sterner. 2,856,168.
- Skay, Frank. 2,854,225.
- Smitley, Marion L. 2,827,889.
- Sterner, Melvin F. 2,839,154.
- Sterner, Melvin F. 2,845,502.
- Sterner, Melvin F., and Kayser. 2,855,949.
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- Udale, Stanley M. 2,864,315.
- Udale, Stanley M. 2,864,356.
- Holley, George M., Sr., to Holley Carburetor Co. Fuel injection system. 2,863,434, 12-9-58, Cl. 123-119.
- Holliday, Don. Wraparound garment cover. 2,834,524, 5-13-58, Cl. 223-98.
- Holliday, Ivar M.: *See*—
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- Holliday, Jim B., C. B. Stansfield, J. D. Mitchell, K. S. Goldfarb, and A. J. Jilecott, to Harrington Mfg. Co., Inc. Tobacco harvester with saw tooth conveyor chain. 2,826,317, 3-11-58, Cl. 214-83.1.
- Holliban, John P., Jr., J. A. Howsmon, and W. A. Sisson, to American Viscose Corp. Method of producing viscose rayon. 2,852,334, 9-16-58, Cl. 18-54.
- Hollinger, Paul M., and J. E. Miller, to Fuller Co. Shaft seal. 2,853,020, 9-23-58, Cl. 103-111.
- Hollings, John S., and D. O. Davies, to Rolls-Royce Ltd. Gas turbine engine fuel system including a fuel control mechanism. 2,848,041, 8-19-58, Cl. 158-36.4.
- Hollingsworth, Clinton A., and J. C. Williams, to Smith-Douglass Co., Inc. Defluorination of phosphate rock. 2,839,361, 6-17-58, Cl. 23-108.
- Hollingsworth, Clinton A., and J. C. Williams, to Smith-Douglass Co., Inc. Defluorination of phosphate rock. 2,839,377, 6-17-58, Cl. 71-45.
- Hollingsworth, Clinton A., K. F. Schilling, and J. L. Wester, to Smith-Douglass Co., Inc. Flotation reagent. 2,857,331, 10-21-58, Cl. 252-61.
- Hollingsworth, John D. End wires. 2,842,802, 7-15-58, Cl. 19-112.
- Hollingsworth, John D. Foundation wire for card cylinders. 2,851,736, 9-16-58, Cl. 19-112.
- Hollingsworth, Robert V.: *See*—
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- Hollingsworth, Wm., Machine Co., Inc.: *See*—
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- Hollins, Abraham: *See*—
Hollins, Jesse R. 2,840,796.
- Hollins, Jesse R. 2,843,835.
- Hollins, Jesse R. 2,846,665.
- Hollins, Jesse R. 2,851,673.
- Hollins, Jesse R. 2,863,096.
- Hollins, J. R.: *See*—
Hollins, Jesse R. 2,851,673.
- Hollins, Jesse R. Turn signalling arrangement. 2,824,917, 2-25-58, Cl. 200-61.51.
- Hollins, Jesse R. Signalling devices. 2,825,045, 2-25-58, Cl. 340-81.
- Hollins, Jesse R., to A. J. R., and L. S. Hollins, and T. D. Davidson. Vehicle signalling circuit. 2,840,796, 6-24-58, Cl. 340-81.
- Hollins, Jesse R., to A. J. R., and L. S. Hollins, and T. D. Davidson. Signal lamp switch. 2,843,835, 7-15-58, Cl. 340-81.
- Hollins, Jesse R., to A. J. R., and L. S. Hollins, and T. D. Davidson. Signaling systems for automotive vehicles. 2,846,665, 8-5-58, Cl. 340-81.
- Hollins, Jesse R., to A. J. R., and L. S. Hollins, and T. D. Davidson. Signal lamp switch. 2,851,673, 9-9-58, Cl. 340-81.
- Hollins, Jesse R., to A. J. R., and L. S. Hollins, and T. D. Davidson. Automotive vehicle signaling system and selector switch therefor. 2,863,096, 12-2-58, Cl. 315-83.
- Hollins, Lewis S.: *See*—
Hollins, Jesse R. 2,840,796.
- Hollins, Jesse R. 2,843,835.
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- Hollis, Albert C., to B. U. Supplies & Machinery Co. Ltd. Machines adapted for applying wrappers. 2,831,303, 4-22-58, Cl. 53-210.
- Hollis, Arthur J., and R. E. Shaw, to Sylvania Electric Products Inc. Snap action switch. 2,861,149, 11-18-58, Cl. 200-113.
- Hollis, Frank, Jr., and F. G. and F. J. Miller, to General Foods Corp. Process of preparing a quick cooking rice. 2,828,209, 3-25-58, Cl. 99-80.
- Hollis, Jack L., to The Firestone Tire & Rubber Co. Method and apparatus for applying a tread to a tire body. 2,822,025, 2-4-58, Cl. 154-9.
- Hollis, Jack L., to The Firestone Tire & Rubber Co. Method of assembling an elastic band upon a tire body. 2,822,027, 2-4-58, Cl. 151-11.
- Hollis, John C., to Giddings & Lewis Machine Tool Co. Power operated chuck for machine tools. 2,822,180, 2-4-58, Cl. 279-113.
- Hollis, John C., to Giddings & Lewis Machine Tool Co. Machine tool feed transmission and controls therefor. 2,831,361, 4-22-58, Cl. 74-365.
- Hollis, John C., to Giddings & Lewis Machine Tool Co. Mount for machine tool work support. 2,845,312, 7-29-58, Cl. 308-227.
- Hollis, John C., to Giddings & Lewis Machine Tool Co. Planetary speed change transmission. 2,848,908, 8-26-58, Cl. 74-769.
- Hollis, John S., to United States of America, Army. Multiple output waveguide switching systems. 2,841,770, 7-1-58, Cl. 333-7.
- Hollis, John S., and M. W. Long, to United States of America as represented by the Secretary of the Army. Waveguide ring switches. 2,826,742, 3-11-58, Cl. 333-7.
- Hollis, Norman B.: *See*—
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- Hollman, Hans E., to B. B. Hunt. Method of making three dimensional images. 2,856,715, 10-21-58, Cl. 41-24.
- Hollmann, Franz E., Warncke, and K. F. Möllering, to Firma Drägerwerk, Heimb., & Borsig, Dräger. Respirator. 2,830,584, 4-15-58, Cl. 128-143.
- Hollmann, Hans E. Variable frequency crystal device. 2,849,628, 8-26-58, Cl. 310-8.1.
- Hollmann, Hans E., to Radio Patents Co. Duplex radio communication. 2,851,685, 9-9-58, Cl. 343-178.
- Hollmann, Hans E. Highly sensitive transducers with electromechanical feedback. 2,858,373, 10-28-58, Cl. 179-100.4.
- Hollmann, Hans E. Radiation meter device. 2,859,354, 11-4-58, Cl. 250-83.6.
- Hollmann, Walter G., to Frederick Post Co. Production of light-sensitive material for diazotypes. 2,861,098, 11-18-58, Cl. 117-34.
- Hollobaugh, Robert C., and J. P. Strange, to Mine Safety Appliances Co. Field calibrator for combustible gas analyzer. 2,853,873, 9-30-58, Cl. 73-1.
- Hollopeter, John H.: *See*—
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- Grube, Frederick J., and Hollopeter. 2,840,886.
- Holloway, Daniel E.: *See*—
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- Holloway, Daniel E., to North American Aviation, Inc. Aircraft pylon ejector. 2,865,584, 12-23-58, Cl. 244—137.
- Holloway, Joseph J., to Bailey Meter Co. Capillary pens. 2,820,689, 1-21-58, Cl. 346—140.
- Holloway, Robert L.: *See—*
- Bell, Leo R., and Holloway. 2,827,797.
- Holloway, Robert L. Torque coupling. 2,827,779, 3-25-58, Cl. 64—80.
- Holloway, Robert L., to American Iron & Machine Works Co., Inc. Well packers. 2,855,051, 10-7-58, Cl. 166—118.
- Holloway, William T., to Baker Perkins Inc. Apparatus auxiliary to the removing of tinned bread from tins. 2,852,125, 9-16-58, Cl. 198—33.
- Hollowell, John R., B. J. Smith, and R. T. Butler, to Ford Motor Co. Vehicle body with retractable rigid top. 2,860,004, 11-11-58, Cl. 296—117.
- Holly, Earl D., to The Dow Chemical Co. Compositions of polythiols and method of making the same. 2,831,896, 4-22-58, Cl. 260—609.
- Holly, Earl D., and S. H. Vasicek, to The Dow Chemical Co. Vinylpentachlorophenyl sulfide and method of making the same. 2,832,806, 4-29-58, Cl. 260—609.
- Holly, Frederick W., and C. H. Stammer, to Merck & Co., Inc. Optical isomers of 4-amino-3-isoxazolidone. 2,840,565, 6-24-58, Cl. 260—307.
- Holly, Frederick W., and A. F. Wagner, to Merck & Co., Inc. 6,8-bis (hydrocarbon substituted mercapto) 5-hydroxyacrylic acids and delta-lactones thereof. 2,853,497, 9-23-58, Cl. 260—343.
- Holly, Harry H., to Holymatic Corp. Molding apparatus. 2,841,819, 7-8-58, Cl. 17—32.
- Holly, Rudolph M. Ironing rack. 2,821,310, 1-28-58, Cl. 211—182.
- Hollyday, James H., and P. L. Sturla, to Sperry Rand Corp. Bale metering and tripping mechanism. 2,859,686, 11-11-58, Cl. 100—4.
- Hollyday, James H., and J. L. Stackhouse, Jr., to Sperry Rand Corp. Transversely engaging pin clutch. 2,864,477, 12-16-58, Cl. 192—71.
- Hollyday, William C., Jr., to Esso Research and Engineering Co. Lubricating oil additive. 2,852,467, 9-16-58, Cl. 252—34.
- Hollyday, William C., Jr., to Esso Research and Engineering Co. Polyamides from N-alkyl primary-secondary diamines. 2,859,208, 11-4-58, Cl. 260—78.
- Holymatic Corp.: *See—*
- Holly, Harry H. 2,841,819.
- Hollywood, John M., to Columbia Broadcasting System, Inc. Television. 2,851,522, 9-9-58, Cl. 178—73.
- Holm, Albert E., to Beach Engineering, Inc. Apparatus and system for leak testing. 2,833,141, 5-6-58, Cl. 73—40.
- Holm, Carl H., to Old Dominion Research and Development Corp. Underwater breathing apparatus. 2,818,858, 1-7-58, Cl. 128—142.
- Holm, Carl H., J. A. Green, and P. W. Gorman, to Old Dominion Research and Development Corp. Method of and means for maintaining desired percentages of oxygen in oxygen tents or other spaces. 2,818,860, 1-7-48, Cl. 128—191.
- Holm, Le Roy W.: *See—*
- Hutchings, Le Roy E., and Holm. 2,857,426.
- Holm, LeRoy W., and G. M. Longland, Jr., to The Pure Oil Co. Method of reducing corrosion and plugging of solvent extraction process equipment. 2,846,354, 8-5-58, Cl. 196—144.
- Holm, Sven, to The Air Preheater Corp. Temperature equalizing means for regenerative air preheater structure. 2,840,351, 6-24-58, Cl. 257—6.
- Holman, Arthur T., M. Oram, and E. B. James. Rock drilling apparatus. 2,839,273, 6-17-58, Cl. 255—50.
- Holman Brothers Ltd.: *See—*
- Morgan, Frederick F. L. 2,819,571.
- Morgan, Frederick F. L., and James. 2,843,929.
- Holman, Emerson D.: *See—*
- Dugall, John T., Fredrickson, Holman, and Wohlforth. 2,826,782.
- Holman, Erwin W., to Bell Telephone Laboratories, Inc. Selective ringing circuit using a transistor. 2,824,174, 2-18-58, Cl. 179—86.
- Holman, Herbert E.: *See—*
- Atherton, Albert H., and Holman. 2,845,691.
- Holman, Howard E.: *See—*
- Anderson, Walter J., and Holman. 2,818,762.
- Holman, John A. Glare filter for head lamp. 2,855,500, 10-7-58, Cl. 240—46.45.
- Holmberg, Aaron K. Rail carrier for highway van. 2,837,037, 6-3-58, Cl. 105—368.
- Holmberg, Carl A. Universally adjustable twin clamping means. 2,836,139, 5-27-58, Cl. 113—104.
- Holmberg, Harry E.: *See—*
- Holmberg, Hartvig E. and Harry E. 2,851,277.
- Holmberg, Hartvig E. and Harry E. Laminated ski. 2,851,277, 9-9-58, Cl. 280—11.13.
- Holmberg, Lawrence O. Can carrier. 2,853,186, 9-23-58, Cl. 206—65.
- Holmberg, Morris B.: *See—*
- Svendsen, Walter W. 2,819,927.
- Holmberg, Stanton W.: *See—*
- Franklin, Edmond G., and Holmberg. 2,833,061.
- Franklin, Edmond G., Holmberg, and Jewett. 2,837,847.
- Holmhoe, Lawrence S., Sr. Shore jack. 2,866,623, 12-30-58, Cl. 254—114.
- Holmen, Reynold E., to Minnesota Mining & Mfg. Co. Production of acrylates by catalytic dehydration of lactic acid and alkyl lactates. 2,859,240, 11-4-58, Cl. 260—468.
- Holmes, Bradford B., to Bendix Aviation Corp. Oxygen regulator. 2,834,189, 5-27-58, Cl. 137—64.
- Holmes, Charles H. Portable visor having magnetic means for attachment to a vehicle. 2,855,242, 10-7-58, Cl. 296—97.
- Holmes, David D., to Radio Corp. of America. Noise canceling circuits. 2,826,635, 3-11-58, Cl. 178—73.
- Holmes, Elbridge R.: *See—*
- Bergstrom, Carl F., Dolbeare, and Holmes. 2,856,964.
- Holmes, Ernest, Co.: *See—*
- Beasley, William A. 2,826,318.
- Holmes, Ernest W., Jr.: *See—*
- Beasley, William A., Holmes, and Jones. 2,824,657.
- Holmes, Frank C., to Pye Ltd. Attenuator arrangements. 2,842,625, 7-8-58, Cl. 179—171.
- Holmes, Gifford L., to Baso Inc. Combined electroresponsive valve and pressure regulators. 2,821,206, 1-28-58, Cl. 157—65.
- Holmes, Harold C.: *See—*
- Crarry, Jay D. 2,821,299.
- Holmes, James L.: *See—*
- Tarjan, Armen C., Yates, and Holmes. 2,846,351.
- Holmes, John F.: *See—*
- Vine, Allyn C., Holmes, and Rutledge. 2,845,221.
- Holmes, John R.: *See—*
- De Beaubien, William J., Kaiser, and Holmes. 2,831,327.
- Holmes, Lawrence, Jr. Gyroscope unit and interlocking means. 2,845,800, 8-5-58, Cl. 74—534.
- Holmes, Raynor M., to Bloomer Bros. Co. Collapsible carton. 2,844,297, 7-22-58, Cl. 229—41.
- Holmes, Richard R.: *See—*
- Jenkins, Lloyd T., and Holmes. 2,849,413.
- Holmes, Robert G., to General Electric Co. Strain relief device. 2,862,996, 12-2-58, Cl. 174—135.
- Holmes, Stanley H. Servo-valve. 2,839,079, 6-17-58, Cl. 137—622.
- Holmes, Tracy S.: *See—*
- Noyes, Hazlehurst R., and Ross. 2,847,092.
- Holmes, Tracy S., to Superior Engineering Corp. Truck wheel assembly. 2,831,699, 4-22-58, Cl. 280—80.
- Holmes, Tracy S., to Superior Scaffold Co. Detachable coupling for scaffold elements. 2,845,307, 7-29-58, Cl. 304—40.
- Holmes, William H. Masonry finishing device. 2,866,327, 12-30-58, Cl. 72—128.
- Holmes, Willis G. Alarm sending station. 2,822,451, 2-4-58, Cl. 200—168.
- Holmes, Willis T.: *See—*
- McDonald, Frank A., and Holmes. 2,864,254.
- Holmgren, Ephraim T. Loose leaf binder. 2,861,576, 11-25-58, Cl. 129—23.
- Holmquist, Ernst R. M. Heat exchangers. 2,866,624, 12-30-58, Cl. 257—6.
- Holmquist, Howard E.: *See—*
- Crawford, Robert J., Engelhardt, and Holmquist. 2,840,608.
- Holmquist, Howard E., to E. I. du Pont de Nemours and Co. Tetrols containing an uninterrupted eight carbon chain with hydroxyl groups in the 1,4,5 and 8-positions. 2,835,710, 5-20-58, Cl. 260—635.
- Holmquist, Howard E., to E. I. du Pont de Nemours and Co. Gamma-monolactone of 4-hydroxysuberic acid, its salts and esters, and the salts and amides of 4-hydroxysuberic acid, their preparation and use. 2,849,457, 8-26-58, Cl. 260—343.6.
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- Holmstrom, John G., to Pacific Car and Foundry Co. Steering arm for automotive vehicle. 2,866,650, 12-30-58, Cl. 280—96.3.
- Holmstrom, Robert A.: *See—*
- Brown, Wallace M., and Holmstrom. 2,831,674.
- Holmstrom, William L.: *See—*
- Kimsey, Woodrow P., and Holmstrom. 2,852,870.
- Holophane Co., Inc.: *See—*
- Wince, Veal S. 2,863,990.
- Holroyd, George C.: *See—*
- Hitchcock, Walter C., and Holroyd. 2,820,721.
- Holroyd, John, & Co. Ltd.: *See—*
- Stott, Frank T. 2,849,965.
- Hölscher, Fritz: *See—*
- Paul, Walter. 2,830,811.
- Holsclaw, Charles H. Trailer tilting arrangement. 2,823,817, 2-18-58, Cl. 214—506.
- Holsclaw, Charles H. Hermetically sealed valve. 2,852,038, 9-16-58, Cl. 137—561.
- Holsman, Henry T., L. W. Potts, and G. C. Ehrlich. Packaging method and apparatus. 2,861,406, 11-25-58, Cl. 53—29.
- Holstebro, Kave B.: *See—*
- Arzell, Edgar, and Holstebro, and Wozniak. 2,851,837.
- Holstebro, Kave B., and L. H. Lippincott, to Emhart Mfg. Co. Machines for packing containers in cases. 2,863,268, 12-9-58, Cl. 53—62.
- Holstein, Alvin W.: *See—*
- Ridings, Clements A., Holstein, and Marr. 2,823,782.

- Holstein, Erich: *See*—
Steinfert, Josef, Kreutz, and Holstein. 2,863,343.
- Holstein, Ivan M. Positive wedge sealing piston and sleeve. 2,835,542, 5-20-58, Cl. 309-7.
- Holstein, John H. to Schenley Industries, Inc. Machinery useful in processing of liquid products. 2,860,796, 11-18-58, Cl. 214-310.
- Holstein, John H. Centrifugal pump. 2,862,451, 12-2-58, Cl. 103-83.
- Holstein, Otto: *See*—
Krafft, Gerhard, and Holstein. 2,820,094.
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- Holsten, John G. Center punch and gauge. 2,855,693, 10-14-58, Cl. 33-189.
- Holstrom, Charles M.: *See*—
Emanuel, Walter A., Holstrom, and Sweeney. 2,845,799.
- Holt, Arthur W., to United States of America, Commerce. Very rapid access memory for electronic computers. 2,840,799, 6-24-58, Cl. 340-174.
- Holt, Frederick B., G. P. F. Newlands, and A. Cotton, to Metropolitan-Vickers Electrical Co. Ltd. Machines having induction motor drives. 2,847,630, 8-12-58, Cl. 318-212.
- Holt, Frederick W., Jr.: *See*—
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- Holt, George A., to Ricardo & Co., Engineers (1927) Ltd. Internal combustion engines of the compression ignition type. 2,821,177, 1-28-58, Cl. 123-32.
- Holt, Hugh L.: *See*—
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- Holt, John E., to The Danielson Mfg. Co. Apparatus for extrusion. 2,836,851, 6-3-58, Cl. 18-12.
- Holt, Joseph O. Clothes hanger. 2,831,621, 4-22-58, Cl. 223-95.
- Holt, Joseph W.: *See*—
Hartford, Willis G., and Holt. 2,826,911.
- Holt, Thomas E., and J. C. Clayton, to Glaxo Laboratories Ltd. Process for purification of hecogenin. 2,827,456, 3-18-58, Cl. 260-239.55.
- Holt, Willard G., to General Electric Co. Speed limiting arrangement. 2,825,531, 3-4-58, Cl. 253-59.
- Holt, William J., Jr., to Varo Mfg. Co., Inc. Electric translating system. 2,824,274, 2-18-58, Cl. 321-27.
- Holt, William J., Jr., to Varo Mfg. Co., Inc. Tuning fork assembly. 2,838,698, 6-10-58, Cl. 310-25.
- Holte, Paul C., to Pullman Vacuum Cleaner Corp. Corrugated rubber tubing and its production. 2,866,230, 12-30-58, Cl. 18-19.
- Holtkamp, Calvin J.: *See*—
Thunander, Hans T., and Holtkamp. 2,858,515.
- Holtkamp, Clifford F., to Kamp Co., Inc. Stay strip. 2,826,352, 3-11-58, Cl. 229-49.
- Holtkamp, Clifford F., to Kamp Co., Inc. Staying machine. 2,838,757, 6-17-58, Cl. 1-42.9.
- Holton, Charles D., to General Motors Corp. Brake drum. 2,840,195, 6-24-58, Cl. 188-218.
- Holton, Robert J., and C. R. Van Niel, to Tinnerman Products, Inc. Clip for cables, wires, moldings and the like. 2,852,829, 9-23-58, Cl. 24-73.
- Holtschmidt, Hans: *See*—
Nischk, Günther, and Holtschmidt. 2,866,804.
Schwarz, Herbert, Kallert, Muhlhausen, and Holtschmidt. 2,844,566.
- Holtschmidt, Hans, to Farbenfabriken Bayer Aktiengesellschaft. Production of alkylisocyanate esters of 2-alkenoic acids. 2,821,544, 1-28-58, Cl. 260-486.
- Holtschmidt, Hans, O. Bayer, G. Nischk, and K. E. Müller, to Farbenfabriken Bayer Akt. Thioether condensation process and product. 2,862,972, 12-2-58, Cl. 260-609.
- Holtz, Frederick C.: *See*—
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- Holtz, Frederick C., C. H. Lanphier, and E. A. Leach, to Sangamo Electric Co. Telemeter register for meters. 2,858,983, 11-4-58, Cl. 235-91.
- Holub, Edward M. Method of and adjuvant powder for thermochemical material removal from refractory materials. 2,855,337, 10-7-58, Cl. 148-9.
- Holz, Alfred: *See*—
Koci, Jerry C., Holz, and Dreyer. 2,837,076.
- Holzboog, Walter H., and F. H. Heselmeyer, to Magic Chef-Food Giant Markets, Inc. Cooking range. 2,823,660, 2-18-58, Cl. 126-190.
- Holzemann, Werner, to Kieler Howaldtswerke Akt., Abt. Apparatebau. Subminiature semiconductor instrument and method and apparatus for producing the same. 2,856,571, 10-14-58, Cl. 317-236.
- Holzer, Frederick J., to F. J. Holzer, A. B. Ross, and J. J. Becher, trustees. Food waste disposer. 2,852,199, 9-16-58, Cl. 241-21.
- Holzer, Frederick J., to F. J. Holzer, A. B. Ross, and J. J. Becher, trustees. Food waste disposer. 2,852,200, 9-16-58, Cl. 241-46.
- Holzer, Frederick L. Stair construction. 2,818,945, 1-7-58, Cl. 189-43.
- Holzer, Johann: *See*—
Grantges, Richard F., and Holzer. 2,864,905.
- Holzer, Johann, to United States of America, Army. Binary pulse modulator. 2,859,408, 11-4-58, Cl. 332-11.
- Holzer, Walter. Cam actuated switch. 2,828,375, 3-25-58, Cl. 200-38.
- Holzhausen, Glen H., and W. W. Haefliger. Knife sharpener. 2,841,931, 7-8-58, Cl. 51-241.
- Holzman, George, and G. M. Good, to Shell Development Co. Isomerization of paraffin hydrocarbons. 2,841,626, 7-1-58, Cl. 260-683.65.
- Holzschu, John: *See*—
Klein, Walter A., Mason, and Holzschu. 2,836,292.
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- Holzwarth, James C.: *See*—
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- Hom, Freeman M., to the United States of America as represented by the Secretary of the Navy. Pulse control circuit for transmitting and receiving jamming system. 2,824,956, 2-25-58, Cl. 250-17.
- Homan, Paul J., to Koppers Co., Inc. Quenching station. 2,827,424, 3-18-58, Cl. 202-227.
- Homan, Paul J., to Koppers Co., Inc. Charging apparatus for horizontal coke ovens. 2,865,520, 12-23-58, Cl. 214-21.
- Homan, William J. Illuminated peg board. 2,852,863, 9-23-58, Cl. 35-73.
- Homand, Arosa B. Adjustable corsage clasp and holder. 2,843,899, 7-22-58, Cl. 24-5.
- Hombach, Carl J. Bell and spigot inserting section pipe coupling and method of installation. 2,823,049, 2-11-58, Cl. 285-31.
- Homburg, Edwin P.: *See*—
Alexeff, Alexander V., Homburg, and Richards. 2,837,834.
- Homer, Charles K. Spare tire and wheel assembly carrier. 2,839,232, 6-17-58, Cl. 224-42.12.
- Homer, Howard J.: *See*—
Novak, Leo J., and Homer. 2,859,132.
- Homer, Howard J., and J. R. Whitacre, to The Commonwealth Engineering Co. of Ohio. Colored glass fibers and method of producing the same. 2,824,828, 2-25-58, Cl. 204-20.
- Homer, Howard J., and J. R. Whitacre, to The Commonwealth Engineering Co. of Ohio. Method of coating alkaline earth metal and protective metal. 2,839,423, 6-17-58, Cl. 117-54.
- Homer Laughlin China Co., The: *See*—
Ryckman, George E. 2,841,075.
- Homer, Ronald F.: *See*—
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- Homestead Valve Mfg. Co.: *See*—
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- Homeward Products, Inc.: *See*—
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- Homewood, Robert W.: *See*—
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- Honeyer, Henry N., and J. J. McCarthy, to Connecticut Hard Rubber Co. Chemically resistant pressure-sensitive adhesive tape and method of making the same. 2,824,026, 2-18-58, Cl. 117-122.
- Homm, Roger E.: *See*—
Millman, Nathan, and Homm. 2,854,978.
- Hommel Corp., The: *See*—
Mitchell, Walter O., and Ahearn. 2,829,685.
- Hommel, Ernest M.: *See*—
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- Hommel, O., Co., The: *See*—
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- Hommel, William B., to American Can Co. Transfer mechanism for magnetizable articles. 2,863,550, 12-9-58, Cl. 198-25.
- Hone, Frederick J. Flush valve assembly for toilets. 2,828,488, 4-1-58, Cl. 4-57.
- Honegger, Willy, 1/2 to A. Lins. Packing for a piston longitudinally displaceable in a housing. 2,860,017, 11-11-58, Cl. 309-23.
- Honekman, Lillian R.: *See*—
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- Honerkamp, Friedrich: *See*—
Kurtz, Franz J., Honerkamp, and Phillips. 2,825,274.
- Honeycutt, Earl M., to Sun Oil Co. Treatment of sulfonic acids. 2,842,588, 7-8-58, Cl. 260-504.
- Honeyman, Robert B., to Morden Machines Co. Rotor with spaced large shredding blades cooperating with toothed stator. 2,858,990, 11-4-58, Cl. 241-260.
- Honing, Wilhelm: *See*—
De Vriend, Johannes A., and Honing. 2,824,993.
- Honkala, Harold E., and J. L. Cunningham, to Calumet & Hecla, Inc. Internally cooled mandrel. 2,866,545, 12-30-58, Cl. 207-16.
- Honkasalo, Jorma B.: *See*—
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- Honma, Minoru. Filter apparatus for flame photometers. 2,833,371, 5-6-58, Cl. 183-32.
- Honn, Francis J., to Minnesota Mining and Mfg. Co. Solutions of perfluorochloroolefin copolymers. 2,866,766, 12-30-58, Cl. 260-30.4.
- Honn, Francis J., and W. M. Sims, to Minnesota Mining and Mfg. Co. Cross-linking of fluorinated elastomers. 2,833,752, 5-6-58, Cl. 260-87.7.
- Honnay, Leopold, to J. Ghysebrechts and P. Duvivier. Hinges for doors, windows and other appliances. 2,860,370, 11-18-58, Cl. 16-152.
- Honold, Ernst, and A. Miekeley, to Cassella Farbwerke Mainkur Aktiengesellschaft. Process and product of tanning with condensation products and polyhydric phenols with methylol dihydantoin or methylol dihydantoin compounds. 2,836,480, 5-27-58, Cl. 8-94.24.

- Honolulu Oil Corp.: *See*—
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- Hood, Albert R., and J. W. Miller. Dust collector. 2,828,108, 3-25-58, Cl. 255-50.
- Hood, Charles N., II, to General Electric Co. Lifting aid, 2,823,986, 2-18-58, Cl. 254-168.
- Hood, Delos W., to United States of America, Navy. Blast release detent. 2,848,925, 8-26-58, Cl. 89-1.7.
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- Hood, Edwin E., to Bendix Aviation Corp. Semi-automatic two-speed coaster brake for bicycles and the like. 2,837,187, 6-3-58, Cl. 192-6.
- Hood, Edwin E., to Bendix Aviation Corp. Automatic two-speed gearing and hub brake for velocipedes and the like. 2,865,477, 12-23-58, Cl. 192-6.
- Hood, Edwin E., to Bendix Aviation Corp. Two-speed coaster brake for velocipedes and the like. 2,865,478, 12-23-58, Cl. 192-6.
- Hood, Gordon K., Jr., and J. A. O'Malley, Jr., to Bell Aircraft Corp. Hinged airfoil with jet nozzle means for aircraft flight control. 2,840,323, 6-24-58, Cl. 244-52.
- Hood, James M. Universal meter head and conversion apparatus for meters. 2,854,848, 10-7-58, Cl. 73-273.
- Hood, Ralph S., to Monsanto Chemical Co. Production of metals. 2,830,940, 4-15-58, Cl. 204-64.
- Hood, Stanley R., to Essex Wire Corp. Snap-acting bimetal device. 2,834,853, 5-13-58, Cl. 200-138.
- Hood, Thomas S.: *See*—
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- Hood, Walter J.: *See*—
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- Hoodwin, Louis S., to Electro-Voice, Inc. Compound diffraction horn. 2,856,167, 10-14-58, Cl. 179-115.3.
- Hoodwin, Paul: *See*—
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- Hoos, Hunter E., to Royal McBee Corp. Combination tabulating and card punching machine. 2,825,503, 3-4-58, Cl. 235-61.1.
- Hooper, Charles F. Pan gripper price card support. 2,826,841, 3-4-58, Cl. 40-11.
- Hoog, Han, and A. Schaafsma, to Shell Development Co. Production of plasticizers from oxo alcohols of thermally cracked deaomatized catalytically cracked cycle oil. 2,854,475, 9-30-58, Cl. 260-475.
- Hook-Brown Co.: *See*—
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- Hook, Donald E.: *See*—
 Speier, John L., and Hook. 2,823,218.
- Hook, Gerald E., and J. H. Smith, to General Motors Corp. Air driven propeller and governor therefor. 2,857,006, 10-21-58, Cl. 170-68.
- Hook, Harvey O., to Radio Corp. of America. Methods and means for utilizing a direct-view type electrical storage tube. 2,843,798, 7-15-58, Cl. 315-12.
- Hook, Harvey O., to Radio Corp. of America. Regulated power supply. 2,856,576, 10-14-58, Cl. 321-18.
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 Maude, Aylmer H., and MacFadyen. 2,863,725.
 Newcomer, Jack S., K. J. Smith, and Linder. 2,860,166.
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 Rucker, John T., and Sconce. 2,863,917.
 Wilcox, Grayson W. 2,865,052.
- Hooker, Donald E., to R. T. Moloney. Color-selective ball game register. 2,825,565, 3-4-58, Cl. 273-125.
- Hooker, Donald E., to American National Bank and Trust Co. of Chicago, executor of the estate of R. T. Moloney, deceased. Preview score control for ball games. 2,853,304, 9-23-58, Cl. 273-125.
- Hooker, Donald E., to R. T. Moloney, deceased; American National Bank and Trust Co. of Chicago, executor. Ball gate. 2,855,203, 10-7-58, Cl. 273-121.
- Hooker, Donald E., and C. G. Troeller, to American National Bank and Trust Co. of Chicago, executor of the estate of R. T. Moloney, deceased. Ball transfer and switch means. 2,864,620, 12-16-58, Cl. 273-124.
- Hooker Electrochemical Co.: *See*—
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 Hooker, Thomas, Goering, and Maude. 2,841,243.
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- Hooker, John A., to M. Bova. Machine for and method of fabricating uniform sections from a slice of material. 2,851,767, 9-16-58, Cl. 29-200.
- Hooker, Thomas, E. J. Geering, and A. H. Maude, to Hooker Electrochemical Co. Purification of hydrogen chloride. 2,841,243, 7-1-58, Cl. 183-115.
- Hookham, George, to John Miles & Partners (London) Ltd. Gas seal for relatively rotating tubular parts of a blast furnace. 2,843,402, 7-15-58, Cl. 285-134.
- Hooper, Chessley F., to General Electric Co. Pressure relief device. 2,843,290, 7-15-58, Cl. 220-29.
- Hooper, Clinton E., and J. A. North, to Doman Helicopters, Inc. Fluid and mechanical coupling with centrifugal and frictional clutches. 2,859,844, 11-11-58, Cl. 192-3.2.
- Hooper, Frederick W., to Ross Engineering of Canada Ltd. Conveyor system for pulp dryers. 2,821,285, 1-28-58, Cl. 198-84.
- Hooper, Frederick W., to Ross Engineering of Canada Ltd. Paper machine hood. 2,825,430, 3-4-58, Cl. 189-1.
- Hooper, Harry: *See*—
 Spies, George R., Jr., and Hooper. 2,821,439.
- Hooper, Harry, to Air Reduction Co., Inc. Acetylene generator. 2,831,755, 4-22-58, Cl. 48-53.3.
- Hooper, Joe J., and A. A. Belliveau; said Belliveau assor. to said Hooper. Garden watering tool. 2,850,992, 9-9-58, Cl. 111-7.1.
- Hooper, William E., and Sons Co.: *See*—
 Santos, John R. L. 2,854,032.
- Hoopes, Theodore R.: *See*—
 Herbenar, Edward J., and Hoopes. 2,846,252.
- Hoose, Francis D., to Monticello Mfg. Corp. Demountable wire display rack. 2,864,512, 12-16-58, Cl. 211-133.
- Hoot, William F.: *See*—
 Cinque, Jack J., Grove, Hoot, and Jarboe. 2,822,400.
- Hoot, William F., J. A. Jarboe, III, and H. D. Grove, Jr., to The American Oil Co. Methyl mercaptan production process. 2,822,401, 2-4-58, Cl. 260-609.
- Hooten, Basil P., Jr.: *See*—
 Lerch, Charles S., Jr., Slavin, Hooten, Churchill, and Hsu. 2,843,734.
- Hooven, Frederick J.: *See*—
 Heil, Vernon E., and Hooven. 2,856,473.
- Hooven, Frederick J., and R. C. O'Brien, to Harris-Intertype Corp. Photographic type composition. 2,846,932, 8-12-58, Cl. 95-4.5.
- Hoover Ball & Bearing Co.: *See*—
 Graff, George, Kinker, and Owen. 2,848,728.
- Hoover, Charles W., Jr., to Bell Telephone Laboratories, Inc. Light position indicating system. 2,855,539, 10-7-58, Cl. 315-8.5.
- Hoover, Charles W., Jr., and R. W. Ketchledge, to Bell Telephone Laboratories, Inc. Beam positioning system. 2,855,450, 10-7-58, Cl. 315-8.5.
- Hoover Co., The: *See*—
 Acheson, Louis K. 2,825,925.
 Beach, Justice H. 2,832,160.
 Brace, George A. 2,829,734.
 Brace, George A. 2,832,433.
 Brace, George A. 2,846,711.
 Brace, George A. 2,864,462.
 Camprubi, Bartholomew. 2,826,707.
 Camprubi, Bartholomew. 2,864,157.
 Carabet, George F. 2,829,778.
 Coons, Curtis C. 2,842,792.
 Coutts, Peter H. 2,832,612.
 Cropley, William D. 2,818,936.
 Duff, Jack E. 2,823,761.
 Duff, Jack E. 2,850,757.
 Duff, Jack E. 2,859,775.
 Duff, Jack E., and Ripple. 2,850,758.
 Greig, Arthur, and Price. 2,818,994.
 Hagne, Copeland W. 2,818,659.
 Humphrey, Warren A. 2,825,924.
 Humphrey, Warren A. 2,829,452.
 Hurd, Claud C. 2,842,793.
 Mann, Edward F., and Sibbald. 2,832,978.
 Pavlic, Mary C. 2,825,986.
 Pavlic, Mary C. 2,846,709.
 Ripple, Melvin H. 2,825,926.
 Seck, Werner G. 2,818,638.
 Seck, Werner G. 2,832,986.
 Segesman, Louis E. 2,846,709.
 Sibbald, Frederick R. 2,818,721.
 Sibbald, Frederick R. 2,826,059.
 Sibbald, Frederick R. 2,832,207.
 Sibbald, Frederick R. 2,832,209.
 Sibbald, Frederick R. 2,846,863.
 Studer, Clair W. 2,846,793.
 Sutton, Otis B. 2,819,478.
 Sutton, Otis B. 2,819,479.
 Vance, John E. 2,856,628.
 Vance, John E. 2,864,185.
 Ziegler, Brandt F., Jr. 2,860,229.
 Ziegler, Brandt F., Jr., and Seck. 2,850,756.
- Hoover, Frank A., and A. I. Dranetz, to Gulton Industries, Inc. High sensitivity electrical relay. 2,850,593, 9-2-58, Cl. 200-87.
- Hoover, Frank M., to Hoover Products, Inc. Pacifier and shield therefor. 2,860,639, 11-18-58, Cl. 128-359.
- Hoover, Merle V.: *See*—
 Koros, Leslie L., and Hoover. 2,840,647.

- Hoover, Merle V., to Radio Corp. of America. Electron discharge device. 2,844,752, 7-22-58, Cl. 313-307.
- Hoover, Merle V., to Radio Corp. of America. Electron tube. 2,853,610, 9-23-58, Cl. 313-247.
- Hoover, Michael C., to Mandrel Industries, Inc. Compensation for two point regulated amplifier. 2,841,718, 7-1-58, Cl. 250-214.
- Hoover Products, Inc.: See—
- Hoover, Frank M. 2,860,639.
- Hope, David G.: See—
- Jones, Vincent C., and Hope. 2,852,158.
- Hope, Orville L., to Textile Machinery Exchange Inc. Traveling yarn balloon control. 2,865,162, 12-23-58, Cl. 57-110.
- Hope-Page Engineering Corp.: See—
- Page, Rory E. 2,823,670.
- Hope, William F.: See—
- Kauffman, John H., and Hope. 2,846,879.
- Hopeman, Albert A., Jr., and J. A. Bohnsack, to Hopeman Bros., Inc. Folding berth. Re. 24,457, 4-15-58, Cl. 5-9.
- Hopeman Bros., Inc.: See—
- Hopeman, Albert A., Jr., and Bohnsack. Re. 24,457.
- Hopf, Edgar W.: See—
- Evans, William E., Pohl, Dixon, and Hopf. 2,863,938.
- Hopf, Hans S.: See—
- Boon, William R., Edgar, Ghosh, Greenhalgh, Hopf, and Burnand. 2,841,517.
- Hopf, Maria I.: See—
- Evans, William E., Pohl, Dixon, and Hopf. 2,863,938.
- Hopfeld, Fred P., to Grand Specialties Co. Die tables. 2,849,085, 8-26-58, Cl. 187-17.
- Hopfer, Samuel, to United States of America, Army. Crystal detector assembly. 2,842,665, 7-8-58, Cl. 250-31.
- Hopff, Heinrich, H. Kuhn, and U. Hoffmann, to Pittsburgh Coke & Chemical Co. Process for the preparation of β -phenyl ethyl alcohol. 2,822,403, 2-4-58, Cl. 260-618.
- Hopff, Heinrich, and K. Jost, to Badische Anilin- & Soda-Fabrik Akt. Interpolymers of acrylonitrile and a process of producing same. 2,831,827, 4-22-58, Cl. 260-41.
- Hopgood, Robert B., to The Eyleet Specialty Co. Cosmetic container. 2,840,229, 6-24-58, Cl. 206-56.
- Hopgood, Roy C.: See—
- Hagen, Erling M. 2,863,178.
- Hopgood, Roy C., to Servo Corp. of America. Wide-angle, energy responsive scanning system. 2,859,652, 11-11-58, Cl. 88-1.
- Hopkins, Alfred J., to Gaw-O'Hara Envelope Co. Shipment data holder. 2,843,310, 7-15-58, Cl. 229-72.
- Hopkins, Cecil L. Retractable brush applicator with magnetic brush retainer. 2,849,738, 9-2-58, Cl. 15-139.
- Hopkins, Charles H., and H. Mathis. Safety device for circuit controllers. 2,863,012, 12-2-58, Cl. 200-50.
- Hopkins, Charles W., and J. A. Basley, to The Dow Chemical Co. Etching. 2,828,194, 3-25-58, Cl. 41-43.
- Hopkins, Durward K., to Sommer Products Co. Wire feeding and cut off apparatus. 2,826,251, 3-11-58, Cl. 164-39.
- Hopkins, Frank, to Massey-Ferguson Inc. Rotary hoe wheel. 2,848,932, 8-26-58, Cl. 97-212.
- Hopkins, Frank L., to Bemis Bro. Bag Co. Magnetic lock for scale beams and the like. 2,842,330, 7-8-58, Cl. 249-36.
- Hopkins, Frank L., and R. H. Ayres, to Bemis Bro. Bag Co. Bag top closing and sealing machine. 2,845,760, 8-5-58, Cl. 53-67.
- Hopkins, G., & Sons Ltd.: See—
- Stoakes, Henry H., and Gunner. 2,829,918.
- Hopkins, George M.: See—
- Parham, Hester J. 2,823,706.
- Hopkins, Howe H., to S. B. Eckert. Damping device for wabblers type engines. 2,827,792, 3-25-58, Cl. 74-60.
- Hopkins, John D.: See—
- Davenport, Harold F., and Hopkins. 2,828,924.
- Hopkins, John D. Cushion stripping and process. 2,839,020, 6-17-58, Cl. 112-262.
- Hopkins, John J., and P. Rudnik, to the United States of America as represented by the Secretary of the Navy. Inductance unit. 2,823,361, 2-11-58, Cl. 336-69.
- Hopkins, John R., and F. E. McNulty. Method of applying a protective wrapping to a pipe. 2,828,798, 4-1-58, Cl. 154-41.
- Hopkins, John R., and F. E. McNulty. Method of and product for coating joints of pipe. 2,828,800, 4-1-58, Cl. 154-41.
- Hopkins, John S., to Rockmont Envelope Co. Bank deposit envelopes. 2,855,138, 10-7-58, Cl. 229-72.
- Hopkins, Kenneth W.: See—
- Hutchison, William M., and Hopkins. 2,861,535.
- Hopkins, Leonard F.: See—
- Wells, Archibald H., Nissan, Highton, and Hopkins. 2,866,375.
- Hopkins Mfg. Corp.: See—
- Baxter, George C. 2,834,312.
- Hopkins, Orren B. Magnetic fishing tool. 2,857,970, 10-28-58, Cl. 166-65.
- Hopkins, Philip A.: See—
- Webb, Robert K. 2,853,194.
- Hopkins, Richard J.: See—
- Barrett, Arthur L., and Hopkins. 2,823,791.
- Hopkins, Russell. Pressure mat. 2,858,394, 10-28-58, Cl. 200-86.
- Hopkins, Thomas R.: See—
- Francis, William C., and Hopkins. 2,832,768.
- Francis, William C., Thornton, and Hopkins. 2,832,771.
- Higgins, William A., and Hopkins. 2,858,327.
- Hopkins, Thomas R., W. C. Francis, and J. C. Werner, to Spencer Chemical Co. Process of producing alpha, alpha-dichloro-epsilon-caprolactam. 2,832,769, 4-29-58, Cl. 260-239.3.
- Hopkins, Thomas R., W. C. Francis, and J. C. Werner, to Spencer Chemical Co. Preparation of alpha-bromo and alpha-iodo-epsilon-caprolactam. 2,832,770, 4-29-58, Cl. 260-239.3.
- Hopkins, William C.: See—
- Gorham, John F., Strazdins, Hopkins, and Senese. 2,832,692.
- Gorham, John F., Strazdins, Hopkins, and Senese. 2,832,693.
- Hopkins, William L., Sr., to G and A Laboratories, Inc. Filter apparatus. 2,865,511, 12-23-58, Cl. 210-416.
- Hopkins, Winfield C.: See—
- Ulvild, George B., Tatum, and Hopkins. 2,862,962.
- Hopla, Lloyd M. Pouring spout and strainer for paint can. 2,849,158, 8-26-58, Cl. 222-189.
- Hoppe, Boris. Convertible desk. 2,829,939, 4-8-58, Cl. 312-241.
- Hoppe, Charles T., 50% to J. T. Ryan. Syringe with attached serum bottle. 2,845,066, 7-29-58, Cl. 128-218.
- Hoppe, John P., $\frac{1}{4}$ to R. E. Burns. Production of moving light effects. 2,821,393, 1-28-58, Cl. 272-10.
- Hoppe, Peter: See—
- Brochhagen, Franzkarl, Schmidt, and Hoppe. 2,846,408.
- Hoppe, Peter, to Farbenfabriken Bayer Akt. Process for producing plates, shells and shaped elements. 2,855,021, 10-7-58, Cl. 154-41.
- Hoppe, Walter, to El-Re-Ma S. A. Switching device. 2,854,541, 9-30-58, Cl. 200-87.
- Hopper, Andrew L., to Bell Telephone Laboratories, Inc. Electrically variable wave guide resonant. 2,825,877, 3-4-58, Cl. 333-81.
- Hopper, Andrew L., to Bell Telephone Laboratories, Inc. Compensated plate type limiter. 2,861,185, 11-18-58, Cl. 250-27.
- Hopper, Kermit D., Sr. Liquid separation decanter. 2,846,073, 8-5-58, Cl. 210-256.
- Hopper, Lucien L., Jr., to the United States of America as represented by the Secretary of Agriculture. Process of preparing tung oil varnish resins. 2,829,064, 4-1-58, Cl. 106-222.
- Hopper, Peter, E. Weinbrenner, C. Muhlhausen, and K. Breer, $\frac{1}{2}$ to Farbenfabriken Bayer Akt., and $\frac{1}{2}$ to Mobay Chemical Co. Process for the manufacture of polyurethane plastics. Re. 24,514, 8-12-58, Cl. 260-2.5.
- Hoppermann, Ole L., to H. Andersen. Adjustable transformer, preferably for current supply of X-ray installations. 2,859,421, 11-4-58, Cl. 336-147.
- Hoppesch, Gustav. Retracting mud flap. 2,857,200, 10-21-58, Cl. 298-1.
- Hopson, Robert W. Truck body extension. 2,852,303, 9-16-58, Cl. 296-26.
- Hopton, Alfred W. Imparting water resistance to leather. 2,827,432, 3-18-58, Cl. 252-8.57.
- Hopwood, Stafford L., Jr.: See—
- Errede, Louis A., and Hopwood. 2,864,865.
- Hopwood, Stafford L., Jr., and L. A. Errede, to Minnesota Mining and Mfg. Co. Aromatic carboxylic acids and derivatives and preparation thereof from peroxide polymers. 2,864,855, 12-16-58, Cl. 260-475.
- Horak, Anna. Venetian blinds. 2,822,043, 2-4-58, Cl. 160-172.
- Horbach, Leo: See—
- Eisenhofer, Johann, and Horbach. 2,838,049.
- Horback, William B.: See—
- Singleton, Robert W., Horback, Riley, and Sprague. 2,862,833.
- Horelois, Raymond J., to Societe des Usines Chimiques Rhone-Poulenc. Novel chemical compounds. 2,839,530, 6-17-58, Cl. 260-243.
- Horelois, Raymond J., to Societe des Usines Chimiques Rhone-Poulenc. 9,9-dioxy-10-(2,3-bis(piperidino-1-propyl) phenothiazine. 2,866,787, 12-30-58, Cl. 260-243.
- Horelois, Raymond J., M. Malakoff, A. Jean, and E. Suau, to Societe des Usines Chimiques Rhone-Poulenc. Phenothiazinyl-alkanoic acid-alkyl amides. 2,820,031, 1-14-58, Cl. 260-243.
- Horelois, Raymond J., and E. Suau, to Societe des Usines Chimiques Rhone-Poulenc. Piperazine derivatives. 2,827,459, 3-18-58, Cl. 260-243.
- Hord, Paul E. Window mounting attachment for room air conditioners. 2,818,793, 1-7-58, Cl. 98-94.
- Hordeluck, John F., to The W. L. Maxson Corp. Trigger means. 2,821,602, 1-28-58, Cl. 200-123.
- Hordern, Mason and Edwards Ltd.: See—
- Deykin, Ronald F. 2,818,798.
- Horecky, Stanley, to General Electric Co. Clothes drying machines. 2,820,304, 1-21-58, Cl. 34-45.
- Horeczy, Joseph T.: See—
- Boynton, Harry G., and Horeczy. 2,832,811.
- Boynton, Harry G., and Horeczy. 2,847,488.
- Horelick, Arnold L., to McGraw-Edison Co. Electrical winding. 2,846,657, 8-5-58, Cl. 336-180.

- Horelick, Arnold L., and J. R. Smith, to McGraw-Edison Co. Core construction for transformers. 2,864,065, 12-9-58, Cl. 336-100.
- Horenstein, Samuel. Animal trap. 2,858,638, 11-4-58, Cl. 43-81.
- Horey, Frank A.: *See*—
Lindeman, Jesse G., and Horey. 2,843,948.
- Horgen, Heige. Auto-generators of hot gases under pressure, and in particular in free piston auto-generators. 2,823,654, 2-18-58, Cl. 123-46.
- Horger, Lewis B. Bag with tie cord. 2,866,489, 12-30-58, Cl. 150-1.
- Hori, Kunihiko, to Nippon Kogaku K. K. Lens hood. 2,837,957, 6-10-58, Cl. 88-1.
- Horix Mfg. Co.: *See*—
Reno, Ralph B. 2,839,094.
- Horizons Inc.: *See*—
Cunningham, George L. 2,820,068.
Cunningham, George L. 2,860,951.
Cunningham, George L., Pretka, and Zelnik. 2,852,452.
Finn, John M., Jr. 2,850,494.
Fotland, Richard A. 2,844,543.
Freedman, Meyer L. 2,827,408.
Mataich, Peter F. 2,866,262.
Mayer, Edward F. 2,862,090.
Mayer, Edward F., and Owens. 2,822,300.
Merlub-Sobel, Menahem. 2,824,785.
Merlub-Sobel, Menahem. 2,824,786.
Schlosser, Herbert. 2,844,493.
Steinberg, Morris A. 2,833,679.
Steinberg, Morris A. 2,863,759.
Wyatt, James L. 2,844,459.
Wyatt, James L. 2,844,461.
Wyatt, James L. 2,844,462.
- Horizons Titanium Corp.: *See*—
Cunningham, George L. 2,832,731.
Raynes, Bertram C. 2,822,259.
Sibert, Merle E., and Burwell. 2,828,251.
Wainer, Eugene. 2,821,506.
Wainer, Eugene. 2,824,053.
Wainer, Eugene. 2,833,641.
Wainer, Eugene. 2,833,704.
Wainer, Eugene. 2,833,706.
Wainer, Eugene. 2,844,499.
- Horlacher, Herman, to The Cincinnati Milling Machine Co. Tracer controlled angular cutter. 2,841,053, 7-1-58, Cl. 90-13.5.
- Horman, John H., to Allied Control Co., Inc. Counter-balanced armature for electromagnets. 2,832,921, 4-29-58, Cl. 317-195.
- Hormel, Geo. A., & Co.: *See*—
Murphy, Laurence W. 2,841,817.
- Horn, Charles E., to General Dynamics Corp. Ultrasonic testing device. 2,846,874, 8-12-58, Cl. 73-67.1.
- Horn, Clyde R.: *See*—
Kleinmann, Erwin S., Keller, Moore, Horn, and Lindblom. 2,838,991.
- Horn, Fordyce H.: *See*—
Taft, Ernest A., Jr., and Horn. 2,847,544.
Taft, Ernest A., Jr., and Horn. 2,860,219.
- Horn, Hans, and R. F. McCullough, to International Minerals & Chemical Corp. Production of silico fluorides. 2,865,709, 12-23-58, Cl. 23-88.
- Horn & Hardart Co. of New York: *See*—
Smith, John D. 2,865,698.
- Horn, Harry J.: *See*—
McKay, Michael W., and Horn. 2,833,992.
- Horn, Heinz, to Felten & Guillaume Carlswerk Akt. High tension pressure cable. 2,854,500, 9-30-58, Cl. 174-28.
- Horn, John C.: *See*—
Wilson, Rufus W., and Horn. 2,860,800.
- Horn, Leon: *See*—
Reinhart, Frank W., Slone, Horn, and George. 2,852,424.
- Horn, Loy G.: *See*—
Sieg, Robert P., Lynch, and Horn. 2,831,041.
- Horn, Merl E., to Westinghouse Electric Corp. Circuit breaker. 2,840,663, 6-24-58, Cl. 200-108.
- Horn, Otto, and H. Jockusch, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Honeig. Process for separating crude mixtures of terephthalic acid and para-toluic acid. 2,822,388, 2-4-58, Cl. 260-525.
- Horn, Thurman W. Ash tray. 2,850,198, 9-2-58, Cl. 220-18.
- Horn, William D., and M. F. Easterling; said Easterling as-
sor. to said Horn. Audience survey system. 2,861,176, 11-18-58, Cl. 250-2.
- Hornaday, James R.: *See*—
Gibson, Lowell, Hornaday, and Heidorn. 2,825,499.
- Hornauer, Willy H. O., to Ampatco Laboratories Corp. Elec-
trical connector. 2,846,649, 8-5-58, Cl. 324-155.
- Hornback, Joseph R.: *See*—
Buchenberger, Leroy, and Hornback. 2,862,435.
- Hornberger, Clarence L., to Armstrong Cork Co. Tumbler
for mixing plastic composition. 2,832,574, 4-29-58, Cl. 259-81.
- Hornbostel, Lloyd, 1/2 to R. Hornbostel and 1/2 to Lloyd Horn-
bostel, Jr. Perforated drum type liquid filter. Re. 24,430,
2-11-58, Cl. 210-387.
- Hornbostel, Lloyd, to Beloit Iron Works. Paper machine
dryer drive mechanism. 2,841,882, 7-8-58, Cl. 34-121.
- Hornbostel, Lloyd, to Beloit Iron Works. Dryer. 2,844,887,
7-29-58, Cl. 34-119.
- Hornbostel, Lloyd, to Beloit Iron Works. Calender stack with
individually supported rolls. 2,850,952, 9-9-58, Cl. 92-75.
- Hornbostel, Lloyd, to Beloit Iron Works. Device for coating
a traveling sheet. 2,861,541, 11-25-58, Cl. 118-119.
- Hornbostel, Lloyd, Jr.: *See*—
Hornbostel, Lloyd, Re. 24,430.
- Hornbostel, Rogers: *See*—
Hornbostel, Lloyd, Re. 24,430.
- Horne, Bentz J.: *See*—
Diehl, James L., and Horne. 2,866,495.
- Horne, James Q., Jr. Mixing valve. 2,855,001, 10-7-58,
Cl. 137-637.4.
- Horne, James Q., Jr. Method and means for depressurizing
containers. 2,858,721, 11-4-58, Cl. 81-347.
- Horne, Marion C. Clothes hanger. 2,835,423, 5-20-58, Cl.
223-96.
- Horne, Oma V., and L. J. Velia, to Hunter Douglas Aluminum
Corp. Method and means for packaging vertical slat draw
drapes. 2,822,083, 2-4-58, Cl. 206-46.
- Horne, Samuel E., Jr.: *See*—
Kebe, Henry J., and Horne. 2,825,733.
- Horne, William A.: *See*—
McKinley, Joseph B., and Horne. 2,864,875.
- Horne, William P., to Brightleaf Industries, Inc. Ventilator
for tobacco curing bar with combination top and closure.
2,856,835, 10-21-58, Cl. 98-42.
- Horner, Clifford E.: *See*—
Gillies, Wallace, and Horner. 2,858,471.
- Horner, Hugh: *See*—
Miskel, John J., Horner, and Lott. 2,848,997.
- Horn, Nadine B. Non-spill pocket. 2,840,824, 7-1-58, Cl.
2-247.
- Horn, William L., to Core Laboratories, Inc. Method of
increasing oil recovery. 2,842,204, 7-8-58, Cl. 166-9.
- Hornickel, Robert R.: *See*—
Austin, Harry W., Hornickel, and Sietam. 2,844,820.
- Hornschuch, Hanns: *See*—
Burns, Stanley S., and Hornschuch. 2,844,101.
- Hornschuch, Hanns, and A. Brkich, to Ingersoll Rand Co.
Adjusting device for pump impellers. 2,865,299, 12-23-58,
Cl. 103-111.
- Hornsteiner, Maximilian: *See*—
Bauder, Ulrich, and Hornsteiner. 2,854,899.
- Horowitz, Marcus, to Metalastik Ltd. Torque transmission
couplings. 2,822,676, 2-11-58, Cl. 64-11.
- Horowitz, Marcus, to Metalastik Ltd. Connecting pin having
depressible locking element mounted in a rubber sleeve.
2,859,651, 11-11-58, Cl. 85-5.
- Horowitz, Harry. Woven friction fabrics. 2,835,279,
5-20-58, Cl. 139-421.
- Horowitz, Harry, and A. Schneiderman. Toy machine gun
construction. 2,828,732, 4-1-58, Cl. 124-29.
- Horowitz, Harry, and A. Schneiderman. Toy machine-gun
magazine. 2,830,570, 4-15-58, Cl. 124-52.
- Horowitz, Irving, 1/2 to I. S. Blonder and 1/2 to B. H. Tongue.
Radiation receiver sensitivity control. 2,833,957, 5-6-58,
Cl. 315-10.
- Horowitz, Irving, to U. V. Mfg. Corp. Phase detector and
oscillator system. 2,848,617, 8-19-58, Cl. 250-36.
- Horowitz, Irving, 1/2 to I. S. Blonder and 1/2 to B. H. Tongue.
Electronic protective system. 2,860,283, 11-11-58, Cl.
315-20.
- Horowitz, Isadore. Web construction for top fitting castings.
2,851,293, 9-9-58, Cl. 287-54.
- Horowitz, Joseph, to Babbitt Pipe Co., Inc. Process of mak-
ing laminated plastic-impregnated paper tubes. 2,833,634,
5-6-58, Cl. 154-83.
- Horowitz, Leopold A., to Radio Corp. of America. Stabilized
high frequency amplifier circuits. 2,841,655, 7-1-58, Cl.
179-171.
- Horowitz, Robert M., to United States of America, Agricul-
ture. Process for production of eriodictyol. 2,857,318,
10-21-58, Cl. 195-32.
- Horowitz, Samuel D., to United States of America, Army.
Retainer assembly for a fuze. 2,856,835, 10-21-58, Cl.
102-79.
- Horowitz, Shmuel: *See*—
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- Horsfield, William D.: *See*—
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- Horsley, Lee H.: *See*—
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- Horsman, Harold M.: *See*—
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- Horst, John C.:** See—
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- Horst, Raymond W.:** See—
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- Horst, Robert E.:** See—
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- Horstmann, Bevan G. and T. Sherwen.** Work tables for woodworking and like machines. 2,822,836, 2-11-58, Cl. 143—132.
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- Horton, Melvin A.** Football game. 2,828,964, 4-1-58, Cl. 273—94.
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- Hosmer, Chester C., and E. L. Launder,** to H. & L. Tooth Co. Mounting for digger tooth blade. 2,846,791, 8-12-58, Cl. 37—142.
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- Hosmer, William A.,** to General Aniline & Film Corp. Molecular weight fractionation of polyvinylpyrrolidone. 2,847,407, 8-12-58, Cl. 260—88.3.
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- Hotten, Bruce W., to California Research Corp. Greases thickened with polyamido acid salts. 2,849,400, 8-26-58, Cl. 252-33.6.
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- Hoven, Alfred C., D. N. Humphries, and W. E. Nordmark, to American Seating Co. Footed furniture leg. 2,865,133, 12-23-58, Cl. 45—137.
- Hover, Borre. Illuminated inspection device. 2,858,416, 10-28-58, Cl. 240—218.
- Hovey, Alva and R. V. Arch bead. 2,843,888, 7-22-58, Cl. 20—74.
- Hoyer, Ralph V.: *See*—
 Hovey, Alva and R. V. 2,843,888.
- Hovind, John K., to National Gypsum Co. Adjustable base clip. 2,863,184, 12-9-58, Cl. 20—74.
- Hovingh, Albertus R.: *See*—
 Dijksterhuis, Popko, and Hovingh. 2,847,372.
 Dijksterhuis, Popko R., and Hovingh. 2,859,512.
- Hovland, Howard N.: *See*—
 Bonini, John H., and Hovland. 2,852,133.
- Hovland, Howard N., to Marathon Corp. Container. 2,826,349, 3-11-58, Cl. 229—17.
- Hovnanian, Brair P., and R. D. Zimmer, to The Calidyne Co., Inc. Leakage flux compensating coil. 2,846,597, 8-5-58, Cl. 310—27.
- Howard, Allan M., to Nortons-Triviale Ltd. Vehicle haulage system. 2,859,704, 11-11-58, Cl. 104—176.
- Howard, Allan M., to Nortons-Triviale Ltd. Apparatus for hauling vehicles. 2,863,399, 12-9-58, Cl. 104—176.
- Howard, Arthur C., to Rotary Hoes Ltd. Road making machines. 2,828,677, 4-1-58, Cl. 94—49.
- Howard Brothers Mfg. Co.: *See*—
 Caille, Eugene V. 2,848,755.
 Ellertsen, Walter C. 2,822,084.
- Howard, Don R., to The Wright Line, Inc. Filing cabinet drawer locking mechanism. 2,842,419, 7-8-58, Cl. 312—218.
- Howard, Donald F., to North American Aviation, Inc. Radiation type flowmeter. 2,841,713, 7-1-58, Cl. 250—43.5.
- Howard, Donald W.: *See*—
 Gaston, Gardner E., and Howard. 2,843,464.
- Howard, Earl L.: *See*—
 Bibb, John W., Jr., and Howard. 2,823,276.
- Howard, Edward G., Jr., to E. I. du Pont de Nemours and Co. 5-hydroxy pyrrolone-2. 2,824,110, 2-18-58, Cl. 260—326.3.
- Howard, Edward G., Jr., to E. I. du Pont de Nemours and Co. 4-negative functionally substituted 2,3,5-trichalogen-pyrrolidines, their salts, and methods for preparing them. 2,832,790, 4-29-58, Cl. 260—326.3.
- Howard, Edward G., Jr., to E. I. du Pont de Nemours and Co. Exocyclic =NH group and =S atom substituted pyrrolidines and piperidines, their acid salts, and methods for their preparation. 2,841,588, 7-1-58, Cl. 260—293.4.
- Howard, Edward G., Jr., to E. I. du Pont de Nemours and Co. 5-oxo-1,9-dithianes. 2,848,458, 8-19-58, Cl. 260—327.
- Howard, Edward J., and W. B. Cranford, to Canadian International Paper Co. Manufacture of alkali cellulose and pulp sheets therefor. 2,841,580, 7-1-58, Cl. 260—233.
- Howard, Edwin C., to Hercules Powder Co. Rosin refining. 2,846,429, 8-5-58, Cl. 260—107.
- Howard, Francis M., and C. J. Halamka, to California Research Corp. Addition of microcrystalline wax to lubricating oils to prevent wax flocculation. 2,852,445, 9-16-58, Cl. 196—151.
- Howard, Frank S., to Whirlpool Corp. Sewing machine. 2,850,996, 9-9-58, Cl. 112—220.
- Howard, George C.: *See*—
 Bearden, William G., and Howard. 2,842,206.
 Bearden, William G., Howard, and Evans. 2,842,449.
 Clark, Joseph B., Jr., Howard, and East. 2,838,116.
- Howard, George G., to Scovill Mfg. Co. Flexible hose coupling having strengthening means. 2,825,588, 3-4-58, Cl. 285—258.
- Howard, Georgiana. Combined wax applicator, spreader, and camber block for skis. 2,851,712, 9-16-58, Cl. 15—105.
- Howard, Harold A., to The Hairlok Co. Ltd. Preparation of hair or other fibres for upholstery or other purposes. 2,845,687, 8-5-58, Cl. 28—4.
- Howard, Harvey E. Specific gravity tester. 2,819,605, 1-14-58, Cl. 73—32.
- Howard, James E. Shelf edge sign assembly. 2,827,718, 3-25-58, Cl. 40—10.
- Howard, James H., to Camco, Inc. Combination self-cleaning constant and intermittent flow valve. 2,837,108, 6-3-58, Cl. 137—155.
- Howard, John H., to Cranston Print Works Co. Pleating apparatus for pleating textile fabric. 2,821,237, 1-28-58, Cl. 154—30.
- Howard, John W., to The General Pacific Corp. Fire extinguisher. 2,822,054, 2-4-58, Cl. 169—31.
- Howard, Leonard L., and C. M. Tyler, to Chas. D. Briddell, Inc. Method of ornamentation. 2,847,370, 8-12-58, Cl. 201—18.
- Howard, Linwood F. Engine starting system. 2,864,357, 12-16-58, Cl. 123—179.
- Howard, Marshall R.: *See*—
 Hanzel, Francis J., Redgrave, and Howard. 2,857,624.
- Howard, Robert F. Ventilated horizontal slat metal awning. 2,825,100, 3-4-58, Cl. 20—57.5.
- Howard, Robert G., to Lockheed Aircraft Corp. Control surface actuators. 2,861,758, 11-25-58, Cl. 244—90.
- Howard, Robert V. Game apparatus simulating an invasion. 2,859,037, 11-4-58, Cl. 273—1.
- Howard, Sheldon J., and G. O. Bartoo, to Trico Products Corp. Cable tensioner for windshield cleaner transmission. 2,860,263, 11-18-58, Cl. 15—253.
- Howard, Stanley R., to Pneumatic Scale Corp., Ltd. Material feeding device. 2,819,788, 1-14-58, Cl. 198—220.
- Howard, Tulane B. Power-driven remote-controlled toy vehicle. 2,852,888, 9-23-58, Cl. 46—244.
- Howard William L., S. R. McLane, Jr., and R. L. Weintraub. Ethers of chlorinated and fluorinated phenols. 2,839,582, 6-17-58, Cl. 260-612.
- Howarth, William. Self balancing window control. 2,852,817, 9-23-58, Cl. 20—52.4.
- Howatt, George F., to New England Envelope Mfg. Co. Banding machine. 2,842,915, 7-15-58, Cl. 53—74.
- Howden, Peter, to Ernest Newell & Co. Rotary drum mixers and like apparatus. 2,845,254, 7-29-58, Cl. 259—3.
- Howdle, Frederic E., and C. W. Otto, to Cutler-Hammer, Inc. Machine for and method of counting and stacking newspapers and the like. 2,819,661, 1-14-58, Cl. 93—93.
- Howe, Boyd A., to the United States of America as represented by the Secretary of the Navy. Shock actuated mechanism. 2,818,734, 1-7-58, Cl. 74—2.
- Howe, Earle E.: *See*—
 McLaughlin, Frank L. 2,822,850.
- Howe, Eugene E., to Merck & Co., Inc. Extraction of 4-amino-3-isoxazolidone. 2,845,433, 7-29-58, Cl. 260—307.
- Howe & Pant, Inc.: *See*—
 Charlat, Arnold S. 2,827,808.
 Charlat, Arnold S. 2,866,530.
- Howe Folding Furniture, Inc.: *See*—
 Howe, Harold. 2,821,031.
- Howe Goodwin H., Jr.: *See*—
 Taylor, William G., and Howe. 2,845,249.
- Howe, Harlan L., to Carrier Corp. Air distribution assembly. 2,865,277, 12-23-58, Cl. 98—40.
- Howe, Harold, to Howe Folding Furniture, Inc. Snowshoe binding. 2,821,031, 1-28-58, Cl. 36—4.5.
- Howe, Harold H. Tubeless tire and wheel combination. 2,843,171, 7-15-58, Cl. 152—9.
- Howe, Harold V. Collapsible golf bag support. 2,857,124, 10-21-58, Cl. 248—96.
- Howe, Harry. Automatic voltage stabilising devices for A. C. circuits. 2,847,639, 8-12-58, Cl. 323—45.
- Howe, James W.: *See*—
 Petrea, James C., and Howe. 2,833,097.
- Howe, James W., Jr.: *See*—
 Petrea, James C., and Howe. 2,859,036.
- Howe, John R. Tubular conveyor. 2,825,443, 3-4-58, Cl. 198—213.
- Howe, Lawrence C.: *See*—
 Cairns, Thomas C. 2,833,069.
- Howe, Richard J.: *See*—
 Cox, William R., Jr., and Howe. 2,854,215.
- Howe, Richard T., E. Manne, E. B. Morgan, B. J. Oom, and G. V. Spencer, to American Seating Co. Theater chair with self-folding seat. 2,828,803, 4-1-58, Cl. 155—85.
- Howe, Russell E., and P. J. Morisy, to International Business Machines Corp. Rotary brush feed. 2,832,538, 4-29-58, Cl. 235—61.11.
- Howe, Russell F. Poultry eviscerator. 2,818,599, 1-7-58, Cl. 17—11.
- Howe, Wilfred H., to the United States of America as represented by the Secretary of the Navy. Torpedo control system. 2,824,538, 2-25-58, Cl. 114—25.

- Howe, William M., to General Electric Co. Electric impulse responsive device. 2,832,067, 4-22-58, Cl. 340-203.
- Howell, Alleyne C., Jr.: *See*—
Ford, Tirev L., Shaw, Howell, Pfaff, and Rice. 2,860,198.
Stiner, Stewart, Stephenson, and Howell. 2,832,865.
- Howell, Edward K., to General Electric Co. Automatic frequency control system. 2,858,436, 10-28-58, Cl. 250-36.
- Howell, Edwin R., Jr.: *See*—
Himka, John, and Howell. 2,857,198.
- Howell, Forrest W., to Thompson Products, Inc. Method for shaping piston rings. 2,848,361, 8-19-58, Cl. 148-12.
- Howell, Harold C., Jr.: *See*—
Gwilliam, Glenn B., and Howell. 2,823,127.
- Howell, Horace F., to Massey-Harris-Ferguson Inc. Root-crop topper. 2,834,176, 5-13-58, Cl. 56-121.46.
- Howell, Hugh A., to Oak Mfg. Co. Chopper. 2,859,299, 11-4-58, Cl. 200-91.
- Howell, John C., to Southern States Equipment Corp. High voltage electric fuse. 2,844,691, 7-22-58, Cl. 200-120.
- Howell, John F., to General Electric Co. Density gauging method and apparatus. 2,831,980, 4-22-58, Cl. 250-83.3.
- Howell, John F., to General Electric Co. Light responsive system. 2,853,652, 9-23-58, Cl. 315-83.1.
- Howell, John G., Jr., and G. H. Pannell, to Owens-Illinois Glass Co. Electrode and holder assembly. 2,866,960, 12-30-58, Cl. 339-265.
- Howell, John H.: *See*—
Applegate, Vernon C., and Howell. 2,821,499.
Doughty, Edward W., Howell, and Eccles. 2,832,724.
- Howell, John S., to B. & H. Instrument Co., Inc. Device for calibrating heat responsive units. 2,854,844, 10-7-58, Cl. 73-1.
- Howell, Kenneth L. Split sleeve bearing. 2,840,425, 6-24-58, Cl. 308-27.
- Howell, Kenneth W.: *See*—
Gradoff, Alex, Howell, and Vinoff. 2,822,569.
- Howell, Maurice R., to Columbian Carbon Co. Carbon black separation. 2,851,124, 9-9-58, Cl. 183-34.
- Howell, Robert H.: *See*—
Woodie, Robert A., Howell, and Chandler. 2,834,735.
- Howell, Robert J., C. E. McClellan, and H. A. Musk, to the United States of America as represented by the Secretary of the Navy. Frequency modulation. 2,830,176, 4-8-58, Cl. 250-17.
- Howell, Robert V. Hydraulic transmission and clutch assembly. 2,862,406, 12-2-58, Cl. 74-768.
- Howell-Rogin Studio, Inc.: *See*—
Howell, Thomas B., and Rogin. Re. 24,525.
- Howell, Ronald T., to Northrop Aircraft, Inc. Self locking bushing. 2,837,942, 6-10-58, Cl. 77-62.
- Howell, Sabert N., to Servo Corp. of America. Hot-box detector. 2,829,267, 4-1-58, Cl. 250-83.3.
- Howell, Thomas B., and M. Rogin, to Howell-Rogin Studio, Inc. Composite optical image projection apparatus. Re. 24,525, 8-26-58, Cl. 88-24.
- Howell, William C., Jr.: *See*—
Wasson, Jones I., Bonham, and Howell. 2,830,956.
- Howells, Rulon S. Battery terminal anti-corrosion device and battery terminal protector. 2,820,208, 1-14-58, Cl. 339-116.
- Howenstine, Douglas: *See*—
Forrest, Bernard F., and Howenstine. 2,856,639.
- Hower, Wayne F.: *See*—
Ramos, Joe, and Hower. 2,837,163.
- Howerton, Arthur E., and K. R. Dale, to Columbia-Southern Chemical Corp. Contact device. 2,862,698, 12-2-58, Cl. 261-114.
- Howerton, Harley, $\frac{1}{2}$ to J. Howerton. Soap tray. 2,842,893, 7-15-58, Cl. 45-28.
- Howerton, James: *See*—
Howerton, Harley. 2,842,893.
- Howes, Jack L., Collet. 2,835,498, 5-20-58, Cl. 279-51.
- Howes, Leslie D., to National Research Council. Pulsating torch igniter. 2,847,826, 8-19-58, Cl. 60-39.82.
- Howes, Ronald B., and B. F. Gill, Jr., to J. F. Koons. Process of making a plate oxide rectifier. 2,825,668, 3-4-58, Cl. 148-6.3.
- Howey, Charles K., T. T. Kumagai, and G. A. Shifrin, to Hughes Aircraft Co. Variable reluctance electromagnetic devices. 2,848,698, 8-19-58, Cl. 336-30.
- Howitt, George L., and A. A. Goldberg, to Columbia Broadcasting System, Inc. Dynamic convergence apparatus for color television receiver. 2,836,761, 5-27-58, Cl. 315-13.
- Howk, Benjamin W.: *See*—
Arnold, Herriek R., Fawcett, and Howk. 2,825,705.
- Howk, Benjamin W., and J. C. Sauer, to E. I. du Pont de Nemours and Co. Polymeric reaction products of unsaturated dilactones and complementary polyfunctional reactants. 2,840,548, 6-24-58, Cl. 260-78.3.
- Howk, Benjamin W., and J. C. Sauer, to E. I. du Pont de Nemours and Co. Preparation of organic compounds. 2,840,613, 6-24-58, Cl. 260-609.
- Howk, Benjamin W., and J. C. Sauer, to E. I. du Pont de Nemours & Co. N,N-disubstituted-5-disubstituted-amino-2,3-dihydro-3-furamides and their preparation. 2,859,214, 11-4-58, Cl. 260-247.2.
- Howland, Louis H., and A. Nisonoff, to United States Rubber Co. Increasing the particle size of synthetic rubber latices by utilizing volatile base salts. 2,839,483, 6-17-58, Cl. 260-23.7.
- Howles, Donald A.: *See*—
Wright, John W., and Howles. 2,860,274.
- Howlett, Edward J. Apparatus for dispensing sheet material. 2,854,304, 9-30-58, Cl. 312-38.
- Howlett, Frank H.: *See*—
Howlett, George H. 2,860,522.
- Howlett, George H., to F. H. Howlett. Shifting mechanism for transmission. 2,860,522, 11-18-58, Cl. 74-473.
- Howry, Douglass H. Transducer. 2,833,999, 5-6-58, Cl. 340-8.
- Howsam, Hilyard C. Disposable reel. 2,856,137, 10-14-58, Cl. 242-118.7.
- Howsmon, John A.: *See*—
Hollihan, John P., Jr., Howsmon, and Sisson. 2,852,334.
- Howson, Louis, to Bell Telephone Laboratories, Inc. Phase shifting circuit. 2,851,658, 9-9-58, Cl. 324-57.
- Howze, James B., to Insley Mfg. Corp. Vehicle brake operating mechanism. 2,854,954, 10-7-58, Cl. 121-38.
- Hoy, Earl S.: *See*—
Dentz, Robert N., Hoy, and Kelsen. 2,822,671.
- Höye, John, to Aktieselskabet Token Cellulosefabrik. Process for the fractionating of sulphite lye. 2,865,906, 12-23-58, Cl. 260-124.
- Hoye, Peder B. Electric switch construction. 2,841,672, 7-1-58, Cl. 200-163.
- Hoyer, Ernest C. Package binding machine. 2,824,511, 2-25-58, Cl. 100-31.
- Hoyer, Hans: *See*—
Berthold, Erich, Hoyer, and von Rosenberg. 2,846,330.
Fuchs, Otto, Sommer, and Hoyer. 2,856,377.
- Hoyer, Llewellyn E., and E. R. Gorceya, to American Brake Shoe Co. Journal bearing lubricators. 2,820,679, 1-21-58, Cl. 308-91.
- Hoyer, Llewellyn E., and E. R. Gorceya, to American Brake Shoe Co. Journal bearing lubricators. 2,856,248, 10-14-58, Cl. 308-243.
- Hoyer, Michael G. Mechanical recoil compensator. 2,845,737, 8-5-58, Cl. 42-1.
- Hoyer, Norman S., to Gibson Electric Co. Electrical contact. 2,818,633, 1-7-58, Cl. 29-182.
- Hoyer, Norman S., to Gibson Electric Co. Simultaneous infiltrating and obtaining a brazable surface. 2,851,381, 9-9-58, Cl. 117-227.
- Hoyer, Ted, & Co., Inc.: *See*—
Hoyer, Theodore R., and Hildemann. 2,821,406.
- Hoyer, Theodore R., and V. R. Hildemann, to Ted Hoyer & Co., Inc. Adjustable base invalid lift. 2,821,406, 1-28-58, Cl. 280-34.
- Hoyle, Robert J., Jr., to Timber Engineering Co. Fabricated pole. 2,824,342, 2-25-58, Cl. 20-99.
- Hoyle, Robert J., Jr., to The MacGillis & Gibbs Co. Fabricated pole. 2,834,073, 5-13-58, Cl. 20-99.
- Hoyler, Alfred E., to Avog Elektro- und Feinmechanik G. m. b. H. Windshield wiper attachment. 2,861,290, 11-25-58, Cl. 15-250.
- Hoynak, Peter X., Jr. Closure for collapsible containers. 2,837,252, 6-3-58, Cl. 222-494.
- Hoyt, Clyde W., and L. P. Thomas, Jr., to Radio Corp. of America. Television receiving systems. 2,820,092, 1-14-58, Cl. 178-7.3.
- Hoyt, Earl H., Jr. Arrow fletching device. 2,836,208, 5-27-58, Cl. 144-289.
- Hoyt, Edmund D.: *See*—
De Angelis, Armand, Hoyt, and Di Lorenzo. 2,832,260.
- Hoyt, Helen M. Tackle box. 2,823,971, 2-18-58, Cl. 312-290.
- Hoyt, Howard E.: *See*—
McNaughtan, Thomas J., and Hoyt. 2,856,381.
- Hoyt, Howard E., to The Borden Co. Process of coating granules with a thermosetting resin. 2,829,982, 4-8-58, Cl. 117-100.
- Hoyt, John M., to Minnesota Mining and Mfg. Co. Copolymers of perfluorobutadiene and vinyl alkyl ethers and method of preparation thereof. 2,834,766, 5-13-58, Cl. 260-87.5.
- Hoyt, John M., to Minnesota Mining and Mfg. Co. Copolymers and method of preparation thereof. 2,834,767, 5-13-58, Cl. 260-87.5.
- Hoyt, John M., to Minnesota Mining and Mfg. Co. Copolymers of trifluoroethylene and vinyl carboxylates. 2,836,582, 5-27-58, Cl. 260-87.1.
- Hoyt, John M., to Minnesota Mining and Mfg. Co. Fluoroprene copolymers. 2,843,575, 7-15-58, Cl. 260-87.5.
- Hoyt, Karl R. Method of making television screen and decalomania therefor. 2,828,435, 3-25-58, Cl. 313-92.
- Hoyt, Leo E., and P. D. Blanchard. Sight tank gauge. 2,833,148, 5-6-58, Cl. 73-323.
- Hoyt, Robert P.: *See*—
Weber, Gene C., Hoyt, and Dinsmore. 2,834,745.
- Hrivnyak, John, Anchor. 2,851,983, 9-16-58, Cl. 114-208.
- Hruby, John O., Jr., to Rain Jet Corp. Sprinkler head and nozzle. 2,823,952, 2-18-58, Cl. 299-64.
- Hruby, John O., Jr., to Rain Jet Corp. Sprinkler head and nozzle for producing noncircular spray patterns. 2,854,283, 9-30-58, Cl. 299-18.
- Hruby, Joseph: *See*—
Streich, Paul B., Sr., and Hruby. 2,865,287.
- Hruska, Howard E., to Bendix Aviation Corp. Power steering apparatus. 2,864,340, 12-16-58, Cl. 121-46.5.
- Hrynyszak, Waldemar, to C. A. Parsons & Co. Regenerative heat exchangers especially for combustion turbines. 2,852,233, 9-16-58, Cl. 257-6.

- Hsu, Chih C.: *See*—
Lerch, Charles S., Jr., Slavin, Hooten, Churchill, and Hsu. 2,843,734.
- Hsu, Eu-Phang T.: *See*—
Anagnostopoulos, Constantine E., and Hsu. 2,836,592.
- Hsu, Hsiung: *See*—
Horton, Clifford E., and Hsu. 2,841,734.
- Hsu, Hsiung, to General Electric Co. Gas discharge device. 2,835,836, 5-20-58, Cl. 313-71.
- Huang, Chaang, to Sylvania Electric Products Inc. Transistor switching circuits. 2,825,822, 3-4-58, Cl. 307-88.5.
- Huang, Hsing T.: *See*—
Kita, Donald A., and Huang. 2,841,532.
- Huang, Hsing T. and C. V. Smythe, to Rohm & Haas Co. Removal of excess color bodies in fruit juices. 2,832,688, 4-29-58, Cl. 99-106.
- Hub, Wilhelm, to J. M. Voith, G. m. b. H. Maschinenfabrik. Blade wheel propeller with removable blades. 2,850,104, 9-2-58, Cl. 170-147.
- Hubbard, Addison W.: *See*—
Scheeline, Harold W., Hubbard, and Hakala. 2,825,746.
- Hubbard, Arthur F.: *See*—
Baker, Forest G., and Hubbard. 2,828,110.
- Hubbard, Arthur F., to American Air Filter Co., Inc. Filter mat holder. 2,846,022, 8-5-58, Cl. 183-49.
- Hubbard, Arthur F., to American Air Filter Co., Inc. Collapsible trailer convertible from wheeled vehicle to runner supported vehicle. 2,848,241, 8-19-58, Cl. 280-8.
- Hubbard, Arthur L., to Deere & Co. Cotton picker. 2,855,743, 10-14-58, Cl. 56-33.
- Hubbard, Arthur R., to United Shoe Machinery Corp. Shoe bottom ironing devices. 2,840,836, 7-1-58, Cl. 12-53.5.
- Hubbard, Burton F., and G. H. Fosdick. Potentiometric devices. 2,860,216, 11-11-58, Cl. 201-62.
- Hubbard, Charles L., and K. P. Russell, to International Telephone and Telegraph Corp. Television cabinet construction. 2,850,343, 9-2-58, Cl. 312-7.
- Hubbard, David C., to A. B. Chance Co. Anode for cathodic protection of guy rods and anchors. 2,851,414, 9-9-58, Cl. 204-197.
- Hubbard, Henry J.: *See*—
Rowlands, Tom, and Hubbard. 2,844,371.
- Rowlands, Tom, Osborn, and Hubbard. 2,849,234.
- Hubbard, Herbert L.: *See*—
Glenn, John E., and Hubbard. 2,859,927.
- Hubbard, Herbert L., to Northrop Aircraft, Inc. Force producer and centering mechanism. 2,857,120, 10-21-58, Cl. 244-83.
- Hubbard, James K., to E. I. du Pont de Nemours and Co. Paper-like pellicle and method for producing same. 2,841,491, 7-22-58, Cl. 117-65.
- Hubbard, James R., and W. E. Viscusi, to General Electric Co. Drive mechanism for clothes washers and the like. 2,844,225, 7-22-58, Cl. 188-82.4.
- Hubbard, John L., to The Firth Carpet Co., Inc. Pile wire for use in carpet looms. 2,826,223, 3-11-58, Cl. 139-44.
- Hubbard, Philip C. Portable sawmill frame. 2,853,309, 9-23-58, Cl. 280-106.
- Hubbard, Robert L.: *See*—
Gercke, Ferdinand, Hubbard, and Ferrara. 2,829,756.
- Hubbard, Robert M., to Boeing Airplane Co. Temperature compensated magnetic amplifier. 2,841,656, 7-1-58, Cl. 179-171.
- Hubbard, Robert M., to Boeing Airplane Co. Transistorized inverters. 2,849,673, 8-26-58, Cl. 321-44.
- Hubbard, Stephen R.: *See*—
Chanlund, Carl W., and Hubbard. 2,822,598.
- Hubbard, Stephen R., and C. W. Chanlund, to Cen-Vi-Ro Pipe Corp. Means for prestressing concrete pipe. 2,822,989, 2-11-58, Cl. 242-7.
- Hubbard, William A.: *See*—
Parry, Harvey L., and Hubbard. 2,824,083.
- Hubbard, William M.: *See*—
Adams, Edmond, Hubbard, and Syeles. 2,825,670.
- Adams, Edmond, Syeles, and Hubbard. 2,864,734.
- Hubbard, William R. Combined invalid wheel chair and walker. 2,855,979, 10-14-58, Cl. 155-22.
- Hubbell, Harvey. Fluid operated door actuating mechanism. 2,835,488, 5-20-58, Cl. 268-34.
- Hubbell, Harvey, and J. F. Healy, to Harvey Hubbell, Inc. Dead front receptacle. 2,857,486, 10-21-58, Cl. 200-51.09.
- Hubbell, Harvey, Inc.: *See*—
Carlson, Ernest R., and Hubbell. 2,857,452.
- Hubbell, Harvey, and Healy. 2,857,486.
- Hubbert, Clint. Pistol shaped rule case. 2,842,853, 7-15-58, Cl. 33-138.
- Huber, Clarence W. Master cylinder. 2,844,940, 7-29-58, Cl. 60-54.6.
- Huber, Clyde L., to The Allied Testers, Inc. By-pass and testing tool. 2,850,100, 9-2-58, Cl. 166-149.
- Huber, Emil, to General Electric Co. Brush holder for dynamoelectric machines. 2,862,124, 11-25-58, Cl. 310-246.
- Huber, Erwin W. Method of producing pick-off printed adhesive metal plates. 2,819,195, 1-7-58, Cl. 154-79.
- Huber, Erwin W., to Topflight Corp. Self-destroying pressure sensitive label. 2,845,728, 8-5-58, Cl. 40-2.
- Huber, Glen H. Golf bag stand. 2,846,170, 8-5-58, Cl. 248-96.
- Huber, Hans, and K. Vogt, to Chemische Werke Albert. Process for improving the texture and homogeneity of ground meat products and composition therefor. 2,852,392, 9-16-58, Cl. 99-108.
- Huber Industries, Inc.: *See*—
Huber, John E. 2,826,974.
- Huber, J. M., Corp.: *See*—
Bertorelli, Orlando L. 2,848,346.
- Huber, Jennie: *See*—
Huber Ralph L. 2,847,994.
- Huber, John E., to Huber Industries, Inc. Adjustable mount for sight unit and camera. 2,826,974, 3-18-58, Cl. 95-12.
- Huber, John R., to Eastern Rotorcraft Corp. Release mechanism with manual and power actuation. 2,845,676, 8-5-58, Cl. 24-201.
- Huber, John R., to Eastern Rotorcraft Corp. Chain securing apparatus. 2,848,259, 8-19-58, Cl. 287-60.
- Huber, John R., to Eastern Rotorcraft Corp. Chain anchor release mechanism. 2,848,777, 8-26-58, Cl. 24-241.
- Huber, Karl: *See*—
Biedermann, Friedrich, Huber, and Wick. 2,853,921.
- Gronemeyer, Erich. 2,854,352.
- Huber, Matthew W., to The New York Air Brake Co. Variable speed pump with non-graduating by-pass valve control. 2,827,854, 3-25-58, Cl. 103-42.
- Huber, Max: *See*—
Fresard, Marcel, and Huber. 2,829,513.
- Huber, Max, to Meina S. A. Lock. 2,846,865, 8-12-58, Cl. 70-370.
- Huber, Oscar H. Scaffolds. 2,820,678, 1-21-58, Cl. 304-2.
- Huber, Ralph L., deceased; J. Huber, administratrix. Donor set needle and tubing combination. 2,847,994, 8-19-58, Cl. 128-214.
- Huber, Shirley B.: *See*—
Shapiro, Ruth, and Huber. 2,830,298.
- Huber, Theodore A., to Esso Research and Engineering Co. Apparatus for permanent well completion. 2,831,540, 4-22-58, Cl. 166-123.
- Huber, Theodore A., to Esso Research and Engineering Co. Permanent well completion method. 2,839,142, 6-17-58, Cl. 166-46.
- Huberland, Leon J.: *See*—
Kauffman, Richmond H. 2,860,675.
- Hubert, Clarence A.: *See*—
Jedrzykowski, Edmund, and Hubert. 2,860,717.
- Hubert, Clarence A., to International Harvester Co. Rotatable tractor seat. 2,845,990, 8-5-58, Cl. 155-14.
- Hubert, James H., and P. A. Poutre. Adapter type one-way clutch drive means. 2,843,101, 7-15-58, Cl. 123-179.
- Hübl, Johann: *See*—
Moeltzner, Ernst F. W., and Hübl. 2,823,831.
- Moeltzner, Ernst F. W., and Hübl. 2,849,104.
- Moeltzner, Wilhelm, and Hübl. 2,819,816.
- Hübl, Johann F., to Landis Machine Co. Feeding mechanism for thread rolling machines. 2,842,990, 7-15-58, Cl. 80-6.
- Hubley Mfg. Co., The: *See*—
Weimer, John H. 2,855,715.
- Weimer, John H. 2,857,699.
- Hubner, Oluf H., and P. V. Petersen. New series of thio derivatives of basic benzhydryl ethers and thioethers. 2,830,088, 4-8-58, Cl. 260-570.
- Huck, Alfred J., to Knapp-Monarch Co. Vacuum type coffee maker and cycling switch mechanism therefor. 2,820,881, 1-21-58, Cl. 219-44.
- Huck, Alfred J., to Knapp-Monarch Co. Air heater. 2,843,718, 7-15-58, Cl. 219-39.
- Huck, Alfred J., to Knapp-Monarch Co. Pop-up toaster with automatic lowering and raising of bread carrier. 2,863,377, 12-9-58, Cl. 99-329.
- Huck Mfg. Co.: *See*—
Maurer, George. 2,860,818.
- Van Hecke, George J. 2,820,566.
- Huck, William F. Plate lock-up mechanisms for printing machines. 2,822,754, 2-11-58, Cl. 101-415.1.
- Huck, William F., to R. Hoe & Co., Inc. Doctor mechanism. 2,854,923, 7-7-58, Cl. 101-157.
- Huckfeldt, Gebhard J. Method for producing curved sausage casings. 2,838,405, 6-10-58, Cl. 99-175.
- Huckstep, Henry J. W., and J. H. Burness, to D. Napier & Son Ltd. Apparatus for use in machining parts to a predetermined surface contour. 2,843,978, 7-22-58, Cl. 51-143.
- Huddle, Edwin F.: *See*—
Carlson, Ernest C., and Huddle. 2,827,747.
- Huddle, Roy A. U., and O. Flint, to United States of America, Atomic Energy Commission. Treatment of metals prior to electroplating. 2,835,630, 5-20-58, Cl. 204-1.5.
- Huddleston, Frank J.: *See*—
Rasmussen, Arne P., and Huddleston. 2,853,255.
- Hudec, Eric T. Magnetic recording device. 2,838,603, 6-10-58, Cl. 178-17.5.
- Hudes, Ellis: *See*—
Tannenbaum, Wesley, Cleary, Hudes, and Goldstein. 2,865,631.
- Hudes, Ellis, and W. Saeger, to Radio Corp. of America. Data handling system. 2,830,759, 4-15-58, Cl. 235-61.11.
- Hudgins, Archibald P. Therapy bed. 2,841,141, 7-1-58, Cl. 128-57.
- Hudgins, Peter D. Door-opening attachment for rural-type mailboxes. 2,834,540, 5-13-58, Cl. 232-45.

- Hudimac, Albert A., and R. C. Mathes, to United States of America, Navy. Low frequency broad band underwater transducer. 2,865,016, 12-16-58, Cl. 340-9.
- Hudnut, Richard: *See—*
McEwan, Thomas J. 2,832,087.
- Hudson, Arthur, to National Electric Products Corp. Clamp for wire in electric outlet boxes. 2,819,098, 1-7-58, Cl. 285-129.
- Hudson, Charles H. Oxygen mask. 2,843,121, 7-15-58, Cl. 128-146.
- Hudson, Charles H. Breathing mask. 2,843,122, 7-15-58, Cl. 128-146.
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- Hudson, Edwin B., to Armco Steel Corp. Pallet for sintering machines. 2,834,593, 5-13-58, Cl. 266-21.
- Hudson, Edwin B., to Armco Steel Corp. Sintering machine. 2,853,288, 9-23-58, Cl. 266-21.
- Hudson Engineering Corp.: *See—*
Petty, Macon. 2,826,395.
Petty, Macon. 2,845,774.
- Hudson Foam Plastics Corp.: *See—*
Wilson, Christopher L. 2,863,854.
Wilson, Christopher L., and Benning. 2,863,855.
- Hudson, Francis M., to Associated Seed Growers, Inc. Automatic weigher with dribble feed control. 2,844,349, 7-22-58, Cl. 249-63.
- Hudson, Frank P. Burner safety control system. 2,822,865, 2-11-58, Cl. 158-28.
- Hudson, Geoffrey J.: *See—*
Clarke, John S., Jackson, and Hudson. 2,821,066.
Clarke, John S., Jackson, and Hudson. 2,833,115.
- Hudson, Gilbert, to Adapto, Inc. Guide cap. 2,818,864, 1-7-58, Cl. 128-272.
- Hudson, Glenn V.: *See—*
Hagemeyer, Hugh J., Jr., and Hudson. 2,852,563.
- Hudson, H. D., Mfg. Co.: *See—*
Anderson, Donald H. 2,853,212.
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- Hudson, Kenneth K. Tray type carrier. 2,826,332, 3-11-58, Cl. 220-95.
- Hudson, Lena M.: *See—*
Hayes, John D., and Hudson. 2,818,776.
- Hudson, Lena M., and J. D. Hayes, to Bausch & Lomb Optical Co. Triplet type objective lens. 2,818,777, 1-7-58, Cl. 88-57.
- Hudson, Lincoln, to Minneapolis-Honeywell Regulator Co. Automatic pilot including electric servo means. 2,850,692, 9-2-58, Cl. 318-489.
- Hudson, Neal. Coupling mechanism with service connections for automotive vehicles. 2,852,273, 9-16-58, Cl. 280-420.
- Hudson, Paul S.: *See—*
Smith, Warren L., Potts, and Hudson. 2,824,105.
- Hudson, Perry D. Hair driers for human hair. 2,832,157, 4-29-58, Cl. 34-90.
- Hudson, Peter, to The Anpra Precipitator Corp. Cleaning device for precipitator. 2,853,156, 9-23-58, Cl. 183-76.
- Hudson Pulp & Paper Corp.: *See—*
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- Hudson, Richard L.: *See—*
Foner, Samuel N., and Hudson. 2,829,259.
- Hudson, Ronald A., to Imperial Chemical Industries Ltd. Extrusion of film. 2,865,048, 12-23-58, Cl. 18-12.
- Hudson, Tom N., H. W. Thornburg, and A. C. Haisch, to Bucyrus-Erie Co., and T. N. Hudson. Hydraulically-operated spudding mechanism for cable-tool drills. 2,865,603, 12-23-58, Cl. 255-10.
- Hudyma, Theodor F., to Essex County Welfare Board. Turbine with active and reactive elements. 2,840,341, 6-24-58, Cl. 253-16.5.
- Hueber, Carl J., to Addressograph-Multigraph Corp. Inking and sensing means in address printing machines. 2,821,128, 1-28-58, Cl. 101-58.
- Hueber, Carl J., to Addressograph-Multigraph Corp. Embossing machines. 2,833,886, 5-6-58, Cl. 197-6.6.
- Hueber, Carl J., to Addressograph-Multigraph Corp. Hand operable oscillating address printing machine. 2,864,306, 12-16-58, Cl. 101-65.
- Huebner, Charles F., to Ciba Pharmaceutical Products, Inc. Iso reserpine and iso deserpidic acids, salts and esters. 2,857,386, 10-21-58, Cl. 260-286.
- Huebner, Charles F., to Ciba Pharmaceutical Products, Inc. $\Delta^{17-16\beta}$ -carbo-lower alkoxy-3-epiallo-yohimbines. 2,857,388, 10-21-58, Cl. 260-287.
- Huebner Co., The: *See—*
Huebner, William C. 2,829,050.
- Huebner, Herbert A.: *See—*
Cooley, Morris R. 2,814,935.
- Huebner, William C., to The Huebner Co. Method and apparatus for reproducing images. 2,829,050, 4-1-58, Cl. 96-1.
- Huelskamp, Donald A., to Koehring Co. Nozzle locating device. 2,821,750, 2-4-58, Cl. 18-30.
- Huelskamp, Richard P.: *See—*
Krantz, Frank M., and Huelskamp. 2,839,344.
- Huelster, Otto J.: *See—*
Firing, Osborne, and Huelster. 2,865,075.
- Hueni, Albrecht, and A. Stachelin, to Ciba Pharmaceutical Products Inc. New 1,3,5-triazines. 2,824,103, 2-18-58, Cl. 260-249.6.
- Huenig, Siegfried, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of azo dyestuffs. 2,832,764, 4-29-58, Cl. 260-158.
- Huerkamp, Edward C., and J. W. Steiner, to Westinghouse Electric Corp. Fluorescent luminaire. 2,847,561, 8-12-58, Cl. 240-51.11.
- Huet, Andre, to Combustion Engineering, Inc. Method of and apparatus for applying tension to reduce radius of curvature of tube bend. 2,830,645, 4-15-58, Cl. 153-48.
- Huet, Andre, to Combustion Engineering, Inc. Widening bore of tubular bend. 2,839,818, 6-24-58, Cl. 29-157.6.
- Huet, André. Method of forming a hollow box in a metal wall. 2,861,335, 11-25-58, Cl. 29-545.
- Huet, Raymond J., and G. T. Spare, to United States Steel Corp. Method of working wire and a lubricant therefor. 2,842,837, 7-15-58, Cl. 29-193.
- Huetner, Charles P. Combined cup, stand and handle for beverage cans. 2,838,202, 6-10-58, Cl. 220-90.6.
- Huett, Peter G.: *See—*
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- Huettner, Clarence, to P. R. Mallory & Co., Inc. Contact means. 2,820,125, 1-14-58, Cl. 200-166.
- Huettner, Clarence, J. J. Kaufmann, and W. E. Rigsbee, to P. R. Mallory & Co., Inc. Electromagnetic vibratory interrupter. 2,849,563, 8-26-58, Cl. 200-90.
- Huettenwerk Haspe Aktiengesellschaft: *See—*
Kosmider, Hans, and Hardt. 2,829,879.
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- Huey, John J.: *See—*
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- Huff, Catherine A. Device for moving a patient on a bed. 2,827,642, 3-25-58, Cl. 5-317.
- Huff, Emerson J. Angle setting control for drafting instruments. 2,825,971, 3-11-58, Cl. 33-79.
- Huff, Florence A. Work basket. 2,823,842, 2-18-58, Cl. 223-107.
- Huff, George F., A. D. McElroy, and R. M. Adams, to Callery Chemical Co. Electrochemical method for the preparation of metal borohydrides. 2,855,353, 10-7-58, Cl. 204-59.
- Huff, James E., and R. D. Moss, to The Dow Chemical Co. Continuous process for producing α -ethylcinnamic acid. 2,861,102, 11-18-58, Cl. 260-523.
- Huff, Jesse W., and D. K. Bosshardt, to Merck & Co., Inc. Feeding of poultry. 2,860,050, 11-11-58, Cl. 99-4.
- Huff, John. Caster wheel mounting. 2,848,732, 8-26-58, Cl. 16-38.
- Huff, John L.: *See—*
Randolph, John R., and Huff. 2,848,538.
- Huff, John V., and R. F. McLean, to General Motors Corp. Adjustable toeboard for an automobile. 2,860,720, 11-18-58, Cl. 180-90.6.
- Huff, Joseph F., to American Radiator & Standard Sanitary Corp. Frictionless pivot. 2,819,892, 1-14-58, Cl. 267-1.
- Huff, Karl, and W. Ehlers, to Continental Gummi-Werke Aktiengesellschaft. Apparatus for making rubber heel molds. 2,822,572, 2-11-58, Cl. 18-1.
- Huff, Majon, to Colorado Serum Co. Method for soilless cultivation using gibberellic acid. 2,849,835, 9-2-58, Cl. 47-1.2.
- Huff, Norman M.: *See—*
Lamar, Charles C., Huff, and Bergquist. 2,855,957.
- Huff, Norman M., and F. H. Bergquist, to Harper-Wyman Co. Gas valves. 2,855,956, 10-14-58, Cl. 137-625.32.
- Huff, Stanley, to The Inventors Development Corp. Threshold with door-actuated weatherstrip. 2,829,405, 4-8-58, Cl. 20-64.
- Huffaker, Norman L. Soaker hose. 2,851,306, 9-9-58, Cl. 299-104.
- Huffaker, Philip A.: *See—*
Poulter, John W., Huffaker, and Graham. 2,864,475.
- Hufford, George H. Loom shuttle checking device. 2,818,883, 1-7-58, Cl. 129-161.
- Huffman, Charles E., to Allen B. Du Mont Laboratories, Inc. Television viewing device. 2,845,618, 7-29-58, Cl. 340-369.
- Huffman, Charles O.: *See—*
Langhart, Victor K., and Huffman. 2,825,671.
- Huffman, Donald D., and J. R. George, to Westinghouse Air Brake Co. Railway traffic controlling apparatus. 2,851,589, 9-9-58, Cl. 246-26.
- Huffman, Donald E.: *See—*
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- Huffman, Harold W., to The Hamilton Tool Co. Means for varying the phase relationship of the cylinders of a printing press. 2,863,387, 12-9-58, Cl. 101-248.
- Huffman, John W., to Westinghouse Electric Corp. Electrical heating apparatus. 2,847,554, 8-12-58, Cl. 219-44.
- Huffman Mfg. Co., The: *See—*
Abel, Frederick. 2,848,859.
- Huffman, Max N., to Lasdon Foundation, Inc. 3,5-cyclo steroids and the production thereof. 2,860,147, 11-11-58, Cl. 260-397.4.
- Huffman, Robert L.: *See—*
Paulkner, Alfred H., and Huffman. 2,856,460.
- Huffman, Russell I., to Knapp-Monarch Co. Plural selective position cam actuator for valves. 2,865,225, 12-23-58, Cl. 74-501.
- Huffman, William H. Method and apparatus for assembling walls. 2,822,841, 2-11-58, Cl. 144-288.
- Hufford, Lewis C., $\frac{1}{2}$ to L. E. Weiss. Hydro-pneumatic press apparatus. 2,827,766, 3-25-58, Cl. 60-54.5.

- Hufschmidt, Robert E., to Western Foundry Co. Draft head for waste wood burners. 2,860,625, 11-18-58, Cl. 126-163.
- Hufnagel, Andrew, to Westinghouse Air Brake Co. Electrical relays. 2,838,631, 6-10-58, Cl. 200-104.
- Hufnagel, Hermann: *See*—
- Wickmann, Gerd, and Hufnagel. 2,850,193.
- Huge, Henry M., to Lorain Products Corp. Voltage and current regulator. 2,846,637, 8-5-58, Cl. 321-25.
- Hugel, Georges, to Institute Francais du Petrole des Carburants et Lubrifiants. Hydrocarbon-soluble molybdenum blues. 2,852,469, 9-16-58, Cl. 252-49.
- Huggins, Clifford A., and G. C. Thrift, to Koch Engineering Co., Inc. Check valve for rectifying column. 2,819,050, 1-7-58, Cl. 261-114.
- Huggins, Homer D., to Modine Mfg. Co. Process of manufacturing heat exchanger. 2,838,830, 6-17-58, Cl. 29-157.3.
- Hughes Aircraft Co.: *See*—
- Adcock, Mack D., and Kurtz. 2,840,787.
- Atamian, Zaven. 2,848,633.
- Aveni, Anthony. 2,820,598.
- Bateman, Lee J. 2,832,070.
- Bateman, Lee J. 2,840,806.
- Beaumont, James O. 2,850,725.
- Begovich, Nicholas A., and Kabrilas. 2,859,440.
- Birdsall, Charles K. 2,831,141.
- Birdsall, Charles K. 2,851,630.
- Birdsall, Charles K. 2,851,631.
- Birdsall, Charles K., and Field. 2,853,642.
- Birdsall, Charles K., and Watkins. 2,859,374.
- Blankenbaker, John V. 2,840,709.
- Blankenbaker, John V. 2,850,233.
- Brewer, George R. 2,819,424.
- Brewer, George R. 2,850,666.
- Brewer, George R. 2,859,375.
- Brooks, Herbert B. 2,860,247.
- Brower, David F. 2,863,002.
- Brower, David F., and Griest. 2,840,643.
- Campbell, Richard A. 2,837,646.
- Carman, Justice N., Jr. 2,821,493.
- Carman, Justice N., Jr., Hannum, and Gould. 2,856,256.
- Chavin, Alvin. 2,846,679.
- Cooper, Theodore W. 2,866,929.
- Curtis, Daniel L. 2,847,159.
- D'Nelly, Gregg O., and Fieldsted. 2,820,143.
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- Elliott, Robert S. 2,836,821.
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- Everhart, Thomas E. 2,846,612.
- Forrest, Cameron B., and Green. 2,836,356.
- Grant, Richard W., and Rosengard. 2,863,689.
- Green, Jack S., Semrad, and Nichols. 2,824,287.
- Griest, Raymond H. 2,843,351.
- Gudmundsen, Richard A. 2,829,999.
- Gudmundsen, Richard A. 2,830,238.
- Gudmundsen, Richard A., and Maserjian. 2,834,701.
- Gudmundsen, Richard A., and Waters. 2,829,992.
- Hamilton, Douglas J. 2,840,726.
- Hamilton, Douglas J. 2,843,743.
- Hansen, Jay M. 2,852,618.
- Hansen, Siegfried. 2,824,249.
- Hansen, Siegfried. 2,857,551.
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- Hierath, Doran C., and Lane. 2,866,506.
- Howey, Charles K., Kumagai, and Shifrin. 2,848,698.
- Iversen, Arthur H. 2,820,720.
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- Iversen, Arthur H. 2,853,643.
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- Jacob, Don M., Parode, and St. John. 2,861,179.
- Jameson, Donald C. 2,844,723.
- Jamieson, Hugh W., Kibler, and Wilson. 2,841,783.
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- Johnson, Robert R. 2,853,238.
- Kaiser, Harold R. 2,847,659.
- Kaiser, Harold R., Lane, and Shockency. 2,865,564.
- Kircher, Raymond J. 2,853,615.
- Klestadt, Barnard. 2,820,873.
- Koda, Nobuo J., and Smith. 2,858,463.
- Lane, Claude A., and Hageman. 2,853,630.
- Masem, Matthew J. 2,843,688.
- McKenna, Quentin C., Johnson, and Woodbury. 2,853,601.
- Meier, Edwin H., and Hester. 2,836,718.
- Munushian, Jack. 2,850,704.
- Myer, Jon H. 2,825,232.
- Myer, Jon H., and Waters. 2,829,993.
- Nelson, Eldred C. 2,823,855.
- Nelson, Eldred C. 2,837,732.
- Nelson, Eldred C. 2,850,566.
- O'Neill, Richard J. 2,843,806.
- Price, Leonard W. 2,825,862.
- Quirk, Robert W. 2,853,574.
- Quirk, Robert W. 2,855,196.
- Reed, Richard H. 2,859,438.
- Reed, Richard H., and Stegen. 2,840,818.
- Roach, Charles J. 2,849,350.
- Rose, James D. 2,859,033.
- St. John, Ercell E. 2,843,757.
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- Hughes Aircraft Co.: *See*—Continued
- Schwartz, Bertram. 2,832,702.
- Schwartz, Bertram. 2,854,358.
- Sensiper, Samuel. 2,822,502.
- Sensiper, Samuel. 2,824,288.
- Shallon, Sheldon C. 2,837,644.
- Shank, Robert J. 2,839,604.
- Shiowitz, Marc, and Robbins. 2,821,696.
- Smith, George F., and H. M. 2,861,207.
- Smith, Henry M. 2,824,259.
- Stanly, Albert L. 2,835,199.
- Stello, Phyllis E. 2,829,994.
- Stump, Harvey. 2,824,276.
- Tyler, Vernal M., Gray, and Sargeant. 2,846,869.
- Van Atta, Lester C. 2,839,735.
- Vanderpool, Eugene E. 2,857,577.
- Van Horne, Thomas B. 2,840,308.
- Wannlund, Arthur L., Jr., and Waters. 2,854,366.
- Waters, Warren P., and Gudmundsen. 2,854,610.
- Watts, Reid L. 2,859,644.
- Welty, William R. 2,833,470.
- Wohlman, Fred, Jr. 2,842,166.
- Hughes, Alfred L. Combination fishing rod holder and fish hooking device. 2,821,041, 1-28-58, Cl. 43-16.
- Hughes, Alvin W. Meat chopping apparatus. 2,856,977, 10-21-58, Cl. 146-93.
- Hughes, Ardell, to The Youngstown Sheet and Tube Co. Power and transmission assembly for drilling rigs. 2,834,575, 5-13-58, Cl. 255-19.
- Hughes Blades, Inc.: *See*—
- Hughes, Clyde C. Re. 2,4562.
- Hughes By-Product Coke Oven Corp.: *See*—
- Hughes, Charles H. 2,853,440.
- Hughes, Robert H. and C. H., and Hart, and Reintjes. 2,847,369.
- Hughes, Charles H.: *See*—
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- Hughes, Charles H., to Hughes By-Product Coke Oven Corp. Floor for broad coke ovens and heating flue-structure therefor and method of operating the same. 2,853,440, 9-23-58, Cl. 202-268.
- Hughes, Clyde C., to Hughes Blades, Inc. Construction of circular saws. Re. 2,4562, 11-11-58, Cl. 125-15.
- Hughes, Edwin L.: *See*—
- King, Gilbert W., Hughes, Brown, and Ridenour. 2,843,841.
- Hughes, Elmer. Simulated baseball game. 2,860,878, 11-18-58, Cl. 273-88.
- Hughes, Ernest S., Jr.: *See*—
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- Hughes, Everett C., and E. C. Milberger, to The Standard Oil Co. Thickened lubricants. 2,820,763, 1-21-58, Cl. 252-25.
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- Hughes, F. A., & Co. Ltd.: *See*—
- Randall, Jack H. P. 2,838,453.
- Randall, Jack H. P. 2,860,781.
- Hughes, Francis J., and R. McGhee, to Sylvania Electric Products Inc. Automatic sorting device. 2,829,768, 4-8-58, Cl. 209-99.
- Hughes, Frank J., and R. McGhee, to Sylvania Electric Products Inc. Device for eliminating oxidation during hot stretching operation on grids. 2,837,126, 6-3-58, Cl. 140-71.5.
- Hughes, George C., to Reynolds Gas Regulator Co. Pressure regulator. 2,853,268, 9-23-58, Cl. 251-285.
- Hughes, George C., to Reynolds Gas Regulator Co. Fluid pressure relief valve. 2,854,996, 10-7-58, Cl. 137-484.2.
- Hughes, Gerald E., to Raytheon Mfg. Co. Motor control circuits. 2,821,674, 1-28-58, Cl. 318-220.
- Hughes, Harold K.: *See*—
- Rosenthal, Arnold J., and Hughes. 2,856,331.
- Hughes, Harold K., to Celanese Corp. of America. Preparation of spinning solutions. 2,858,228, 10-28-58, Cl. 106-190.
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- Hughes, Harry M.: *See*—
- Abrams, Israel J., Hughes, and Krauss. 2,824,374.
- Hughes, James A.: *See*—
- Rumler, Hugh, and Hughes. 2,838,749.
- Hughes, James E. Novel food product and method for producing the same. 2,853,386, 9-23-58, Cl. 99-54.
- Hughes, James H., to Phillips Petroleum Co. Drill stem test packer. 2,862,562, 12-2-58, Cl. 166-187.
- Hughes, James O., and R. Nelson, to Tri-State Processing Co. Method of packaging and preserving hops. 2,841,500, 7-1-58, Cl. 99-189.
- Hughes, John and O., to Bulova Watch Co. Inc. Electrical relay. 2,860,204, 11-11-58, Cl. 200-87.

- Hughes, John, and P. J. Garner, to Shell Development Co. Lubricating oil compositions containing acylated polyamine salts. 2,862,883, 12-2-58, Cl. 252-33.4.
- Hughes, John F. Apparatus for controlling lubricant flow to a plurality of lubricated points. 2,834,376, 5-13-58, Cl. 137-625.11.
- Hughes, John F., Jr., and T. M. Leisle, to Sta-lit Lighter Co. Method and apparatus for water treatment. 2,864,750, 12-16-58, Cl. 204-149.
- Hughes, John O. P., to The English Electric Co. Ltd. Splined clutches. 2,821,277, 1-28-58, Cl. 192-67.
- Hughes, Lafayette M.: *See*—
Herbold, Robert J. 2,828,930.
- Hughes, Lee E.: *See*—
Miller, Elmer J., Budd, and Hughes. 2,823,442.
- Hughes, Marcus R.: *See*—
Rochester, Lester L. 2,851,008.
- Hughes, Margaret T.: *See*—
Trask, Neil W., Sr. 2,863,576.
- Hughes, Mary A.: *See*—
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- Hughes, Max. Frozen confection mold filler. 2,820,490, 1-21-58, Cl. 141-238.
- Hughes, Nathan B. Composition for use in coating vinylite negatives. 2,855,323, 10-7-58, Cl. 106-245.
- Hughes, Ocie D.: *See*—
Clark, Otho A., and D. A., and Hughes. 2,826,342.
- Hughes, Owen: *See*—
Hughes, John and O. 2,860,204.
- Hughes, Philip G., to General Electric Co. Magnetic latch. 2,844,402, 7-22-58, Cl. 292-251.5.
- Hughes, Philip G., to General Electric Co. Control system for clothes dryers. 2,858,619, 11-4-58, Cl. 34-45.
- Hughes, Ralph L. Automobile alarm system. 2,820,215, 1-14-58, Cl. 340-54.
- Hughes, Richard H., to Radio Corp. of America. Electron gun structure for plural beam tubes. 2,847,598, 8-12-58, Cl. 313-70.
- Hughes, Richard R.: *See*—
Evans, Harry D., and Hughes. 2,819,206.
- Hughes, Richard V., to Gulf Oil Corp. Oil production method. 2,828,819, 4-1-58, Cl. 166-9.
- Hughes, Robert H., and C. H. F. P. Hart, and H. Reintjes; said R. H. and C. H. Hughes, and said Hart, to Hughes By-Product Coke Oven Corp., and said Reintjes to Petrocarb Equipment, Inc. Vertical retorts with a side discharge device. 2,847,369, 8-12-58, Cl. 202-120.
- Hughes, Robert W., to International Telephone and Telegraph Corp. Pulse communication system. 2,866,970, 12-30-58, Cl. 343-203.
- Hughes, Robert W., R. L. Plouffe, Jr., and H. T. Peretko, to International Telephone and Telegraph Corp. Pulse generator. 2,829,282, 4-1-58, Cl. 307-107.
- Hughes, Robert W., and R. L. Plouffe, Jr., to International Telephone and Telegraph Corp. Pulse generator. 2,829,346, 4-1-58, Cl. 332-9.
- Hughes, Samuel E. Machine for edge-trimming irregular surfaces in boards. 2,851,070, 9-9-58, Cl. 114-117.
- Hughes Tool Co.: *See*—
Boals, Wayne S. 2,847,908.
Elliott, Harry E. 2,857,813.
Payne, Lyle L. 2,855,182.
- Hughes Tool Co., Aircraft Division: *See*—
Fallon, Raymond D., Elliott, and Loehr. 2,819,780.
- Hughes, Unabelle H. Evergreen roping machine. 2,825,990, 3-11-58, Cl. 41-3.
- Hughes, Vincent L., I. Kirshenbaum, and F. W. Baner, to Esso Research and Engineering Co. Preparation of straight chain oxygenated compounds. 2,828,344, 3-25-58, Cl. 260-604.
- Hughes, Vincent L., and I. Kirshenbaum, to Esso Research and Engineering Co. Promoted carbonylation reaction. 2,834,812, 5-13-58, Cl. 260-604.
- Hughes, Vincent L., and R. S. Prodky, to Esso Research and Engineering Co. Preparation of diethyl ketone. 2,839,580, 6-17-58, Cl. 260-597.
- Hughes, William: *See*—
Evans, Arthur W., and Hughes. 2,828,187.
- Hughes, William B., to Cities Service Research and Development Co. Method of inhibiting corrosion of metals. 2,832,735, 4-29-58, Cl. 252-8.55.
- Hughes, William B., to Cities Service Research and Development Co. Method of inhibiting corrosion of metals. 2,836,557, 5-27-58, Cl. 252-8.55.
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- Hughes, William B., to Cities Service Research and Development Co. Method and composition for inhibiting corrosion of metals. 2,851,426, 9-9-58, Cl. 252-391.
- Hughes, William B., to Cities Service Research and Development Co. Evaluation of corrosion inhibitors. 2,857,320, 10-21-58, Cl. 204-1.
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- Hughes, William E., Jr., to Owens-Illinois Glass Co. Apparatus for surface treating ampuls. 2,843,958, 7-22-58, Cl. 41-9.
- Hughes, William J., Grinding wheel dresser. 2,832,330, 4-29-58, Cl. 125-11.
- Hughett, Maurice G., to B. Estes. Acoustical test cell structures. 2,842,222, 7-8-58, Cl. 181-42.
- Hughey, Carter J.: *See*—
Bornemann, William, and Hughey. 2,860,906.
- Hughey, Vaughn V.: *See*—
Pearson, Edward P., and Hughey. 2,846,326.
- Hugley, Dale G., and H. M. Wyatt. Pressure regulating means. 2,845,951, 8-5-58, Cl. 138-30.
- Hugo, Victor E.: *See*—
Alessi, Andrew J., Jr., and Hugo. 2,829,589.
- Huhn, Fritz, to Vigon, Inc. Drilling machine. 2,857,788, 10-28-58, Cl. 77-5.
- Huhn, Harvey J.: *See*—
Hunnicut, Leon A., and Huhn. 2,825,478.
- Huisman, Henderikus O., and J. Meltzer, to North American Philips Co., Inc. Method of killing insects using chlorophenyl-N,N-dimethylcarbamates. 2,854,374, 9-30-58, Cl. 167-30.
- Huisman, Henderikus O., and M. J. Koopmans, to North American Philips Co., Inc. Trichloromethyl-para-acetylamino-benzenethiolsulphonate. 2,854,466, 9-30-58, Cl. 260-453.
- Huisak, Karol L., and R. Mungen, to Pan American Petroleum Corp. Production of organic acids from oxygenated organic compounds. 2,833,804, 5-6-58, Cl. 260-450.
- Hulcher, Adolph E.: *See*—
Lassen, Hans G. 2,861,811.
- Hulet, Snoc O. Trousers' hanger. 2,828,989, 4-1-58, Cl. 223-96.
- Hulick, Harry C., Jr., to Fisher Scientific Co. Gyrotory devices. 2,829,528, 4-8-58, Cl. 74-86.
- Hull, Charles H. Auxiliary wheel to elevate vehicle drive wheel. 2,829,906, 4-8-58, Cl. 280-150.
- Hull, Clair I. Awning. 2,859,494, 11-11-58, Cl. 20-57.5.
- Hull, Donald E., to California Research Corp. Fluid flow measurement. 2,826,699, 3-11-58, Cl. 250-43.5.
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- Hull, Francis R. Retractable carriage mounting. 2,850,288, 9-2-58, Cl. 280-44.
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- Hull, Harold S., and R. J. Baker. Chucks with jaws connected together by rubber bonded thereto. 2,844,377, 7-22-58, Cl. 279-58.
- Hull, Hilde V. Throw-and-catch game racquet. 2,835,494, 5-20-58, Cl. 273-96.
- Hull, Hugh G.: *See*—
Hawkinson, Alfred T., Hull, and Young. 2,859,087.
- Hull R. O. & Co., Inc.: *See*—
Jackson, Joseph L. 2,860,089.
- Hull, Robert E.: *See*—
Kenyon, Alonzo F., Abell, and Hull. 2,840,724.
- Hull, Robert E., and W. M. Brittain, to Westinghouse Electric Corp. Transfer curve plotter for saturable core impedance devices. 2,832,043, 4-22-58, Cl. 324-57.
- Hull, Robert E., J. W. Wallace, and G. W. Younklin, to Westinghouse Electric Corp. Rate inertia compensation for reel tension regulator. 2,858,493, 10-28-58, Cl. 318-143.
- Hull, Robert T., to Package Machinery Co. Package knocker mechanism for automatic packaging machines. 2,837,882, 6-10-58, Cl. 53-124.
- Hull, Thomas N., Jr., to General Electric Co. Turbo-machine rotor assembly. 2,843,356, 7-15-58, Cl. 253-77.
- Hull, Yynn D. Torso support. 2,839,766, 6-24-58, Cl. 5-338.
- Hulley, Bernard J.: *See*—
Smith, Charles P., Hulley, and Pugh. 2,857,121.
- Hulse, George E., and A. S. Matlack, to Hercules Powder Co. Dyeable acrylonitrile copolymers and method of making. 2,826,560, 3-11-58, Cl. 260-45.5.
- Hulse, Gilbert C. Universal joints. 2,864,246, 12-16-58, Cl. 64-21.
- Hulse, Graham, and H. A. Volden, to Monsanto Chemicals Ltd. Apparatus for spraying textiles. 2,845,042, 7-29-58, Cl. 118-300.
- Hulsebus, Richard P., to Outboard Marine Corp. Marine engine with ballast tanks. 2,857,892, 10-28-58, Cl. 123-41.72.
- Hülsen, Hans-Heinrich: *See*—
Linke, Gerhard, and Hülsen. 2,863,560.
Linke, Gerhard, Hülsen, and Kleinlein. 2,861,691.
- Hulshizer, George W., to Ingersoll-Rand Co. Hole cleaning device. 2,837,317, 6-3-58, Cl. 255-49.
- Hulslander, William L., to Homestead Valve Mfg. Co. Lubricated plug valve. 2,844,162, 7-22-58, Cl. 137-246.16.
- Hulteen, Leonard A., and W. J. Gorder, to McGraw-Edison Co. Switch contact. 2,866,048, 12-23-58, Cl. 200-170.
- Hultgreen, Odd. Apparatus for drying moving webs. 2,861,354, 11-25-58, Cl. 34-68.
- Hultgren, Karl S. R., to Aktiebolaget Bofors. Undercarriage for a firearm. 2,821,117, 1-28-58, Cl. 89-37.
- Hultgren, Karl S. R., and K. J. G. Martensson, to Aktiebolaget Bofors. Loading mechanism for a non-automatic gun. 2,851,928, 9-16-58, Cl. 89-45.

- Hultin, Oscar H., to Pneumatic Scale Corp., Ltd. Package. 2,850,222, 9-2-58, Cl. 229-17.
- Hultkrans, Paul B., and D. A. Perino, to Milprint, Inc. Art of packaging commodities in expandable wrappers. 2,836,941, 6-3-58, Cl. 53-14.
- Hultman, Carl E.: See—
Almy, Lloyd H. 2,833,612.
- Hultquist, Martin E., to American Cyanamid Co. Substituted propionitriles and preparation of the same. 2,820,050, 1-14-58, Cl. 260-465.
- Hultquist, Victor J. Boring and mortising tool attachment. 2,821,218, 1-28-58, Cl. 144-78.
- Hultquist, Victor J. Prefabricated building construction. 2,825,098, 3-4-58, Cl. 20-2.
- Hults, Ellsworth H.: See—
Woodworth, Frederick B., and Hults. Re. 24,467.
- Hults, Harold W., to Cutler-Hammer, Inc. Seals for electric switches. 2,852,291, 9-16-58, Cl. 288-26.
- Humbarger, Frank F., to Union Carbide Corp. Method of fabricating files and the like. 2,823,562, 2-18-58, Cl. 76-24.
- Humber, John N.: See—
Nystrom, Carl H., Huse, and Humber. 2,821,372.
- Humber, Leslie G. to Shawinigan Chemicals Ltd. Preparation of percarboxylate salts. 2,861,100, 11-18-58, Cl. 260-502.
- Humbert, George R. Nail driver. 2,829,370, 4-8-58, Cl. 1-47.
- Humble, John A., to United States of America, Navy. Non-rotational shock and vibration absorbers. 2,841,354, 7-1-58, Cl. 248-358.
- Humblet, François. Breathing apparatus. 2,854,001, 9-30-58, Cl. 128-142.
- Humboldt Co., The: See—
McIntyre, Sidney S., Sr. 2,838,183.
McIntyre, Sidney S., Sr. 2,855,111.
McIntyre, Sidney S., Sr. 2,866,621.
- Humby, Anne A. Fertilizer applicator device. 2,824,743, 2-25-58, Cl. 275-11.
- Humby, Edward T.: See—
Collaro, Christopher, and Humby. 2,823,039.
- Hume, Ernest J., to Humes Ltd. Flux feeding systems for electric welding. 2,819,120, 1-7-58, Cl. 302-17.
- Hume, George W., to General Electric Co. Hermetic ceramic-metal seal and method of making the same. 2,820,534, 1-21-58, Cl. 189-36.5.
- Hume, Gertrude B. Shoe polish holder, applicator, and buffing device. 2,862,221, 12-2-58, Cl. 15-258.
- Hume, Horace D.: See—
Scheldenhelm, Earl L. 2,835,098.
- Hume, Horace D. Crop cutting and windrowing machine. 2,836,952, 6-3-58, Cl. 56-192.
- Hume, Tiley L. Tensioning shoring clamp. 2,835,946, 5-27-58, Cl. 24-68.
- Humes Ltd.: See—
Hume, Ernest J. 2,819,120.
- Hummel, Willi E. Apparatus for coating tire walls. 2,821,130, 1-28-58, Cl. 101-126.
- Hummel, Willie E. Method for applying white wall coating to tire side walls. 2,821,487, 1-28-58, Cl. 117-38.
- Humphner, Ferdinand W. Window air conditioner enclosure. 2,826,472, 3-11-58, Cl. 312-101.
- Humphrey, Ethel L. Tissue dispenser. 2,854,134, 9-30-58, Cl. 206-57.
- Humphrey, John G., to General Electric Co. Color oscillator arrangement for color receiver. 2,857,456, 10-21-58, Cl. 178-5.4.
- Humphrey, John H. Adjustable chairs. 2,823,732, 2-18-58, Cl. 155-116.
- Humphrey, Lysle H. Dental apparatus. 2,836,849, 6-3-58, Cl. 18-5.7.
- Humphrey, Robert P., to General Gas Light Co. Clutch with tiltable plate and inclined face. 2,830,685, 4-15-58, Cl. 192-66.
- Humphrey, Warren A., to The Hoover Co. Combined cord reel and switch. 2,825,924, 3-11-58, Cl. 15-323.
- Humphrey, Warren A., to The Hoover Co. Electric iron. 2,829,452, 4-8-58, Cl. 38-77.
- Humphrey-Wilkinson, Inc.: See—
Wilkinson, John W. 2,838,206.
- Humphrey, William D., and M. Teske. Safety hook. 2,828,033, 3-25-58, Cl. 214-317.
- Humphrey, William K.: See—
Conn, John B., and Humphrey. 2,848,322.
- Humphreys, Francis A. Slide fastener structure. 2,820,272, 1-21-58, Cl. 24-205.
- Humphreys, Ira B. Thickening apparatus for increasing the solid content of liquids. 2,861,692, 11-25-58, Cl. 210-521.
- Humphreys, John D., to Bendix Aviation Corp. Meteorological instrument shelter. 2,837,916, 6-10-58, Cl. 73-170.
- Humphreys, John W., to Johnson Products, Inc. Hydraulic tappet. Re. 24,506, 7-22-58, Cl. 123-90.
- Humphreys, John W., to Johnson Products, Inc. Mechanical lash removal structure. 2,845,053, 7-29-58, Cl. 123-90.
- Humphreys, Marion W., to Technitrol Corp. Pressure sensitive control device. 2,824,920, 2-25-58, Cl. 200-83.
- Humphries, Charles N. Circuit breaker for internal combustion engine. 2,856,472, 10-14-58, Cl. 200-24.
- Humphries, Douglas N.: See—
Hoven, Alfred C., Humphries, and Nordmark. 2,829,019.
Hoven, Alfred C., Humphries, and Nordmark. 2,865,133.
- Humphries, Fannie H.: See—
Humphries, William N., and F. H. 2,835,503.
- Humphries, Virginia H.: See—
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- Humphries, William N., and F. H. Garden tool cart. 2,835,503, 5-20-58, Cl. 280-47.19.
- Hunan, Lillian, to Exquisite Form Brassiere Inc. Foundation garment. 2,853,077, 9-23-58, Cl. 128-493.
- Hunczak, Emerald M. Adjustable slip. 2,831,194, 4-22-58, Cl. 2-75.
- Hund, Frank C., to W. H. Stevenson. Inspection mirror. 2,852,979, 9-23-58, Cl. 88-97.
- Hundt, Laurence H., and C. H. King, to Globe-Union Inc. Battery display. 2,859,542, 11-11-58, Cl. 35-51.
- Huneke, John W., to S. G. Harwood. Liquid level control means. 2,842,156, 7-8-58, Cl. 137-407.
- Hungerford, Max C. Engine starter. 2,865,479, 12-23-58, Cl. 192-45.
- Hungerle, Jack. Closure devices. 2,821,324, 1-28-58, Cl. 220-30.5.
- Hunn, James V., to The Sherwin-Williams Co. Method of making mold masters. 2,834,052, 5-13-58, Cl. 18-47.5.
- Hunnicut, Leon A., and H. J. Huhn. Hay and silage carrier. 2,825,478, 3-4-58, Cl. 214-507.
- Hunrath, George, to United States of America, Army. Thermocouple junction. 2,838,589, 6-10-58, Cl. 136-4.
- Hunsaker, James P.: See—
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- Hunsicker, Walton L. Apparatus for spacing crop rows. 2,827,704, 3-25-58, Cl. 33-46.
- Hunsinger, George O., to National Electric Products Corp. Electric cables for transformer leads and the like. 2,827,510, 3-18-58, Cl. 174-122.
- Hunsucker, Jerry H.: See—
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- Hunsucker, Jerry H., to J. I. Holcomb Mfg. Co., Inc. Resinous polymers of di-ester monomers. 2,852,495, 9-16-58, Cl. 260-78.4.
- Hunt A. H. (Capacitors) Ltd.: See—
Robinson, Frederick C., and Grouse. 2,861,231.
- Hunt, Beryl B.: See—
Hellman, Hans E. 2,856,715.
- Hunt, Brian E., and A. H. McKeag, to General Electric Co. Method of making an electroluminescent zinc sulfide phosphor. 2,821,509, 1-28-58, Cl. 252-301.6.
- Hunt, C. Howard, Pen Co.: See—
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- Hunt, Charles D.A.: See—
Hanks, Charles W., Hunt, and Smith. 2,848,523.
- Hunt, Charles J.: See—
Kemper, Harry C., and Hunt. 2,865,242.
- Hunt, Charles M., Jr. Windshield hatchway for a boat. 2,836,140, 5-27-58, Cl. 114-0.5.
- Hunt, Charles W., and H. Sittig, to Celanese Corp. of America. Winding apparatus. 2,822,660, 2-11-58, Cl. 57-34.
- Hunt, Clarence E. Multi-fulcrum plier type wrench. 2,854,877, 10-7-58, Cl. 81-383.5.
- Hunt, Clayton E., Jr., to Eastman Kodak Co. Control for facsimile apparatus. 2,848,535, 8-19-58, Cl. 178-30.
- Hunt, Ernest G., to The Arborite Co. Ltd. Method of surface finish of plastic panels. 2,861,372, 11-25-58, Cl. 41-24.
- Hunt, Frederick J., to International Standard Electric Corp. Method of mounting piezo-electric crystals. 2,856,549, 10-14-58, Cl. 310-9.6.
- Hunt, Frederick V.: See—
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- Hunt, Harry C., to American Safety Table Co., Inc. Sewing machine pulley construction. 2,827,990, 3-25-58, Cl. 192-18.
- Hunt, Harry C., to American Safety Table Co., Inc. Power transmission unit. 2,843,236, 7-15-58, Cl. 192-18.
- Hunt, Hubert T., Jr.: See—
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- Hunt, J. Harold, to Motor Wheel Corp. Hub cap structure. 2,819,929, 1-14-58, Cl. 301-108.
- Hunt, J. Harold, to Motor Wheel Corp. Vehicle wheels. 2,846,268, 8-5-58, Cl. 301-12.
- Hunt, James E. Sectional rotary seal with radially contacting sealing surfaces. 2,828,983, 4-1-58, Cl. 286-9.
- Hunt, John C.: See—
Wood, Donald W., Maisel, and Hunt. 2,820,072.
- Hunt, John C., to Esso Research and Engineering Co. Purifying isobutylene. 2,862,856, 12-2-58, Cl. 202-42.
- Hunt, John M., to Link Aviation, Inc. Digital voltmeter. 2,824,285, 2-18-58, Cl. 324-99.
- Hunt, John M., to Link Aviation, Inc. Computer function generation. 2,840,309, 6-24-58, Cl. 235-61.
- Hunt, John M., and R. N. Meinert, to Jersey Production Research Co. Petroleum prospecting. 2,854,396, 9-30-58, Cl. 208-8.
- Hunt, John O., deceased; Y. B. Hunt and P. E. Bruchon, executors, to Y. B. Hunt. Loom frames. 2,835,276, 5-20-58, Cl. 139-1.
- Hunt, John S.: See—
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- Hunt, Letcher B., Jr.: See—
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- Hunt, Marcelle K.: See—
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- Hunt, Myron C., to Perfect Circle Corp. Piston ring assembly. 2,833,604, 5-6-58, Cl. 309-43.
- Hunt, Robert E., to Sylvania Electric Products Inc. Feeder device. 2,849,106, 8-26-58, Cl. 203-125.
- Hunt, Robert R. Fish lure retriever. 2,827,730, 3-25-58, Cl. 43-17.2.
- Hunt, Rodney, Machine Co.: See—
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- Hunt, Russell A., Jr., and F. W. Rakowsky, to Standard Oil Co. Smoke point apparatus. 2,819,606, 1-14-58, Cl. 73-36.
- Hunt, Russell A., Jr., and F. W. Rakowsky, to Standard Oil Co. Smoke point lamp and chimney. 2,819,607, 1-14-58, Cl. 73-36.
- Hunt, Russell G. Safety belt apparatus for vehicles. 2,852,270, 9-16-58, Cl. 280-150.
- Hunt, William T.: See—
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- Hunt, Wilson W.: See—
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- Hunter, Alfred W.: See—
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- Hunter, Carl T.: See—
Barta, Anthony J., Simmons, Hunter, and Johnson. 2,825,587.
- Hunter, Donald G. N.: See—
Ridler, Desmond S., and Hunter. 2,863,003.
- Hunter, Douglas, Aluminum Corp.: See—
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- Hunter, Edgar D. Sand blasting apparatus. 2,837,874, 6-10-58, Cl. 51-8.
- Hunter, Edward A., to Esso Research and Engineering Co. Revivifying cation exchange materials. 2,858,277, 10-28-58, Cl. 252-313.
- Hunter, Edwin J., and L. A. Richards. Automatic irrigation control apparatus. 2,821,434, 1-28-58, Cl. 299-25.
- Hunter, Edwin J., and L. A. Richards. Diaphragm valve with self purging bleed port. 2,838,269, 6-10-58, Cl. 251-61.
- Hunter, Eldred T. Groin of variable permeability and a constructional unit therefor. 2,827,769, 3-25-58, Cl. 61-4.
- Hunter Engineering Co.: See—
Hunter, Joseph L. 2,850,776.
- Hunter Fan and Ventilating Co., Inc.: See—
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- Hunter, Gordon S., and G. C. Sturges, to Bendix Aviation Corp. Illumination of pointers and dials of indicating instruments. 2,843,079, 7-15-58, Cl. 116-129.
- Hunter, Grady W. Exercising bench. 2,831,687, 4-22-58, Cl. 272-58.
- Hunter, Henry M., to Chicago Bridge and Iron Co. Filtrate drainage system for rotary filters. 2,864,503, 12-16-58, Cl. 210-93.
- Hunter, Holland R.: See—
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- Hunter, James, Machine Co.: See—
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- Hunter, James F., to R. M. Hunter. Cord operated mechanism. 2,821,266, 1-28-58, Cl. 188-65.3.
- Hunter, James H., and L. K. Kosowsky, to Columbia Broadcasting System, Inc. Metal blackening process. 2,826,538, 3-11-58, Cl. 204-24.
- Hunter, Joseph E., Jr., and N. W. Schubring, to General Motors Corp. Apparatus for ultrasonic testing. 2,848,891, 8-26-58, Cl. 73-67.5.
- Hunter, Joseph L.: See—
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- Hunter, Joseph L., to Hunter Engineering Co. Roll constructions for continuous casting machines. 2,850,776, 9-9-58, Cl. 22-57.5.
- Hunter, Lee, Jr. Vehicle tire truing apparatus. 2,831,298, 4-22-58, Cl. 51-179.
- Hunter, Lloyd P.: See—
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- Hunter, Marion D. Bottle brush. 2,839,771, 6-24-58, Cl. 15-161.
- Hunter, Matthew A., to Driver-Harris Co. Thermocouple element composition. 2,859,264, 11-4-58, Cl. 136-5.
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- Hunter, Richard S., to Henry A. Gardner Laboratory, Inc. Exposure head for photoelectric colorimeters. 2,832,257, 4-29-58, Cl. 88-14.
- Hunter, Robert C. Cope for loud-speaker assembly. 2,866,515, 12-30-58, Cl. 181-32.
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- Hunter, Rosemary M.: See—
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- Hunter, Samuel N. Composition of matter containing pigment and chlorinated polyphenyl. 2,840,486, 6-24-58, Cl. 106-287.
- Hunter, Ted. Lawn bowling ball. 2,839,301, 6-17-58, Cl. 273-63.
- Hunter, Wendell H., and R. R. Wyland, to Boeing Airplane Co. Rivet squeezer. 2,844,978, 7-29-58, Cl. 78-42.
- Hunter, William A., and F. Singleton, to T. M. M. (Research) Ltd. Preparation of blended fibrous materials. 2,842,803, 7-15-58, Cl. 19-146.
- Hunter, William A., and F. Singleton, to T. M. M. (Research) Ltd. Preparation of blended fibrous materials. 2,842,804, 7-15-58, Cl. 19-146.
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- Hunter, William T., to Sterling Drug Inc. Hexahydropyridazine, derivatives thereof, and process. 2,841,584, 7-1-58, Cl. 260-250.
- Hunting, Colin A. Variable speed transmission device. 2,842,001, 7-8-58, Cl. 74-191.
- Hunting, David D., and E. C. Bullock, to Steelcase Inc. Letter trays. 2,838,028, 10-28-58, Cl. 211-126.
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Rodgers, John C., and Kiwi. 2,841,057.
- Huntington Chair Corp.: See—
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- Huntington, Frederick T., and A. M. Swift. Combination bullet press and ammunition reloader tool. 2,847,895, 8-19-58, Cl. 86-23.
- Huntington, Glen H. Metal roofings. 2,855,871, 10-14-58, Cl. 108-21.
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- Huntley, Keith G., to Electric & Musical Industries Ltd. Prevention of circulation of plural pulses in generator ring. 2,840,704, 6-24-58, Cl. 250-27.
- Huntley, Keith G., to Electric & Musical Industries Ltd. Charging or discharging circuits for condensers. 2,843,736, 7-15-58, Cl. 250-27.
- Huntley, Keith G., and E. L. C. White, to Electric & Musical Industries Ltd. Binary counter and shift register apparatus. 2,819,840, 1-14-58, Cl. 235-61.
- Huntley, Orville P., to Huntley & Blazier Co. Wall construction and contraction joint member therefor. 2,856,766, 10-21-58, Cl. 72-17.
- Huntsberger, James R., to E. I. du Pont de Nemours and Co. Polytetrafluoroethylene coating compositions containing an alkali metal silicate and colloidal silica and articles coated therewith. 2,825,664, 3-4-58, Cl. 117-232.
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- Huntsinger, Charles E., and R. L. Boyd, Jr., to Commercial Controls Corp. Space heater. 2,820,880, 1-21-58, Cl. 219-39.
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- Hupe, Adolf: See—
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- Hupp, Edward E., to Bendix Aviation Corp. Power assisted master cylinder. 2,818,835, 1-7-58, Cl. 121-41.
- Hupp, Edward E., to Bendix Aviation Corp. Pneumatic servomotor. 2,822,782, 2-11-58, Cl. 121-41.
- Hupp, Edward E., to Bendix Aviation Corp. Fluid pressure servomotor. 2,845,904, 8-5-58, Cl. 121-46.5.
- Hupp, Edward E., to Bendix Aviation Corp. Fluid pressure servomotor. 2,848,981, 8-26-58, Cl. 121-46.5.
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- Hupp, Edward E., to Bendix Aviation Corp. Power operated master cylinder. 2,864,632, 12-16-58, Cl. 286-26.
- Hupp, Edward E., and M. L. Cripe, to Bendix Aviation Corp. Pneumatic servo-motor construction. 2,829,625, 4-8-58, Cl. 121-41.
- Hupp, Robert C., and N. R. Kerns, said Kerns assor. to said Hupp. Fluid system subplate construction. 2,826,436, 3-11-58, Cl. 285-158.
- Huppert, Dean L., and H. P. Sorensen, to Minneapolis-Honeywell Regulator Co. Feedback control apparatus. 2,846,982, 8-12-58, Cl. 121-41.
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- Huppert, Paul A.: *See*
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- Huprich, Carl A. Method of forming a resin-impregnated shoe shank stiffener. 2,832,976, 5-6-58, Cl. 12-146.
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- Hurd, Charles D., to Columbia Southern Chemical Corp. Acylals. 2,847,456, 8-12-58, Cl. 260-484.
- Hurd, Claud C., to The Hoover Co. Suction cleaning tool with floating and pressure nozzle. 2,842,793, 7-15-58, Cl. 15-359.
- Hurd, Dallas T., to General Electric Co. Method and apparatus for the electrolytic oxidation of copper wire. 2,828,250, 3-25-58, Cl. 204-28.
- Hurd, Edwin P., to Hurd Lock & Mfg. Co. Wheel cover. 2,864,654, 12-16-58, Cl. 301-37.
- Hurd, Eleanor H.: *See*—
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- Hurd, Richard C.: *See*—
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- Hurford, Winslow L., to General Electric Co. Amplifier-limiter circuit. 2,844,647, 7-22-58, Cl. 178-71.
- Hurford, Winslow L., and W. J. Neely, to Radio Corp. of America. Electrical protective apparatus. 2,842,719, 7-8-58, Cl. 317-25.
- Hurlburt, Charles E., to Bendix Aviation Corp. Vertical gyroscope erection system. 2,842,968, 7-15-58, Cl. 74-544.
- Hurlburt, Charles E., and S. M. Waldow, to Bendix Aviation Corp. Compass direction indicating system. 2,853,795, 9-30-58, Cl. 33-222.
- Hurlburt, Charles E., and S. M. Waldow, to Bendix Aviation Corp. Gyroscope instruments. 2,854,851, 10-7-58, Cl. 74-547.
- Hurlburt, Charles E., and J. R. Conway, to Bendix Aviation Corp. Continuous indicating directional gyro indicator. 2,861,174, 12-16-58, Cl. 33-204.
- Hurlburt, Wilbur F., Jr., to Automatic Switch Co. Solenoid operated trip mechanism. 2,839,929, 6-24-58, Cl. 74-2.
- Hurley, Albert B. Folding motion picture projection. 2,827,955, 3-25-58, Cl. 160-24.
- Hurley, Roy T., to Curtiss-Wright Corp. Seat cushion of foam-type material and method of fabricating same. 2,826,244, 3-11-58, Cl. 155-179.
- Hurley, Roy T., to Curtiss-Wright Corp. Connecting rod bearing. 2,850,331, 9-2-58, Cl. 308-74.
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- Huron, James W. Gravity sensitive multiple contact switches. 2,823,367, 2-11-58, Cl. 340-52.
- Hursen, Thomas F., to Westinghouse Air Brake Co. Vent valve device. 2,861,587, 11-25-58, Cl. 137-494.
- Hursh, Samuel R. Spike pulling grapple. 2,826,446, 3-11-58, Cl. 294-116.
- Hursh, Samuel R., and J. B. McWilliams. Railway track ball stamping apparatus. 2,843,055, 7-15-58, Cl. 104-12.
- Hurst, Alfred J., to Ply-Bord Inc. Mechanical foaming device. 2,849,215, 8-26-58, Cl. 259-8.
- Hurst, Edward, to Rexall Drug Co. Reinforced abrasive products. 2,826,016, 3-11-58, Cl. 51-206.
- Hurst, George. Sun hat. 2,864,092, 12-16-58, Cl. 2-177.
- Hurst, Gordon F. Foam-fog applicators. 2,832,424, 4-29-58, Cl. 169-15.
- Hurst, Justin, to Russell Constructions Ltd. Sieves and the like. 2,828,013, 3-25-58, Cl. 209-315.
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- Hurst, Mowatt M. Vehicle wheel cleaning device. 2,857,921, 10-28-58, Cl. 134-45.
- Hurst, Norman A., and D. L. Jenkins, to Dunlop Tire and Rubber Corp. Golf ball winding machine. 2,826,372, 3-11-58, Cl. 242-3.
- Hurst, Robert N., to Radio Corp. of America. Synchronized oscillator. 2,846,584, 8-5-58, Cl. 250-36.
- Hurvitz, Hyman, to Panoramic Radio Products, Inc. Spectrum analyzers. 2,840,701, 6-24-58, Cl. 250-20.
- Hurvitz, Hyman. Recording. 2,863,711, 12-9-58, Cl. 346-74.
- Hurwitz, Julius. Wash basin. 2,836,831, 6-3-58, Cl. 4-166.
- Hurwitz, Marvin J.: *See*—
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- Hurwitz, Marvin J., and P. L. de Benneville, to Rohm & Haas Co. Diaminopolysiloxanes. 2,865,918, 12-23-58, Cl. 260-247.5.
- Hurwitz, Melvin D., to Rohm & Haas Co. Compositions for the treatment of textiles, the textiles obtained and processes for the treatment thereof. 2,833,674, 5-6-58, Cl. 117-139.4.
- Hurwitz, Paul D. Flow proportioning and control system. 2,859,759, 11-11-58, Cl. 137-83.
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- Huse, Hans V., to Hydraulik A/S. Pressure control for hydraulic systems. 2,822,668, 2-11-58, Cl. 60-53.
- Huser, Arthur W. Anchor rod puller. 2,842,019, 7-8-58, Cl. 81-53.
- Huser, Richard J., and C. J. Schulze, to The Western States Machine Co. Safety device for centrifugal machines. 2,828,020, 3-25-58, Cl. 210-375.
- Hushebeck, Henry R., and R. S. Babiarz, to Joseph Bancroft & Sons Co. Process of coating fabrics to produce durable inlay effects and resultant article. 2,858,232, 10-28-58, Cl. 117-11.
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- Husman, Delmar W.: *See*—
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- Huso, Hilbert L., to General Mills, Inc. Component forming and inserting machine. 2,834,964, 5-20-58, Cl. 1-2.
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- Hussar, Joseph P., to L. N. Baker, Limited torque drive for electrically operated rotary tooth brush. 2,861,462, 11-25-58, Cl. 74-423.
- Hussey, Luther W., to Bell Telephone Laboratories, Inc. Transistor gating circuit. 2,848,653, 8-19-58, Cl. 315-168.
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- Husted, Donald R.: *See*—
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- Hutchens, Howard T. Carousel sign. 2,830,395, 4-15-58, Cl. 40-77.
- Hutchens, Ralph O. Lawn trimmer. Re. 24,559, 11-4-58, Cl. 56-25.4.
- Hutchens, Sidney W.: *See*—
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- Hutchings, Le Roi E., to The Pure Oil Co. Sulfonation of petroleum oils. 2,834,802, 5-13-58, Cl. 260-504.
- Hutchings, Le Roi E., to The Pure Oil Co. Switching device for high temperature multi-reactor processes. 2,831,651, 4-22-58, Cl. 251-270.
- Hutchings, Le Roi E., to The Pure Oil Co. Purification process for alkaline earth metal sulfonates. 2,856,122, 10-14-58, Cl. 260-504.
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- Hutchins, Charles C., and B. C. Seaman, to Hutchins Electric Co., Inc. Electric motor. 2,864,986, 12-16-58, Cl. 318-220.
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- Hutchins, Erie M., to Western Electric Co., Inc. Cam grinding apparatus. 2,848,848, 8-26-58, Cl. 51-101.
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- Hutchinson, Charles W.: *See*—
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- Hutchinson, Harold. Fire extinguishing pistols. 2,838,122, 6-10-58, Cl. 169-1.
- Hutchinson, Henry G., to Draper Corp. Guide bar for chain saws. 2,845,967, 8-5-58, Cl. 143-32.
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- Hutchinson, Jesse B. Freight vehicles and connecting means therefor. 2,823,047, 2-11-58, Cl. 280-108.
- Hutchinson, John L., W. F. McLellan, and A. A. Belliveau. 33 $\frac{1}{3}$ % to said Hutchinson, 33 $\frac{1}{3}$ % to said McLellan and 33 $\frac{1}{3}$ % to A. R. Pellegrino. Adjustable hinge. 2,839,778, 6-24-58, Cl. 16-129.
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- Hutchinson, Robert M., to Minneapolis-Honeywell Regulator Co. Regulator control system for minimizing and/or maximizing the output signal of a controller. 2,851,048, 9-9-58, Cl. 137-86.
- Hutchinson, Roland V., to General Motors Corp. Mounting device. 2,856,213, 10-14-58, Cl. 287-53.
- Hutchinson, Sam. Gas meter pick-up device. 2,862,757, 12-2-58, Cl. 294-94.
- Hutchinson, Wayne J. Boat propelling device. 2,826,164, 3-11-58, Cl. 115-29.
- Hutchison, Charles R., and W. J. Ries, to Petrolite Corp. Bactericidal compositions and method of bacteria control comprising certain mixtures including certain hydrocarbyl imidazoline mixtures. 2,839,467, 6-17-58, Cl. 252-8.55.
- Hutchison, Donald F., and J. M. Sweeney, to Wright & McGill Co. Spinning reel. 2,863,616, 12-9-58, Cl. 242-84.2.
- Hutchison, James F., to Consolidated Venetian Blind Co. Sheet metal siding. 2,820,535, 1-21-58, Cl. 189-86.
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- Hutchison, Peter J. Amusement apparatus of the carousel type. 2,842,364, 7-8-58, Cl. 272-43.
- Hutchison, William M., and K. W. Hopkins, to Brown Lenox and Co. Ltd. Devices for securing towing lines to tugs. 2,861,535, 11-25-58, Cl. 114-218.
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- Huth, Maurice E.: *See*—
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- Hutner, Seymour H.: *See*—
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- Hutson, Alton W. Kite. Re. 24,542, 9-30-58, Cl. 244-153.
- Hutson, Robert W. Brush. 2,845,649, 8-5-58, Cl. 15-167.
- Hutson, Thomas, Jr.: *See*—
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- Ratje, John D., Morrison, and Hutson. 2,855,362.
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- Hutt, Philip, to General Electric Co. Multiple push-button switch. 2,819,356, 1-7-58, Cl. 200-5.
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- Auer, Josef. 2,836,411.
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- Hüttenwerk Rheinhausen Aktiengesellschaft: *See*—
- Vorwerk, Otto K., Hüttemann, and Schmücker. 2,831,294.
- Hutter, Clemens A.: *See*—
- Fessler, William A., Hutter, and McBeth. 2,829,080.
- Hütter, Ulrich, to Allgaier-Werke G. m. b. H. Control apparatus for wind motors. 2,832,895, 4-29-58, Cl. 290-44.
- Hutter, Wolfgang: *See*—
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- Hutterer, Martin, to Cummings-Landau Laundry Machinery Co., Inc. Cleaning machine shell door seal assembly. 2,857,074, 10-21-58, Cl. 220-41.
- Huttinger, Charles K., to I-T-E Circuit Breaker Co. Combined dual motion disconnect switch and interrupter attachment. 2,824,936, 2-25-58, Cl. 200-146.
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- Hutto, Frank C., to Ford Motor Co. Top-grooved oil ring groove. 2,834,643, 5-13-58, Cl. 309-8.
- Hutton, Forest E., to The Pierce Governor Co., Inc. Fuel flow divider. 2,845,079, 7-29-58, Cl. 137-118.
- Hutton, Robert W., and E. J. Leonard, to International Telephone and Telegraph Corp. P. B. X line-hunting system. 2,839,611, 6-17-58, Cl. 179-18.
- Hutzelman, Howard E., to Corry-Jamestown Mfg. Corp. Cabinet door control mechanism. 2,828,505, 4-1-58, Cl. 16-80.
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- Hutzelman, Howard E., to Corry-Jamestown Mfg. Corp. Support for knee space desk drawer. 2,832,660, 4-29-58, Cl. 312-344.
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- Huvé, André. Pliers for stripping all kinds of electric cables. 2,845,704, 8-5-58, Cl. 30-91.
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- Kling, Nelson G., and Huxley. 2,845,062.
- Huxley, Thomas C., III, and J. Isreeli, to Conitech, Ltd. Pressure regulator. 2,818,853, 1-7-58, Cl. 128-30.
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- Huxtable, Leonard G., and E. L. Staiger, to Millers Falls Co. Abrading tool holder. 2,839,817, 6-24-58, Cl. 29-80.
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- Mason, William C. 2,845,686.
- Skeer, John D. 2,821,771.
- Huyck, Stanley E. Panel ejector. 2,849,064, 8-26-58, Cl. 164-33.
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- Zenner, George H., and Hwoschinsky. 2,863,294.
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- Hyatt, Clarence J. Disposable safety razor. 2,820,287, 1-21-58, Cl. 30-32.
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- Hyde Corp.: *See—*
- Maxson, Elvin E. 2,823,066.
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- Hyde, Floyd D., to Inventors Development Co. Concrete block manufacturing method and machine. 2,824,354, 2-25-58, Cl. 25-41.
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- Hyde, Wesley G. Combined outboard motor and snowplow. 2,827,714, 3-25-58, Cl. 37-43.
- Hyden, Irwin F., to Northrop Aircraft, Inc. Auto-memory clutch. 2,822,691, 2-11-58, Cl. 74-1.
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- Ridland, Alexander C. 2,846,952.
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- Daniels, Ludlow S. 2,838,381.
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- Hykes, Glenn R., to Collins Radio Co. Shock-mounted oven device. 2,858,407, 10-28-58, Cl. 219-19.
- Hylas, Albert E.: *See—*
- Tyminski, Walter V., and Hylas. 2,858,439.
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- McCombs, Frank P., and Hyldon. 2,819,980.
- Hyler, John H., E. E. Isgren, and E. W. Spannake, to Le-Tourneau-Westinghouse Co. Weight transferring towing hitch. 2,859,049, 11-4-58, Cl. 280-406.
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- Hyman, Benjamin M., to International Harvester Co. Flight chain mounting for portable elevators. 2,846,053, 8-5-58, Cl. 198-175.
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- Hyman, Herbert H.: *See—*
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- Hyman, Joseph, and M. Bernstein. Bottle cap. 2,828,042, 3-25-58, Cl. 215-71.
- Hyman, Joseph B., and W. R. Sterr, to Catalin Corp. of America. Low ash phenol-formaldehyde resins and process of preparation. 2,865,875, 12-23-58, Cl. 260-29.3.
- Hyman, Leo. Stairway covering. 2,847,732, 8-19-58, Cl. 20-79.
- Hyman, Richard M., to Owens Brush Co. Two-piece toothbrush. 2,823,404, 2-18-58, Cl. 15-145.
- Hyman, Samuel, to The Camera Mart, Inc. Sound adapter means for use in connection with motion picture viewers. 2,819,646, 1-14-58, Cl. 88-16.2.
- Hymas, Theo A., to The Dow Chemical Co. Aliphatic acid 2,4-dinitrophenylhydrazide compositions and methods for treating coccidiosis. 2,827,416, 3-18-58, Cl. 167-53.1.
- Hymas, Theo A., to The Dow Chemical Co. Practice for the raising and protection of animals. 2,831,795, 4-22-58, Cl. 167-53.1.
- Hymes, Charles R., to United States Steel Corp. Sampling device for car dumper. 2,833,150, 5-6-58, Cl. 73-421.
- Hyneman, John R. Scraping devices. 2,846,764, 8-12-58, Cl. 30-172.
- Hynes, Dibrell P., to Chicago Forging and Mfg. Co. Hood latch and operating means therefor. 2,859,062, 11-4-58, Cl. 292-11.
- Hynko, John. Fountain device. 2,860,916, 11-18-58, Cl. 299-7.
- Hynson, Westcott & Dunning, Inc.: *See—*
- Brewer, John H. 2,847,067.
- Bryant, Harold H., and Felton. 2,851,460.
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- Levetus, Francis B., and Hyslop. 2,848,873.
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- I. D. E. A., Inc.: *See—*
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- Clausing, Challiss I. 2,832,917.
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- Edmunds, William H. 2,843,702.
- Edmunds, William H. 2,846,545.
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- Frank, William H., and Platz. 2,854,074.
- Frank, William H., Platz, and Messing. 2,835,765.
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- Platz, Elwood T., Frank, and Herrmann. 2,861,139.
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- Imber, David: *See*—
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- Imber, Lawrence O., and R. E. Hanslip, to The Mather Spring Co. Torsion spring hinge unit. 2,864,121, 12-16-58, Cl. 16—184.
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- Imbrogno, Anthony, and A. J., Jr. Building wall construction. 2,864,251, 12-16-58, Cl. 72—1.
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- Imbrogno, Anthony, and A. J., Jr. 2,864,251.
- Imelmann, Henry L., to Thermo Power, Inc. Method and apparatus for converting heat directly to electricity. 2,857,446, 10-21-58, Cl. 136—4.
- Imhausen Werke, G. m. b. H.: *See—*
- Katzschmann, Ewald. 2,821,551.
- Imhof, Alfred, to Moser-Glaser & Co., A. G. High voltage substation. 2,857,557, 10-21-58, Cl. 317—9.
- Imm, Ronald C., to The General Electric Co. Ltd. Circuits for controlling the peak amplitude of electric currents pulses. 2,822,470, 2-4-58, Cl. 250—27.
- Imm, Ronald C., to The General Electric Co. Ltd. Electrical pulse slicing circuit. 2,859,344, 11-4-58, Cl. 250—27.
- Immel, Adam: *See—*
- Hamprecht, Guenther, Immel, and Gettert. 2,863,730.
- Immel, Ralph B.: *See—*
- Pierce, Lawrence, Immel, and Kmonk. 2,821,088.
- Immel, Ralph B., to Westinghouse Electric Corp. Dust-tight D. C. magnet assembly. 2,853,660, 9-23-58, Cl. 317—191.
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- Immel, Ralph B., and M. P. White, to Westinghouse Electric Corp. Switching systems. 2,854,591, 9-30-58, Cl. 307—96.
- Immesberger, Theobald: *See—*
- Marohn, Herbert, Eckhard, and Immesberger. 2,839,178.
- Immesberger, Theobald, to Pfaff, G. M., A.-G. Tote box transfer apparatus. 2,839,177, 6-17-58, Cl. 198—21.
- Immesberger, Theobald, to G. M. Pfaff A.-G. Device for the transport of containers. 2,866,537, 12-30-58, Cl. 198—181.
- Immesoete, Arthur J., to Deere & Co. Disk fertilizer applicator. 2,842,078, 7-8-58, Cl. 111—85.
- Immink, Fritz H. Pastry cutters. 2,821,019, 1-28-58, Cl. 30—301.
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- Imparato, Jack G., $\frac{1}{2}$ to J. J. Imparato. Handling and coupling ring for cylindrical members. 2,826,330, 3-11-58, Cl. 220—71.
- Imparato, John J.: *See—*
- Imparato, Jack G. 2,826,330.
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- Franck, George E. 2,842,381.
- Franck, George E. 2,842,382.
- Franck, George E. 2,843,176.
- Franck, George E. 2,843,924.
- Franck, George E. 2,861,623.
- Philippe, Howard L. Re. 24,449.
- Imperial Chemical Industries Ltd.: *See—*
- Andrew, Herbert F., Boyd, and Davies. 2,861,066.
- Andrew, Herbert F., and Davies. 2,861,067.
- Barley, Thomas, Elliott, and Kinsey. 2,829,032.
- Berneis, Kurt H. 2,820,832.
- Birtwell, Stanley, Hepworth, and Stacey. 2,830,052.
- Birtwell, Stanley, and Rose. 2,830,006.
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- Boon, William R., Edgar, Ghosh, Greenhalgh, Hopf, and Burnand. 2,841,517.
- Borrow, Antony, Jefferys, and Nixon. 2,865,812.
- Brian, Percy W., Radley, Curtis, and Elson. 2,842,051.
- Brimley, Kenneth J. 2,863,353.
- Buteux, Richard H. B., and Cornforth. 2,863,172.
- Clough, Harry. 2,829,176.
- Coats, Robert R., and Williams. 2,824,147.
- Costain, Winston, Fletcher, and Haggood. 2,863,857.
- Davidson, Samuel H., and Balfour. 2,829,958.
- Davidson, Samuel H., and Reid. 2,845,833.
- Davies, Ernest. 2,839,386.
- Dent, Walter T. 2,822,395.
- Dent, Walter T. 2,822,396.
- Dowden, Dennis A., Johnson, and Vincent. 2,835,637.
- Driver, George W. 2,826,600.
- Evans, Peter J., Farr, Gilmour, and Kennaway. 2,850,764.
- Fairweather, David A. W., and McGeen. 2,842,561.
- Farr, John W. F., Gilmour, and Kennaway. 2,862,243.
- Fielden, Richard J., Homer, and Jones. 2,823,987.
- Fulton, George R. 2,839,555.
- Furlong, Ronald A. 2,822,362.
- Garden, William D., and McFarlane. 2,832,740.
- Gerber, Kenneth G. 2,862,234.
- Ghosh, Ranajit. 2,863,901.
- Glascodine, Richard D. S. 2,861,938.
- Gray, James J. 2,864,691.
- Gray, John. 2,846,289.
- Harvey, Donald. 2,833,151.
- Heath, Royden L., and Owen. 2,838,565.
- Imperial Chemical Industries Ltd.: *See—Continued*
- Hepworth, Walter. 2,830,054.
- Hill, Royston A. W., and Moody. 2,863,392.
- Hudson, Ronald A. 2,865,048.
- Irving, Francis, and Livingston. 2,863,871.
- Jones, Evan I., and Wood. 2,851,434.
- Kerrigan, Vincent, and Lambert. 2,829,531.
- Lamb, Sidney A., and Ward. 2,835,705.
- Lambert, Arthur, and Williams. 2,839,493.
- Lambert, Arthur and Palfreeman. 2,866,831.
- Levy, Norman, and Thomson. 2,834,816.
- Lodge, Frank. 2,830,062.
- Lolley, Raymond A., and Padbury. 2,865,103.
- Meyrick, Thomas J., Parry, and Watts. 2,826,526.
- Mitchell, John, Orchard, Twitchett, and Woods. 2,846,306.
- Mitchell, John, and Twitchett. 2,863,860.
- Moore, Donald C., and Edge. 2,837,450.
- New, Norman. 2,852,484.
- Phipps, John W. 2,841,821.
- Quin, James P. 2,827,371.
- Reynolds, Peter W., and Bates. 2,838,802.
- Reynolds, Reginald J. W., and Vickers. 2,848,441.
- Reynolds, Reginald J. W., and Vickers. 2,853,474.
- Ronnebeck, Heinrich R. 2,846,121.
- Ross, Herbert J. 2,831,332.
- Seed, Leslie. 2,839,519.
- Seed, Leslie. 2,865,903.
- Seed, Leslie, and Pajaczowski. 2,865,904.
- Semmens, Peter W. B., and Penketh. 2,829,129.
- Silverstone, Gerald A. 2,863,872.
- Smith, Christopher E. D., and Wynne. 2,853,415.
- Smith, Kenneth A. 2,821,930.
- Smith, Peter. 2,863,894.
- Sturges, Robert W. 2,846,198.
- Suckling, Charles W., and Raventos. 2,849,502.
- Swain, Geoffrey. 2,866,795.
- Taylor, James, and Reid. 2,839,374.
- Thorley, Thomas, and Robinson. 2,863,982.
- Vincent, George. 2,834,738.
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- Waterfall, Frederick D., and Hewson. 2,846,344.
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- Whitfield, Gordon H. 2,826,614.
- Woolley, John M. 2,846,307.
- Woolley, John M. 2,866,706.
- Imperial Knife Associated Companies Inc.: *See—*
- Baer, Albert M. 2,825,968.
- Imperial Tobacco Co. of Canada Ltd.: *See—*
- Rowell, Lorne A. 2,825,457.
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- Inchalik, Elroy J.: *See—*
- Mirviss, Stanley B., and Inchalik. 2,827,458.
- Inco Co., The: *See—*
- Iaquinta, Nicola, and Inco. 2,845,636.
- Inco Industries Mfg. Corp.: *See—*
- Britton, Ralph S. 2,863,242.
- Inco, Joseph F.: *See—*
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- Indelicato, Vincent. Vaginal appliance. 2,856,920, 10-21-58, Cl. 128—130.
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- Mason, William. 2,836,704.
- Independent Lock Co.: *See—*
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- Lynch, Robert J. 2,848,264.
- Muttart, Vincent. 2,842,389.
- Independent Tool Co.: *See—*
- Greer, Cecil B. 2,828,822.
- Greer, Cecil B. 2,851,110.
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- Brundage, Alan D. 2,846,074.
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- Harlan, Avery S. 2,865,509.
- Indiana Steel Products Co., The: *See—*
- Scholten, Richard A. 2,864,417.
- Stearns, Roswell H., and Bnns. 2,862,619.
- Indiana University Foundation: *See—*
- Campbell, John A., and Patterson. 2,826,702.
- Nebergall, William H. 2,836,544.
- Indianapolis Bond and Share Corp.: *See—*
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- Indig, George S., and W. G. Pfann, to Bell Telephone Laboratories, Inc. Process for controlling excess carrier concentration in a semiconductor. 2,861,905, 11-25-58, Cl. 148—1.5.
- Induction Heating, Inc.: *See—*
- Ayres, James E. 2,819,056.
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- Industrial Analyzer Corp.**: *See*—
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- Industrial Automation, Inc.**: *See*—
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- Industrial Brownhoest Corp.**: *See*—
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- Industrial Brush Co.**: *See*—
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- Industrial Clutch Corp.**: *See*—
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- Industrial Controls Corp.**: *See*—
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- Industrial Devices Inc.**: *See*—
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- Industrial Electronic Engineering Corp.**: *See*—
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- Industrial Engineers, Inc.**: *See*—
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- Industrial Filtration Co.**: *See*—
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- Industrial Hard Chrome Plating Corp.**: *See*—
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- Industrial Hardware Mfg. Co., Inc.**: *See*—
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- Industrial Instrument Corp.**: *See*—
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- Industrial Machinery Co.**: *See*—
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- Industrial Metal Products Corp.**: *See*—
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- Industrial Nucleonics Corp.**: *See*—
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- Industrial Ovens, Inc.**: *See*—
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- Industrial Processes, Inc.**: *See*—
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- Industrial Rayon Corp.**: *See*—
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- Industrial Research and Development Corp.**: *See*—
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- Industrial Research Laboratories**: *See*—
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- Infanger, Arthur W., to Auburn Machine and Tool Co., Inc.**
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- Inflico Inc.**: *See*—
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- Ing. C. Olivetti & C. S. p. A.**: *See*—
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- Ingala, Frank J.** Spray device. 2,821,164, 1-28-58, Cl. 118-317.
- Ingalls, David, to Airtron, Inc.** Method of making flexible metal tubing. 2,840,897, 7-1-58, Cl. 29-463.
- Ingalls, Willis A., to Tompkins Bros. Co.** Intershaft drive. 2,820,369, 1-21-58, Cl. 74-63.
- Ingenthron, Walter W., Jr., to Pacific Mills.** Method and apparatus for converting filament into sliver. 2,820,254, 1-21-58, Cl. 19-150.
- Ingersoll, Homer H., to Meyercoed Co.** Screen type printing machine. 2,850,969, 9-9-58, Cl. 101-126.
- Ingersoll, Howard E.** Automatic grinder for tungsten carbide drill bits. 2,847,800, 8-19-58, Cl. 51-32.
- Ingersoll Milling Machine Co., The**: *See*—
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- Ingersoll-Rand Co.**: *See*—
 Austin, William E., Jr. 2,850,361.
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- Ingham, Robert M., Jr., to Deering Milliken Research Corp.**
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- Ingham, William E., to Electric & Musical Industries Ltd.**
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- Ingham, William E., to Electric & Musical Industries Ltd.**
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- Ingle, Francis L., and D. Moldovan, to The Dow Chemical Co.** Compositions of interpolymerized vinyl aromatic hydrocarbons, acrylic acid esters and rubbery butadiene-styrene copolymers and method of making same. 2,843,561, 7-15-58, Cl. 260-45.5.
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- Ingraham, Mary T.** Polishing kit. 2,825,085, 3-4-58, Cl. 15-258.
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- Ingraham, Robert B., and G. L. Gunderman, to The Dow Chemical Co.** Process for the polymerization of resins for use in paste-like dispersions. 2,857,368, 10-21-58, Cl. 260-92.8.
- Ingram, Alvin R.** Resinous method of mixing polymeric styrene with a rubbery butadiene polymer. 2,844,562, 7-22-58, Cl. 260-45.5.
- Ingram, Frank P.**: *See*—
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- Ingram, Grover R., to General Electric Co.** Method of silver dip soldering. 2,865,093, 12-23-58, Cl. 29-488.
- Ingram, Marvin L., to Bellingham Steel Products, Inc.** Wrapping machines. 2,860,466, 11-18-58, Cl. 53-223.
- Ingram, Maxwell.** Combination pilot and countersink drill. 2,863,340, 12-9-58, Cl. 77-66.
- Ingram, Wayne E., and A. W. Bell.** Depth regulator for fish lure. 2,843,966, 7-22-58, Cl. 43-43.13.
- Ingram, William E., to Rheem Mfg. Co.** Centrifugal spray head. 2,850,322, 9-2-58, Cl. 299-63.
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- Ingres, Jeannot G., to Kelsey-Hayes Co.** Booster brake mechanism. 2,828,720, 4-1-58, Cl. 121-41.
- Ingres, Jeannot G., to Kelsey-Hayes Co.** Booster brake mechanism. 2,832,316, 4-29-58, Cl. 121-41.
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- Ingres, Jeannot G., to Kelsey-Hayes Co.** Brake operating mechanism. 2,836,265, 5-27-58, Cl. 188-152.
- Ingres, Jeannot G., to Automatic Shifters, Inc.** Control mechanism for automatic torque converters. 2,841,027, 7-1-58, Cl. 74-473.
- Ingres, Jeannot G., to Kelsey-Hayes Co.** Emergency power hook-up for booster brake mechanisms. 2,844,003, 7-22-58, Cl. 60-60.
- Ingres, Jeannot G., to Automatic Shifters, Inc.** Motorboat engine control means. 2,851,899, 9-16-58, Cl. 74-472.
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- Ingres, Jeannot G., and D. T. Ayers, Jr., to Kelsey-Hayes Co.** Booster brake mechanism. 2,862,365, 12-2-58, Cl. 60-54.6.
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- Ingruber, Otto V., to Canadian Aviation Electronics Ltd.** Reference electrode for making pH measurements. 2,846,386, 8-5-58, Cl. 204-195.

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- Ingwersen, Richard C., to Mechanical Products, Inc. Electric overload circuit breaker with bi-metallic latch operable on low amperage. 2,821,601, 1-28-58, Cl. 200—116.
- Ingwersen, Richard C., to Mechanical Products, Inc. Electric overload circuit breaker. 2,824,931, 2-25-58, Cl. 200—110.
- Ingwersen, Richard C., to Mechanical Products, Inc. Electric switch having automatic current overload protection. 2,838,635, 6-10-58, Cl. 200—116.
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- Inhoffen, Hans H., to Hoffmann-La Roche Inc. Intermediates for the preparation of carotenoids. 2,840,586, 6-24-58, Cl. 260—110.
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- Injowski, Stanley G., Jr., to Dings Magnetic Separator Co. Electrically energized lifting magnet. 2,825,011, 2-25-58, Cl. 317—123.
- Inland Container Corp. : *See*—
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- Inland Container Corp. (Indiana) : *See*—
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- Inland Motor Corp. : *See*—
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- Inland Steel Co. : *See*—
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Bernick, Leslie M., Roelofs, and McFarland. 2,862,842.
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- Inman, Charles E. : *See*—
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- Inman, Daniel O. Comb cleaner. 2,845,642, 8-5-58, Cl. 15—104.5.
- Inman, William H., to Bloomer Bros. Co. Collapsible carton. 2,852,180, 9-16-58, Cl. 229—51.
- Inman, William H., to Bloomer Bros. Co. Carton. 2,865,549, 12-23-58, Cl. 229—16.
- Innerfield, Sydney M. Platen matrix. 2,852,879, 9-23-58, Cl. 41—1.
- Innes, William B. : *See*—
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- Innes, William B., to American Cyanamid Co. Production of silica-containing catalysts of high pore diameter. 2,839,475, 6-17-58, Cl. 252—451.
- Innocenti, Scipione, to S. A. S. I. B.-S. p. A. Scipione Innocenti. Tobacco cutter having continuously adjusted cutter head. 2,829,692, 4-8-58, Cl. 146—119.
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- Insho, Frances H. Urine collecting device. 2,839,061, 6-17-58, Cl. 128—295.
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- Instant Milk Co. : *See*—
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- Intagliata, Dominic. Device for dispensing the contents of collapsible tubes. 2,848,141, 8-19-58, Cl. 222—101.
- Intagliata, Salvatore J. : *See*—
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- Irvine, Donald M., and W. V. Price, to Wisconsin Alumni Research Foundation. Cheese process and resulting product. 2,850,390, 9-2-58, Cl. 99—116.
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- Irwin, Harry B., to Dayton Bait Co. Fishing float. 2,820,317, 1-21-58, Cl. 43—43.14.
- Irwin, John W. and L. J. Fastener for removably securing buttons or the like to garments. 2,833,012, 5-6-58, Cl. 24—103.
- Irwin, John W. and L. J. Chain saw filing device. 2,833,165, 5-6-58, Cl. 76—31.
- Irwin, Joseph T.: *See*—
Chester, Allan E., and Irwin. 2,831,814.
- Irwin, Lillian J.: *See*—
Irwin, John W. and L. J. 2,833,012.
Irwin, John W. and L. J. 2,833,165.
- Irwin, William J. Heat regenerators. 2,855,192, 10-7-58, Cl. 263—51.
- Irwin, William W.: *See*—
Irwin, Emmett M. and W. W. 2,855,564.
- Isaac, George R., Jr. Quick-disconnect coupling. 2,860,909, 11-18-58, Cl. 294—102.
- Isaac, Otis L. Safety wheel assembly for corn detasseler. 2,854,084, 9-30-58, Cl. 180—26.
- Isaac, Sadie M. Adjustable frame cornice support. 2,823,743, 2-18-58, Cl. 160—39.
- Isaacs, Edith: *See*—
Isaacs, Harold. 2,839,207.
- Isaacs, Harold, to E. Isaacs. Side-loading lift-truck. 2,839,207, 6-17-58, Cl. 214—84.
- Isaacs, Jacques H., to Mort and Jack Isaacs, Inc. Display packet. 2,839,185, 6-17-58, Cl. 206—45.33.
- Isaacs, Mort, and Jack, Inc.: *See*—
Isaacs, Jacques H. 2,839,185.
- Isaacs, William: *See*—
Wanzenberg, Frederick W. 2,820,648.
- Isaacson Iron Works: *See*—
Hansen, Arthur E. 2,828,156.
- Isaacson, Jerrold A., and H. A. Ferguson, to International Harvester Co. Change-speed transmission hydraulic selector valve. 2,852,959, 9-23-58, Cl. 74—75.4.
- Isbell, Aubrey D. Fishing reel. 2,835,455, 5-20-58, Cl. 242—84.1.
- Isbell, Donald K.: *See*—
Schjolin, Hans O., and Isbell. 2,849,087.
- Isbenjian, Hrant, L. Hase, and D. F. Othmer, to United States of America, Navy. Method of making porous metal molds. 2,835,572, 5-20-58, Cl. 75—200.
- Isbister, Thomas R. Weather strip for doors. 2,855,638, 10-14-58, Cl. 20—67.
- Isborn, Carl L., to The National Cash Register Co. Bistable state circuit. 2,822,480, 2-4-58, Cl. 307—88.
- Ischer, Hans, and L. Schneider, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Disazo dyestuffs and their metal complex compounds. 2,824,866, 2-25-58, Cl. 260—148.
- Ischer, Hans, and L. Schneider, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Disazo dyestuffs. 2,861,985, 11-25-58, Cl. 260—147.
- Iselle, Louis E. Lipstick container. 2,838,170, 6-10-58, Cl. 206—56.
- Iselle-Aregger, Alfons, to A. M. Fischer. Bottle closures. 2,829,790, 4-8-58, Cl. 215—40.
- Iselin, Ernst, and W. Wehrli, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Polyazo dyestuffs and the metal complex compounds. 2,825,302, 10-28-58, Cl. 260—145.
- Isenberger, Robert E. Wire reel support. 2,828,089, 3-25-58, Cl. 242—86.5.
- Iserson, Hyman: *See*—
Haszeldine, Robert N., and Iserson. 2,844,636.
- Isgren, Elmer E.: *See*—
Hyler, John H., Isgren, and Spannhake. 2,859,049.
- Ish, Carl J., to Pennsalt Chemicals Corp. Polymerization of unsaturated triglycerides. 2,837,547, 6-3-58, Cl. 260—407.
- Ishee, John L. Cotton picking device with beater means. 2,830,423, 4-15-58, Cl. 56—29.
- Ishikawa, Hisashi: *See*—
Abe, Yasuo, Harukawa, Ishikawa, Miki, Sumi, and Toga. 2,836,604.
Abe, Yasuo, Harukawa, Ishikawa, Miki, Sumi, and Toga. 2,862,953.
- Ishikawa, Kazuo. Fractional direct current torque motor. 2,853,637, 9-23-58, Cl. 310—40.
- Ishikawa, Yoshiaki, Y. Sasaki, and I. Sato, to Nippon Electric Co. Ltd. Capacitor. 2,836,776, 5-27-58, Cl. 317—242.
- Ishizuka, Kojiro. Process for the recovery of metallic titanium. 2,860,094, 11-11-58, Cl. 204—164.
- Ishler, William E., and G. W. Cressman, to General Electric Co. Method of coating lamps. 2,858,234, 10-28-58, Cl. 117—33.5.
- Iskenderian, Edward. Guide means for non rotatable valve lifters. 2,846,988, 8-12-58, Cl. 123—90.
- Iskenderian, Haig P., to International Telephone and Telegraph Corp. Traveling wave electron discharge devices. 2,825,840, 3-4-58, Cl. 315—3.5.
- Isler, Otto: *See*—
Gutmann, Hugo, Isler, and Straub. 2,855,400.
- Isler, Otto, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Intermediates for the preparation of asymmetrical C₄₀ carotenoids. 2,819,297, 1-7-58, Cl. 260—488.
- Isler, Otto, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Process for the manufacture of carotenoids. 2,819,298, 1-7-58, Cl. 260—488.
- Isler, Otto, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Process for the manufacture of polyene aldehydes. 2,819,312, 1-7-58, Cl. 260—598.
- Isler, Otto, M. Montavon, R. Ruegg, G. Saucy, and P. Zeller, to Hoffmann-La Roche Inc. Process for the manufacture of polyene aldehydes. 2,827,481, 3-18-58, Cl. 260—488.
- Isler, Otto, M. Montavon, R. Ruegg, G. Saucy, and P. Zeller, to Hoffmann-La Roche Inc. Preparation of polyene aldehydes. 2,827,482, 3-18-58, Cl. 260—488.
- Isler, Otto, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Carotenoids and intermediates therefor. 2,842,599, 7-8-58, Cl. 260—601.
- Isler, Otto, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Method for the production of unsaturated aldehydes. 2,843,631, 7-15-58, Cl. 260—598.
- Isler, Otto, M. Montavon, R. Ruegg, G. Saucy, and P. Zeller, to Hoffmann-La Roche Inc. Process and intermediates for the preparation of carotenoids. 2,845,440, 7-29-58, Cl. 260—240.9.
- Isler, Otto, M. Montavon, R. Ruegg, G. Saucy, and P. Zeller, to Hoffmann-La Roche Inc. 2,6,6-trimethyl-cyclohexan-1-one-4-ol and preparation thereof. 2,845,460, 7-29-58, Cl. 260—586.
- Isler, Otto, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Processes and intermediates for the preparation of carotenoids. 2,846,475, 8-5-58, Cl. 260—617.
- Isler, Otto, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Process for the manufacture of carotenoids. 2,846,487, 8-5-58, Cl. 260—666.
- Isler, Otto, and R. Ruegg, to Hoffmann-La Roche Inc. Preparation of α,β -unsaturated acids. 2,849,466, 8-26-58, Cl. 260—410.9.
- Isler, Otto, H. Lindlar, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Preparation of 3,4-dehydro- β -carotene. 2,849,495, 8-26-58, Cl. 260—617.
- Isler, Otto, H. Lindlar, and R. Ruegg, to Hoffmann-La Roche Inc. Preparation of 15,15'-cis- β -carotene. 2,849,506, 8-26-58, Cl. 260—666.
- Isler, Otto, H. Lindlar, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Preparation of all-trans-carotenoid compounds. 2,849,507, 8-26-58, Cl. 260—666.
- Isler, Otto, and P. Zeller, to Hoffmann-La Roche Inc. Process for the manufacture of polyene aldehydes and intermediates therefor. 2,853,512, 9-23-58, Cl. 260—476.

- Isler, Otto, M. Montavon, R. Ruegg, and P. Zeller, to Hoffmann-La Roche Inc. Process for the manufacture of carotenoids and intermediates therefor. 2,857,423, 10-21-58, Cl. 260—488.
- Isley, Walter F., to Continental Aviation & Engineering Corp. Control for internal combustion engine. 2,836,163, 5-27-58, Cl. 123—140.
- Isley, Walter F., to Continental Motors Corp. Altitude compensator. 2,858,821, 11-4-58, Cl. 123—140.
- Islip, Leonard, to Power Jets (Research and Development) Ltd. Bladed rotors and stators. 2,847,184, 8-12-58, Cl. 253—39.
- Isole, Joseph J., Jr.: *See—*
Koskos, Paul, and Isole. 2,822,498.
- Isom, Warren R., to Radio Corp. of America. Internal drag roller. 2,819,069, 1-7-58, Cl. 271—23.
- Isomet Corp.: *See—*
Ruderman, Irving W. 2,853,621.
- Israel, Dorman D., to Emerson Radio and Phonograph Corp. Inductive tuning device. 2,860,313, 11-11-58, Cl. 336—110.
- Israel, Floyd E. Cam-lever actuated, self-adjusting slidable jaw wrench. 2,827,814, 3-25-58, Cl. 81—128.
- Israel, Floyd E. Self-adjusting pipe wrench. 2,850,930, 9-9-58, Cl. 81—103.
- Israelson, Evert G., to Sperry Rand Corp. Noiseless type-writer reach adjustment and escapement means. 2,862,591, 12-2-58, Cl. 197—17.
- Isreeli, Jack: *See—*
Ferrari, Andrea, Jr., and Isreeli. 2,865,303.
Huxley, Thomas C., III, and Isreeli. 2,818,853.
- Isreeli, Jack, to Technicon Chromatography Corp. Volume control for fraction collectors. 2,864,396, 12-16-58, Cl. 137—132.
- Isreeli, Jack, to Technicon Instruments Corp. Dialyzers. 2,864,507, 12-16-58, Cl. 210—321.
- Isoff, Helaine P., and G. Ostrov; said Ostrov assor to J. K. Luntz. Lever-operated opening and closing means for safety razor. 2,819,519, 1-14-58, Cl. 30—60.5.
- Itabashi Takashi: *See—*
Hiratsuka, Kizo, Yonemitsu, Itabashi, Date, and Keimatsu. 2,861,107.
- Italo Mirri: *See—*
Abbiati, Arnaldo, and G. Fabbri. 2,849,141.
- Italo Rizzieri: *See—*
Sambonet, Mario. 2,844,672.
- Itano, Takeo. Pencil lead sharpening device. 2,857,884, 10-28-58, Cl. 120—92.
- Item Development Engineering Associates: *See—*
Halpern, Israel A. 2,829,459.
Halpern, Israel A. 2,829,817.
- Ithaca Gun Co., Inc.: *See—*
Lee, Edward C. 2,848,832.
Lee, Edward C. 2,863,246.
- Itin, Marco: *See—*
Berther, Clau, and Itin. 2,839,548.
- Ito, Hiroshi, to Canon Camera Co., Inc. High aperture wide angle four component lens. 2,834,253, 5-13-58, Cl. 88—57.
- Ito, Hiroshi, to Canon Camera Co., Inc. High aperture tele-photographic objective of the Gauss type. 2,836,103, 5-27-58, Cl. 88—57.
- Itria, Oswald A., to The Texas Co. Determination of propagation characteristics of earth formations. 2,865,463, 12-23-58, Cl. 181.5.
- Ivanko, Michael F.: *See—*
Hale, Arthur N., Ivanko, and Graham. 2,822,771.
- Ivanko, Michael F., to The Singer Mfg. Co. Shuttle mechanisms for sewing machines. 2,822,773, 2-11-58, Cl. 112—232.
- Ivers-Lee Co.: *See—*
Lefebvre, Frank J. 2,833,401.
Lefebvre, Frank J. 2,833,402.
Lefebvre, Frank J. 2,841,281.
Lefebvre, Frank J., and Miller. 2,833,400.
Swartz, George A. 2,826,025.
Swartz, George A., and David. 2,828,590.
Volckening, Lloyd I., and Lefebvre. 2,840,235.
Volckening, Lloyd I., O'Meara, and Lefebvre. 2,823,798.
- Iversen, Arthur H., to Hughes Aircraft Co. Glass-bonded ferrite. 2,820,720, 1-21-58, Cl. 117—65.
- Iversen, Arthur H., to Sylvania Electric Products Inc. High impedance accelerometer. 2,837,675, 6-3-58, Cl. 313—72.
- Iversen, Arthur H., to Sylvania Electric Products Inc. Thermal insulation for cathode. 2,843,785, 7-15-58, Cl. 313—292.
- Iversen, Arthur H., to Hughes Aircraft Co. Impregnated ferrite. 2,846,655, 8-5-58, Cl. 333—34.
- Iversen, Arthur H., to Hughes Aircraft Co. Electron discharge device. 2,853,643, 9-23-58, Cl. 315—3.5.
- Iversen, Arthur H., to Hughes Aircraft Co. Traveling-wave tube collector electrode. 2,860,277, 11-11-58, Cl. 315—3.5.
- Iverson, Nels J. Box holder. 2,836,386, 5-27-58, Cl. 248—311.
- Ives, Alfred O. C., to Values Ptg. Ltd. 2,839,658, 6-17-58, Cl. 219—39.
- Ives, H. B., Co., The: *See—*
Youngberg, Walter K. 2,832,590.
- Ives, Kenneth A.: *See—*
Brown, Leslie S., and Ives. 2,845,670.
- Iveson, Herbert T.: *See—*
Julian, Percy L., and Iveson. 2,849,318.
- Ivester, Douglas R., to Hanes Hosiery Mills Co. Stop motions for looping machines. 2,828,707, 4-1-58, Cl. 112—219.
- Ivester, J. C. Hubert. Drawing table tray attachments. 2,846,808, 8-12-58, Cl. 45—131.
- Ivett, Reginald W., to Hercules Powder Co. Polyethylene composition and process of cross-linking. 2,826,570, 3-11-58, Cl. 260—94.9.
- Ivey, Cleo R. Boring machine. 2,834,576, 5-13-58, Cl. 253—20.
- Ivey, Henry F.: *See—*
Arnott, Edward G. F., and Ivey. 2,863,084.
- Ivey, Henry W. Tractor safety cradle. 2,828,970, 4-1-58, Cl. 280—150.
- Ivor, Michael K. Gymnastic apparatus. 2,831,686, 4-22-58, Cl. 272—33.
- Ivy, Jessie T. Telescope mounting bar. 2,825,138, 3-4-58, Cl. 33—50.
- Ivy, Jessie T. Bolt turning attachment for rifle. 2,832,165, 4-29-58, Cl. 42—16.
- Ivy, Jessie T. Pistol grip attachment for rifle. 2,832,166, 4-29-58, Cl. 42—72.
- Iwamae, Hiroshi. Process for producing filament of vinyl chloride polymer. 2,822,237, 2-4-58, Cl. 18—54.
- Iwanaga, Ryoji: *See—*
Yoshida, Toichi, Iwanaga, and Mori. 2,848,304.
- Iwao, Junichi, K. Tomino, and M. Kawazu, to Gohei Tanabe & Co., Ltd. Soluble adrenochrome derivatives and process of preparation thereof. 2,835,678, 5-20-58, Cl. 260—319.
- Iwata, Yukichi. Signal device. 2,826,144, 3-11-58, Cl. 102—37.8.
- Iwatsu, Takeo: *See—*
Fujiwara, Motonori, Watanabe, Matsukawa, Yurugi, Iwatsu, and Kawasaki. 2,833,768.
- Izard, Emmette F., and C. E. Strog, to E. I. du Pont de Nemours & Co. Process for stabilizing molten polyethylene terephthalate. 2,865,892, 12-23-58, Cl. 260—75.
- J-B-T Instruments, Inc.: *See—*
Daschke, Arthur W., and Snell. 2,853,677.
J. F. D. Mfg. Co., Inc.: *See—*
Carpenter, Douglas H. 2,834,015.
Rizzo, Rosario J. 2,821,309.
- J. & G. Development Corp.: *See—*
First, Mervin H., and Milton. 2,835,874.
- Ja. Novelty Co.: *See—*
Gentiluomo, Nunzio. 2,853,756.
- Jaakkola, Eino. Sole blanking apparatus. 2,834,413, 5-13-58, Cl. 164—21.
- Jabbusch, Robert O.: *See—*
Wilson, Clifford K., Mount, and Jabbusch. 2,862,535.
- Jabscop Pump Co.: *See—*
Doble, Warren. 2,836,441.
Doble, Warren. 2,853,021.
Doble, Warren. 2,858,769.
Doble, Warren. 2,858,920.
McLean, Murray G. 2,857,848.
Yaughar, Robert E., McLean, and Doble. 2,855,853.
- Jack Bill Scientific Instrument Co.: *See—*
Obloy, Felix A. 2,831,130.
- Jack, Charles E.: *See—*
Williams, Frank J. 2,835,161.
- Jack & Heintz, Inc.: *See—*
Gail, Stewart E. 2,828,525.
Kable, Hermann A. 2,843,760.
Leppia, Ralph J. 2,825,006.
Martin, Cecil G. 2,863,288.
McConnell, Howard M. 2,832,907.
McConnell, Howard M., and Ellis. 2,843,768.
McConnell, Howard M., and Lusk. 2,864,037.
Miller, Carl D. 2,863,835.
Thielman, Russell F. 2,863,973.
Walley, Omar C. 2,832,926.
- Jack, William A.: *See—*
Parkinson, John S., and Jack. 2,845,252.
- Jack, William A., to Johns-Manville Corp. Wall construction. 2,865,195, 12-23-58, Cl. 72—118.
- Jacke, Raymond E., to Reynolds Metals Co. Package for crackers and the like. 2,865,769, 12-23-58, Cl. 99—172.
- Jacke, Stanley D.: *See—*
Short, Brooks H., and Jacke. 2,847,489.
- Jacke, Stanley E., to Detrex Chemical Industries, Inc. Liquid level and temperature apparatus. 2,840,730, 6-24-58, Cl. 310—8.1.
- Jackes-Evans Mfg. Co.: *See—*
Cornwell, Alexander M., Jr., Jackes, and Strano. 2,838,334.
- Jackes, Stanley F.: *See—*
Cornwell, Alexander M., Jr., Jackes, and Strano. 2,838,334.
- Jacklin, Harold M., Jr. Fluid heater. 2,839,048, 6-17-58, Cl. 126—350.
- Jackman, Anthony V. G.: *See—*
Thorn, James D., and Jackman. 2,855,246.
- Jacknin, Bernard, to American Machine & Foundry Co. Filter tip. 2,855,937, 10-14-58, Cl. 131—10.
- Jackobsen, Lance R., to Hoffman Radio Corp., now by change of name to Hoffman Electronics Corp. Narrow band amplifiers or the like. 2,829,211, 4-1-58, Cl. 179—171.
- Jacks, Elizabeth A., and A. F. Peake. Holder and cap device for a lady's pony-tail hair-do. 2,864,383, 12-16-57, Cl. 132—46.

- Jacks, James N. Foundation vent covers. 2,843,035, 7-15-58, Cl. 98-29.
- Jackson, Aldrich L., to A. P. Hutt. Artificial fish bait. 2,854,779, 10-7-58, Cl. 43-37.
- Jackson, Allen S., to Fertilizer Equipment Sales Corp. Mixing and treatment apparatus. 2,854,221, 9-30-58, Cl. 259-15.
- Jackson, Allton B.: See—
- Jenkins, Gerald S., and Jackson. 2,838,343.
- Jackson, Alonzo C. and F. B., and J. A. Lasater, to Combustion Engineering, Inc. Gas burner of multisection port construction. 2,840,150, 6-24-58, Cl. 158-114.
- Jackson, Andrew W. Curb and gutter grading machine. 2,837,842, 6-10-58, Cl. 37-108.
- Jackson, Anton and B. A. Framed locking connectors. 2,845,603, 7-29-58, Cl. 339-92.
- Jackson, Anton and B. A. Framed locking connectors. 2,845,604, 7-29-58, Cl. 339-92.
- Jackson, Anton and B. A. Lock ring for electrical connectors. 2,848,702, 8-19-58, Cl. 339-090.
- Jackson, Anton, and B. A. Printed circuit contact receptacle. 2,853,689, 9-23-58, Cl. 339-17.
- Jackson, Archibald K., and L. E. Ham; said Jackson assignor to said Ham. Tool-bar for agricultural implements. 2,854,911, 10-7-58, Cl. 97-47.5.
- Jackson, Arthur V.: See—
- Siegmund, Gerhard B. 2,857,853.
- Jackson, Boris A.: See—
- Jackson, Anton and B. A. 2,845,603.
- Jackson, Anton and B. A. 2,845,604.
- Jackson, Anton and B. A. 2,848,702.
- Jackson, Anton and B. A. 2,853,689.
- Jackson & Church Co.: See—
- Beauvais, Rene G., Neill, and Ackerman. 2,855,165.
- Jackson, Clarence E., and A. E. Shrubbsall, to Union Carbide Corp. Electric welding medium containing manganese oxide, titania and silica. Re. 24,418, 1-21-58, Cl. 148-26.
- Jackson, Clark E., to Turco Products, Inc. Dispenser. 2,865,537, 12-23-58, Cl. 222-214.
- Jackson, Clyde R., to Ruson Laboratories, Inc. Germicidal composition comprising iodine and a N-acyl colamino formyl methyl quaternary ammonium salt. 2,860,084, 11-11-58, Cl. 167-33.
- Jackson, Donald R. P., to Molins Machine Co. Ltd. Packing machines. 2,834,500, 5-13-58, Cl. 216-59.
- Jackson, Donald R. P., to Molins Machine Co., Ltd. Apparatus for feeding sheets. 2,849,233, 8-26-58, Cl. 271-43.
- Jackson, Edmond D.: See—
- Jones, Morton E., Jackson, and Stewart. 2,866,140.
- Jackson, Edmond D., to Teras Instruments Inc. Semiconductor device and method of manufacture. 2,840,770, 6-24-58, Cl. 317-210.
- Jackson, Edward. Combination belt and shield. 2,854,973, 10-7-58, Cl. 128-149.
- Jackson, Forest W. Magnetostrictive reciprocating motor. 2,831,132, 4-15-58, Cl. 310-26.
- Jackson, Francis B.: See—
- Jackson, Alonzo C. and F. B., and Lasater, 2,840,150.
- Jackson, Francis B., to Combustion Engineering, Inc. Housing heating unit using electrical heating elements novelly organized and controlled. 2,825,791, 3-4-58, Cl. 219-39.
- Jackson, Francis B., to Combustion Engineering, Inc. Gas burner of multisection port construction. 2,840,151, 6-24-58, Cl. 158-114.
- Jackson, George: See—
- Moore, Edgar S. 2,822,045.
- Jackson, George W., to General Motors Corp. Control mechanism for regulating fluid flow in a vehicle suspension. 2,820,647, 1-21-58, Cl. 280-124.
- Jackson, George W., to General Motors Corp. Control switch. 2,826,658, 3-11-58, Cl. 200-104.
- Jackson, George W., to General Motors Corp. Control apparatus for fluid suspension system. 2,844,384, 7-22-58, Cl. 280-124.
- Jackson, George W., to General Motors Corp. Hydro-pneumatic suspension unit. 2,850,276, 9-2-58, Cl. 267-64.
- Jackson, George W., to General Motors Corp. Air suspension system with two stage pressure system. 2,862,725, 12-2-58, Cl. 280-124.
- Jackson, George W., and W. G. Daugherty. Fuel burners. 2,863,499, 12-9-58, Cl. 158-74.
- Jackson, Hagan L.: See—
- Krantz, Frank M., and Jackson. 2,837,723.
- Jackson, Harold L., to E. I. du Pont de Nemours and Co. Water-insoluble homogeneous polymer blends of a water-insoluble, water-dispersible, nonelectrolyte film-forming polymer with water-soluble linear organic polymers united by ionic crosslinkages, and their preparation, and fabrics coated therewith. 2,832,746, 4-29-58, Cl. 260-45.5.
- Jackson, Harold L., to E. I. du Pont de Nemours and Co. Polymeric compositions comprising linear polymers united through ionic crosslinkages and through covalent crosslinkages, process for their preparation, and fabrics coated therewith. 2,832,747, 4-29-58, Cl. 260-45.5.
- Jackson, Harold P., to McDonough Power Equipment, Inc. Textile coiler. 2,832,099, 4-29-58, Cl. 19-159.
- Jackson, Harry. Auxiliary support for upholstery seats. 2,827,111, 3-18-58, Cl. 155-182.
- Jackson, Harry E., and B. McDonnell, to The Consolidated Mining and Smelting Co. of Canada Ltd. Method of producing melamine. 2,857,381, 10-21-58, Cl. 260-249.7.
- Jackson, Herbert P. Match book. 2,823,793, 2-18-58, Cl. 206-29.
- Jackson Industries, Inc.: See—
- Latimer, James T. 2,827,934.
- Jackson, James. Method of forming bodies. 2,841,865, 7-8-58, Cl. 29-421.
- Jackson, James G. Fish line sinker. 2,819,555, 1-14-58, Cl. 43-44.95.
- Jackson, James G. Intermittent moving apparatus for picture projectors. 2,845,840, 8-5-58, Cl. 88-18.3.
- Jackson, John G., to Square D Co. Panelboard. 2,851,538, 9-9-58, Cl. 174-99.
- Jackson, John H.: See—
- Roach, Donald B., Fischer, and Jackson. 2,851,353.
- Jackson, John K., to Adolph Gottscho, Inc. Marking apparatus. 2,835,195, 5-20-58, Cl. 101-219.
- Jackson, John K., to The Garrett Corp. Precision pneumatic speed sensing governor. 2,858,839, 11-4-58, Cl. 137-56.
- Jackson, John V., to Riegel Paper Corp. Patterned laminated paper product and method of making same. 2,830,005, 4-8-58, Cl. 151-138.
- Jackson, Joseph L., to R. O. Hull & Co., Inc. Method of electro depositing zinc. 2,860,089, 11-11-58, Cl. 204-55.
- Jackson, Julian H., H. S. Mayeux, and W. J. Head, to Wilson & Toomer Fertilizer Co. Coated dustless, granular insecticide for flies, their larvae, and other insects. 2,821,500, 1-28-58, Cl. 167-42.
- Jackson, Julius, to E. I. du Pont de Nemours and Co. Polyvinyl chloride with manganous pyrophosphate. 2,865,883, 12-23-58, Cl. 260-45.75.
- Jackson, Kenneth C., and T. B. Frearson to British Celanese Ltd. Yarn transporting means. 2,819,908, 1-14-58, Cl. 280-79.2.
- Jackson, Leonard H., to Coventry Radiator & Presswork Co. Ltd. Stowage for three-pin electrical plug. 2,838,265, 6-10-58, Cl. 248-314.
- Jackson, Norman W.: See—
- Molins, Desmond W., Ruau, and Jackson. 2,820,463.
- Jackson, Norman W., to Molins Machine Co. Ltd. Apparatus for cutting a continuous length of material at intervals. 2,825,376, 3-4-58, Cl. 146-95.
- Jackson, Patrick T., and W. N. Stevenson, to American Sisakraft Corp. Twine and its manufacture. 2,861,416, 11-25-58, Cl. 57-140.
- Jackson, Pearce E. Yarn package fastening and tensioning means for dye spindles. 2,835,124, 5-20-58, Cl. 68-198.
- Jackson, Richard W.: See—
- Lindenfelser, Lloyd A., Benedict, Shotwell, Pridham, Stodola, and Jackson. 2,865,815.
- Jackson, Riley N. Clamp for vertical alignment of poles. 2,834,118, 5-13-58, Cl. 33-215.
- Jackson, Robert C. P., to United States of America, Navy. Hydrogen peroxide fuel dispensing vehicle. 2,855,126, 10-7-58, Cl. 222-135.
- Jackson, Robert D.: See—
- Freyermuth, Harlan B., Jackson, and Randall. 2,845,420.
- Jackson, Robert E., to Challenge Mfg. Co. Laundry drier door. 2,852,236, 9-16-58, Cl. 259-1.
- Jackson, Robert E., to Challenge Mfg. Co. Laundry drier control system. 2,852,241, 9-16-58, Cl. 263-19.
- Jackson, Robert W.: See—
- Beal, Philip F., Hogg, and Jackson. 2,838,502.
- Jackson, Samuel G. Addressing machine master, 2,825,280, 3-4-58, Cl. 101-149.4.
- Jackson, Sidney W.: See—
- Fahlman, Everett G., and Jackson. 2,819,118.
- Jackson, Squire R.: See—
- Clarke, John S., Jackson, and Hudson. 2,821,066.
- Clarke, John S., Jackson, and Hudson. 2,833,115.
- Jackson, Thomas M.: See—
- Beck, Arnold H. W., Jackson, and Lytollis. 2,843,782.
- Hough, George H., Beck, Jackson, and Fraser. 2,856,554.
- Hough, George H., and Jackson. 2,846,611.
- Jackson, Thomas W. Reverse flow air cooled turbine blade. 2,866,618, 12-30-58, Cl. 253-39.15.
- Jackson, Wallace T., to Eastman Kodak Co. Fibrous tobacco smoke filters. 2,828,752, 4-1-58, Cl. 131-208.
- Jackson, Walter C., to Tingley Rubber Corp. Rubber overshoe. 2,860,425, 11-18-58, Cl. 36-7.3.
- Jackson, Walter H. Portable threading tool for threading opposite ends of a blank in a single operation. 2,847,686, 8-19-58, Cl. 10-92.
- Jackson, Walter H. Pipe nipple threading jig. 2,850,287, 9-2-58, Cl. 279-2.
- Jackson, Warren, Jr.: See—
- Hughes, Everett C., and Jackson. 2,852,693.
- Jackson, Warren, Jr., to The Standard Oil Co. Method and apparatus for operating a pipe transmission line. 2,828,479, 3-25-58, Cl. 340-239.
- Jackson, Warren, Jr., to The Standard Oil Co. Casting method. 2,837,771, 6-10-58, Cl. 18-58.
- Jackson, Warren, Jr., to The Standard Oil Co. Polarographic apparatus and method. 2,863,115, 12-2-58, Cl. 324-30.
- Jackson, Warren, Jr., and R. A. Gardner, to The Standard Oil Co. Thermistor sensitized servomechanism for automatic recording of volume-temperature distillation data. 2,851,404, 9-9-58, Cl. 202-160.
- Jackson, Wilbur F., and M. J. Caparone, to Robertshaw-Fulton Controls Co. Pilot burner and thermocouple therefor. 2,833,843, 5-6-58, Cl. 136-4.
- Jackson, William G.: See—
- Hinman, Jack W., Hoeksema, and Jackson. 2,851,463.

- Jackson, William G., to The Upjohn Co. Purification of neomycin by chromatography. 2,848,365, 8-19-58, Cl. 167-65.
- Jackson, William H. Method of and apparatus for dispersing fluids in liquids. 2,825,542, 3-4-58, Cl. 261-87.
- Jackson, William H., to The Udylyte Corp. Plating barrel. 2,836,400, 5-27-58, Cl. 259-89.
- Jackson, William H., to The Udylyte Corp. Automatic apparatus for chemical treatment of metal articles in bulk. 2,849,097, 8-26-58, Cl. 198-19.
- Jackson, William L. Flower arrangement carrier. 2,822,968, 2-11-58, Cl. 221-29.
- Jackson, William M. Axial flow pumps. 2,847,941, 8-19-58, Cl. 103-89.
- Jackson, William P.: See—
Loo, Ching C., and Jackson. 2,825,651.
- Jackson, Winston J., Jr.: See—
Caldwell, John R., and Jackson. 2,835,703.
- Jackson's, Samuel, Sons, Inc.: See—
Goebig, Reba C. 2,848,946.
- Jacksy, John M.: See—
Dugas, Paul L., and Jacksy. 2,821,119.
- Jacksy, John M., to Colonial Broach & Machine Co. Automatic broach handling mechanism. 2,858,744, 11-4-58, Cl. 90-33.
- Jacob, Don M., L. C. Parode, and E. E. St. John, to Hughes Aircraft Co. System for establishing initial operation of pulse receiver. 2,861,179, 11-18-58, Cl. 250-20.
- Jacob, Fraser B., to Thomson Electric Welder Co. Operating mechanism for a resistance welder control. 2,830,167, 4-8-58, Cl. 219-78.
- Jacob, Robert M., to Societe des Usines Chimiques Rhone-Poulenc. New pyrimidine compounds. 2,833,767, 5-6-58, Cl. 260-256.4.
- Jacob, Robert M., and J. G. Robert, to Parke, Davis & Co. Addition compound of nitrophenyl phthalimidopropional and phthalimidoacetaldehyde and preparation thereof. 2,820,797, 1-21-58, Cl. 260-326.
- Jacob, Robert M., and J. G. Robert, to Societe des Usines Chimiques Rhone-Poulenc. Phentiazine compounds. 2,837,518, 6-3-58, Cl. 260-243.
- Jacob, Robert M., and J. G. Robert, to Parke, Davis & Co. Chimiques Rhone-Poulenc. Indole derivatives. 2,841,590, 7-1-58, Cl. 260-319.
- Jacob, Robert M., and N. M. Messer, to Societe des Usines Diastereoisomeric propane derivatives and process for their manufacture. 2,854,470, 9-30-58, Cl. 260-463.
- Jacob, Theodore A.: See—
Chemerda, John M., and Jacob. 2,837,515.
- Jacob, W. & R., & Co., Ltd.: See—
Naylor, Joseph F. 2,856,870.
- Jacob, Walter E. W.: See—
Sternbeck, Olaf, Uhlmann, and Jacob. 2,852,673.
- Jacob, Walter E. W., to Telefonaktiebolaget L M Ericsson. Electronic device for transposing signals. 2,822,469, 2-4-58, Cl. 250-27.
- Jacobi, Ernst: See—
Jacobi, Ernst, and Rüssele. 2,849,852.
- Jacobi, Ernst, and F. Rüssele, to E. Jacobi. Device for sucking off lint on spinning machines. 2,849,852, 9-2-58, Cl. 57-34.5.
- Jacobi, Leon J., Jr. Non-displaceable receptacle. 2,839,260, 6-17-58, Cl. 248-146.
- Jacobbitti, Edward: See—
Gorgas, John W., Jacobbitti, Jaeger, Morrison, and Newsum. 2,820,099.
- Jacobbitti, Edward, and D. A. James, to Bell Telephone Laboratories, Inc. Translator test set. 2,862,072, 11-25-58, Cl. 179-175.23.
- Jacobowsky, Armin, and K. Sennwald, to Knapsack-Griesheim Akt. Process for preparing symmetrical tetraetherethane from symmetrical dichlorethylene. 2,865,825, 12-23-58, Cl. 204-163.
- Jacobs, Alan, 1/2 to W. A. Nelson. Portable fire extinguisher. 2,832,425, 4-29-58, Cl. 169-31.
- Jacobs, Arthur W. Cup packing. 2,859,078, 11-4-58, Cl. 309-23.
- Jacobs, Carlton L. Audible signal apparatus. 2,819,460, 1-7-58, Cl. 340-384.
- Jacobs, Charles T., to McGraw-Edison Co. Multipurpose indicator for phonographs. 2,849,541, 8-26-58, Cl. 179-100.1.
- Jacobs, Chester C., to General Motors Corp. Automobile seat trim. 2,823,735, 2-18-58, Cl. 155-182.
- Jacobs, Donald H., and M. May; said May assor to D. H. Jacobs. High speed register using gating circuits to bypass delay elements. 2,819,839, 1-14-58, Cl. 235-61.
- Jacobs, Edwin N. Combined rack and drier. 2,835,049, 5-20-58, Cl. 34-151.
- Jacobs, Ellis H., and R. G. Billyard, to Pacific Pipe Co. Severable pipe coupling with pivoted locking detent and separate securing strap for the female coupler. 2,830,830, 4-15-58, Cl. 285-6.
- Jacobs, F. L., Co.: See—
Wilkinson, Thomas A. 2,827,947.
- Jacobs, Foster, and G. M. Woodruff, to General Foods Corp. Shipping bundle or package. 2,833,404, 5-6-58, Cl. 206-65.
- Jacobs, Gilbert C., to Everbrite Electric Signs, Inc. Display signs. 2,823,473, 2-18-58, Cl. 40-125.
- Jacobs, Harold: See—
Brand, Frank A., Jacobs, and Ramsa. 2,854,362.
- Dobischek, Dietrich, and Jacobs. 2,842,706.
- Jacobs, Harold W. Insulation product. 2,837,779, 6-10-58, Cl. 20-4.
- Jacobs, Henry S., to Harnischfeger Corp. Bonding copper to steel in a rotor bar winding. 2,846,601, 8-5-58, Cl. 310-211.
- Jacobs, Herbert: See—
Guglielmo, Paul N., and Jacobs. 2,840,888.
- Jacobs, Howard L.: See—
Semegen, Stephen T., Jacobs, and Scofield. 2,827,098.
- Jacobs, James W., to General Motors Corp. Cooling apparatus. 2,820,440, 1-21-58, Cl. 123-41.11.
- Jacobs, James W., to General Motors Corp. Drive mechanism for refrigerating apparatus. 2,825,233, 3-4-58, Cl. 74-336.5.
- Jacobs, James W., to General Motors Corp. Self-rinsing sink. 2,847,681, 8-19-58, Cl. 4-187.
- Jacobs, James W., to General Motors Corp. Heat exchanger. 2,848,200, 8-19-58, Cl. 257-255.
- Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 2,850,884, 9-9-58, Cl. 62-258.
- Jacobs, James W., to General Motors Corp. Vehicle refrigerating apparatus. 2,851,865, 9-16-58, Cl. 62-213.
- Jacobs, James W., to General Motors Corp. Engine driven refrigerating apparatus. 2,855,761, 10-14-58, Cl. 62-209.
- Jacobs, James W., to General Motors Corp. Clutch for refrigerating apparatus. 2,866,528, 12-30-58, Cl. 192-35.
- Jacobs, John E. Multiple receptacle connector block. 2,831,914, 4-22-58, Cl. 174-59.
- Jacobs, John E., to General Electric Co. Inspection device. 2,843,748, 7-15-58, Cl. 250-51.
- Jacobs, John E., to General Electric Co. Light responsive system. 2,853,651, 9-23-58, Cl. 315-83.
- Jacobs, John E., to General Electric Co. Semiconducting device. 2,856,541, 10-14-58, Cl. 250-211.
- Jacobs, John H., to Westrex Corp. Sound film recording system. 2,830,131, 4-8-58, Cl. 179-100.3.
- Jacobs, John, III, to Teleprompter West Coast Corp. Prompting apparatus. 2,837,294, 6-3-58, Cl. 242-67.4.
- Jacobs, Joseph H.: See—
Jacobs, Marcellus L. and J. 2,841,042.
- Jacobs, Joseph H., to Jacobs Wind Electric Co. Adjustable lathe center. 2,847,890, 8-19-58, Cl. 82-33.
- Jacobs Mfg. Co., The: See—
Haviland, Girard S. 2,855,206.
- Jacobs, Marcellus L. and J. H., to Jacobs Wind Electric Co. Adjustable center for lathes. 2,841,042, 7-1-58, Cl. 82-33.
- Jacobs, Miles H. Theftproof light bulbs. 2,842,700, 7-8-58, Cl. 313-318.
- Jacobs, Philip C., Jr.: See—
Swain, Kenneth W., and Jacobs. 2,866,875.
- Jacobs, Philip C., Jr., to The Chase-Shawmut Co. Fillerless one time fuses. 2,833,890, 5-6-58, Cl. 200-131.
- Jacobs, Philip C., Jr. Current-limiting fuses with balanced low-current and high current interrupting performance. 2,833,891, 5-6-58, Cl. 200-131.
- Jacobs, Robert B.: See—
Rhodes, Joseph C., Jacobs, and Segers. 2,866,339.
- Richards, Robert J., and Jacobs. 2,831,326.
- Shaker, William P., Jacobs, and Borg. 2,843,755.
- Jacobs, Robert B., and I. Ginsburgh, to Standard Oil Co. Acoustic cap for stacks. 2,862,570, 12-2-58, Cl. 181-50.
- Jacobs, Rudolph A., Jr., to Westinghouse Electric Corp. Color phase alternation system. 2,831,917, 4-22-58, Cl. 178-5.4.
- Jacobs, Vearl E. Glass bake oven ware lifter. 2,843,415, 7-15-58, Cl. 294-31.
- Jacobs, William A., to Westinghouse Air Brake Co. Highway crossing protection control apparatus. 2,852,666, 9-16-58, Cl. 248-130.
- Jacobs, William L.: See—
Folkins, Hillis O., Jacobs, and Brozowski. 2,846,363.
- Jacobs, William L., and W. G. Annable, to The Pure Oil Co. Production of non-corrosive naphthas. 2,843,528, 7-15-58, Cl. 196-28.
- Jacobs Wind Electric Co.: See—
Jacobs, Joseph H. 2,847,890.
- Jacobs, Marcellus L. and J. H. 2,841,042.
- Jacobsen, Ann L.: See—
Wheeler, William H., and Jacobsen. 2,829,853.
- Jacobsen, Bent E., to International Standard Electric Corp. Radio diversity receiving system. 2,844,716, 7-22-58, Cl. 250-20.
- Jacobsen, Erling R. Antenna. 2,856,605, 10-14-58, Cl. 343-807.
- Jacobsen, Ferdinand G. Paint brush cleaning tool. 2,856,622, 10-21-58, Cl. 15-105.
- Jacobsen, Lance R., to Hoffman Electronics Corp. Phase inverters or the like. 2,827,521, 3-18-58, Cl. 179-171.
- Jacobsen, Lance R., to Hoffman Electronics Corp. Automatic frequency control circuit. 2,847,567, 8-12-58, Cl. 250-27.
- Jacobsen, Lance R., and T. B. Wood, to Hoffman Electronics Corp. Information rate accelerator and decelerator or the like. 2,821,654, 1-28-58, Cl. 315-12.
- Jacobsen Mfg. Co.: See—
Hanson, Edward S., Jr., and Strasel. 2,847,813.
- Jacobsen, Marius: See—
Simonsen, Jens P. 2,855,137.
- Jacobsen, Paul W., to H. G. Weber and Co., Inc. Tape cut-off mechanism. 2,820,517, 1-21-58, Cl. 164-43.
- Jacobsen, Paul W., to H. G. Weber & Co., Inc. Mechanical take-up for tear strip applicator. 2,825,557, 3-4-58, Cl. 271-2.2.

- Jacobsen, Paul W., to H. G. Weber & Co., Inc. Roll unwinding control system. 2,838,253, 6-10-58, Cl. 242-75.47.
- Jacobsen, Paul W., to H. G. Weber and Co., Inc. Mechanical cut-off for tear strip applicator. 2,855,995, 10-14-58, Cl. 164-42.
- Jacobsen, Paul W., to H. G. Weber & Co. Remote control edge alignment device. 2,860,841, 11-18-58, Cl. 242-57.1.
- Jacobsen, Paul W., and H. H. Weber, to H. G. Weber & Co. Remote control edge alignment device. 2,860,840, 11-18-58, Cl. 242-57.1.
- Jacobson, Abner. Mill roll scraper. 2,853,245, 9-23-58, Cl. 241-167.
- Jacobson, Arnold N., $\frac{1}{10}$ to Gadget-Of-The-Month Club, Inc. Fish lure. 2,825,171, 3-4-58, Cl. 43-42.5.
- Jacobson, Arthur L. Roof deck. 2,832,300, 4-29-58, Cl. 108-13.
- Jacobson, Carl H., to General Aniline & Film Corp. Selective double exposure prevention device. 2,829,573, 4-8-58, Cl. 95-31.
- Jacobson, Delbert G. Wire winding spool mechanism. 2,839,258, 6-17-58, Cl. 242-110.2.
- Jacobson, Eugene W.: See—
- Eckler, Norman H., and Jacobson. 2,840,894.
- Jacobson, Eugene W., to Gulf Research & Development Co. Ball type shut-off valve. 2,841,167, 7-1-58, Cl. 137-327.
- Jacobson, Glen A.: See—
- Weiss, Theodore J., Wiedermann, and Jacobson. 2,865,759.
- Jacobson, Harold: See—
- Derby, Palmer, Jacobson, and Turner. 2,847,613.
- Jacobson, Harvey B.: See—
- Brandon, Clarence W. 2,866,509.
- Jacobson, Henning W., E. L. Martin, and W. H. Sharkey, to E. I. du Pont de Nemours & Co. Polyamides and process for preparing polyamides from alkyl substituted diamines and esters of dicarbothioic acid. 2,856,387, 10-14-58, Cl. 260-78.
- Jacobson, Jacob. Grooving machine. 2,822,775, 2-11-58, Cl. 113-54.
- Jacobson, James W. A., and R. B. Brooks, to the United States of America as represented by the Secretary of the Army. Timer. 2,822,692, 2-11-58, Cl. 74-1.5.
- Jacobson, Max. Process for solubilization of cortisone, prednisone and the lower acyl 21-esters thereof. 2,866,798, 12-30-58, Cl. 260-397.45.
- Jacobson, Moses G., to Mine Safety Appliances Co. Electrical system for measuring the rate of motion of a fluid. 2,831,351, 4-22-58, Cl. 73-204.
- Jacobson, Moses G., to Mine Safety Appliances Co. Electrochemical method and apparatus for gas detection. 2,861,926, 11-25-58, Cl. 204-1.
- Jacobson, Moses G., J. C. Gilfert, F. J. De Luca, and W. F. Mruk, by Mine Safety Appliances Co. Sensitive heat exchange detector. Re. 24,436, 2-25-58, Cl. 201-63.
- Jacobson, Robert D.: See—
- Dresser, Wilfred C., and Jacobson. 2,820,703.
- Jacobus, Robin A., Stapler. 2,821,170, 1-28-58, Cl. 121-21.
- Jacoby, Donald L., B. J. Keigher, and A. Mack, to United States of America, Army. Pulse code modulation system. 2,839,728, 6-17-58, Cl. 332-1.
- Jacoby, Fred R., and L. E. Duncan. Automatic control release and contact mechanism for printing presses. 2,830,537-4-15-58, Cl. 101-221.
- Jacoby, George W., Jr. Adhesive tape for surgical dressings. 2,818,865, 1-7-58, Cl. 128-334.
- Jacoby, Harry D., to W. V. Storm. Bearing construction. 2,831,737, 4-22-58, Cl. 308-238.
- Jacoby, Harry D., to Irrigation Equipment Co., Inc. Portable irrigation apparatus. 2,860,008, 11-11-58, Cl. 299-47.
- Jacoby, Joseph F.: See—
- Vinson, William D., and Jacoby. 2,863,035.
- Jacoby, Joseph F., F. E. Becker, and J. Rosenberg, to General Electric Co. Heater wire. 2,846,560, 8-5-58, Cl. 219-46.
- Jacokes, Benton D.: See—
- Powers, Walter H., and Jacokes. 2,834,427.
- Jacomini, Gabriel J. Reed structure for musical instrument. 2,864,274, 12-16-58, Cl. 84-363.
- Jacovelli, Samuel, and P. P. Veltri. Automatic sludge drains for compressed air systems. 2,825,425, 3-4-58, Cl. 183-42.
- Jacox, Paul B.: See—
- Benedict, Stephen W., Kelly, and Jacox. 2,860,060.
- Jacques, Francis G. Newspaper delivery receptacle. 2,845,217, 7-29-58, Cl. 232-39.
- Jacques, Robert B., to Thompson Products, Inc. Micro wave power measuring instrument. 2,844,791, 7-22-58, Cl. 324-95.
- Jacques, Stanley A. Folding support and hinge therefor. 2,857,227, 10-21-58, Cl. 311-80.
- Jacques, Stanley A., and A. J. Monroe. Programming device. 2,852,670, 9-16-58, Cl. 250-20.
- Jacquet, Joseph: See—
- Van Dusen, Charles A., and Jacquet. 2,863,187.
- Jacquier, Andre-François: See—
- Jacquier, Max P., A. F., and F. H. 2,821,221.
- Jacquier, France H.: See—
- Jacquier, Max P., A. F., and F. H. 2,821,221.
- Jacquier, Max P., A.-F., and F. H. Automatic machine for assembling, in the form of panels, laths and similar elements. 2,821,221, 1-28-58, Cl. 144-279.
- Jacquet, Pierre A. C., to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Sealing means for galvanic cell casings. 2,843,650, 7-15-58, Cl. 136-111.
- Jacuzzi Bros., Inc.: See—
- Jacuzzi, Candido. 2,820,413.
- Nash, Floyd M., and Crivelli. 2,845,028.
- Jacuzzi, Candido, to Jacuzzi Bros., Inc. Deep well self-priming system and pump unit assembly therefor. 2,820,413, 1-21-58, Cl. 103-5.
- Jados, Walter T., to Westinghouse Air Brake Co. Fluid pressure brake apparatus with safety control feature. 2,820,677, 1-21-58, Cl. 303-19.
- Jaeger, Clemens O. Monorail toy with current carrying track. 2,836,129, 5-27-58, Cl. 104-120.
- Jaeger Machine Co., The: See—
- Saxe, Arthur C. 2,826,154.
- Jaeger, Otto W., Jr.: See—
- Borell, George L., and Jaeger. 2,830,615.
- Jaeger, Richard J., Jr.: See—
- Gorgas, John W., Jacobitti, Jaeger, Morrison, and Newson. 2,820,099.
- Jaeger, Wilbert J., to Carbonic Dispenser, Inc. of California. Ice cube making machine. 2,834,189, 5-13-58, Cl. 62-7.
- Jaenke, Martin G., to International Standard Electric Corp. Selective call receiver. 2,853,558, 9-23-58, Cl. 179-85.
- Jaesche, Ralph L., to Eaton Mfg. Co. Magnetic clutch. 2,822,070, 2-4-58, Cl. 192-21.5.
- Jaesche, Ralph L., to Eaton Mfg. Co. Dynamoelectric rotor with cooling fins. 2,827,580, 3-18-58, Cl. 310-105.
- Jaesche, Ralph L., to Eaton Mfg. Co. Constant horsepower controlled speed variable speed drive. 2,836,271, 5-27-58, Cl. 192-3.2.
- Jaesche, Ralph L., to Eaton Mfg. Co. Control for electromagnetic coupling. 2,850,654, 9-2-58, Cl. 310-94.
- Jaesche, Ralph L., to Eaton Mfg. Co. Permanent magnet seal. 2,863,538, 12-9-58, Cl. 192-21.5.
- Jaffe, Bernard, R. S. Roth, and S. Marzullo, to United States of America, Army. Morphotropic piezoelectric ceramics. 2,849,404, 8-26-58, Cl. 252-62.9.
- Jaffe, David L., to Polaroid Electronics Corp. Automatic pancake baker. 2,830,529, 4-15-58, Cl. 99-423.
- Jaffe, David L., to United States of America, Army. Method of coupling into microwave cavity. 2,845,601, 7-29-58, Cl. 333-83.
- Jaffe, David L., to Polaroid Electronics Corp. Power-indicating apparatus. 2,859,406, 11-4-58, Cl. 324-95.
- Jaffe, Mary S., to General Electric Co. Indium basic trifluoroacetate and method of coating vitreous bodies therewith. 2,849,339, 8-26-58, Cl. 117-211.
- Jaffe, Rainer G.: See—
- Herschler, Robert J., Jaffe, and Whipple. 2,846,409.
- Jaffee, Robert L., and H. R. Orden, to Rem-Cru Titanium, Inc. Titanium base alloys. 2,821,475, 1-28-58, Cl. 75-175.5.
- Jaffe, Sigmund, and J. M. Parks, to Air Reduction Co., Inc. Production of calcium metal. 2,839,380, 6-17-58, Cl. 75-10.
- Jaffey, Arthur H., and G. T. Seaborg, to United States of America, Atomic Energy Commission. Method of separating uranium, plutonium and fission products by bromination and distillation. 2,865,704, 12-23-58, Cl. 23-14.5.
- Jagenberg-Werke Akt.-Ges.: See—
- Kuchler, Karl. 2,858,060.
- Meyer-Jagenberg, Gunther. 2,827,837.
- Meyer-Jagenberg, Gunther. 2,847,151.
- Zerlin, Hans. 2,828,061.
- Zerlin, Hans. 2,832,523.
- Jagger, Hubert, to T. B. Hirschberg, Jr. Inking ribbon means for checkwriter. 2,826,140, 3-11-58, Cl. 101-96.
- Jagger, Hubert, to T. B. Hirschberg, Jr. Machine for printing postal money orders and like instruments. 2,853,001, 9-23-58, Cl. 101-95.
- Jagiel, Zigmund J., $\frac{1}{2}$ to J. W. Behout. Brace rod holding means for scaffold frames or the like. 2,836,468, 5-27-58, Cl. 304-40.
- Jagodzinski, Heinz, to Licentia Patent-Verwaltungs-G. m. b. H. X-ray diffraction apparatus. 2,845,542, 7-29-58, Cl. 250-53.5.
- Jagr, Vladimir. Trouser hanger. 2,843,298, 7-15-58, Cl. 223-95.
- Jagsch, Carl F., to Timmons Metal Products Co. Combination pallet rack and truck body. 2,851,301, 9-9-58, Cl. 296-3.
- Jahnig, Charles E., to Esso Research and Engineering Co. High temperature coking for chemical production. 2,844,521, 7-22-58, Cl. 196-52.
- Jahnig, Charles E., to Esso Research and Engineering Co. Process for securing chemicals from petroleum residua. 2,846,360, 8-5-58, Cl. 196-49.
- Jahnig, Charles E., to Esso Research and Engineering Co. Fluid coking with preparation of seed coke. 2,846,374, 8-5-58, Cl. 196-55.
- Jahnig, Charles E., to Esso Research and Engineering Co. Quench system for fluid solid reactions. 2,850,363, 9-2-58, Cl. 23-284.
- Jahnig, Charles E., and A. F. Kaulakis, to Esso Research and Engineering Co. Purification of hydrocarbon oils. 2,825,678, 3-4-58, Cl. 196-52.
- Jahnig, Charles E., F. T. Barr, and J. W. Brown, to Esso Research and Engineering Co. Integrated fractionation, fluid coking and catalytic cracking process for hydrocarbon oils. 2,852,439, 9-16-58, Cl. 196-49.
- Jahnig, Charles E., W. G. May, and B. L. Schulman, to Esso Research and Engineering Co. Control of coke particle size in fluid coking process. 2,865,847, 12-23-58, Cl. 208-152.

- Jahns, Edward R., to Hoffman Electronics Corp. Mechanical apparatus for displaying electrical phenomena or the like. 2,841,110, 7-1-58, Cl. 116—124.1.
- Jaidinger, John H. Mutually latching duplex relay. 2,819,364, 1-7-58, Cl. 200—98.
- Jaidinger, John H. Adjustable contact assembly for relays and the like. 2,837,616, 6-3-58, Cl. 200—166.
- Jaime, Phillip C. Conveyor apparatus with coating, shaking, heating, and cooling of metal panels. 2,838,923, 6-10-58, Cl. 118—57.
- Jakeway, Gerald V., to Keeler Brass Co. Knob assembly for valves, switches and the like. 2,826,934, 3-18-58, Cl. 74—553.
- Jakeway, Gerald V., to Keeler Brass Co. Push button door handle. 2,840,410, 6-24-58, Cl. 292—336.3.
- Jakeway, Gerald V., and M. S. Keeler, II, to Keeler Brass Co. Locking means for gas valve. 2,823,886, 2-18-58, Cl. 251—104.
- Jakimiuk, Wsiewolod J.: *See—*
- Herell, Georges J. B. V., and Jakimiuk. 2,856,029.
- Jakob, Fritz, to Gesellschaft für Linde's Eismaschinen Akt. Process and an apparatus for the separation of compressed air. 2,850,880, 9-9-58, Cl. 62—29.
- Jakob, John P., to American Can Co. Article marking mechanism. 2,834,286, 5-13-58, Cl. 101—35.
- Jakoblits, Stefan, to Schiesel & Co. Gesellschaft m. b. H. Lathe. 2,844,062, 7-22-58, Cl. 82—2.
- Jakobsen, Harry S. Stone dresser. 2,853,993, 9-30-58, Cl. 125—11.
- Jakosky, John J., to International Geophysics, Inc. Seismic prospecting system. 2,857,567, 10-21-58, Cl. 324—77.
- Jakowchuk, Walter, to Mead Specialties Co., Inc. Fluid pressure ram. 2,825,610, 3-4-58, Cl. 309—17.
- Jakubowicz, Edward, to United States of America, Army. Frequency control system. 2,860,246, 11-11-58, Cl. 250—36.
- Jalkanen, Matti J.: *See—*
- Forsten, Tauno A., and Jalkanen. 2,826,061.
- Jalkanen, Matti J., to Rauma-Rekola Oy. Strainer apparatus. 2,834,474, 5-13-58, Cl. 210—408.
- Jalosky, William R. Lightweight reciprocating sash gang saw. 2,845,100, 7-29-58, Cl. 143—60.
- James, Arthur G.: *See—*
- Dunn, Joseph. 2,820,874.
- James, Bill Y. Ornamental bow and blank of components thereof. 2,862,321, 12-2-58, Cl. 41—10.
- James, Curtis E.: *See—*
- Larew, John J., and James. 2,856,523.
- James, Cyril H., to United Shoe Machinery Corp. Strip applying machines. 2,850,751, 9-9-58, Cl. 12—67.
- James, David M. Shelf assemblies. 2,844,262, 7-22-58, Cl. 211—148.
- James, Donald A.: *See—*
- Jacobitti, Edward, and James. 2,862,072.
- James, Duane A.: *See—*
- James, Lewis A. and D. A. 2,828,084.
- James, Lewis A. and D. A. 2,850,244.
- James Equipment Co., Inc.: *See—*
- James, Robert E. 2,841,200.
- James, Eric B.: *See—*
- Hollman, Arthur T., Oram, and James. 2,839,273.
- Morgan, Frederic F. L., and James. 2,843,929.
- James, Gertrude H. Moistener. 2,860,359, 11-18-58, Cl. 15—132.5.
- James, Harry C., J. S. Sconce, and J. E. Thornberg, to Hooker Electrochemical Co. Corrosion inhibited trichloroacetates. 2,829,039, 4-1-58, Cl. 71—2.7.
- James, Horace A. Driver dozer alarm. 2,842,628, 7-8-58, Cl. 200—52.
- James, Hubert M., to the United States of America as represented by the Secretary of the Navy. Computers for stabilization systems. 2,824,693, 2-25-58, Cl. 235—61.5.
- James, Ivanhoe J. P., to Electric & Musical Industries Ltd. Color television apparatus. 2,843,659, 7-15-58, Cl. 178—5.4.
- James, Ivanhoe J. P., to Electric & Musical Industries Ltd. Sequential-to-simultaneous color signal transformation system. 2,866,847, 12-30-58, Cl. 178—5.4.
- James, Joseph M. Blood transfusion system. 2,842,124, 7-8-58, Cl. 128—214.
- James, Kenneth, and E. F. Stacey, to Sylvania Electric Products Inc. Method of internally masking hollow articles. 2,855,326, 10-7-58, Cl. 117—38.
- James, Lawrence A., to Coeur d'Alene Hardware and Foundry Co. Dump car. 2,833,427, 5-6-58, Cl. 214—62.
- James, Lewis A. and D. A. Garbage disposer. 2,828,084, 3-25-58, Cl. 241—46.
- James, Lewis A. and D. A. Garbage disposer. 2,850,244, 9-2-58, Cl. 241—46.
- James, Maurice G. F., and R. W. Knott, to The A. P. V. Co. Ltd. Construction of distillation columns and like structures. 2,831,667, 4-22-58, Cl. 261—114.
- James, Ralph A., and S. G. Thompson, to United States of America, Atomic Energy Commission. Separation of plutonium from lanthanum by chelation-extraction. 2,863,892, 12-9-58, Cl. 260—429.1.
- James, Ralph A., and S. G. Thompson, to United States of America, Atomic Energy Commission. Improvement upon the carrier precipitation of plutonium ions from nitric acid solutions. 2,865,705, 12-23-58, Cl. 23—14.5.
- James, Ralph, Jr., to Esso Research and Engineering Co. Catalyst-supporting drain for catalytic reactants. 2,820,702, 1-21-58, Cl. 23—288.
- James, Raymond W., to Arthur D. Little, Inc. Heat sensitive materials for recording instruments. 2,855,266, 10-7-58, Cl. 346—1.
- James, Richard D., to Northrop Aircraft, Inc. Incremental worm sector cutter assembly. 2,850,948, 9-9-58, Cl. 90—4.
- James, Richard D., and W. A. Jones, to Northrop Aircraft, Inc. Data playback unit and circuit. 2,860,199, 11-11-58, Cl. 200—46.
- James, Robert B., to James Equipment Co., Inc. Apparatus for spreading a coil and twisting the sides thereof. 2,841,200, 7-1-58, Cl. 153—6.
- James, Robert R.: *See—*
- Allen, Lyman H., Jr., James, and Bradshaw. 2,836,589.
- James, Talfryn, and D. A. Zanella, to Koppers Co., Inc. Process for the preparation of anthraquinone. 2,865,933, 12-23-58, Cl. 260—385.
- James, Thomas, Jr., to Specialty Brake Appliance Co. Self-adjusting rod mechanism for railway brake system. 2,838,141, 6-10-58, Cl. 188—198.
- James, Thomas R., to General Mills, Inc. Remote control handling unit. 2,861,700, 11-25-58, Cl. 214—11.
- James, Thomas W. Friction element. 2,851,132, 9-9-58, Cl. 188—264.
- James Vibrapowr Co.: *See—*
- Plice, Gerald W. 2,831,936.
- James, William G.: *See—*
- Lindsay, Onos M., and James. 2,819,039.
- James, William G., T. M. Frisby, and J. A. Hamman, to Eastman Oil Well Survey Co. Deflecting tool. 2,819,040, 1-7-58, Cl. 255—1.6.
- James, William H., Jr., and R. E. Walker. Check and envelope assembly. 2,831,707, 4-22-58, Cl. 283—58.
- Jamesbury Corp.: *See—*
- Freeman, Howard G. 2,853,884.
- Freeman, Howard G. 2,855,177.
- Jameson, Donald C., to Hughes Aircraft Co. Stable triggered circuit having novel output circuits. 2,844,723, 7-22-58, Cl. 250—28.
- Jameson, Howard L.: *See—*
- Dietert, Harry W. and R. L., Jameson, and Bowman. 2,848,008.
- Jameson, Howard L., and J. E. Micksch, to Harry W. Dietert Co. Apparatus for removing clay from a foundry sand specimen. 2,855,098, 10-7-58, Cl. 209—209.
- Jameson, John E. Automatic coupling devices for vehicles. 2,828,974, 4-1-58, Cl. 280—510.
- Jameson, Frank B. Adjustable and detachable holder for containers. 2,839,323, 6-17-58, Cl. 294—31.2.
- Jameson, Hugh W., P. J. Kibler, and T. A. Wilson, to Hughes Aircraft Co. Clutter eliminator circuit. 2,841,783, 7-1-58, Cl. 343—17.1.
- Jameson, Jack B. Branding implement. 2,857,839, 10-28-58, Cl. 101—30.
- Jameson, John W., and T. C. Dingman, to Ford Motor Co. Actuating mechanism for adjustable vehicle seat. 2,841,996, 7-8-58, Cl. 74—89.
- Jamin, C. N. V.: *See—*
- Jamin, Hendrikus P. C. 2,829,977.
- Jamin, Hendrikus P. C., to C. Jamin, N. V. Method for the preparation of confectionary masses. 2,829,977, 4-8-53, Cl. 99—134.
- Jamison, Frederick W. Measuring and mixing device for hot-cake batter. 2,846,200, 8-5-58, Cl. 259—24.
- Jamison, Joel C., to North American Philips Co., Inc. Electrical device. 2,831,149, 4-15-58, Cl. 315—55.
- Jamison, Samuel J., J. A. O'Connor, Jr., and K. J. Osgood, to Chicopee Mfg. Corp. Diaper. 2,845,069, 7-29-58, Cl. 128—284.
- Jammot, Jean, to Societe de la Pile Leclanche. Method for the insulation and assembly of flat dry cells. 2,865,976, 12-23-58, Cl. 136—111.
- Jampolsky, Lester M.: *See—*
- Goldberg, Moses W., and Jampolsky. 2,853,487.
- Jamrogowicz, Harry F., to Bigelow-Sanford Carpet Co., Inc. Needle for Axminster carpet loom. 2,826,224, 3-11-58, Cl. 139—123.
- Jamrogowicz, Harry F., to Bigelow-Sanford Carpet Co., Inc. Manufacture of pile carpets. 2,834,806, 5-13-58, Cl. 139—38.
- Jamrogowicz, Harry F. Manufacture of carpets. 2,834,807, 5-13-58, Cl. 139—406.
- Janaman, Albert J. Portable automobile screen. 2,850,087, 9-2-58, Cl. 160—105.
- Janco Corp.: *See—*
- Andrew, Thomas A. 2,832,852.
- Janco, Nathan. Vacuum degassing apparatus. 2,852,246, 9-16-58, Cl. 266—34.
- Jancosek, Andrew T.: *See—*
- Brown, John S., and Jancosek. 2,862,868.
- Jancosek, Andrew T., and J. S. Brown, to Standard Oil Co. Urea-dewaxing lubricating oil. 2,861,941, 11-25-58, Cl. 208—25.
- Jancy Engineering Co.: *See—*
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- Jandris, Albert C. and J. A. Vibration absorbing apparatus. 2,819,046, 1-7-58, Cl. 259—72.
- Jandris, Joseph A.: *See—*
- Jandris, Albert C. and J. A. 2,819,046.
- Jane, Clarence W.: *See—*
- Clemens, Clarence M., and Jane. 2,860,467.
- Wills, John R., and Jane. 2,841,942.
- Janes, Austen E.: *See—*
- Jones, George H. 2,834,470.

- Janetti, Pierfranco B. Drier for granular materials. 2,835,050, 5-20-58, Cl. 34—173.
- Janetz, Ralph W., to Bell & Gossett Co. Mechanical seal assembly for rotating shafts. 2,843,404, 7-15-58, Cl. 286—11.15.
- Janhsen, Jakobus. Anti-dazzle arrangement for headlights of motor vehicles. 2,830,175, 4-8-58, Cl. 240—46.41.
- Janke, Edward J.: *See*—
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- Janowski, Herman., to United States of America, Army. Automatic gain control ratio circuit. 2,831,969, 4-22-58, Cl. 250—20.
- Jannenga, Joel A., and D. E. Hawkinson, to Greenlee Bros. & Co. Boring machine. 2,820,376, 1-21-58, Cl. 77—3.
- Janner, Charles A. Blast furnace charging regulator. 2,847,133, 8-12-58, Cl. 214—19.
- Jannes, Nicholas G. Pop-up display. 2,833,074, 5-6-58, Cl. 41—11.
- Jannette, Lawrence J. Sash construction. 2,837,784, 6-10-58, Cl. 20—56.4.
- Janney, Raymond B.: *See*—
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- Janney, Raymond B., II: *See*—
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- Janney, Thomas T., and G. Y. Jean, to James Lees and Sons Co. Carpet loom attachment. 2,859,778, 11-11-58, Cl. 139—39.
- Janning, William J., to United States of America, Air Force. Collapsible stool. 2,838,094, 6-10-58, Cl. 155—149.
- Janoff, Daniel L.: *See*—
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- Janos, Alfred G., and F. M. Hogg, to General Electric Co. Shelf support. 2,826,388, 3-11-58, Cl. 248—239.
- Janoski, Edward J.: *See*—
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Hirschler, Alfred E., and Janoski. 2,865,843.
- Janot, Maurice-Marie, and R. Goutarel, to Les Laboratoires Gobey. Alkaloids of voacanga. 2,823,204, 2-11-58, Cl. 260—236.
- Janowitz, Robert, to Concrete Saw Co. Pavement cutter. 2,858,650, 11-4-58, Cl. 51—176.
- Janowski, Edward. Method of manufacturing Venetian blind ladder tape. 2,856,324, 10-14-58, Cl. 154—118.
- Janquart, Jerry C.: *See*—
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- Jansen, Bernhard. Multi-pole tap switch construction for changing transformer taps under load. 2,833,873, 5-6-58, Cl. 200—17.
- Jansen, Clarence E.: *See*—
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- Jansen, Eugene F., to United States of America, Agriculture. Inhibition of enzymes in plant tissues. 2,857,282, 10-21-58, Cl. 99—154.
- Jansen, Eugene F., to United States of America, Agriculture. Process for inhibiting enzyme activity in plant tissue. 2,860,055, 11-11-58, Cl. 99—154.
- Jansen, Hans. Sausage meat cutter knife. 2,849,043, 8-26-58, Cl. 146—106.
- Jansen, Wilhelm: *See*—
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- Jansky, Curtis M., and A. W. Vodak, to Sperry Rand Corp. Digital data storage circuit. 2,848,709, 8-19-58, Cl. 340—173.
- Janson, Harry. Cigarette package. 2,826,295, 3-11-58, Cl. 206—41.2.
- Janson, Knut S. T.: *See*—
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- Jansons, Janis, to Carbon Heater Corp. Electrical steam generator and method of steam generation. 2,821,614, 1-28-58, Cl. 219—40.
- Janssen, Johannes C.: *See*—
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- Janssen, Johannes C., to North American Philips Co., Inc. Television receiver. 2,847,665, 8-12-58, Cl. 340—367.
- Janssen, Peter J. H.: *See*—
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- Janssen, Peter J. H., to North American Philips Co., Inc. Automatic gain control circuit-arrangement used in television receiver. 2,846,501, 8-5-58, Cl. 178—7.3.
- Janssen, Peter J. H., to North American Philips Co., Inc. Automatic gain control for television receivers. 2,851,524, 9-9-58, Cl. 178—7.3.
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- Janssen, Peter J. H., and J. de Vries, to North American Philips Co., Inc. Premagnetized inductive device. 2,822,528, 2-4-58, Cl. 336—110.
- Janssen, Peter J. H., and W. Smeulders, to North American Philips Co., Inc. FM receiver arrangement. 2,823,308, 2-11-58, Cl. 250—27.
- Janssen, Peter J. H., and W. Smeulders, to North American Philips Co., Inc. Circuit for producing sawtooth currents in the vertical deflection coils of television receivers. 2,851,632, 9-9-58, Cl. 315—27.
- Janssen, Peter J. H., and W. Smeulders, to North American Philips Co., Inc. Circuit arrangement for use in television receivers for separating interference signals. 2,854,503, 9-30-58, Cl. 178—7.5.
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- Janssen, William H., and R. W. Samsel, to General Electric Co. Electroacoustic transducer. 2,831,175, 4-15-58, Cl. 340—10.
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- Jansson, Arvid. Escapement drive for motion picture films. 2,858,704, 11-4-58, Cl. 74—84.
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- Janzer, Lorin H., and L. R. Harriman, to Urschel Engineering Co. Stake grappling and pulling machine. 2,819,872, 1-14-58, Cl. 254—18.
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- Jaques, Anthony F., to Electric & Musical Industries Ltd. Circuit arrangements embodying cathode ray tubes. 2,837,690, 6-3-58, Cl. 315—20.
- Jaquith, John S.: *See*—
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- Jarboe, James A., III: *See*—
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- Jarco Metal Products Corp.: *See*—
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- Jardine, John, Ltd.: *See*—
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- Jares, Stanley E., to Esso Research and Engineering Co. Method of incorporating oil in butyl rubber. 2,821,515, 1-28-58, Cl. 260—33.6.
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- Jarman, Edward R., to Jarman-Williamson Co. Golf bag support. 2,854,244, 9-30-58, Cl. 280—47.26.
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- Jaros, Stanley E.: *See*—
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- Jaros, Stanley E., and J. F. Nelson, to Esso Research and Engineering Co. Process for preparing hydrocarbon drying oil product by co-polymerizing a butadiene and styrene. 2,849,510, 8-26-58, Cl. 260—669.
- Jarosz, Harry J. Apparatus for conditioning webs. 2,828,553, 4-1-58, Cl. 34—122.
- Jarrell, Ruth W. Auxiliary drier cabinet. 2,852,861, 9-23-58, Cl. 34—163.
- Jarrell, Virgil N. Vine feeding machine. 2,842,255, 7-8-58, Cl. 198—37.
- Jarret, Jacques H., and J. M. B. Arrangement for producing alternating magnetic fields. 2,829,276, 4-1-58, Cl. 290—1.
- Jarret, Jean M. B.: *See*—
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- Jarrett, Charles A., to Eastman Kodak Co. Dry spinning process. 2,838,365, 6-10-58, Cl. 18—54.
- Jarrett, Earl T.: *See*—
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- Järund, Harry S. V., to Hermorian Ltd. Rotating shearing device. 2,821,250, 1-28-58, Cl. 164—42.
- Järund, Harry S. V., to Hermorian Ltd. Apparatus for the continuous shaping of tubes from a web of paper or the like. 2,832,271, 4-29-58, Cl. 93—82.
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- Jarvis, Cleo D. Casket mattress. 2,859,505, 11-11-58, Cl. 27—12.
- Jarvis, Donald S. Poultry suspending device. 2,839,781, 6-24-58, Cl. 17—44.1.
- Jarvis, James G., to Grasslander Co. Ltd. Forage harvester. 2,829,481, 4-8-58, Cl. 56—1.
- Jarvis, James G., to Grasslander Co. Ltd. Pressure cutting unit having longitudinally inclined cutting blades. 2,829,689, 4-8-58, Cl. 146—117.

- Jarvis, James G., to Grasslander Co. Ltd. Unitary rotary straw cutter and cooperating roller. 2,829,690, 4-8-58, Cl. 146-117.
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- Jarvis, Kenneth W. Variable resistor. 2,861,158, 11-18-58, Cl. 201-48.
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- Jaskowski, Michael C.: *See*—
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- Jasper, Ronald J., to Lamb-Grays Harbor Co., Inc. Swing conveyors. 2,848,100, 8-19-58, Cl. 198-100.
- Jasper, Thomas M., to A. O. Smith Corp. Clamp ring suspension. 2,852,295, 9-16-58, Cl. 292-256.67.
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- Jatcko, Joseph M.: *See*—
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- Jauch, Robert J., and C. W. Kruckeberg, to Union Asbestos & Rubber Co. Switch actuator. 2,827,524, 3-18-58, Cl. 200-61.39.
- Jaud, Anna: *See*—
Fleuret, Michel A. A. 2,861,986.
- Jaulmes, Eric, to Ateliers de la Motobecane, Societe Anonyme Francaise. Frames for motorcycles. 2,854,249, 9-30-58, Cl. 280-281.
- Jauquet, Jean. Pocket speaking devices. 2,859,974, 11-11-58, Cl. 274-16.
- Javaux, Gustave, to Pilkington Bros. Ltd. Apparatus for grinding flat glass on both faces simultaneously. 2,859,565, 11-11-58, Cl. 51-112.
- Javes, Wilfred. Valve mechanism for controlling the flow of liquids. 2,835,274, 5-20-58, Cl. 137-837.2.
- Jaworski, Charles J., and J. J. La Due, to International Business Machines Corp. Tape reel package. 2,859,868, 11-11-58, Cl. 206-59.
- Jaworski, Francis B.: *See*—
Emerson, William A., Baker, and Jaworski. 2,824,729.
- Jay Co., Inc.: *See*—
Lipsey, Jay. 2,822,678.
- Jay, James E. Fishing lure. 2,839,866, 6-24-58, Cl. 43-41.
- Jay, Kenneth W., to Orenda Engines Ltd. Fuel metering valve. 2,837,148, 6-3-58, Cl. 158-36.
- Jay, Kenneth W., to Orenda Engines Ltd. Flexible inner to outer pipe coupling with plural seals. 2,841,419, 7-1-58, Cl. 285-225.
- Jayet, David: *See*—
Jayet, David L. 2,865,033.
- Jayet, David L., to Ammatofco S. A. Buckle for locking the straps of a harness. 2,832,120, 4-29-58, Cl. 24-205.17.
- Jayet, David L. External filter support for underwater camera casings. 2,855,826, 10-14-58, Cl. 88-113.
- Jayet, David L., to David Jayet. Shoe provided with asymmetrical swimming webs. 2,865,033, 12-23-58, Cl. 9-21.
- Jayle, Gaetan J. Automatic eyelids eyeball fixing device for a surgical intervention. 2,845,925, 8-5-58, Cl. 128-20.
- Jaynes, Floyd R. Safety speed-indicating device for motor vehicles. 2,825,048, 2-25-58, Cl. 340-264.
- Jean, George Y.: *See*—
Janney, Thomas T., and Jean. 2,859,778.
- Jean, James W., 51% to A. R. Chandler, 32% to J. N. Adams, and 17% to S. Turner. Additive for gasoline and Diesel fuels. 2,864,675, 12-16-58, Cl. 44-50.
- Jean, Marcel: *See*—
Devaux, Adrien, and Jean. 2,843,454.
- Jeanfrage, Roger E., to The Turner & Seymour Mfg. Co. Tongs. 2,839,325, 6-17-58, Cl. 294-99.
- Jeanneret, Jules L. Gauge system for machine tools. 2,857,796, 10-28-58, Cl. 82-21.
- Jeannero, Russell K., and E. E. Kwierant, to United States Rubber Co. Bead wrapping machine. 2,855,976, 10-14-58, Cl. 154-9.
- Jeannel, Marcel: *See*—
Squindo, Wilhelm. 2,845,322.
- Jeannotte, William S. Garment hanger. 2,843,297, 7-15-58, Cl. 223-95.
- Jeannin, Robert A. A., to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Battery of deferred action cells. 2,847,494, 8-12-58, Cl. 136-90.
- Jeantelot, Maurice A. Process for making wooden floor panels. 2,843,885, 7-22-58, Cl. 20-6.
- Jedrzejewski, Chester M., and D. P. Ramaker, to United Aircraft Corp. Control system for a variable pitch propeller. 2,840,171, 6-24-58, Cl. 170-160.2.
- Jedrzykowski, Edmund, and C. A. Hubert, to International Harvester Co. Mounting for tractor generator. 2,860,717, 11-18-58, Cl. 180-53.
- Jeanel, Joachim: *See*—
Blond, George F., Deerhake, and Jeanel. 2,841,740.
- Jeffers, Edward C. and M. C. Journal lubricator. 2,825,609, 3-4-58, Cl. 308-88.
- Jeffers, Martin C.: *See*—
Jeffers, Edward C. and M. C. 2,825,609.
- Jefferson Chemical Co., Inc.: *See*—
Malkemus, John D., Currier, and Bell. 2,856,413.
- Jefferson, Karl G. Keyhole light. 2,831,959, 4-22-58, Cl. 240-213.
- Jefferson, Robert L.: *See*—
Sprenger, John H., and Jefferson. 2,855,890.
- Jefferson, Sidney, to the United States of America as represented by the United States Atomic Energy Commission. Go-devils. 2,821,636, 1-28-58, Cl. 250-106.
- Jefferson, Sidney, to United States of America, Atomic Energy Commission. Gas discharge devices. 2,860,269, 11-11-58, Cl. 313-54.
- Jefferson Lake Sulphur Co.: *See*—
Miller, Ernest B. 2,823,764.
Miller, Ernest B. 2,861,651.
- Jeffery, Harold: *See*—
Edge, Stanley H., and Jeffery. 2,820,372.
- Jeffery, Norman H., to Rolls-Royce Ltd. Bushing of reinforced elastomer and method of manufacture. 2,857,189, 10-21-58, Cl. 287-85.
- Jefferys, Edward G.: *See*—
Borrow, Antony, Jefferys, and Nixon. 2,865,812.
- Jefferys, Richard A.: *See*—
Miller, Paul D., and Jefferys. 2,864,732.
- Jeffords, Roy L.: *See*—
Menser, Henry E., Jeffords, and Vancil. 2,847,204.
- Jeffrey, George A.: *See*—
Edge, Stanley H., and Jeffrey. 2,837,177.
- Jeffrey Mfg. Co., The: *See*—
Curley, Morton B. 2,844,207.
Johnson, Claus J. 2,843,255.
Kindig, Arnie J. 2,843,432.
Kindig, Arnie J. 2,851,140.
Knight, Lloyd K. 2,828,922.
Kuhner, Gilbert R. 2,862,164.
Le Roy, Franklin J. 2,844,251.
Mercier, Stanley M. 2,844,042.
Miller, Frank C. 2,843,225.
Moon, Sterling C. 2,866,626.
Whitney, Paul V. 2,828,161.
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Wright, Fred J. 2,818,706.
- Jeffrey, William B.: *See*—
Bentz, Ronald J., and Jeffrey. 2,861,843.
- Jeffrey, William J.: *See*—
Bergsland, Charles H., Karinen, Sorensen, Jeffrey, and Neumeister. 2,828,592.
- Jeffreys, George A. Process for making yeast leavened baked products. 2,842,442, 7-8-58, Cl. 99-90.
- Jeffries, James F.: *See*—
Weston, Arthur W., Jeffries, and Geiszler. 2,850,531.
- Jeffs, Robert W., to Western Gear Works. Machine for edge-marking panels. 2,833,208, 5-6-58, Cl. 101-37.
- Jeger, Oskar: *See*—
Ruzicka, Leopold, Heusser, and Jeger. 2,831,857.
- Jeglum, Norman L., to The Sheffield Corp. Electromagnetic gage head. 2,833,046, 5-6-58, Cl. 33-147.
- Jehier, Andre. Machine for welding plastic sheet materials. 2,842,649, 7-8-58, Cl. 219-104.7.
- Jelinek, Charles F.: *See*—
Mayhew, Raymond L., and Jelinek. 2,835,635.
- Jellinek, Maurice H., to Union Carbide Corp. Vinyl silane composition and process for treating fibrous glass material therewith. 2,834,693, 5-13-58, Cl. 117-126.
- Jelling, Murray. Thermally stable bituminous bonding materials. 2,863,785, 12-9-58, Cl. 106-273.
- Jellinghaus, Karl: *See*—
Knipp, Erwin, and Jellinghaus. 2,826,794.
- Jellis, Morgan: *See*—
Fenimore, Ronald W., Borley, and Jellis. 2,820,295.
- Jelmeland, Mark C. Combination sprinkling and fire extinguishing apparatus, and guttering. 2,865,674, 12-23-58, Cl. 299-104.
- Jeltsch, Arnold E., to Koppers Co., Inc. Production of aryl ethers. 2,852,566, 9-16-58, Cl. 260-613.

- Jen, Yun: *See*—
 Suen, Tzeng J., and Jen. 2,829,126.
 Suen, Tzeng J., and Jen. 2,862,901.
 Suen, Tzeng J., Jen, and Moore. 2,834,756.
 Wooding, William M., Jen, and Sheers. 2,856,314.
- Jen, Yun, and S. T. Moore, to American Cyanamid Co. Poly-alkylene-polyamine resinous composition, method of making paper using same and paper containing same. 2,831,675, 5-13-58, Cl. 92-3.
- Jenaer Glaswerk Schott & Gen.: *See*—
 Eden, Carsten. 2,855,450.
 Geffcken, Walter, and Rehs. 2,861,000.
 Zellner, Hugo. 2,842,485.
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- Jendrassik, Clara: *See*—
 Jendrassik, George. 2,836,346.
 Jendrassik, George. 2,848,871.
 Jendrassik, George. 2,852,915.
- Jendrassik Developments Ltd.: *See*—
 Jendrassik, George. 2,836,346.
 Jendrassik, George. 2,848,871.
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- Jendrassik, George, deceased, by A. G. T. Boszormenyi, and C. Jendrassik, executors, to Jendrassik Developments Ltd. Pressure exchangers. 2,836,346, 5-27-58, Cl. 230-69.
- Jendrassik, George, deceased (A. G. T. Boszormenyi and C. Jendrassik, executors), to Jendrassik Developments Ltd. Low pressure scavenging arrangements of pressure exchangers. 2,848,871, 8-26-58, Cl. 60-39.45.
- Jendrassik, George, deceased; A. G. T. Boszormenyi and C. Jendrassik, executors, to Jendrassik Developments Ltd. Improvements in pressure exchanger scavenging. 2,852,915, 9-23-58, Cl. 60-39.45.
- Jendrisak, Joseph E. Apparatus for bending glass sheets or plates. 2,859,561, 11-11-58, Cl. 49-67.
- Jenkins, Alfred M.: *See*—
 Catlin, Willard E., and Jenkins. 2,839,573.
- Jenkins, Cecil: *See*—
 Woolslayer, Homer J., Jenkins, Maxwell, and Born. 2,840,198.
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- Jenkins, Cecil, J. W. Born, H. J. Woolslayer, and R. C. Maxwell, to Lee C. Moore Corp. Multiple well drilling apparatus and method. 2,840,197, 6-24-58, Cl. 189-11.
- Jenkins, Desmond L.: *See*—
 Hurst, Norman A., and Jenkins. 2,826,372.
- Jenkins, Edgar W., Jr., to Shell Development Co. Well surveying by television. 2,852,600, 9-16-58, Cl. 178-6.8.
- Jenkins, Edward A.: *See*—
 Peterson, Robert E., Ungert, and Jenkins. 2,848,641.
- Jenkins, Francis A., to United States of America, Atomic Energy Commission. Method of separating isotopes of uranium in a calutron. 2,833,927, 5-6-58, Cl. 250-41.9.
- Jenkins, George F., and H. J. Smith, to Minneapolis-Honeywell Regulator Co. Control apparatus with variably biased amplifier. 2,824,699, 2-25-58, Cl. 236-91.
- Jenkins, Gerald S., and A. B. Jackson, to National Mine Service Co. Endless track take up and lock. 2,838,343, 6-10-58, Cl. 305-9.
- Jenkins, Gwynville, to Polygram Casting Co. Ltd. Apparatus for the manufacture of moulds, hollow cores and the like for foundry purposes. 2,834,074, 5-13-58, Cl. 22-34.
- Jenkins, Harold L. Valve in head for internal combustion engine. 2,835,242, 5-20-58, Cl. 123-191.
- Jenkins, Herbert A. H., and D. B. Freeman, to Parker Rust Proof Co. Composition for and methods of forming oxalate coatings on metallic surfaces. 2,850,417, 9-2-58, Cl. 148-6.14.
- Jenkins, Herschel S., J. R. Magee, Jr., H. S. Morgan, Jr., and B. M. Saffian, to Virginia-Carolina Chemical Corp. Manufacture of protein fibers. 2,845,362, 7-29-58, Cl. 106-153.
- Jenkins, Hugh P., and C. H. Shomate. Explosive charge for delay fuze. 2,865,726, 12-23-58, Cl. 52-22.
- Jenkins, Isaac G., Jr. Automatic irrigation system and apparatus. 2,820,479, 1-21-58, Cl. 137-625.42.
- Jenkins, Ivor, to The General Electric Co. Ltd. Method of manufacturing sintered compositions. 2,852,366, 9-16-58, Cl. 75-201.
- Jenkins, Jams H.: *See*—
 Crockford, Jack A., Hayes, Jenkins, and Feurt. 2,854,925.
- Jenkins, Lloyd T., and R. R. Holmes, to The Chemstrand Corp. Acrylonitrile compositions stabilized with metal formaldehyde sulfoxylates, zinc diethyl dithiophosphate, and inorganic acids, and method of making. 2,849,413, 8-26-58, Cl. 260-32.6.
- Jenkins, Lloyd T., and C. H. Campbell, to The Chemstrand Corp. Color stabilized acrylonitrile polymers and method of making the same. 2,850,472, 9-2-58, Cl. 260-32.6.
- Jenkins, Quinton H. Portable loading chute. 2,827,016, 3-18-58, Cl. 119-82.
- Jenkins, Robert F., and E. D. Wells, to The Standard Oil Co. Method of making asphalt emulsions. 2,833,663, 5-6-58, Cl. 106-277.
- Jenkins, Robert W., G. A. Plew, and I. Katz, to North American Aviation, Inc. Ureamide-epoxide compositions. 2,855,372, 10-7-58, Cl. 260-18.
- Jenkins, Roy H., Jr., to Hercules Powder Co. Fungicidal compositions. 2,844,506, 7-22-58, Cl. 167-30.
- Jenkins, Theron W., Jr., to Leeds and Northrop Co. Control systems. 2,864,343, 12-16-58, Cl. 122-479.
- Jenkins, Thomas E.: *See*—
 Hardy, Albert L., and Jenkins. 2,860,608.
- Jenkins, W. L., Co., The: *See*—
 Jenkins, Wendell L. 2,864,142.
- Jenkins, Wallace, and H. L. McCreery, to The Atlas Mfg. & Sales Corp. Vending machine. 2,846,122, 8-5-58, Cl. 222-153.
- Jenkins, Wendell L., to The W. L. Jenkins Co. Foundry chill plate. 2,864,142, 12-16-58, Cl. 22-183.
- Jenkins, William G.: *See*—
 Reisacher, Raymond M., and Jenkins. 2,853,905.
- Jenkinson, Harry C., to Principal Mfg. Corp. Cake serving utensils, and the like. 2,845,705, 8-5-58, Cl. 30-122.
- Jenkner, Adolf. Production of coke. 2,861,028, 11-18-58, Cl. 202-27.
- Jenkner, Herbert: *See*—
 Schmidt, Hans W., and Jenkner. 2,857,414.
- Jenkner, Herbert, to Kali-Chemie A. G. Alkylation of organopolysiloxanes using a hydrocarbon aluminum compound. 2,853,504, 9-23-58, Cl. 260-448.2.
- Jenkner, Herbert, to Kali-Chemie A. G. Polymerizing dialkylsiloxanes with aluminum containing compounds. 2,858,294, 10-28-58, Cl. 260-46.5.
- Jenks, Earl K. Hobbyhorse. 2,840,377, 6-24-58, Cl. 272-1.
- Jenks, George M.: *See*—
 Lazarus, Julius and Jenks. 2,826,761.
- Jenn, Louis J. Ventilator. 2,823,598, 2-18-58, Cl. 98-43.
- Jenne, Frank, Jr., and R. W. Schmies, to General Electric Co. Arc tube support. 2,830,210, 4-8-58, Cl. 313-25.
- Jenne, Kenneth C., to Malleable Iron Fittings Co. Hinged pole connector. 2,825,943, 3-11-58, Cl. 20-92.
- Jenne, Kenneth C., to Malleable Iron Fittings Co. Pole bearing plate. 2,828,515, 4-1-58, Cl. 20-99.
- Jennen, Jacob J., to Gevaert Photo-Produkten N. V. Process and material for producing photographic multi-color images. 2,823,998, 2-18-58, Cl. 96-9.
- Jenner, Edward L., to E. I. du Pont de Nemours and Co. Long-chain dithiols, and their preparation. 2,842,582, 7-8-58, Cl. 260-455.
- Jenney, David S., to United Aircraft Corp. Convertiplane with automatic rotor-aileron coupling. 2,837,301, 6-3-58, Cl. 244-7.
- Jenney, Ray S., R. T. Fetherston, and G. R. Miller, to Kellogg Co. Device for orienting articles conveyed forwardly to a packaging machine. 2,841,269, 7-1-58, Cl. 198-30.
- Jenney, Theodore M., to Olin Mathieson Chemical Corp. Process for production of hydrogen peroxide. 2,837,411, 6-3-58, Cl. 23-207.
- Jennings, Alethea A. Sleeve pressing pad. 2,823,471, 2-18-58, Cl. 38-141.
- Jennings, Alethea A. Shampoo garment. 2,851,690, 9-16-58, Cl. 2-50.
- Jennings, Harry C., Jr. Sliding connection between seat rails and legs of collapsible wheel chairs. 2,859,800, 11-11-58, Cl. 155-140.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum switch. 2,832,872, 4-29-58, Cl. 200-144.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum relay. 2,834,847, 5-13-58, Cl. 200-87.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum switch. 2,863,026, 12-2-58, Cl. 200-144.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum switch. 2,863,037, 12-2-58, Cl. 200-144.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Adjustable discharge tube. 2,866,119, 12-23-58, Cl. 313-148.
- Jennings Machine Corp.: *See*—
 Burley, John W. 2,825,091.
 Morgan, Harry W. 2,823,787.
- Jennings, Melvin A. and W. Grinding apparatus. 2,818,689, 1-7-58, Cl. 51-103.
- Jennings, Oliver S., to Westinghouse Electric Corp. Circuit control device. 2,824,922, 2-25-58, Cl. 200-88.
- Jennings, Paul A., to Armco Steel Corp. Age-hardening austenitic stainless steel. Re. 24,431, 2-11-58, Cl. 75-126.
- Jennings Radio Mfg. Corp.: *See*—
 Calkins, Walter D. 2,847,571.
- Jennings, Jo E. 2,832,872.
- Jennings, Jo E. 2,834,847.
- Jennings, Jo E. 2,863,026.
- Jennings, Jo E. 2,863,027.
- Jennings, Jo E. 2,866,119.
- Steward, Lewis B., and Hawkins. 2,843,701.
- Jennings, Ralph W. Resilient-tongued cable clamp for beveled corner outlet boxes. 2,850,300, 9-2-58, Cl. 285-128.
- Jennings, Wanda M. Identification means for rolls of film or tape. 2,851,801, 9-16-58, Cl. 40-8.
- Jennings, Wesley: *See*—
 Jennings, Melvin A. and W. 2,818,689.
- Jennison, James H., to the United States of America as represented by the Secretary of the Navy. Adjustable rail support. 2,823,866, 2-18-58, Cl. 238-281.
- Jennison, John E. Hydraulic pressure cleaver for pipe. 2,851,773, 9-16-58, Cl. 30-92.
- Jenny, Alfred L.: *See*—
 Russetta, Ralph A., and Jenny. 2,863,811.
- Jenny, Dietrich A., to Radio Corp. of America. Semiconductive alloys of gallium arsenide. 2,830,239, 4-8-58, Cl. 317-237.
- Jenny, Dietrich A., to Radio Corp. of America. Semiconductor device. 2,840,496, 6-24-58, Cl. 148-1.5.
- Jenny, Dietrich A., to Radio Corp. of America. Semiconductor devices and method of making same. 2,846,340, 8-5-58, Cl. 148-1.5.

- Jenny, Dietrich A., to Radio Corp. of America. Method for making semi-conductor devices. 2,849,341, 8-26-58, Cl. 148-1.5.
- Jenny, Frank J. Method and apparatus for synthesizing hydrocarbons. 2,852,545, 9-16-58, Cl. 260-449.6.
- Jenny, Hans. Method for the preservation of roasted and ground coffee and the maintenance of their nutritive value. 2,834,680, 5-13-58, Cl. 99-68.
- Jenny, Hans K., to the United States of America as represented by the Secretary of the Navy. Apertured vane magnetron. 2,828,441, 3-25-58, Cl. 315-5.13.
- Jenny, Hans K., to Radio Corp. of America. Mechanically and electrically tunable cavity resonator. 2,830,224, 4-8-58, Cl. 315-5.53.
- Jenny, Walter: *See*—
Grossmann, Paul, Jenny, and Kern. 2,819,275.
- Jensch, Heinrich, H. Loeew, and F. Bauer, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning, DI (amidinophenyl) hydrozones. 2,851,495, 9-9-58, Cl. 260-364.
- Jensen, Arthur S.: *See*—
Gray, George W., and Jensen. 2,837,639.
- Jensen, Arthur S., and G. W. Gray, to United States of America, Atomic Energy Commission. Quantizing tube. 2,841,727, 7-1-58, Cl. 313-68.
- Jensen, Carl L.: *See*—
Jensen, Kai A. and C. L. 2,860,136.
- Jensen, Carl L., to Løvens kemiske Fabrik ved, A. Kongsted. Method for the esterification of 2-hydroxy-4-amino-benzoic acid with phenols. 2,829,154, 4-1-58, Cl. 260-471.
- Jensen, Clarence F., to Webster Electric Co. Electrical phonograph transducer with multiple styli. 2,821,577, 1-28-58, Cl. 179-100.41.
- Jensen, Dale M. Fire extinguishing sprinkler system of dry-pipe type. 2,865,457, 12-23-58, Cl. 169-17.
- Jensen, Erik H.: *See*—
Pederson, Raymond L., and Jensen. 2,844,601.
- Jensen, Erik H., and H. Spønnø, to The Upjohn Co. Aqueous therapeutic composition comprising reserpine, propylene glycol and sorbitol. 2,854,380, 9-30-58, Cl. 167-67.
- Jensen, Erling, to Spiro Establishment. Machines for producing tubing from continuous strip metal. 2,862,469, 12-2-58, Cl. 113-35.
- Jensen, Gilbert W., to Geo. D. Roper Corp. Gas burner construction. 2,854,069, 9-30-58, Cl. 158-116.
- Jensen, Hans, to Gits Bros. Mfg. Co. Shaft seal with radially compacting sealing surfaces. 2,844,393, 7-22-58, Cl. 286-11.14.
- Jensen, Hans A., and A. H. Eberman, to Oscar Mayer & Co., Inc. Packaging machine. 2,831,302, 4-22-58, Cl. 53-138.
- Jensen, Hans C. H., to Esso Research and Engineering Co. Steam turbine lubricant. 2,852,465, 9-16-58, Cl. 252-33.4.
- Jensen, Homer. Stabilized optical sighting device. 2,829,557, 4-8-58, Cl. 88-34.
- Jensen, James L., to Minneapolis-Honeywell Regulator Co. Semi-conductor circuit. 2,864,904, 12-16-58, Cl. 179-171.
- Jensen, James L., to Minneapolis-Honeywell Regulator Co. Semiconductor apparatus. 2,864,962, 12-16-58, Cl. 307-88.5.
- Jensen, Kai A. and C. L., to Aktieselskabet Ferrosan. 3-mercuroic-2-methoxy-1-succinimidopropane derivatives. 2,860,136, 11-11-58, Cl. 260-242.
- Jensen, Kaj L., and G. J. J. Rosendahl, to Det Store Nordiske Telegraf-Selskab (Aktieselskab). Machine for converting telegraphic characters. 2,820,520, 1-21-58, Cl. 164-114.
- Jensen, Kaj L., and G. J. J. Rosendahl, to Det Store Nordiske Telegraf-Selskab (Aktieselskab). Machine for punching tape for recording telegraphic characters. 2,842,203, 7-8-58, Cl. 164-114.
- Jensen, Le Var C.: *See*—
Eckenfels, Henry A., and Jensen. 2,842,305.
- Jensen, Lionel R., to Geo. D. Roper, Corp. Burner grate construction. 2,861,563, 11-25-58, Cl. 126-214.
- Jensen, Melvin J.: *See*—
Jerome, Wallace H., and Jensen. 2,855,624.
- Jensen, Merlin R., to Minneapolis-Honeywell Regulator Co. Valve control apparatus. 2,831,496, 4-22-58, Cl. 137-331.
- Jensen, Nels P. W.: *See*—
Hanson, Ingvald. 2,822,066.
- Jensen, Niels H., and A. F. Johnson, to Lukens Steel Co. Slotted pipe cable guide. 2,824,576, 2-25-58, Cl. 138-48.
- Jensen, Olaf, to Norsk Hydro-Elektrisk Kvaestofaktieselskab. Process for the production of sponge iron. 2,865,732, 12-23-58, Cl. 75-11.
- Jensen, Otto, to I-T-E Circuit Breaker Co. Contact structure for mechanical rectifiers. 2,851,562, 9-9-58, Cl. 200-166.
- Jensen, Otto, to I-T-E Circuit Breaker Co. Leaf spring guide for mechanical rectifier contacts. 2,861,154, 11-18-58, Cl. 200-166.
- Jensen, Otto C., to H. Struers Chemiske Laboratorium. Device for the clamping together of two bars or tubes at an angle with one another. 2,820,656, 1-21-58, Cl. 287-54.
- Jensen, Raymond W., to The Garrett Corp. Pressure balanced bellows type flexible coupling for conduits. 2,821,414, 1-28-58, Cl. 285-47.
- Jensen, Raymond W., to The Garrett Corp. Temperature responsive fuel control apparatus for gas turbine. 2,848,868, 8-26-58, Cl. 60-39.28.
- Jensen, Robert V., and R. A. Laff, to Radio Corp. of America. Method of doping semi-conductive material. 2,841,509, 7-1-58, Cl. 148-1.5.
- Jensen, Rodger H.: *See*—
Peak, Maitland J., and Jensen. 2,847,560.
Peak, Maitland J., and Jensen. 2,847,654.
- Jensen, Stephen F., to American Can Co. Carrying handle with locking feature. 2,840,234, 6-24-58, Cl. 206-65.
- Jensen, Thormod, to Pollock Paper Corp. Wrapper cutting machine. 2,826,882, 3-18-58, Cl. 53-66.
- Jensen, Thormod, to American Machine & Foundry Co. Registration device for wrapping machines. 2,848,224, 8-19-58, Cl. 271-2.6.
- Jensen, Warren R.: *See*—
Lacroix, Arthur J., Jr., and Jensen. 2,852,118.
- Jensen, William G., to Ford Motor Co. Interlocking device. 2,855,796, 10-14-58, Cl. 74-483.
- Jensen, William G., to Ford Motor Co. Transmission selector servo. 2,861,464, 11-25-58, Cl. 74-472.
- Jensen, William G. Spraying attachment for lawn mower. 2,865,671, 12-23-58, Cl. 299-30.
- Jenssen, Sverre K.: *See*—
Egenwall, Gustaf C., and Jenssen. 2,865,613.
- Jentges, Thomas W.: *See*—
Harrington, Frank A., and Jentges. 2,821,700.
Harrington, Frank A., and Jentges. 2,847,559.
- Jeppsson, Erik M., to Svenska Aktiebolaget Bromsregulator. Automatic slack adjusters. 2,837,179, 6-3-58, Cl. 188-196.
- Jepson, Charles W. Attachment for buttonholes. 2,845,678, 8-5-58, Cl. 24-202.
- Jepson, Ivar, to Sunbeam Corp. Coffee maker. 2,829,584, 4-8-58, Cl. 99-292.
- Jepson, Ivar, to Sunbeam Corp. Electric shaver and casing therefor in which the housing of the shaver serves as part of the casing. 2,838,835, 6-17-58, Cl. 30-34.
- Jepson, Ivar, to Sunbeam Corp. Coffee maker filter. 2,864,504, 12-16-58, Cl. 210-238.
- Jepson, Ivar, and F. E. Cerveny, to Sunbeam Corp. Improved shearing head for hair clipper. 2,819,522, 1-14-58, Cl. 30-216.
- Jerde, Eugene M. Fishhook holder. 2,836,005, 5-27-58, Cl. 43-57.5.
- Jered Industries, Inc.: *See*—
Baker, Willard C. 2,821,864.
Claus, Julius A., Jr., and Chorkey. 2,820,276.
- Jeremias, Bruno R., to Poor & Co. Process and composition for protectively coating aluminum and aluminum alloys. 2,859,144, 11-4-58, Cl. 148-6.2.
- Jeremias, Bruno R., to Poor & Co. Process of and compositions for producing coated aluminum and aluminum alloys. 2,859,147, 11-4-58, Cl. 148-6.16.
- Jerie, Jan, and Z. Fench. Combined combustion chamber for burning pulverized fuel and fly-ash separator. 2,861,423, 11-25-58, Cl. 60-39.46.
- Jerlet, Adolf, to Siemens-Schuckertwerke Akt. Semiconductor junction rectifier. 2,843,516, 7-15-58, Cl. 148-33.
- Jernakoff, George, to General Electric Co. Drift compensator for direct-coupled amplifier. 2,846,586, 8-5-58, Cl. 250-41.9.
- Jernstrom, Karl W.: *See*—
McBride, Howard R. Jr. 2,857,874.
- Jero, John P.: *See*—
Engelking, Frederick S., and Jero. 2,853,323.
- Jerome, Chester W. Bowling ball. 2,859,039, 11-4-58, Cl. 273-63.
- Jerome, Wallace H., and M. J. Jensen. Poultry hock severing apparatus. 2,855,624, 10-14-58, Cl. 17-11.
- Jeromson, James R., Jr.: *See*—
Sampietro, Achilles C., and Jeromson. 2,850,878.
- Jersey Production Research Co.: *See*—
Allen, Thomas O., McDuffie, and Minter. 2,856,001.
Badger, Algernon S. 2,856,004.
Badger, Algernon S., and Beson. 2,856,301.
Beck, Robert W. 2,856,005.
Blagg, Leon. 2,859,771.
Boucher, Frank G. 2,859,938.
Buck, Henry M., Peters, and Rumble. 2,856,006.
Cochran, Clyde D. 2,862,691.
Crookston, Robert R., and Bolling. 2,850,256.
Crookston, Robert R., and Bolling. 2,850,929.
Deily, Fredric H., and Fitch. 2,864,403.
Eckel, John E. 2,859,826.
Flatow, Tobias. 2,851,784.
Gaudin, Alfred L. 2,851,785.
Hunt, John M., and Meinert. 2,854,396.
Krause, Henry M., Jr. 2,852,078.
Larson, Vernon C. 2,859,614.
Meredith, Henry H., Jr. 2,853,282.
Moore, Thomas V., and Hottel. 2,853,136.
Razland, Douglas. 2,851,957.
Tausch, Gilbert H. 2,864,449.
Tausch, Gilbert H., and Dublin. 2,855,952.
True, Martin E. 2,850,125.
True, Martin E., and O'Reilly. 2,856,002.
Wait, Harold V. 2,864,148.
Williams, Philip S. 2,859,828.
- Jerusel, Jean. Mining tool for injecting liquid, such as water, at high pressure. 2,840,360, 6-24-58, Cl. 262-34.
- Jervis Corp.: *See*—
Anderson, Lloyd L. 2,859,999.
Hadley, Richard M. 2,859,744.
Korb, Anton W. 2,855,639.
Rop, James O. 2,835,244.
- Jervis, Joseph, to James Lees and Sons Co. Industrial apparatus and method. 2,847,717, 8-19-58, Cl. 19-106.

- Jesig, Charles J., to Duo-Vent Vacuum Closure Co. Pressure resistant closures. 2,847,130, 8-19-58, Cl. 215-31.
- Jesse, Edwin L.: *See*—
- Reiss, Raymond H., Hahn, and Jesse. 2,828,044.
- Jessee, Ralph D., to Westinghouse Electric Corp. Negative sequence voltage sensing network. 2,836,771, 5-27-58, Cl. 317-47.
- Jessee, Ralph D., to Westinghouse Electric Corp. Contactors. 2,840,602, 6-24-58, Cl. 200-106.
- Jessel, Jonas G. Apparatus for making beverages. 2,861,512, 11-25-58, Cl. 99-283.
- Jessen, Christian C., to E. I. du Pont de Nemours and Co. Method of preparing glass color compositions. 2,848,339, 8-19-58, Cl. 106-48.
- Jessen, Frank. Nitrogen fertilizer dispenser. 2,857,863, 10-28-58, Cl. 111-7.
- Jessen, George R., and C. W. Chanlund, to Cen-Vi-Ro Pipe Corp. Process for casting concrete pipe. 2,840,880, 7-1-58, Cl. 25-155.
- Jessen, Leslie A. Golf instruction device. 2,865,635, 12-23-58, Cl. 273-35.
- Jessen, Paul J. Holder for electric shaver and take-up reels therefor. 2,821,453, 1-28-58, Cl. 312-223.
- Jessen, Phillip L., and H. J. Price, to the United States of America as represented by the United States Atomic Energy Commission. Stabilized oscillator. 2,827,569, 3-18-58, Cl. 250-36.
- Jessen, Werner H.: *See*—
- Cross, Ralph E., and Jessen. Re. 24,491.
- Jessop Steel Co.: *See*—
- Harris, Edward J. 2,835,022.
- Jessup, Alfred C., deceased (by J. M. de Navarro, H. J. H. Saunders, and E. F. Emley, executors), and J. H. T. Petch, to Magnesium Elektron Ltd. Magnesium base alloys. 2,829,973, 4-8-58, Cl. 75-168.
- Jessup, Jacob D., to W. D. Keith. Half wave magnetic vibrating mattress. 2,852,021, 9-16-58, Cl. 182-33.
- Jesty, Leslie C., and N. R. Phelp, to Marconi's Wireless Telegraph Co. Ltd. Color television registration system. 2,842,611, 7-8-58, Cl. 178-54.
- Jeszka, Edward T. Boring device. 2,822,709, 2-11-58, Cl. 77-58.
- Jet Ignition Co., Inc.: *See*—
- Harper, William, Jr. 2,843,780.
- Jetgo Mfg. Co.: *See*—
- Brunderman, Vincent G. 2,844,209.
- Jet-Heet, Inc.: *See*—
- MacCracken, Calvin D., Rioux, and Miles. 2,857,747.
- Miles, George N., and Perry. 2,855,861.
- Smith, Edward M. 2,866,072.
- Jett, Alexander L.: *See*—
- Mead, William H., Zambruno, and Jett. 2,833,407.
- Jeung, Jasper L.: *See*—
- Rosenberg, Harold W., Jeung, and Smith. 2,851,537.
- Jeung, Nylan M.: *See*—
- Price, Thomas D., and Jeung. 2,839,358.
- Jewell, Hollis. Magnetic clutch. 2,841,258, 7-1-58, Cl. 192-12.
- Jewell, Howard W. Pipe coupling including elastomeric covered clamping means. 2,846,243, 8-5-58, Cl. 285-369.
- Jewell, Raymond L., to American Sterilizer Co. Flask. 2,842,277, 7-8-58, Cl. 215-100.
- Jewell, Richard G., to General Electric Co. Vibration-compensated suspension. 2,827,338, 3-18-58, Cl. 308-2.
- Jewell, Richard G., to General Electric Co. Lag plate. 2,858,508, 10-28-58, Cl. 324-138.
- Jewell, William R., to General Electric Co. Storage cabinet drawer assembly. 2,843,441, 7-15-58, Cl. 312-301.
- Jewell, William R., and J. W. Pulaski, to General Electric Co. Refrigerator door inner liner. 2,852,328, 9-16-58, Cl. 312-214.
- Jewett, David: *See*—
- Chamberlin, Edward F., and Jewett. 2,857,086.
- Jewett, Deane N., and J. H. Gesing; said Jewett assor. of 1/2 to Detroit Hardware Mfg. Co. Panic exit lock. 2,824,440, 2-25-58, Cl. 70-92.
- Jewett, Frank B., Jr.: *See*—
- Franklin, Edmond G., Holmberg, and Jewett. 2,837,847.
- Jewett, Warren R. Direct reading hypodermic pressure indicating device. 2,866,453, 12-30-58, Cl. 128-25.
- Jex, Victor B., and D. L. Bailey, to Union Carbide Corp. Alkoxyisylpropylamines. 2,832,754, 4-29-58, Cl. 260-46.5.
- Jex, Victor B., and J. E. McMahon, to Union Carbide Corp. Process for producing beta-cyanoethyltrichlorosilane. 2,837,551, 6-3-58, Cl. 260-448.2.
- Jezek, Henry J. Stalk pick-up assembly for shredding machines. 2,826,028, 3-11-58, Cl. 55-118.
- Jezerski, Vincent W., I. L. Wilcox, and H. Pesch, to Seal-right-Oswego Falls Corp. Apparatus for printing closures on containers. 2,866,402, 12-30-58, Cl. 101-35.
- Jezierski, Victor, to Federal Carton Corp., Inc. Sheet feeding and counting assembly. 2,837,016, 6-3-58, Cl. 93-93.
- Jezl, Anton. Door-alarm. 2,838,747, 6-10-58, Cl. 340-274.
- Jezl, James L., to Sun Oil Co. Substituted ammonium phenates. 2,821,488, 1-28-58, Cl. 117-138.5.
- Jezl, James L., to Sun Oil Co. Refining petroleum by contacting first with oxygen-containing gas and then with an epoxide reagent. 2,832,723, 4-29-58, Cl. 196-41.
- Jezl, James L., to Sun Oil Co. Soluble oil. 2,832,736, 4-29-58, Cl. 252-33.3.
- Jezl, James L., to Sun Oil Co. Tetrahydrofurfuryl naphthenate and vinyl polymers plasticized therewith. 2,842,512, 7-8-58, Cl. 260-30.4.
- Jezl, James L., and S. E. Jolly, to Sun Oil Co. Rodent repellent methods and compositions employing imidazoles. 2,832,715, 4-29-58, Cl. 167-33.
- Jicha, Walter F.: *See*—
- Veselik, Emil, Wilson, and Jicha. 2,835,349.
- Jicha, Walter F., and M. C. Wilson, to Calumet Steel Castings Corp. Wheel block with removable toothed foot. 2,862,579, 12-2-58, Cl. 188-32.
- Jiffy Products: *See*—
- Nika, Louis and C. M. 2,850,744.
- Jilcott, Adoniram J.: *See*—
- Harrington, Joseph J., Jilcott, Mitchell, Jordan, and Stansfield. 2,828,030.
- Holliday, Jim B., Stansfield, Mitchell, Goldfarb, and Jilcott. 2,826,317.
- Jilski, Theodor W. E., and O. O. S. Denkhau, to North American Philips Co., Inc. Device for the transmission of sound from rooms having a high noise level. 2,838,127, 6-10-58, Cl. 181-27.
- Jim-Ray Co., Inc.: *See*—
- Higgin, Raymond J. 2,838,177.
- Jiu, James, to G. D. Searle & Co. 17-oxygenated estrane-1,3,5(10)-triene-1,3-diols, and the corresponding esters and ethers. 2,861,036, 11-18-58, Cl. 260-397.4.
- Jiu, James, to G. D. Searle & Co. 17-oxygenated 4,4-diacetoxyestra-1,5(10)-dien-3-ones. 2,866,796, 12-30-58, Cl. 260-397.4.
- Joa, Curt G. Method and apparatus for adhesively connecting the margins of a sanitary napkin wrapper about the pad. 2,839,059, 6-17-58, Cl. 128-290.
- Joa, Curt G. Automatic feed for squaring work fed to the saw or saws of a tenoner. 2,842,169, 7-8-58, Cl. 143-49.
- Joab, Inc.: *See*—
- Lowell, John O. 2,846,001.
- Joachim, Joseph G., and A. B. Sauer, to General Motors Corp. Power operated rear compartment actuator and lock assembly. 2,833,536, 5-6-58, Cl. 268-74.
- Jobanek, Wilbur L. Marksmanship training device. 2,826,677, 3-11-58, Cl. 240-2.
- Jobbins, William F., Inc.: *See*—
- Cooper, Hugh S. 2,841,512.
- Jobe, William H., to Tronic Tooling Corp. Vise. 2,850,926, 9-9-58, Cl. 77-63.
- Jobert, Arthur H., to The New Britain Machine Co. Stock-feed mechanism. 2,844,863, 7-29-58, Cl. 29-37.
- Jobert, Arthur H., and R. C. Gocht, to The New Britain Machine Co. Universal cam mechanism. 2,851,890, 9-16-58, Cl. 74-110.
- Jobst, Conrad, to Jobst Institute Inc. Garment compensating for vascular insufficiency of wearer. 2,829,641, 4-8-58, Cl. 128-165.
- Jobst Institute Inc.: *See*—
- Jobst, Conrad. 2,829,641.
- Jochems, Pieter J. W.: *See*—
- Bol, Arie, Klaassen, and Jochems. 2,863,840.
- Jochems, Pieter J. W., to North American Philips Co., Inc. Transistor. 2,827,599, 3-18-58, Cl. 317-235.
- Jochheim, Hans R. A. Posture measuring device. 2,818,648, 1-7-58, Cl. 33-8.
- Jockers, Kurt, H. Meier, and K. Wintersberger, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of hydroxylamine salts by reduction of nitric oxide. 2,823,101, 2-11-58, Cl. 23-117.
- Jockusch, Helmut: *See*—
- Fuchs, Otto, and Jockusch. 2,862,963.
- Horn, Otto, and Jockusch. 2,822,388.
- Joel, Amos E., Jr.: *See*—
- Abbott, George F., Jr., and Joel. 2,853,555.
- Alquist, Milton L., Jr., Joel, and Posin. 2,853,553.
- Brooks, Chester E., Joel, and Krom. 2,853,554.
- Joel, Amos E., Jr., to Bell Telephone Laboratories, Inc. Record-controlled apparatus. 2,844,307, 7-22-58, Cl. 235-61.1.
- Joel, Amos E., Jr., and M. E. Krom, to Bell Telephone Laboratories, Inc. Service observing circuit. 2,853,562, 9-23-58, Cl. 179-175.2.
- Joel, Elbert E., 1/2 to J. H. Phipps, and C. B. Smith. Sheet delivery mechanism for printing presses. 2,828,127, 3-25-58, Cl. 271-74.
- Joerndt, Wilbur A., to United States of America, Navy. Roll compensator for guided missiles. 2,850,251, 9-2-58, Cl. 244-14.
- Joerndt, Wilbur A., to United States of America, Navy. Rheostat. 2,859,315, 11-4-58, Cl. 201-55.
- Joesting, Frederick D., to Minneapolis-Honeywell Regulator Co. Air blender for air conditioning having temperature and pressure control. 2,835,449, 5-20-58, Cl. 236-13.
- Johansen, Harry A. Gaseous fuel improving and saving device for internal combustion engines. 2,862,512, 12-2-58, Cl. 137-98.
- Johannesen, Allan N., to the United States of America as represented by the Secretary of the Army. Condenser for refrigeration systems. 2,824,720, 2-25-58, Cl. 257-36.
- Johannesen, Allan N., to United States of America, Army. Door securing means for refrigerators. 2,843,409, 7-15-58, Cl. 292-165.
- Johannesen, Conrad A., to Eriez Mfg. Co. Magnetic trap. 2,830,705, 4-15-58, Cl. 210-222.
- Johannesen, Vaughn L., and D. B. Sweely, to Western Electric Co., Inc. Apparatus for broaching articles. 2,823,592, 2-18-58, Cl. 90-33.

- Johannsen, Adolf, W. Danz, and W. Klinger, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of gases containing sulfur dioxide. 2,825,628, 3-4-58, Cl. 23-177.
- Johannsen, Adolf, H. Wolf, F. Hettler, W. Kammerer, H. Stumpf, and W. Rasche, to Badische Anilin- & Soda-Fabrik Akt. Process and apparatus for the production of gases containing sulfur trioxide. 2,846,291, 8-5-58, Cl. 23-176.
- Johannsen, Adolf, G. Wittmann, A. Dietrich, and W. Gebhard, to Badische Anilin- & Soda-Fabrik Akt. Production of roasting products practically free from copper. 2,848,314, 8-19-58, Cl. 75-9.
- Johannsen, Adolf, W. Danz, W. Pfannmueller, and H. Wolf, to Badische Anilin- & Soda-Fabrik Akt. Production of gases rich in sulfur dioxide suitable for working up into sulfuric acid. 2,858,191, 10-28-58, Cl. 23-177.
- Johannsen, Russel G. Overhead door supporting mechanism. 2,820,239, 1-21-58, Cl. 16-1.
- Johansen, Alfred P., to Thomas Electronics, Inc. Application of conductive coating to cathode ray tubes. 2,837,754, 6-10-58, Cl. 15-22.
- Johansen, Einar K., to U. S. Industries, Inc. High speed metal drawing press. 2,827,870, 3-25-58, Cl. 113-38.
- Johansen, Einar K., to U. S. Industries, Inc. Brake mechanism. 2,860,738, 11-18-58, Cl. 188-170.
- Johansen, Fred W. Crib and play pen for automobiles. 2,834,031, 5-13-58, Cl. 5-94.
- Johansen, Gordon W. Reversing clutch mechanism. 2,832,451, 4-29-58, Cl. 192-51.
- Johansen, Mildred C. Adjustable bracket for supporting umbrella or the like. 2,822,143, 2-4-58, Cl. 248-41.
- Johansson, Bengt J., to Cinch Mfg. Corp. Mounting bracket for electric sockets. 2,826,325, 3-11-58, Cl. 220-3.7.
- Johansson, Bengt J., to Cinch Mfg. Corp. Socket and snap-in contact for printed circuits. 2,861,253, 11-18-58, Cl. 339-217.
- Johansson, Bengt J., and W. C. MacFadden, to Cinch Mfg. Corp. Socket for vacuum tube. 2,858,519, 10-28-58, Cl. 339-194.
- Johansson, Berth, E. W. Ehn, and W. Sommer, to SKF Kugellagerfabriken G. m. b. H. Detachable connection arrangement. 2,861,829, 11-25-58, Cl. 287-119.
- Johansson, Edwin W., to Stapling Machines Co. Device for dispensing sheet material from stock pile. 2,829,799, 4-8-58, Cl. 221-293.
- Johansson, Bengt-Olof: See—
Ross, Karl G., Johansson, Alexsson, and Andersson. 2,861,562.
- Johansson, Carl E., to The Youngstown Steel Door Co. Transportation containers for bulk materials. 2,836,454, 5-27-58, Cl. 294-69.
- Johansson, Carl E., to The Youngstown Steel Door Co. Hatch frame and cover for covered hopper car. 2,837,040, 6-3-58, Cl. 105-377.
- Johansson, Carl H., to Nitroglycerin Aktiebolaget. Device for packing explosive cartridges into bore-holes. 2,824,483, 2-25-58, Cl. 86-20.
- Johansson, Ebbe A. I. and S. A. M. Hydraulic jacks. 2,828,611, 4-1-58, Cl. 60-52.
- Johansson, Ebbe A. I. and S. A. M. Collapsible storage table with cross legs. 2,834,644, 5-13-58, Cl. 311-79.
- Johansson, Folke C. E.: See—
Kalling, Bo M. S., and Johansson. 2,853,377.
- Johansson, Ingvar O., to Binks Mfg. Co. Spray coating means. 2,829,006, 4-1-58, Cl. 299-140.1.
- Johansson, Johan E., to Aktiebolaget Gotaverken. Two-stroke cycle internal combustion engine of the opposed piston type comprising two crank shafts. 2,840,060, 6-24-58, Cl. 123-41.
- Johansson, Karl-Erik. Telescopically extensible tubes. 2,858,154, 10-28-58, Cl. 287-58.
- Johansson, Nils E. N.: See—
Af Ekenstam, Bo T., and Johansson. 2,863,873.
- Johansson, Sture A. M.: See—
Johansson, Ebbe A. I. and S. A. M. 2,828,611.
Johansson, Ebbe A. I. and S. A. M. 2,834,644.
- Johdet, Gunnar R.: See—
Carlsson, Erik I., and Johdet. 2,849,133.
- Johanning, Leon C. Turkey caller. 2,833,086, 5-6-58, Cl. 46-180.
- John, Dallas B.: See—
Chicoine, Gordon E., Gunn, Mahoney, and John. 2,842,876.
- John, Frederick W., to Turner Mfg. Co. Picture frames. 2,820,310, 1-21-58, Cl. 40-152.
- Johns, Donald F. Anchoring device. 2,829,718, 4-8-58, Cl. 166-216.
- Johns, Harold E., and J. A. McKay, to Picker X-Ray Corp., White Mfg. Division, Inc. Collimator for high energy X-ray beam. 2,844,736, 7-22-58, Cl. 250-105.
- Johns, Henry S. and W. H. Movable magnetic bowling pin holding apparatus. 2,848,235, 8-19-58, Cl. 273-54.
- Johns, Iral B.: See—
Garner, Clifford S., and Johns. 2,851,332.
- Johns, Iral B., to United States of America, Atomic Energy Commission. Method of reducing plutonium compounds. 2,837,402, 6-3-58, Cl. 23-14.5.
- Johns, Iral B., and A. S. Newton, to United States of America, Atomic Energy Commission. Method for testing coatings. 2,851,338, 9-9-58, Cl. 23-230.
- Johns, La Moine E.: See—
Johns, Max F. and L. E. 2,836,239.
- Johns-Manville Corp.: See—
De Gange, Charles L. E., Jr., and Halstead. 2,861,964.
French, Clayton V., and Ihne. 2,859,484.
Jack, William A. 2,865,195.
Martin, Robert E. 2,830,772.
Parkinson, John S., and Jack. 2,845,252.
Powell, Edward R. 2,823,416.
Smith, Robert E. 2,862,524.
- Johns, Max F. and L. E., to Conmar Products Corp. Apparatus for the processing of slide fasteners. 2,836,239, 5-27-58, Cl. 164-12.
- Johns, William C., and W. J. Wojtowicz, to The H. A. Montgomery Co. Combination picking and coating baths for ferrous metals and methods of using same. 2,846,341, 8-5-58, Cl. 148-6.14.
- Johns, William F.: See—
Hoehn, Willard M., and Johns. 2,853,501.
Sarett, Lewis H., Poos, and Johns. 2,837,516.
- Johns, William H.: See—
Johns, Henry S., and W. H. 2,848,235.
- Johnsen, George V., deceased; E. Tarbet, executrix, to E. J. Wudel. Adapter for transmission jack. 2,838,278, 6-10-58, Cl. 254-134.
- Johnsen, Henrik S.: See—
Becker, Philip D., and Johnsen. 2,818,901.
- Johnson, Al. Carton folding and locking machine. 2,819,660, 1-14-58, Cl. 93-51.
- Johnson, Al. and F. Gauger; said Johnson doing business as Valley Pattern & Mfg. Co. Machine for folding and locking carton blanks. 2,864,287, 12-16-58, Cl. 93-51.
- Johnson, Albert H.: See—
McCafferty, Frank L., and Johnson. 2,818,982.
- Johnson, Albert M., to Barnes Drill Co. Hone expansion control mechanism. 2,819,566, 1-14-58, Cl. 51-184.3.
- Johnson, Albert M., to Barnes Drill Co. Machine for finishing holes in irregular workpieces. 2,829,470, 4-8-58, Cl. 51-34.
- Johnson, Alexander J., to R. H. Pierce Mfg. Co. Portable irrigation system. 2,834,634, 5-13-58, Cl. 299-47.
- Johnson, Alexander J. Lawn mower cutting blade. 2,836,029, 5-27-58, Cl. 56-295.
- Johnson, Alfred C. Pneumatically operated finishing, cutting or scraping device. 2,828,786, 4-1-58, Cl. 144-114.
- Johnson, Alfred D., and F. K. Collins, to Sylvania Electric Products Inc. Apparatus for spacing and uniting parts. 2,864,935, 12-16-58, Cl. 219-78.
- Johnson, Alfred J.: See—
Livingston, Herbert K., and Johnson. 2,834,793.
- Johnson, Allard R. Electrical outlet with detachable face plate. 2,860,317, 11-11-58, Cl. 339-163.
- Johnson, Alvin O.: See—
Le Febvre, Alfred L., Johnson, and Small. 2,850,308.
Small, Douglas M., and Johnson. 2,862,217.
- Johnson, Andrew G.: See—
Baldwin, John D., Jr., and Johnson. 2,854,021.
- Johnson, Armigene R. Garment structure. 2,825,067, 3-4-58, Cl. 2-106.
- Johnson, Armigene R. Garment. 2,860,345, 11-18-58, Cl. 2-106.
- Johnson, Arnold E., to Arvey Corp. Foldable display piece. 2,860,439, 11-18-58, Cl. 41-11.
- Johnson, Arnold N., to Commercial Solvents Corp. 3-(1-aryl-2-nitroalkyl)-2-chlorothiophenes. 2,823,210, 2-11-58, Cl. 260-332.5.
- Johnson, Arnold R.: See—
Bugler, Arthur G., and Johnson. 2,825,078.
- Johnson, Arnold R., to Western Electric Co., Inc. Apparatus for separating articles. 2,848,727, 8-26-58, Cl. 15-1.5.
- Johnson, Arthur E., to A. O. Smith Corp. Arc welding and battery charging apparatus. 2,836,736, 5-27-58, Cl. 307-135.
- Johnson, Arthur W. Zone-controlled heating system. 2,836,197, 5-27-58, Cl. 137-625.18.
- Johnson, Arthur W., to The Ingersoll Milling Machine Co. Machine tool. 2,837,975, 6-10-58, Cl. 90-21.
- Johnson, Axel E. F., to American Hospital Supply Corp. Joint for tubular members. 2,846,249, 8-5-58, Cl. 287-56.
- Johnson, Axel E. F., to American Hospital Supply Corp. Adjustable lamp. 2,850,622, 9-2-58, Cl. 240-81.
- Johnson, Axel E. F., to American Hospital Supply Corp. Door latches. 2,854,708, 10-7-58, Cl. 20-19.
- Johnson, Axel F.: See—
Stiles, Samuel R., and Johnson. 2,829,181.
- Johnson, Axel R.: See—
Jensen, Niels H., and Johnson. 2,824,576.
- Johnson, Benjamin B., to Telephone Mfg. Co. Ltd. Connector and circuit arrangement for automatic telecommunication exchange system. 2,841,652, 7-1-58, Cl. 179-18.
- Johnson, Berd L. Grease cap assembling tool. 2,851,769, 9-16-58, Cl. 29-245.
- Johnson, Bernard H.: See—
Birch, Fred E., and Johnson. 2,859,665.
- Johnson, Bethel W. Backing sheet clamping device for printing cylinders. 2,820,409, 1-21-58, Cl. 101-415.1.
- Johnson Bronze Co.: See—
Love, Phil P. 2,822,222.
- Johnson, Byron M.: See—
Owren, Harvey M., Johnson, and Smith. 2,832,002.
- Johnson, Calvin D. Filing cabinets. 2,828,177, 3-25-58, Cl. 312-217.
- Johnson, Carl A. P.: See—
Schuchard, Walter F., and Johnson. 2,822,435.

- Johnson, Carl E.: *See*—
Esmay, Donald L., Fotis, and Johnson. 2,836,633.
Zubay, Geoffrey, Johnson, and Nevitt. 2,849,478.
- Johnson, Carl E. Potato harvester conveyors. 2,828,825, 4-1-58, Cl. 171-118.
- Johnson, Carl E., to National Aluminate Corp. Steam generation and compositions for inhibiting foam therein. 2,846,404, 8-5-58, Cl. 252-321.
- Johnson, Carl E. Potato harvester attachment for removing sod, sticks, stones, etc. 2,861,686, 11-25-58, Cl. 209-106.
- Johnson, Carl E., and W. J. Zimmerschied, to Standard Oil Co. Catalysts and catalytic processes. 2,839,474, 6-17-58, Cl. 252-428.
- Johnson, Carl G., to Fort Pitt Industries, Inc. Record holding mechanism. 2,826,418, 3-11-58, Cl. 274-39.
- Johnson, Carl R., to Paramount Oilless Bearing Co., Inc. Bearing. 2,827,340, 3-18-58, Cl. 308-72.
- Johnson, Carl R., to Yeomans Brothers Co. Sludge pumping assembly. 2,836,122, 5-27-58, Cl. 103-45.
- Johnson, Carl R., to F. A. Putnam Mfg. Co., Inc. Printing machine. 2,863,383, 12-9-58, Cl. 101-126.
- Johnson, Carroll W. Tooth protector. 2,857,909, 10-28-58, Cl. 128-136.
- Johnson, Cecil R. Demountable and disassembleable armrest for vehicle window sills. 2,838,340, 6-10-58, Cl. 296-49.2.
- Johnson, Charles C. Safety valve. 2,850,039, 9-2-58, Cl. 137-517.
- Johnson, Charles D.: *See*—
Sublett, Ira, and Johnson. 2,846,187.
- Johnson, Charles F., to G. A. Butler. Automatic self sealing stem. 2,842,336, 7-8-58, Cl. 251-330.
- Johnson, Charles R. Beverage coaster. 2,833,437, 5-6-58, Cl. 215-100.5.
- Johnson, Clarence R., $\frac{1}{2}$ to J. Szallar. Fountain pen. 2,823,645, 2-18-58, Cl. 120-42.03.
- Johnson, Clarence W., and J. Kriedich, to The Hedman Co. Check writing and signing machine. 2,841,076, 7-1-58, Cl. 101-91.
- Johnson, Clark E., Jr., and W. O. Pederson. Power supply. 2,859,398, 11-4-58, Cl. 321-24.
- Johnson, Claus J., to The Jeffrey Mfg. Co. Conveyer apparatus. 2,843,255, 7-15-58, Cl. 198-220.
- Johnson, Clifford N. Writing instrument. 2,854,950, 10-7-58, Cl. 120-14.9.
- Johnson, Corydon M., to Johnson Research Corp. Cable tightener. 2,822,199, 2-4-58, Cl. 287-60.
- Johnson, Curtis R. A., and A. E. Paschakis, to Leeds and Northrup Co. Chart-drive mechanism for a strip-chart recorder. 2,845,232, 7-29-58, Cl. 242-67.2.
- Johnson, David B., and L. N. Knutson. Safe deposit receptacle. 2,819,692, 1-14-58, Cl. 109-50.
- Johnson, David R., D. C. Muessel, and J. M. Roehm, to Kawneer Co. Door. 2,833,004, 5-6-58, Cl. 20-91.
- Johnson, Donald C. and D. L. Angle determinator and bisector. 2,866,270, 12-30-58, Cl. 33-91.
- Johnson, Donald D.: *See*—
Haanstra, John W., Stevens, Noyes, and Johnson. 2,866,179.
- Johnson, Donald L. Fish migration apparatus for high dams. 2,860,488, 11-18-58, Cl. 61-21.
- Johnson, Douglas L.: *See*—
Johnson, Donald C. and D. L. 2,866,270.
- Johnson, Earl B. Automatic drinking fountain. 2,836,151, 5-27-58, Cl. 119-81.
- Johnson, Edward D., to E. I. du Pont de Nemours and Co. Separation of linear polyethylene. 2,857,369, 10-21-58, Cl. 260-94.9.
- Johnson, Edward G., and A. M. Caton, to Globe Industries, Inc. Direct current motor. 2,842,692, 7-8-58, Cl. 310-239.
- Johnson, Edward O.: *See*—
Webster, William M., Jr., Johnson, and Malter. 2,846,605.
- Johnson, Edward O., and K. J. Hernqvist, to Radio Corp. of America. Millimeter wave generator. 2,843,732, 7-15-58, Cl. 250-17.
- Johnson, Edward R.: *See*—
Strawhorn, Gordon C., and Johnson. 2,854,800.
- Johnson, Edward T. Receptacle. 2,864,530, 12-16-58, Cl. 220-97.
- Johnson, Edward W.: *See*—
Palmer, Michel C., Johnson, and Davis. 2,859,720.
- Johnson, Edwin W., to Westinghouse Electric Corp. Control apparatus. 2,849,658, 8-26-58, Cl. 315-344.
- Johnson, Eldon A., to ACF Industries, Inc. Pump diaphragm mounting. 2,826,153, 3-11-58, Cl. 103-150.
- Johnson, Eldon A., and J. M. White., to ACF Industries, Inc. Fuel pump diaphragm assembly. 2,840,003, 6-24-58, Cl. 103-150.
- Johnson, Eldon A., and D. R. Compton, to ACF Industries, Inc. Diaphragm perforating and clamping means. 2,856,680, 10-21-58, Cl. 29-432.
- Johnson, Eleanor D.: *See*—
Johnson, Ervin G. 2,831,164.
Johnson, Ervin G. 2,835,863.
- Johnson Electronics, Inc.: *See*—
Clark, Joseph C. 2,839,634.
- Johnson, Ellis. Gravel separator and scrubber. 2,836,299, 5-27-58, Cl. 209-270.
- Johnson, Ellis. Steering and banking mechanism for a vehicle. 2,852,268, 9-16-58, Cl. 280-95.
- Johnson, Emmett W. Prostate gland massager. 2,863,445, 12-9-58, Cl. 128-24.2.
- Johnson, Ernest H.: *See*—
Havens, Eugene V., and Johnson. 2,848,269.
- Johnson, Ernest W.: *See*—
Weinberg, Elliott L., and Johnson. 2,832,750.
Weinberg, Elliott L., and Johnson. 2,832,752.
- Johnson, Ervin G., to E. D. Johnson. Transformer apparatus. 2,831,164, 4-15-58, Cl. 324-127.
- Johnson, Ervin G., to E. D. Johnson. Electromagnetic valve apparatus. 2,835,863, 5-20-58, Cl. 321-38.
- Johnson, F. Helmer, to Rockford Drop Forge Co. Mismatch gauge. 2,842,856, 7-15-58, Cl. 33-172.
- Johnson Fare Box Co.: *See*—
Chicoine, Gordon E., Gunn, Mahoney, and John. 2,842,876.
- Johnson, Francis M., to United States of America, Air Force. Explosive/mechanical, single mount bomb rack. 2,832,632, 4-29-58, Cl. 294-83.
- Johnson, Francis M., to United States of America, Air Force. Wing tank rack explosive bolt assembly. 2,852,299, 9-16-58, Cl. 294-83.
- Johnson, Francis M., to United States of America, Air Force. Chaff dispenser. 2,859,896, 11-11-58, Cl. 221-112.
- Johnson, Francis M., and W. V. Greenhough, to Rolls-Royce Ltd. Combustion equipment for gas turbines with hot gas extraction and mixing means. 2,830,439, 4-15-58, Cl. 60-39.74.
- Johnson, Frank E., Jr. Clamping device for electric wires. 2,864,071, 12-9-58, Cl. 339-109.
- Johnson, Frank F., to Schlumberger Well Surveying Corp. Apparatus for investigating earth formations. 2,852,696, 9-16-58, Cl. 250-83.6.
- Johnson, Frederick O.: *See*—
Hotten, Bruce W., and Johnson. 2,837,480.
Hotten, Bruce W., and Johnson. 2,837,481.
- Johnson, Frederick W., and J. V. Peters, to Collins Radio Co. Ratio changing shaft coupling. 2,828,635, 4-1-58, Cl. 74-95.
- Johnson, Frederick W., and H. W. Lehman, to Collins Radio Co. Inductance coil shorting system. 2,866,954, 12-30-58, Cl. 336-144.
- Johnson, Frithiof V., to General Electric Co. Gun sighting mechanism having gyroscopically controlled transparent mirror. 2,859,655, 11-11-58, Cl. 88-2.4.
- Johnson Gage Development Co.: *The: See*—
Johnson, Paul W. 2,826,821.
Johnson, Paul W. 2,842,862.
Johnson, Paul W. 2,849,804.
Johnson, Paul W. 2,854,754.
Johnson, Stanley G. 2,833,049.
Johnson, Stanley G. 2,842,861.
- Johnson, George F., to Corn Products Refining Co. Container transferring means. 2,854,125, 9-30-58, Cl. 198-104.
- Johnson, Gordon, Equipment Co.: *See*—
Zebarth, Ralph S. 2,818,600.
Zebarth, Ralph S. 2,830,318.
Zebarth, Ralph S. 2,830,694.
Zebarth, Ralph S. 2,837,265.
Zebarth, Ralph S. 2,851,723.
Zebarth, Ralph S. 2,855,094.
Zebarth, Ralph S. 2,859,471.
- Johnson, Gordon W.: *See*—
Wesslund, Robert E., Mader, and Johnson. 2,861,260.
- Johnson, Gustav J. Adjustable scaffold for ceiling board. 2,846,085, 8-5-58, Cl. 214-1.
- Johnson, Harold A.: *See*—
Sasserson, Curtis F., and Johnson. 2,840,337.
Sasserson, Curtis F., and Johnson. 2,861,708.
- Johnson, Harold D., E. W. Babcock, and J. F. Mouglin, to Philco Corp. One-way clutch. 2,823,779, 2-18-58, Cl. 192-105.
- Johnson, Harold D., and R. S. Blough, to Philco Corp. Washing machines. 2,836,993, 6-3-58, Cl. 74-665.
- Johnson, Harold E. Porosimeter. 2,829,515, 4-8-58, Cl. 73-38.
- Johnson, Harry B. Back plate and harness for aqua-lung. 2,864,361, 12-16-58, Cl. 128-142.
- Johnson, Harry H. Foundry sand additive. 2,848,338, 8-19-58, Cl. 106-38.2.
- Johnson, Harry J.: *See*—
Ebbesen, Gerald K., and Johnson. 2,840,826.
- Johnson, Harry V. and N. J., to Union Carbide Corp. Furnace-electrode joint. 2,828,162, 3-25-58, Cl. 287-127.
- Johnson, Harry V. and N. J., to Union Carbide Corp. Pitch cartridge for electrode joint. 2,836,294, 5-27-58, Cl. 206-84.
- Johnson-Hartmann: *See*—
Heintzelman, Leo A. 2,846,527.
- Johnson, Harvie J.: *See*—
Belke, William E., and Johnson. 2,820,005.
- Johnson, Henry G. Image registering apparatus for photo-composing machines. 2,825,142, 3-4-58, Cl. 33-184.5.
- Johnson, Herbert B., to The Quaker Oats Co. Electrostatic separation method. 2,839,189, 6-17-58, Cl. 209-127.
- Johnson, Herbert C.: *See*—
Christian, Raymond A., Ganger, and Johnson. 2,851,218.
- Johnson, Herbert L.: *See*—
Ferris, Seymour W., and Johnson. 2,837,553.
- Johnson, Herbert L., and S. J. Hetzel, to Sun Oil Co. Emulsion polymerization of butadiene compounds. 2,846,420, 8-5-58, Cl. 260-82.1.
- Johnson, Horace R., to Hughes Aircraft Co. Frequency sweep circuit for microwave oscillators. 2,820,901, 1-21-58, Cl. 250-36.

- Johnson, Howard, Electrostatics & Electronics, Inc.: See—
Johnson, Howard R. 2,825,332.
- Johnson, Howard R., to Howard Johnson Electrostatics & Electronics, Inc. Hypodermic syringe with magnetically actuated piston and needle. 2,825,332, 3-4-58, Cl. 128—173.
- Johnson, Howard R., and J. E. Boyer, to Lukens Steel Co. Ultrasonic coupling for welding rod. 2,824,950, 2-25-58, Cl. 219—130.
- Johnson, Hoyt Q. Article handling apparatus. 2,833,317, 5-6-58, Cl. 141—270.
- Johnson, Hugo C. Combination fireplace and furnace. 2,832,332, 4-29-58, Cl. 126—121.
- Johnson, Inc.: See—
Lisota, Edward. 2,863,673.
- Johnson, Ivor: See—
Barnish, Leonard S., Baines, Johnson, and Bottomley. 2,820,541.
- Johnson, Jalmer F. Hypodermic syringe injector. 2,859,749, 11-11-58, Cl. 128—218.
- Johnson, James A. Foundation footer digging device. 2,863,233, 12-9-58, Cl. 37—117.5.
- Johnson, James E., to The National Cash Register Co. Dampening means. 2,826,094, 3-11-58, Cl. 74—572.
- Johnson, James R. Support and control of a color box assembly in printing apparatus. 2,821,913, 2-4-58, Cl. 101—178.
- Johnson, James R. Support means for a heavy cylinder and the like. 2,824,514, 2-25-58, Cl. 101—178.
- Johnson, Jess A. Fishing plug casting device. 2,864,197, 12-16-58, Cl. 43—19.
- Johnson, Jesse W., to Perfect Circle Corp. Ring loading fixture. 2,856,678, 10-21-58, Cl. 29—222.
- Johnson, Joel R., G. W. Mattson, and J. H. Tomlin, to Western Electric Co., Inc. Apparatus for folding and assembling wiper pads in metal clips. 2,839,821, 6-24-58, Cl. 29—235.
- Johnson, John. Conveyor attachment for harvester platforms. 2,832,187, 4-29-58, Cl. 56—207.
- Johnson, John. Combine beater cylinder. 2,860,644, 11-18-58, Cl. 130—22.
- Johnson, John. Cement applicator and spreader. 2,864,108, 12-16-58, Cl. 15—135.
- Johnson, John A., to ACF Industries, Inc. Shock absorbing device. 2,859,032, 11-4-58, Cl. 267—1.
- Johnson, John C., to American Radiator & Standard Sanitary Corp. Dust collectors. 2,847,087, 8-12-58, Cl. 183—80.
- Johnson, John E. Apparatus for cleaning paint brushes. 2,832,156, 4-29-58, Cl. 34—58.
- Johnson, John F. Gambrel. 2,830,840, 4-15-58, Cl. 294—79.
- Johnson, John F., to Esso Research and Engineering Co. Preparation of pure aluminum alkyls. 2,863,896, 12-9-58, Cl. 260—448.
- Johnson, John G.: See—
Giertz, Robert W., Edman, and Johnson. 2,851,938.
- Johnson, John H., to Monsanto Chemical Co. Manufacture of low molecular weight olefin/maleic anhydride copolymers. 2,857,365, 10-21-58, Cl. 260—78.5.
- Johnson, John H., and J. E. Fields, to Monsanto Chemical Co. Polyphosphonates. 2,844,618, 7-22-58, Cl. 260—461.
- Johnson, John H., and J. E. Fields, to Monsanto Chemical Co. Sized nylon yarns and method for producing same. 2,854,357, 9-30-58, Cl. 117—138.8.
- Johnson, John L., to Westinghouse Electric Corp. Keying circuit. 2,824,959, 2-25-58, Cl. 250—27.
- Johnson, John M. Portable manually operable automobile body and fender shape restoring tool. 2,836,220, 5-27-58, Cl. 153—39.
- Johnson, John M. Hand operated pole climbing aid. 2,842,300, 7-8-58, Cl. 227—24.
- Johnson, John P. Structural movement warning device. 2,819,359, 1-7-58, Cl. 200—52.
- Johnson, John P., to Blue Ridge Glass Corp. Folding display device. 2,835,383, 5-20-58, Cl. 206—82.
- Johnson & Johnson: See—
Ashton, William H., and Masci. 2,854,974.
Bergstedt, Milton A. 2,852,421.
Billings, Orman B., and Brickman. 2,842,121.
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Blackford, Benjamin B., and Gross. 2,862,846.
Castelli, Charles. 2,829,682.
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George, William L. 2,839,355.
Glasson, Roy A. 2,859,478.
Knapp, Donald R. 2,829,648.
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Metzler, Charles L., and Wark. 2,834,507.
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Schladermundt, Peter, and Dennerlein. 2,823,673.
Sellers, John C. 2,866,771.
Sellers, John C. 2,866,772.
Sellers, John C. 2,866,775.
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Zackheim, Eli A. 2,860,773.
- Johnson, Joseph A.: See—
Probst, Delbert C., and Johnson. 2,856,983.
- Johnson, Joseph F.: See—
Veitch, Albert H., and Johnson. 2,862,997.
- Johnson, Joseph F., to General Electric Co. Electric circuit breaker. 2,863,963, 12-9-58, Cl. 200—67.
- Johnson, Joyce L., A. Booth, and E. Messmer, to Interchemical Corp. Oil in water emulsion textile printing paste and preparation. 2,865,871, 12-23-58, Cl. 260—15.
- Johnson, Julian W. Method for mobilizing the sacro-iliac. 2,818,854, 1-7-58, Cl. 128—69.
- Johnson, Kalin S., to Holley Carburetor Co. Ignition circuit. 2,852,589, 9-16-58, Cl. 123—148.
- Johnson, Kenneth L., and D. H. Page, to British Insulated Callender's Cables Ltd. Apparatus for measuring high degrees of dryness. 2,836,057, 5-27-58, Cl. 73—29.
- Johnson, Kenneth J. Edge and center finder. 2,860,418, 11-18-58, Cl. 33—172.
- Johnson, Kenneth O., to General Motors Corp. Dual engine support. 2,828,607, 4-1-58, Cl. 60—39.31.
- Johnson, Kenneth R., to Bartelt Engineering Co. Infusion package. 2,852,359, 9-16-58, Cl. 99—77.1.
- Johnson, Kenneth W. Vibration isolator. 2,830,807, 4-15-58, Cl. 267—1.
- Johnson, Kinnie M. Diaper wringers. 2,852,925, 9-23-58, Cl. 68—244.
- Johnson, Lawrence. Illuminated warning signal or sign. 2,848,829, 8-26-58, Cl. 40—129.
- Johnson, Lawrence N. Boat trailer. 2,856,091, 10-14-58, Cl. 214—506.
- Johnson, Leighton W., and A. Jonas. Gang sawmill. 2,862,532, 12-2-58, Cl. 143—60.
- Johnson, Leonard H., to Consolidated Electrodynamics Corp. Linkage system. 2,857,770, 10-28-58, Cl. 74—210.
- Johnson, Leonard L., to The Aero Equipment Corp. Power operated ratchet wrench. 2,842,995, 7-15-58, Cl. 81—61.
- Johnson, Leopold J., to Seigler Corp. Frequency control apparatus for alternators. 2,854,617, 9-30-58, Cl. 322—32.
- Johnson, Leslie V.: See—
Dowden, Dennis A., Johnson, and Vincent. 2,835,637.
- Johnson, Leslie W.: See—
Oehler, William P., and Johnson. 2,855,875.
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- Johnson, Lloyd A., D. A. Christensen, and A. D. Martin, to Federal-Mogul-Bower Bearings, Inc. Seals. 2,823,051, 2-11-58, Cl. 286—6.
- Johnson, Lloyd A., D. A. Christensen, and A. D. Martin, to Federal-Mogul-Bower Bearings, Inc. Pressure equalizing cover for journal boxes. 2,837,355, 6-3-58, Cl. 286—6.
- Johnson, Lloyd E.: See—
Denison, Henry W., and Johnson. 2,828,088.
Denison, Henry W., Johnson, and Denison. 2,862,679.
- Johnson, Lloyd L. Stock feed dispensing apparatus. 2,822,957, 2-11-58, Cl. 222—176.
- Johnson, Louis W. Vibrating apparatus for handling loose material. 2,860,783, 11-18-58, Cl. 209—366.5.
- Johnson, Lowell E., and C. L. Hiatt, to United States of America, Navy. Synchronizing system. 2,845,489, 7-29-58, Cl. 178—53.
- Johnson, Major A.: See—
Kuhn, Donald H., and Johnson. 2,858,435.
- Johnson Mfg. Co.: See—
Arneman, Arthur D., and Edwards. 2,864,413.
- Johnson, Mensal L., deceased; M. O. Lamb, executrix, assor. to herself individually. Device for integrating heat-absorbing capacity. 2,836,695, 5-27-58, Cl. 219—20.
- Johnson, Mensal L., deceased; M. O. Lamb, executrix of the estate of said Johnson, to M. O. Lamb. Compensating fuel demand meter. 2,841,982, 7-8-58, Cl. 73—339.
- Johnson, Miles C.: See—
Goodwin, William V., and Johnson. 2,837,643.
- Johnson, Miles C., and R. F. Ahrens, to United States of America, Air Force. Moving target cancellation circuit. 2,853,702, 9-23-58, Cl. 343—7.7.
- Johnson, Milton E., to Falconer Metal Specialties Co., Inc. Method of manufacturing a combined bearing and operative member. 2,858,602, 11-4-58, Cl. 29—413.
- Johnson, Nancy H., and C. H. Coney, to Eastman Kodak Co. Cellulosic coatings for vinyl copolymers. 2,856,306, 10-14-58, Cl. 106—184.
- Johnson, Neal J.: See—
Johnson, Harry V., and N. J. 2,828,162.
Johnson, Harry V., and N. J. 2,836,294.
- Johnson, Norman E., $\frac{1}{2}$ to O. M. Johnson. Abrading wheels with undercut relief grooves. 2,837,878, 6-10-58, Cl. 51—206.
- Johnson, Norman G., G. A. Noddin, and M. E. Swanson, to E. I. du Pont de Nemours and Co. Device for seismic prospecting. 2,823,609, 2-18-58, Cl. 102—27.
- Johnson, O. K.: See—
Bruner, Mates A. 2,856,714.
- Johnson, Olaf, to Fibreboard Paper Products Corp. Self-locking carrier for cans or like containers. 2,857,048, 10-21-58, Cl. 206—65.
- Johnson, Oliver, and K. Nozaki, to Shell Development Co. Platinum catalyst and preparation thereof. 2,834,740, 5-13-58, Cl. 252—466.
- Johnson, Oliver M.: See—
Johnson, Norman E. 2,837,878.
- Johnson, Otho W., and G. J. Ganovski, to United States of America, Army. Dummy fuze. 2,849,956, 9-2-58, Cl. 102—70.

- Johnson, Otto E.: *See*—
Evans, Arthur G., and Johnson. 2,830,516.
- Johnson, Paul, to The Thew Shovel Co. Hydraulic compensating master cylinder. 2,847,827, 8-19-58, Cl. 60—546.
- Johnson, Paul B.: *See*—
Boyden, Robert W., Johnson, and Christoff. 2,833,466.
Morphis, Jehu, and Johnson. 2,828,625.
- Johnson, Paul K., to E. I. du Pont de Nemours and Co. Aqueous latex containing copolymers of chloroprene of 2,3-dichloro-1,3-butadiene and vinyl toluene. 2,852,481, 9-16-58, Cl. 260—29.7.
- Johnson, Paul W., to The Johnson Gage Development Co. Gage stud and gage. 2,826,821, 3-18-58, Cl. 33—199.
- Johnson, Paul W. Driving center. 2,827,817, 3-25-58, Cl. 82—40.
- Johnson, Paul W., to The Johnson Gage Development Co. Lead testing gage for threads and a lead testing roll. 2,842,862, 7-15-58, Cl. 33—199.
- Johnson, Paul W., to The Johnson Gage Development Co. Thread gage having gaging rolls with setting surfaces. 2,849,804, 9-2-58, Cl. 33—199.
- Johnson, Paul W., to The Johnson Gage Development Co. Roll gage with test part carrier. 2,854,754, 10-7-58, Cl. 33—143.
- Johnson, Peter D.: *See*—
Williams, Ferd E., and Johnson. 2,859,369.
- Johnson, Philip H., to The Sudan Gezira Board. Removing the outer skin from bark containing fibres. 2,835,928, 5-27-58, Cl. 19—31.
- Johnson, Phyllis M. Safety harness for children. 2,863,450, 12-9-58, Cl. 128—134.
- Johnson Products, Inc.: *See*—
Humphreys, John W. Re. 24,506.
Humphreys, John W. 2,845,053.
- Johnson, Quinton C., to North American Aviation, Inc. Turret installation with ammunition feed mechanism. 2,842,031, 7-8-58, Cl. 89—37.5.
- Johnson, Quinton C., to United States of America, Air Force. Rocket launching system. 2,845,004, 7-29-58, Cl. 89—1.7.
- Johnson, Ralph E.: *See*—
Birdwhistell, Ralph K., Johnson, and Quill. 2,862,575.
- Johnson, Ralph E., to The Singer Mfg. Co. Means facilitating the control and operation of ornamental stitch sewing machines. 2,848,963, 8-26-58, Cl. 112—158.
- Johnson, Ralph E., to The Singer Mfg. Co. Rotary hooks for sewing machines. 2,853,035, 9-23-58, Cl. 112—181.
- Johnson, Ralph E., to The Singer Mfg. Co. Ornamental stitch attachments for sewing machines. 2,853,966, 9-30-58, Cl. 112—160.
- Johnson, Ralph E., to The Singer Mfg. Co. Sewing needle clamps. 2,855,880, 10-14-58, Cl. 112—226.
- Johnson, Ralph E., to The Singer Mfg. Co. Ornamental stitch sewing machines. 2,862,468, 12-2-58, Cl. 112—153.
- Johnson, Ralph H., to General Motors Corp. Piston. 2,837,384, 6-3-58, Cl. 309—10.
- Johnson, Ralph H., to General Motors Corp. Piston ring. 2,848,288, 8-19-58, Cl. 309—24.
- Johnson, Ralph M. W.: *See*—
McKenna, Quentin C., Johnson, and Woodbury. 2,853,601.
- Johnson, Ralph S., to General Motors Corp. Engine balancing means. 2,838,937, 6-17-58, Cl. 74—604.
- Johnson, Randall W., to A. C. Green, doing business as A and A Fence Co. Supports or anchors for vertical columns or the like. 2,826,281, 3-11-58, Cl. 189—30.5.
- Johnson, Raymond H. Process for welding metallic sandwich structure. 2,820,882, 1-21-58, Cl. 219—117.
- Johnson, Raymond M., $\frac{1}{2}$ to L. B. Stearns. Apparatus for making hollow frankfurters. 2,822,571, 2-11-58, Cl. 17—39.
- Johnson, Reginald F.: *See*—
Baumgarten, Werner, and Johnson. 2,834,710.
- Johnson Research Corp.: *See*—
Johnson, Corydon M. 2,822,199.
- Johnson, Reuben A., to Yawman and Erbe Mfg. Co. Locking and controlling arrangement for desk drawers and the like. 2,827,353, 3-18-58, Cl. 312—221.
- Johnson, Reynold B., to International Business Machines Corp. Stepping relay accumulator. 2,819,016, 1-7-58, Cl. 235—61.
- Johnson, Reynold B., to International Business Machines Corp. Selenium rectifier and method of making such rectifier. 2,832,014, 4-22-58, Cl. 317—234.
- Johnson, Reynold B., to International Business Machines Corp. Accumulating device. 2,833,472, 5-6-58, Cl. 235—61.6.
- Johnson, Reynold B., and P. L. Pecchenino, to International Business Machines Corp. Positioning mechanism in selective type printing machine. 2,824,513, 2-25-58, Cl. 101—93.
- Johnson, Reynold B., and F. G. Wolff, to International Business Machines Corp. Wire printer mechanism. 2,841,077, 7-1-58, Cl. 101—93.
- Johnson, Reynold B., J. M. Harker, D. W. Kean, and J. J. Lynott, to International Business Machines Corp. Data recording machine. 2,857,032, 10-21-58, Cl. 197—1.
- Johnson, Richard C., to The Powell Pressed Steel Co. Material handling stand and box therefor. 2,865,535, 12-23-58, Cl. 222—166.
- Johnson, Richard W. Split-shot sinker setting tool with pivoted jaw and magazine. 2,844,980, 7-29-58, Cl. 81—15.
- Johnson, Robert A., and H. W. Ohlhaber, to White Cap Co. Container inverting machine. 2,865,411, 12-23-58, Cl. 141—92.
- Johnson, Robert C.: *See*—
Funderburk, George O., Johnson, and Smith. 2,833,722.
Lutz, Mac W., Wolfe, and Johnson. 2,844,006.
- Johnson, Robert C., to Standard Railway Equipment Mfg. Co. Railroad grade crossing. 2,854,194, 9-30-58, Cl. 238—8.
- Johnson, Robert F. Demountable building. 2,820,990, 1-28-58, Cl. 20—2.
- Johnson, Robert R., to Hughes Aircraft Co. Binary-coded flip-flop counters. 2,853,238, 9-23-58, Cl. 235—92.
- Johnson, Robert R., and G. A. Walters, to Textron Inc. Modulation system. 2,830,272, 4-8-58, Cl. 332—59.
- Johnson, Robert T.: *See*—
Barta, Anthony J., Simmons, Hunter, and Johnson. 2,825,587.
- Johnson, Robert V.: *See*—
Murdoch, Colin D., and Johnson. 2,835,549.
- Johnson, Robert W.: *See*—
Firth, John W., Johnson, and Welsh. 2,857,283.
- Johnson, Rodney W., and M. H. Larson, to The Ralph M. Parsons Co. Miss distance indicator. 2,866,192, 12-23-58, Cl. 343—12.
- Johnson, Roland: *See*—
Needham, Edward R., and Johnson. 2,823,575.
Needham, Edward R., and Johnson. 2,823,576.
- Johnson, Ross H. Ladder step platform. 2,827,336, 3-18-58, Cl. 304—31.5.
- Johnson, Roy W., and W. A. Biermann, to Controls Co. of America. Thermostatic control. 2,822,985, 2-11-58, Cl. 236—99.
- Johnson, Roy W., Jr., to Spencer Rubber Products Co. Lamp socket unit. 2,860,233, 11-11-58, Cl. 240—7.1.
- Johnson Rubber Co., The: *See*—
Farmwald, John A., and Miller. 2,846,002.
Johnson, Smith M., and Farmwald. 2,846,003.
- Johnson, S. C. & Son, Inc.: *See*—
Brown, Lester H. Re. 24,583.
Geen, Henry C., and Quist. 2,839,482.
Greenlee, Sylvan O. 2,847,393.
Greenlee, Sylvan O. 2,847,394.
Greenlee, Sylvan O. 2,850,475.
Greenlee, Sylvan O. 2,852,477.
Maynard, Robert N. 2,839,024.
- Johnson, Sam H., Jr.: *See*—
Hagemeyer, Hugh J., Jr., and Johnson. 2,865,819.
- Johnson, Sam J., and D. A. Brosseau, to Vapor Heating Corp. Apparatus for butt welding glass capillary tubes. 2,854,793, 10-7-58, Cl. 49—1.
- Johnson, Sam N. Earth bit. 2,857,140, 10-21-58, Cl. 255—61.
- Johnson, Samuel L. Worm box. 2,849,828, 9-2-58, Cl. 43—55.
- Johnson Service Co.: *See*—
Otto, Carl A. 2,820,434.
Otto, Carl A. 2,846,983.
- Johnson, Shirley. Line tension-weight scale. 2,860,508, 11-18-58, Cl. 73—144.
- Johnson, Sidney P.: *See*—
Browning, Harold, and Johnson. 2,857,175.
- Johnson, Sidney P. Stress-indicating fastener. 2,824,481, 2-25-58, Cl. 85—62.
- Johnson, Smith M., and J. A. Farmwald, to The Johnson Rubber Co. Machine for cutting strips of rubber or the like. 2,846,003, 8-5-58, Cl. 164—48.
- Johnson, Stanley G., to The Johnson Gage Development Co. Contractible plug gage with axis of pivot within gage surface boundaries. 2,838,049, 5-6-58, Cl. 33—178.
- Johnson, Stanley G., to The Johnson Gage Development Co. Comparator contractible plug gage. 2,842,861, 7-15-58, Cl. 33—199.
- Johnson, Stanley R. Stamp dispenser. 2,847,118, 8-12-58, Cl. 206—39.
- Johnson, Steve: *See*—
Brunckhorst, Oscar E. 2,854,180.
- Johnson, Stuart E., to Carrier Corp. Absorption refrigeration systems. 2,847,832, 8-19-58, Cl. 62—101.
- Johnston Testers, Inc.: *See*—
Long, Thomas L. 2,859,697.
- Johnson, Theodore F., to The American Laundry Machinery Co. Filtration and solvent separating system. 2,828,862, 4-1-58, Cl. 210—82.
- Johnson, Theodore T.: *See*—
McFall, Russell W., and Johnson. 2,866,191.
- Johnson, Theodore W., to Deere Mfg. Co. Multiple-sectioned farm implement. 2,828,680, 4-1-58, Cl. 97—235.
- Johnson, Theresa M. Garment hanger cover. 2,841,316, 7-1-58, Cl. 223—98.
- Johnson, Tom R. Chemical cooling garment and fabric. 2,855,758, 10-14-58, Cl. 62—4.
- Johnson, Thomas D.: *See*—
Thomas, Albert G., and Johnson. 2,837,670.
- Johnson, Thomas H.: *See*—
Spiller, William R., and Johnson. 2,821,131.
- Johnson, Thomas H. Microwave-registering of projectile position and velocity in guns. 2,824,284, 2-18-58, Cl. 324—70.
- Johnson, Thomas H. Opening and closure device. 2,858,961, 11-4-58, Cl. 222—81.
- Johnson, Thomas J., Jr., to Gilfillan Bros., Inc. Fast-acting sampling circuit. 2,840,707, 6-24-58, Cl. 250—27.
- Johnson, Victor C. Universal tool holder. 2,833,546, 5-6-58, Cl. 279—51.

- Johnson, Virgil R.: *See*—
Rice, James H., and Johnson. 2,860,599.
Johnson, Virginia S. Wire forms for brassieres. 2,851,037, 9-9-58, Cl. 128-471.
Johnson, Wallace C.: *See*—
Vistain, James E., Jr., and Johnson. 2,823,639.
Johnson, Wallace J. S., to Up-Right, Inc. Adjustable scaffold. 2,843,430, 7-15-58, Cl. 304-29.
Johnson, Walter C.: *See*—
Brinster, John F., and Johnson. 2,861,202.
Johnson, Walter C., and J. G. Tryon, to Bell Telephone Laboratories, Inc. Digital to analog converter. 2,827,233, 3-18-58, Cl. 235-61.
Johnson, Walter F., to American Smelting and Refining Co. Removal of hydrocarbons from sulfur dioxide gases. 2,834,430, 5-13-58, Cl. 183-114.2.
Johnson, Walter H. Steering mechanism for toys. 2,862,332, 12-2-58, Cl. 46-213.
Johnson, Walter T. Pin dispensing device. 2,862,644, 12-2-58, Cl. 221-268.
Johnson, Warren C., to Westinghouse Electric Corp. Method of manufacturing grid electrodes. 2,853,104, 9-23-58, Cl. 140-71.5.
Johnson, Warren C., and R. W. Anderson, to Westinghouse Electric Corp. Electrode structure and method for electronic tubes. 2,849,638, 8-26-58, Cl. 313-257.
Johnson, Wayne R., to J. T. Mullin. Phasing system for multiple track recording. 2,828,478, 3-25-58, Cl. 340-174.
Johnson, Wayne R., to Minnesota Mining and Mfg. Co. Single channel multiplex for wideband reproduction. 2,836,650, 5-27-58, Cl. 178-6.6.
Johnson, Wayne R., to Minnesota Mining and Mfg. Co. Method of recording and reproducing wide-band signals. 2,836,651, 5-27-58, Cl. 178-6.6.
Johnson, Wayne R., to Minnesota Mining & Mfg. Co. Phase correction for multiple track recordings. 2,842,756, 7-8-58, Cl. 340-174.
Johnson, Wayne R., to Minnesota Mining & Mfg. Co. Playback system for recorded television images. 2,845,484, 7-29-58, Cl. 178-6.6.
Johnson, Werner E. Barn cleaner chain. 2,853,887, 9-30-58, Cl. 74-250.
Johnson, Wesley O.: *See*—
Frater, George G., and Johnson. 2,823,821.
Johnson, Wesley T., Jr.: *See*—
Godfrey, Charles E., and Johnson. 2,837,033.
Johnson, William C., to E. I. du Pont de Nemours and Co. Corrosion inhibiting coating composition and substrates coated therewith. 2,858,285, 10-28-58, Cl. 260-22.
Johnson, William G.: *See*—
Castleton, Robert J., and Johnson. 2,850,070.
Johnson, William G., and W. H. Reedy, Jr., to E. I. du Pont de Nemours and Co. Nitrosation process. 2,844,630, 7-22-58, Cl. 260-566.
Johnson, William H. Lighting fixture. 2,855,502, 10-7-58, Cl. 240-73.
Johnson, William K., to Monsanto Chemical Co. Biological toxicants comprising hexahalobicycloheptenols and esters thereof. 2,841,484, 7-1-58, Cl. 71-2.3.
Johnson, William K., and T. L. Patton, to Monsanto Chemical Co. Hexahalobicycloheptenediols and derivatives thereof. 2,841,485, 7-1-58, Cl. 71-2.3.
Johnson, William L., to The Abrasive Co. of America. Apparatus for preparing abrasive articles. 2,857,879, 10-28-58, Cl. 118-623.
Johnson, William S., and R. E. Ireland, to Wisconsin Alumni Research Foundation. Synthesis of estrone intermediates. 2,842,559, 7-8-58, Cl. 260-345.8.
Johnson, William S., A. D. Kemp, and R. Pappo, to Wisconsin Alumni Research Foundation. Steroid intermediates. 2,847,457, 8-12-58, Cl. 260-488.
Johnson, William V., and T. A. Banning, Jr. Automatic timing station selectors for radio and television reception, and the like. 2,825,020, 2-25-58, Cl. 318-467.
Johnson, Willie L., III: *See*—
Bain, William R., Ifoeltje, Johnson, and Wheatley. 2,857,182.
Johnson, Wynsel J., to Greenlee Bros. & Co. Machine for sharpening rotary cutters. 2,819,564, 1-14-58, Cl. 51-123.
Johnston, Arthur A. Concentrator for minerals. 2,822,090, 2-4-58, Cl. 209-481.
Johnston, Arthur M. Pulse indicator. 2,828,734, 4-1-58, Cl. 128-205.
Johnston, Christian W., and R. A. Meara, to National Distillers and Chemical Corp. Resin compositions plasticized with dialky esters of a mixture of diacids. 2,839,485, 6-17-58, Cl. 260-31.8.
Johnston, Christian W., and R. A. Meara, to National Distillers and Chemical Corp. Ester products. 2,839,571, 6-17-58, Cl. 260-485.
Johnston, Christian W., and R. A. Meara, to National Distillers and Chemical Corp. Polyesters and laminates therefrom. 2,861,910, 11-25-58, Cl. 154-43.
Johnston, Dewey S. Metal trim for windows, and the like. 2,851,742, 9-16-58, Cl. 20-11.
Johnston, Donald C., to Minneapolis-Honeywell Regulator Co. Liquid level sensing apparatus. 2,824,278, 2-18-58, Cl. 323-69.
Johnston, Donald L., and W. A. Wooldridge, to General Electric Co. High voltage bushing. 2,859,269, 11-4-58, Cl. 174-12.
Johnston, Donald L., and W. A. Wooldridge, to General Electric Co. High voltage bushing. 2,859,271, 11-4-58, Cl. 174-31.
Johnston, Douglas, to John Blue Co., Inc. Method and system for transferring a pressurized normally-gaseous liquid. 2,854,826, 10-7-58, Cl. 62-55.
Johnston, Douglas, to John Blue Co., Inc. Piston seal. 2,857,221, 10-21-58, Cl. 309-33.
Johnston, Dwight A. Fluid cylinder structure. 2,849,263, 8-26-58, Cl. 309-2.
Johnston, Edward J.: *See*—
Carlson, Ernest C., Johnston, and Henningsen. 2,861,415.
Johnston, Eli S. Hammer holder. 2,835,944, 5-27-58, Cl. 24-3.
Johnston, Frank E. Razor blade sharpener. 2,857,718, 10-28-58, Cl. 51-161.
Johnston, Henry E.: *See*—
Reed, Wilbur B., and Johnston. 2,863,953.
Johnston, Herbert N., B. G. Brand, and W. B. Lincoln, Jr., to Inland Container Corp. (Indiana). Wiltproofing paper and method of corrugating. 2,840,138, 6-24-58, Cl. 154-33.05.
Johnston, Herrick L.: *See*—
Altman, Howard W., and Johnston. 2,864,527.
Johnston, Herrick L., to Herrick L. Johnston, Inc. Method and apparatus for storing liquefied gases. 2,863,297, 12-9-58, Cl. 62-45.
Johnston, Herrick L., and C. L. Newton, to Herrick L. Johnston, Inc. Apparatus for dispensing gas from a container of liquefied gas. 2,842,942, 7-15-58, Cl. 62-1.
Johnston, Herrick L., Inc.: *See*—
Altman, Howard W., and Johnston. 2,864,527.
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White, Leslie E. 2,831,325.
Yeager, Marvin L. 2,863,539.
Johnston, James E.: *See*—
Polanyi, Michael L., Robins, Johnston, and Brown. 2,850,239.
Johnston, James H. Method of arc-melting titanium. 2,819,158, 1-7-58, Cl. 75-10.
Johnston, James H. Method of arc welding titanium. 2,819,883, 1-7-58, Cl. 219-118.
Johnston, Joseph L.: *See*—
Argenta, Henry J., and Johnston. 2,838,430.
Johnston, Loyal L., to Herman Pneumatic Machine Co. Molding apparatus. 2,854,710, 10-7-58, Cl. 22-16.
Johnston, Loyal L., to Herman Pneumatic Machine Co. Centrifugal casting apparatus and method. 2,857,639, 10-28-58, Cl. 22-65.
Johnston, Mordica O., W. F. Bettis, and F. E. O'Neill, to Johnston Testers, Inc. Bypass well packer. 2,819,762, 1-14-58, Cl. 166-130.
Johnston, Mordica O., and E. W. Bagnell, to Johnston Testers, Inc. Device to prevent plastic end flow of packers. 2,850,101, 9-2-58, Cl. 166-204.
Johnston, Ralph H., to R. C. Allen Business Machines, Inc. Gyroscope damping structure and method of making. 2,852,941, 9-23-58, Cl. 74-5.5.
Johnston, Robert F., to Adalra Ltd. Reading and punching device. 2,857,969, 10-28-58, Cl. 164-90.
Johnston, Robert F., to National Research Council. Type actuating means in high speed printers. 2,858,536, 10-28-58, Cl. 101-93.
Johnston, Robert G., and K. E. V. Spencer, to T. & H. Smith, Ltd. New quaternary salts. 2,828,312, 3-25-58, Cl. 260-292.
Johnston, Samuel S., to National Steel Corp. Electroplating. 2,825,681, 3-4-58, Cl. 204-28.
Johnston, Spencer G.: *See*—
Farrand, William A., Kilpatrick, and Johnston. 2,846,517.
Johnston Testers, Inc.: *See*—
Ansie, William K. 2,854,082.
Bagnell, Edgar W. 2,829,441.
Johnston, Mordica O., and Bagnell. 2,850,101.
Johnston, Mordica O., Bettis, and O'Neill. 2,819,762.
Moosman, Jack A. 2,821,766.
Moosman, Jack A. 2,849,907.
Moosman, Jack A. 2,851,912.
Moosman, Jack A. 2,863,511.
O'Neill, Frank E. 2,826,254.
Johnston, Thomas P.: *See*—
Beauchamp, Robert O., Jr., and Johnston. 2,861,091.
Johnston, Walter G.: *See*—
Chapman, James E., and Johnston. 2,843,021.
Johnston, William D. Agitating device. 2,838,007, 6-10-58, Cl. 103-53.
Johnstone, Ben B.: *See*—
Clemens, John E., and Johnstone. 2,829,025.
Clemens, John E., and Johnstone. 2,859,377.
Johnstone, Charles A.: *See*—
Meekins, Marvin H., Baller, and Johnstone. 2,831,399.
Johnstone, Charles W.: *See*—
Boyer, Keith, and Johnstone. 2,862,105.
Johnstone, Charles W., to the United States of America as represented by the United States Atomic Energy Commission. Pulse height analyzer. 2,820,895, 1-21-58, Cl. 250-27.

- Johnstone, Charles W., to United States of America, Atomic Energy Commission. Pulse amplifier. 2,839,619, 6-17-58, Cl. 179-171.
- Johnstone, Cyrus E. Electric coffee cup. 2,863,037, 12-2-58, Cl. 219-43.
- Johnstone, David M. Thermo-electric generator. 2,863,074, 12-2-58, Cl. 310-4.
- Johnstone, John H., Jr., to Bendix Aviation Corp. Motor control circuit. 2,853,670, 9-23-58, Cl. 318-357.
- Johnstone, Theodore H., to Houdaille Industries, Inc. Hood latch. 2,846,253, 8-5-58, Cl. 292-25.
- Joiner, Edgar E., Jr., to United Shoe Machinery Corp. Machine for turning wood heel blanks. 2,821,219, 1-28-58, Cl. 144-145.
- Joiner, Edgar E., Jr., to United Shoe Machinery Corp. Machines for use in the manufacture of wedge heels. 2,822,007, 2-4-58, Cl. 144-134.
- Joiner, Edgar E., Jr., to United Shoe Machinery Corp. Container lifting and emptying apparatus. 2,822,113, 2-4-58, Cl. 222-165.
- Joiner, Edgar E., Jr., to United Shoe Machinery Corp. Wood heel turning machines. 2,833,322, 5-6-58, Cl. 144-143.
- Jokilehto, Wayne J.: *See*—
Coleman, Robert H., Blanchard, and Jokilehto. 2,856,343.
- Jokubonis, John: *See*—
Cook, Bates C., and Jokubonis. 2,833,446.
Cook, Bates C., and Jokubonis. 2,844,865.
Cook, Bates C., and Jokubonis. 2,866,576.
- Jolfre, René C. Diaphragm type acoustic screen. 2,831,234, 7-1-58, Cl. 181-31.
- Joliet, Joseph V.: *See*—
Obarski, Richard W., Pittinger, and Joliet. 2,833,318.
- Jolliffe, Charles B., to Radio Corp. of America. Subscription color television system. 2,857,455, 10-21-58, Cl. 178-5.1.
- Jolly, Jean: *See*—
Joly, Robert, Nomine, and Jolly. 2,849,463.
Warnant, Julien, Joly, Mathieu, and Velluz. 2,842,544.
- Jolly, Oscar W.: *See*—
Freeman, Ellsworth J. 2,847,746.
- Jolly, Samuel E.: *See*—
Jezl, James L., and Jolly. 2,832,715.
- Jolly, Samuel E., to Sun Oil Co. Lithium greases containing naphthényl diesters. 2,824,065, 2-18-58, Cl. 252-42.
- Jolly, Samuel E., to Sun Oil Co. Rodent repellent methods and compositions employing naphthényl amines. 2,832,714, 4-29-58, Cl. 167-32.
- Joly, Robert, G. Nomine, and J. Jolly, to Les Laboratoires Français de Chimiothérapie. Process of making 3,20-disemicarbazone of cortisone acetate. 2,849,463, 8-26-58, Cl. 260-397.45.
- Jonach, Frederick L., to Esso Research and Engineering Co. Odor stabilization of sulfur-containing organic materials. 2,861,063, 11-18-58, Cl. 260-139.
- Jonach, Frederick L., and J. E. Hickok, to Esso Research and Engineering Co. Gasoline fuel. 2,825,637, 3-4-58, Cl. 44-63.
- Jonas, August: *See*—
Johnson, Leighton W., and Jonas. 2,862,532.
- Jonas, Frank E.: *See*—
Buzas, André, Dufour, and Roy. 2,827,418.
Buzas, André, Dufour, and Roy. 2,827,465.
- Jonas, Heinz, and W. Thraum, to Farbenfabriken Bayer Akt. Production of neutral esters of orthophosphoric acid. 2,844,617, 7-22-58, Cl. 260-461.
- Jonas, John J.: *See*—
Shaw, Joseph C., and Jonas. 2,856,327.
- Jonassen, Jorgen W. Compressor. 2,860,828, 11-18-58, Cl. 230-138.
- Jonell Mfg. Corp.: *See*—
Trautz, Richard. 2,830,434.
- Jones, A. Raymond. Pneumatic packer. 2,851,111, 9-9-58, Cl. 166-187.
- Jones, Addis T., to Thomas Hoist Co. Device for erecting elevator towers. 2,857,026, 10-21-58, Cl. 189-13.
- Jones, Alan R. Scanning instruments. 2,825,261, 3-4-58, Cl. 88-14.
- Jones, Alvin J., to Landis Tool Co. Feed mechanism. 2,849,843, 9-2-58, Cl. 51-165.
- Jones, Alvin J., to Landis Tool Co. Feed and backlash mechanism. 2,864,207, 12-16-58, Cl. 51-165.
- Jones, Andrew J.: *See*—
Miles, Mearl J., and Jones. 2,840,392.
- Jones, Arthur F., to The General Electric Co. Ltd. Telephone subscribers apparatus. 2,858,371, 10-28-58, Cl. 179-81.
- Jones, Arthur L., to The Standard Oil Co. Thermal diffusion apparatus and method. 2,827,173, 3-18-58, Cl. 210-72.
- Jones, Barton. Air relay. 2,838,067, 6-10-58, Cl. 137-620.
- Jones, Barton. Motion transmitting mechanism for air transmitters. 2,842,148, 7-8-58, Cl. 137-85.
- Jones, Basil E.: *See*—
Norby, Harold L., and Jones. 2,843,059.
- Jones, Basil E. Tobacco curer. 2,841,381, 7-1-58, Cl. 263-19.
- Jones, Benjamin F., and K. R. Durst, to The B. F. Goodrich Co. Expander tube brake structure. 2,845,146, 7-29-58, Cl. 188-78.
- Jones Boat Yard and Storage Basin: *See*—
Young, Jack. 2,820,244.
- Jones, Catesby P.: *See*—
Compton, Jack, and Jones. 2,840,446.
- Jones, Cecil B., $\frac{1}{2}$ to J. A. Smith. Combined drag and cultivator. 2,843,032, 7-15-58, Cl. 97-9.
- Jones, Charles D., to Siemon Mfg. Co. Nozzle for gas burners. 2,854,068, 9-30-58, Cl. 158-113.
- Jones, Charles E.: *See*—
Crowle, William G., and Jones. 2,853,935.
- Jones, Charles E., to Jones, Tate & Co., Ltd. Torque limiting clutches. 2,858,919, 11-4-58, Cl. 192-85.
- Jones, Charles E., and W. G. Crowle, to Manning Mfg. Co. Roller skate having unitary plastic body. 2,841,405, 7-1-58, Cl. 280-112.6.
- Jones, Charles E., and W. G. Crowle, to Manning Mfg. Corp. Wheel assembly. 2,863,701, 12-9-58, Cl. 301-5.7.
- Jones, Charles H.: *See*—
Kruper, Andrew P., and Jones. 2,862,141.
Kruper, Andrew P., Roberts, Kuntz, and Jones. 2,840,738.
- Jones, Charles H., to Westinghouse Electric Corp. Four parameter TV receivers. 2,821,569, 1-28-58, Cl. 178-5.4.
- Jones, Charles H., to Westinghouse Electric Corp. Color receiver. 2,863,939, 12-9-58, Cl. 178-5.4.
- Jones, Charles L., to Westinghouse Electric Corp. Visible-blade arc-extinguishing disconnecting switch. 2,824,934, 2-25-58, Cl. 200-144.
- Jones, Clara E.: *See*—
Young, Jack. 2,820,244.
- Jones, Clarence S., and T. E. Eaton, to the United States of America as represented by the United States Atomic Energy Commission. Negative gate generator. 2,822,472, 2-4-58, Cl. 250-27.
- Jones, Claude A., Jr., G. M. Bethurum, and G. B. Mohr. Pie packaging machine. 2,864,221, 12-16-58, Cl. 53-372.
- Jones, Clayton. Attachment clip for wall siding members. 2,818,948, 1-7-58, Cl. 189-88.
- Jones, Clifton H.: *See*—
Sage, Richard W., and Jones. 2,861,946.
- Jones, Corwin S., to Webster Mfg., Inc. Automatic actuating mechanism for capacity control gates and the like. 2,840,225, 6-24-58, Cl. 198-54.
- Jones, Corwin S., to Webster Mfg., Inc. Automatic control gate actuating mechanism for underbunker coal conveyor systems and the like. 2,840,226, 6-24-58, Cl. 198-54.
- Jones, D. David: *See*—
Brien, Huron C., and Jones. 2,826,200.
- Jones, Dan H. Combination comb and clipper cleaner. 2,837,755, 6-10-58, Cl. 15-106.
- Jones, Darlene M. High chair attachment. 2,827,953, 3-25-58, Cl. 155-188.
- Jones, David C. R., and H. R. Gregory, to Coal Industry (Patents) Ltd. Manufacture of coal briquettes. 2,860,957, 11-18-58, Cl. 44-10.
- Jones, David E. Device for mounting antenna mast or the like. 2,831,339, 4-22-58, Cl. 72-101.
- Jones, David G., to Delapena & Son Ltd. High frequency electric induction heating systems. 2,856,498, 10-14-58, Cl. 219-10.75.
- Jones, David G., to Delapena & Son Ltd. Apparatus for heat treating toothed articles by high frequency induction heating. 2,857,154, 10-21-58, Cl. 266-4.
- Jones, David W.: *See*—
Ayer, Robert W., Stafford, and Jones. 2,827,911.
- Jones, Donald D., 50% to R. E. Patterson, Jr. Combination rail dolly and turntable. 2,852,119, 9-16-58, Cl. 193-42.
- Jones, Donald K.: *See*—
Steinmayer, Alvin G., and Jones. 2,824,916.
- Jones, Dwight E., to E. D. Jones & Sons Co. Bladed bodies. 2,862,424, 12-2-58, Cl. 92-27.
- Jones, E. D., and Sons Co.: *See*—
Cumpston, Edward H., Jr. 2,824,500.
- Jones, Dwight E. 2,862,424.
- Jones, Earl P., to Gate City Sash and Door Co. Awning window structure. 2,819,065, 1-7-58, Cl. 268-23.
- Jones, Ebb K. Chairs for reinforcing rods for concrete. 2,848,888, 8-26-58, Cl. 72-122.
- Jones, Edmund A., to Ortho Pharmaceutical Corp. Single dose applicator. 2,847,011, 8-12-58, Cl. 128-261.
- Jones, Edward M., to The Baldwin Piano Co. Electronic synchronizing system for producing pitch discs and the like. 2,839,960, 6-24-58, Cl. 84-1.8.
- Jones, Edward T., Jr., to Celanese Corp. of America. Reel type apparatus for the liquid treatment of yarn. 2,859,605, 11-11-58, Cl. 68-205.
- Jones, Edward W.: *See*—
Jones, Gordon A., and E. W. 2,834,307.
- Jones, Edwin K., and D. D. Dettner, to Universal Oil Products Co. Manufacture of isopropyl benzene by alkylation. 2,860,173, 11-11-58, Cl. 260-671.
- Jones, Elliott B.: *See*—
Robell, John, Steinberg, and Jones. 2,865,714.
- Jones, Emlyn, and K. E. Martin, to North American Philips Co., Inc. Circuit-arrangement producing sawtooth currents. 2,838,662, 6-10-58, Cl. 250-27.
- Jones, Emlyn, and K. E. Martin, to North American Philips Co., Inc. Television receiver. 2,846,606, 8-5-58, Cl. 313-76.
- Jones, Eric C., to Flight Refueling Inc. Electric switches and operating means therefor. 2,822,442, 2-4-58, Cl. 200-87.
- Jones, Ernest A., to Thompson Products, Inc. Attenuator. 2,820,951, 1-21-58, Cl. 333-81.
- Jones, Evan I., and L. Wood, to Imperial Chemical Industries Ltd. Process of making acrylonitrile polymer solutions. 2,851,434, 9-9-58, Cl. 260-29.6.

- Jones, Everett E., to Fairchild Engine and Airplane Corp. Electro-fluid control system for power tools. 2,830,475, 4-15-58, Cl. 77-32.2.
- Jones, Eynon, to Chas. L. Nichols, as trustee. Stabilized egg and milk product and method of preparing same. 2,848,334, 8-19-58, Cl. 99-113.
- Jones, Francis A. Siding tool. 2,823,011, 2-11-58, Cl. 254-15.
- Jones, Frank D., to Deere & Co. Corn harvester. 2,821,058, 1-28-58, Cl. 56-108.
- Jones, Frank D., to Deere & Co. Ear pick-up attachment for a corn harvester. 2,843,992, 7-22-58, Cl. 56-104.
- Jones, Frank D., to Deere & Co. Husker having ear holding pockets. 2,845,932, 8-5-58, Cl. 130-5.
- Jones, Frank H. Clamp. 2,822,144, 2-4-58, Cl. 248-361.
- Jones, Frederic C.: See—
Dahl, Einar S., and Jones. 2,851,026.
- Jones, Frederick A., W. Cooper, D. O. Bowen, and W. A. Griffiths, to Dunlop Rubber Co. Ltd. Composition comprising a polyester-diisocyanate reaction product and an alkyl acid phosphate and process of preparation. 2,836,575, 5-27-58, Cl. 260-30.6.
- Jones, Frederick M., to Thermo King Corp. Control device for internal combustion engine. 2,850,001, 9-2-58, Cl. 123-179.
- Jones, Frederick R.: See—
Hall, Richard E., and Jones. 2,859,294.
- Jones, Garfield C. Ski binding. 2,831,696, 4-22-58, Cl. 280-11.35.
- Jones, George A. Head holder. 2,831,458, 4-22-58, Cl. 119-98.
- Jones, George H., $\frac{1}{2}$ to A. E. Jones. Means for magnetically separating solid magnetic particles from a fluid current. 2,834,470, 5-13-58, Cl. 210-222.
- Jones, George T.: See—
Diener, James H., and Jones. 2,851,118.
- Jones, George W. Means for oxygenating blood. 2,827,901, 3-25-57, Cl. 128-214.
- Jones, Gerald W., to The Maytag Co. Timer. 2,825,772, 3-4-58, Cl. 200-37.
- Jones, Gerald W., to The Maytag Co. Switch assembly. 2,832,851, 4-29-58, Cl. 200-6.
- Jones, Giffin D., to The Dow Chemical Co. Treatment of acrylamide polymers. 2,831,841, 4-22-58, Cl. 260-89.7.
- Jones, Glenn M., to Vickers Inc. Power transmission. 2,829,599, 4-8-58, Cl. 103-42.
- Jones, Gomer W., to National Utilities Corp. Hose clamp for thin wall tubes. 2,852,832, 9-23-58, Cl. 24-279.
- Jones, Gordon A. and E. W. Machine for providing divided flexible structures. 2,834,307, 5-13-58, Cl. 112-2.
- Jones, Grandville R., to Sperry Rand Corp. Steering systems for marine craft. 2,841,754, 7-1-58, Cl. 318-489.
- Jones Graphic Products Co.: See—
Brown, Clarence A. 2,830,899.
- Jones, Guy W. Removable tubular guard for guarding choke means of oil well Christmas trees. 2,855,048, 10-7-58, Cl. 166-91.
- Jones, Harry W.: See—
Beasley, William A., Holmes, and Jones. 2,824,657.
Beasley, William A., and Jones. 2,828,032.
- Jones, Harry W., to Dempster Brothers, Inc. Retractable boom rest for containers. 2,832,483, 4-29-58, Cl. 214-77.
- Jones, Harry W., to Dempster Brothers, Inc. Transporting equipment for vehicles. 2,852,148, 9-16-58, Cl. 214-77.
- Jones, Harry W., to Dempster Bros., Inc. Closure sealing means for sump-type containers. 2,853,204, 9-23-58, Cl. 220-32.
- Jones, Harry W., and J. A. Close, to Dempster Brothers, Inc. Mechanically lifted refuse can. 2,855,243, 10-7-58, Cl. 298-2.
- Jones, Hugh H.: See—
Mulvaney, Loyola I., and Jones. 2,837,001.
- Jones, Hugh H., and F. E. Davidson, Jr. Flange lubricant. 2,863,833, 12-9-58, Cl. 252-27.
- Jones, Ira M.: See—
Horsting, William F., Sr. 2,837,032.
Lindow, Carl W. 2,824,009.
- Jones, James B., to Aeroprojects, Inc. Apparatus for generating ultrasonic energy of high intensity. 2,855,526, 10-7-58, Cl. 310-8.5.
- Jones, James B., A. L. Fuchs, Jr., and W. R. Bailey, to Aeroprojects, Inc. Ultrasonic brazing unit. 2,833,238, 5-6-58, Cl. 113-59.
- Jones, James B., and J. L. Straughn, to Aeroprojects, Inc. Communion method. 2,862,242, 12-2-58, Cl. 18-47.3.
- Jones, James D. Apparatus for plotting a course. 2,826,476, 3-11-58, Cl. 346-8.
- Jones, James D. Porous media. 2,826,505, 3-11-58, Cl. 106-40.
- Jones, James P.: See—
Gibbons, Walter G., Jones, Messner, and Weiss. 2,824,042.
- Jones, James R.: See—
Clark, Sheldon L., and Jones. 2,858,339.
Clark, Sheldon L., and Jones. 2,858,340.
- Jones, James R., to Olin Mathieson Chemical Corp. Stabilization of sulfur trioxide. 2,858,190, 10-28-58, Cl. 23-174.
- Jones, James T. Dispenser incorporating air-exhaust means for use with semi-fluid materials. 2,818,998, 1-7-58, Cl. 222-179.
- Jones, Jean E.: See—
Chechak, Jonas J., and Jones. 2,848,329.
- Jones, Jean E., to Eastman Kodak Co. Supersensitizing combinations comprising meso-substituted carbocyanine dyes and metal salts. 2,819,964, 1-14-58, Cl. 96-104.
- Jones, Jean E., to Eastman Kodak Co. Inorganic salt antifogants for photographic emulsions. 2,839,405, 6-17-58, Cl. 96-107.
- Jones, Jean E., to Eastman Kodak Co. Supersensitizing combinations comprising meso-substituted carbocyanine dyes and polyvalent metal salts. 2,843,490, 7-15-58, Cl. 96-104.
- Jones, Jean E., to Eastman Kodak Co. Supersensitization of photographic emulsions. 2,852,385, 9-16-58, Cl. 96-104.
- Jones, Jean E., to Eastman Kodak Co. Supersensitization of photographic silver halide emulsions. 2,856,285, 10-14-58, Cl. 96-104.
- Jones, Jean E., to Eastman Kodak Co. Supersensitization of photographic silver halide emulsions. 2,860,981, 11-18-58, Cl. 96-104.
- Jones, Jean E., to Eastman Kodak Co. Supersensitization of photographic silver halide emulsions. 2,860,982, 11-18-58, Cl. 96-104.
- Jones, Jean E., to Eastman Kodak Co. Photographic emulsions containing polymethine dyes and ketone compounds. 2,860,983, 11-18-58, Cl. 96-104.
- Jones, Jean E., to Eastman Kodak Co. Supersensitized photographic emulsions containing polymethine dyes and ketones. 2,860,984, 11-18-58, Cl. 96-104.
- Jones, Jean F., to Phillips Petroleum Co. Separation process and apparatus. 2,822,249, 2-4-58, Cl. 23-310.
- Jones, Jennings H.: See—
Fenske, Merrell R., and Jones. 2,858,331.
Kittleston, Allen R., Arundale, Jones, and Fenske. Re. 24,485.
- Jones, John D.: See—
En Dean, Howard J., Jones, and Topanelian. 2,834,113.
- Jones, John E.: See—
Renie, Jack J., Jones, and Henderson. 2,842,983.
- Jones, John F.: See—
Butterfield, John P., Walter, Winkelmann, and Jones. 2,860,528.
- Jones, John F., to The B. F. Goodrich Co. Alpha-beta unsaturated dicarboxylic acid-vinyl alkyl ether copolymers stabilized with a water soluble thioamide. 2,864,803, 12-16-58, Cl. 260-45.8.
- Jones, John H., Sr., to S. H. Jones. Fluid control valve. 2,857,172, 10-21-58, Cl. 280-124.
- Jones, John L., to Rand Development Corp. Scroll pump. 2,841,089, 7-1-58, Cl. 103-131.
- Jones, John P.: See—
Doering, Fred W., Jones, and Morison. 2,839,954.
- Jones, John P., to Burroughs Corp. Magnetic core assembly. 2,823,360, 2-11-58, Cl. 336-65.
- Jones, John P., to Burroughs Corp. Magnetic core mounting assembly. 2,823,371, 2-11-58, Cl. 340-174.
- Jones, John P., to Burroughs Corp. Magnetic core mounting assembly. 2,823,372, 2-11-58, Cl. 340-174.
- Jones, John P., to Burroughs Corp. Magnetic core current driver. 2,825,047, 2-25-58, Cl. 340-174.
- Jones, John P. Sheet folding machine. 2,853,293, 9-23-58, Cl. 270-79.
- Jones, John P., Jr., to Burroughs Corp. Driving circuits for static magnetic elements. 2,819,395, 1-7-58, Cl. 250-27.
- Jones, John P., Jr., to Navigation Computer Corp. Transistor binary comparator. 2,831,987, 4-22-58, Cl. 307-88.5.
- Jones, John P., Jr., to Navigation Computer Corp. Stabilized signal translating circuits. 2,866,017, 12-23-58, Cl. 179-171.
- Jones, John S.: See—
Davies, David O., Jones, and Oulianoff. 2,840,986.
- Jones, John T., to V. P. Grecco, and D. Agresta. Wax polishing device. 2,855,620, 10-14-58, Cl. 15-138.
- Jones, Joseph E., to S. M. Lawson, Jr. Portable floor construction. 2,836,862, 6-3-58, Cl. 20-6.
- Jones, Kenneth L.: See—
Drees, Joseph M., and Jones. 2,836,370.
- Jones and Lamson Machine Co.: See—
Flanders, Ernest V. Re. 24,448.
- Osgood, John H. 2,845,589.
- Jones & Laughlin Steel Corp.: See—
Allison, Carl F., Dreher, and Trathowen. 2,845,332.
Manka, Dan P. 2,831,754.
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- Jones, Lloyd E., to Industrial Brush Co. Brush construction. 2,855,618, 10-14-58, Cl. 15-106.
- Jones, Lloyd R.: See—
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- Jones, Lloyd R., and D. E. Taylor; said Jones assor. to Dictaphone Corp. Dictation system. 2,820,852, 1-21-58, Cl. 179-100.1.
- Jones, Lloyd R., R. E. Freund, and F. H. Palmer, Jr., to Dictaphone Corp. Remote dictation system. 2,846,506, 8-5-58, Cl. 179-6.
- Jones, Lloyd T. Game. 2,863,664, 12-9-58, Cl. 273-1.
- Jones, Louis F. Electric cable connector with soldered joints. 2,845,516, 7-29-58, Cl. 219-19.
- Jones, Loyd W., to Pan American Petroleum Corp. Solidified corrosion inhibitor. 2,833,712, 5-6-58, Cl. 252-8.55.

- Jones, Loyd W., to Pan American Petroleum Corp. Water dispersible corrosion inhibitor. 2,839,465, 6-17-58, Cl. 252-8.55.
- Jones, Loyd W., to Pan American Petroleum Corp. Method of inhibiting corrosion of metal surfaces. 2,840,525, 6-24-58, Cl. 252-8.55.
- Jones, Loyd W., to Pan American Petroleum Corp. Corrosion inhibitor. 2,840,584, 6-24-58, Cl. 260-404.5
- Jones, Lucille P. Wheeled stretcher. 2,834,030, 5-13-58, Cl. 5-81.
- Jones, Mack C. Calorimetric wattmeter. 2,848,683, 8-19-58, Cl. 324-92.
- Jones, Martin E. Spinning ratchet reel. 2,843,333, 7-15-58, Cl. 242-84.2.
- Jones, Marvin R., to Cameron Iron Works, Inc. Blowout preventer and ram therefor. 2,855,172, 10-7-58, Cl. 251-2.
- Jones, Maurice H., to Leo M. Harvey and L., trading as The Harmac Co. Tying machines for packages and the like. 2,862,442, 12-2-58, Cl. 100-27.
- Jones, Maurice W. Movable blotter and means for supporting the blotter in engagement with a movable meter chart. 2,860,029, 11-11-58, Cl. 346-146.
- Jones, Melvin F. Molding apparatus for flower pots. 2,844,857, 7-29-58, Cl. 25-22.
- Jones, Melvin H.: *See*—
- Brown, William F., Jr., and Jones. 2,837,915.
- Brown, William F., Jr., and Jones. 2,866,882.
- Jones, Michael G.: *See*—
- Russell, Arthur O., and Jones. 2,834,395.
- Jones, Montgomery O., to G. T. Smith, C. Wortham, Jr., and F. L. Williams. Card cutting device. 2,847,759, 8-19-58, Cl. 30-229.
- Jones, Morton E., to Texas Instruments Inc. Semiconductor unit and method of making same. 2,845,374, 7-29-58, Cl. 148-1.5.
- Jones, Morton E., and W. A. Adcock, to Texas Instruments Inc. Crown junction type transistors and method of making same. 2,845,372, 7-29-58, Cl. 148-1.5.
- Jones, Morton E., E. D. Jackson, and R. F. Stewart, to Texas Instruments Inc. Crown junction transistors. 2,866,140, 12-23-58, Cl. 317-235.
- Jones, Newton D.: *See*—
- Watson, Robert P., and Jones. 2,859,371.
- Jones, Norval E.: *See*—
- Richard, William R., Jr., and Jones. 2,856,395.
- Jones, Park: *See*—
- Cochran, Maurice E. 2,864,330.
- Jones, Patrick G.: *See*—
- Oughton, John F., Jones, and Hamlet. 2,855,414.
- Walker, Thomas, Jones, and Hamlet. 2,831,874.
- Walker, Thomas, Jones, and Hamlet. 2,848,463.
- Jones, Patrick L. F.: *See*—
- Towns, Victor W. H., Evans, and Jones. 2,853,664.
- Jones, Ralph E. Zipper slider. 2,855,652, 10-14-58, Cl. 24-205.15.
- Jones, Reuben G., to Eli Lilly and Co. Acylated keto esters and keto nitriles. 2,864,852, 12-16-58, Cl. 260-465.4.
- Jones, Richard L.: *See*—
- Ficlden, Richard J., Homer, and Jones. 2,823,987.
- Jones, Richard M., and D. L. Robinson, Jr. Lunch box with heating unit. 2,839,654, 6-17-58, Cl. 219-35.
- Jones, Robert C.: *See*—
- Bergstrom, Roland F., Trowbridge, and Jones. 2,820,010.
- Jones, Robert C., to Polaroid Corp. Synchronous stereoscopic motion picture projection system. 2,843,005, 7-15-58, Cl. 88-16.6.
- Jones, Robert C., and W. A. Shurcliff, to Polaroid Corp. Synchronization tester for related motion picture frames. 2,854,883, 10-7-58, Cl. 88-14.
- Jones, Robert J.: *See*—
- Kircher, Charles E., Jr., and Jones. 2,862,622.
- Jones, Robert J., to The Distillers Co. Ltd. Cutting tools incorporating safety devices. 2,835,288, 5-20-58, Cl. 143-159.
- Jones, Robert J., R. H. B. Matthews, and J. E. F. Perry, to The Distillers Co. Ltd. Cutting tools incorporating safety devices. 2,835,287, 5-20-58, Cl. 143-159.
- Jones, Robert L., to General Motors Corp. Vehicle window well bottom drainage and sealing valve. 2,826,448, 3-11-58, Cl. 296-44.
- Jones, Robert M., to Admiral Corp. Electrical delay line. 2,842,746, 7-8-58, Cl. 333-29.
- Jones, Robert M., to Admiral Corp. Temperature-compensated electric pulse encoding device. 2,854,658, 9-30-58, Cl. 340-354.
- Jones, Robert R., and S. Kowalshyn, to United States of America, Navy. Dynamic braking of capacitor motor. 2,837,708, 6-3-58, Cl. 318-210.
- Jones, Rodney V.: *See*—
- Pearce, Louis W. H., and Jones. 2,819,919.
- Jones, Roy W., to General Dynamics Corp. Group alarm communication circuit. 2,832,836, 4-29-58, Cl. 179-51.
- Jones, Roy W., to General Telephone Laboratories, Inc. Multi-exchange relay automatic telephone system. 2,851,535, 9-9-58, Cl. 179-18.
- Jones, Roy W., and W. W. Pharis, to General Dynamics Corp. Signaling means for telecommunication systems. 2,832,833, 4-29-58, Cl. 179-17.
- Jones, Rufus V.: *See*—
- Scott, Johnny N., and Jones. 2,834,742.
- Jones, Rufus V., to Phillips Petroleum Co. Compositions comprising hydrogenated conjugated diene polymers and poly-1-olefins. 2,834,751, 5-13-58, Cl. 260-45.5.
- Jones, Rufus V., to Phillips Petroleum Co. Hydrogenation catalyst. 2,852,504, 7-8-58, Cl. 252-430.
- Jones, Rufus V., to Phillips Petroleum Co. Alkenyl sulfuric acid and vinyl-pyridine rubber compounded therewith. 2,860,123, 11-11-58, Cl. 260-79.5.
- Jones, Rufus V., and P. J. Canterino, to Phillips Petroleum Co. Silicon containing addition products of partially hydrogenated rubbery polymers. 2,833,749, 5-6-58, Cl. 260-85.1.
- Jones, Rufus V., and C. W. Moberly, to Phillips Petroleum Co. Hydrogenated polybutadiene and process for producing same. 2,864,809, 12-16-58, Cl. 260-85.1.
- Jones, Sam A., and S. T. B. Keating, to Consolidated Coal Co. Grid structure for fluidized solids contacting apparatus. 2,850,808, 9-9-58, Cl. 34-57.
- Jones, Sam H.: *See*—
- Jones, John H., Sr. 2,857,172.
- Jones, Sam H., to Askania Regulator Co. Method and apparatus for controlling gravity liquid flow, and for continuous metal billet casting. 2,825,104, 3-4-58, Cl. 22-57.2.
- Jones, Samuel O., and F. V. Daly, to United States of America, Atomic Energy Commission. Inert gas shield for welding. 2,856,510, 10-14-58, Cl. 219-74.
- Jones, Shannon, and M. V. Hoffman, to General Electric Co. Fluorescent coating process. 2,824,814, 2-25-58, Cl. 117-33.5.
- Jones, Spurgeon R. Plug fuse. 2,831,945, 4-22-58, Cl. 200-115.
- Jones, Stanley B.: *See*—
- Cardwell, William T., Jr., and Jones. 2,856,536.
- Jones, Stanley B., to California Research Corp. Radioactive bore hole logging (beta ray detector). 2,857,522, 10-21-58, Cl. 250-71.
- Jones, Stephen. Fishing leader holder. 2,834,144, 5-13-58, Cl. 43-54.5.
- Jones, Sterling B., to Douglas Aircraft Co., Inc. Rattle type dimple gun with tool and work heating means. 2,843,174, 7-15-58, Cl. 153-21.
- Jones, Tate & Co., Ltd.: *See*—
- Jones, Charles E. 2,858,919.
- Jones, Thomas B. Collapsible, portable fishing rod support. 2,833,500, 5-6-58, Cl. 248-42.
- Jones, Thomas E., to Precision Welder & Machine Co. Magnetic force resistance welders of the inertia type provided with fixed air gap. 2,862,100, 11-25-58, Cl. 219-86.
- Jones, Tillman F., to The Coleman Co., Inc. Method of forming a flow conduit. 2,845,889, 8-5-58, Cl. 113-34.
- Jones, Troy L. Mop holder. 2,823,405, 2-18-58, Cl. 15-153.
- Jones, Vincent C., and D. G. Hope, to American Can Co. Napkin dispenser. 2,852,158, 9-16-58, Cl. 221-35.
- Jones, Wallace E. Nest of disposable ash trays. 2,844,247, 7-22-58, Cl. 206-56.
- Jones, Walter A.: *See*—
- James, Richard D., and Jones. 2,860,199.
- Jones, Walter A., to Northrop Aircraft, Inc. Pawl-type incremental motor. 2,851,619, 9-9-58, Cl. 310-24.
- Jones, Walter I., to United-Carr Fastener Corp. Fastening device. 2,851,756, 9-16-58, Cl. 24-208.
- Jones, Wayne A.: *See*—
- Hatcher, Albert J. 2,821,362.
- Jones, Wesley N., to Minneapolis-Honeywell Regulator Co. Temperature measuring system. 2,830,453, 4-15-58, Cl. 73-360.
- Jones, Wilbur H. Cooking apparatus. 2,846,937, 8-12-58, Cl. 99-259.
- Jones, Wilbur L.: *See*—
- Boughton, James K., and Jones. 2,826,364.
- Jones, Wilford D., H. P. Marshall, R. E. Davies, and W. D. Paist, to Celanese Corp. of America. Polyvinyl acetals. 2,862,908, 12-2-58, Cl. 260-45.95.
- Jones, William A., and G. S. Cherniak, to American Radiator & Standard Sanitary Corp. Gyroscopic flowmeter. 2,834,209, 5-13-58, Cl. 73-194.
- Jones, William B.: *See*—
- Porterfield, Fred B., and Jones. 2,821,908.
- Jones, William C., to The Dow Chemical Co. Film dispenser. 2,819,137, 1-7-58, Cl. 312-39.
- Jones, William C., and R. A. Wyatt, to The Dow Chemical Co. Dispenser apparatus. 2,819,136, 1-7-58, Cl. 312-39.
- Jones, William E., to Joseph Lucas (Industries) Ltd. Manual control system for fuel and blower pressure controlled dual fuel pumps. 2,851,857, 9-16-58, Cl. 60-39.28.
- Jones, William E., and F. A. Marovich, to Vibradamp Corp. Glass fiber spring unit and method of making same. 2,854,230, 9-30-58, Cl. 267-1.
- Jones, William H., to Canadian Footwear Research Inc. Fabrication of differentially deformable insoles. 2,862,313, 12-2-58, Cl. 36-71.
- Jones, William H., to Canadian Footwear Research Inc. Fabrication of footwear having differentially deformable insoles. 2,863,231, 12-9-58, Cl. 36-71.
- Jones, William M., to The British Petroleum Co. Ltd. Geophones. 2,842,752, 7-8-58, Cl. 340-17.
- Jones, William R., and H. C. House. Multi-rod leg supports. 2,829,937, 4-8-58, Cl. 311-109.
- Jones, William W. Swimming pool protector. 2,844,196, 7-22-58, Cl. 160-26.
- Jones, Worthington M., to the United States of America as represented by the Secretary of the Army. Molins linking machine cal. .30. 2,826,955, 3-18-58, Cl. 86-48.
- Jonke, Richard, and J. Lintner. Process for the manufacture by the electroforming method of parts and components subjected to static and thermal stresses, and particularly of moulds. 2,865,821, 12-23-58, Cl. 204-6.

- Jonker, Everhardus W.: *See*—
Wigerink, Gerrit L., and Jonker. 2,839,550.
Wigerink, Gerrit L., and Jonker. 2,839,551.
- Jonker, Frederick. Spinning tops. 2,818,676, 1-7-58, Cl. 46-70.
- Jonker, Gerard H., G. W. Van Oosterhout, and J. H. Van Santen, to North American Philips Co., Inc. Sintered electrical resistor. 2,862,891, 12-2-58, Cl. 252-519.
- Jonker, Johan L. H., and J. C. Francken, to North American Philips Co., Inc. Cathode ray tube for reproducing color television images. 2,825,845, 3-4-58, Cl. 315-13.
- Jonker, Johan L. H., and H. Groendijk, to North American Philips Co., Inc. Electric discharge tube. 2,864,026, 12-9-58, Cl. 313-293.
- Jonkers, Cornelius O., to North American Philips Co., Inc. Hot-gas reciprocating engine. 2,857,220, 10-21-58, Cl. 309-10.
- Jonnard, Raymond. Microscope interferential refractometer. 2,858,728, 11-4-58, Cl. 88-14.
- Jonson, Gustave W., to Mitchell Camera Corp. Tripod head. 2,832,556, 4-29-58, Cl. 248-183.
- Jonsson, Einar J. J. Bale presses for paper, rags, straw, peat and the like. 2,848,940, 8-26-58, Cl. 100-255.
- Jonsson, Grogor. Shrimp cleaning machine. 2,850,761, 9-9-58, Cl. 17-2.
- Jonsson, Karl E. A.: *See*—
Brundell, Per G., and Jonsson. 2,857,945.
Brundell, Per G., and Jonsson. 2,860,672.
- Joosten, Richard L., to American Can Co. Method of attaching a tearing strip key to a can wall. 2,847,340, 8-12-58, Cl. 154-129.
- Jopp, Walter, to Skrebba-Werk K. G. Staplers. 2,859,442, 11-11-58, Cl. 1-3.
- Jopp, Walter, to Skrebba-Werk K. G. Combination stapler tools. 2,859,443, 11-11-58, Cl. 1-49.
- Jordan, Archie D., to Sylvania Electric Products Inc. Testing circuit. 2,822,518, 2-4-58, Cl. 324-62.
- Jordan, Bertram L.: *See*—
Harrington, Joseph J., Jilcott, Mitchell, Jordan, and Stansfield. 2,828,030.
- Jordan, David R.: *See*—
Eldredge, Earle E., and Jordan. 2,865,994.
- Jordan, David M., to Kidde Mfg. Co., Inc. Pneumatic tourniquet cuff. 2,839,062, 6-17-58, Cl. 128-327.
- Jordan, Donald G., and L. Lazare, to American Cyanamid Co. Process for the preparation of diarylalkanes. 2,859,255, 11-4-58, Cl. 260-668.
- Jordan, Donald J., to United Aircraft Corp. Pressurized afterburner cooling shroud. 2,846,841, 8-12-58, Cl. 60-35.6.
- Jordan, Edgar J.: *See*—
Elliott, James D., Jordan, Pegnim, and Cohn. 2,844,314.
- Jordan, Edmund F., Jr., and W. S. Port, to United States of America. Agriculture. Copolymers of vinylidene chloride and long-chain alkyl acrylates. 2,843,574, 7-15-58, Cl. 260-86.3.
- Jordan, Fred F., R. J. Spielvogel, and H. W. Marx. Syphon can. 2,854,017, 9-30-58, Cl. 137-149.
- Jordan, Hans, to Given Machinery Co. Closure or stopper for drainage openings of sinks and the like. 2,847,683, 8-19-58, Cl. 4-295.
- Jordan, Hans, to Given Machinery Co. Assembly retention means for garbage grinder housing units. 2,851,224, 9-9-58, Cl. 241-100.5.
- Jordan, Hans, to Given Machinery Co. Stainless steel sink drainage sleeve with stopper and mounting means. 2,858,989, 11-4-58, Cl. 241-100.5.
- Jordan, Hans, to Given Machinery Co. Mounting sleeve and clamp means for disposal devices. 2,860,836, 11-18-58, Cl. 241-100.5.
- Jordan, Hubert F.: *See*—
Garner, Harold K., Jordan, and Smith. 2,845,404.
- Jordan, Jack L. Elevation indicator. 2,844,037, 7-22-58, Cl. 73-432.
- Jordan, James: *See*—
Jordan, James F. 2,822,258.
- Jordan, James E., $\frac{1}{4}$ to the estate of J. Jordan, deceased. Method of producing metals from their chlorides. 2,822,258, 2-4-58, Cl. 75-43.
- Jordan, John. Garment hangers. 2,859,902, 11-11-58, Cl. 223-63.
- Jordan, Kenneth C., to United States of America. Atomic Energy Commission. Thermo-electric generator. 2,844,639, 7-22-58, Cl. 134-4.
- Jordan, Lee. Utility cane for handicapped persons. 2,836,188, 5-27-58, Cl. 135-47.
- Jordan, Lloyd J.: *See*—
Asbeck, Hans J., and Jordan. 2,861,011.
- Jordan, Merrill E., to Godfrey L. Cabot, Inc. Process of pelletizing metal silicates. 2,844,444, 7-22-58, Cl. 23-313.
- Jordan, O. F., Co.: *See*—
Shipley, Calvin W. 2,833,059.
Shipley, Calvin W., and McLean. 2,853,811.
- Jordan, Richard H.: *See*—
Deming, Andrew F., Schneider, and Jordan. 2,861,265.
- Jordan, Robert O., to R & E Moulding Corp. Stop hinge with friction catch. 2,857,618, 10-28-58, Cl. 16-142.
- Jordan, Samuel C., to General Electric Co. Electric range. 2,836,697, 5-27-58, Cl. 219-35.
- Jordan, Terence B., to The Texas Co. Process for preparing alkali metal-lead soap base greases. 2,859,180, 11-4-58, Cl. 252-36.
- Jordan, Terence B., J. P. Dilworth, and R. C. Givens, to The Texas Co. Process for coating a gas filter. 2,827,395, 3-18-58, Cl. 117-98.
- Jordau, Terence B., and O. P. Puryear, to The Texas Co. Heat stable lithium-lead soap composition. 2,859,181, 11-4-58, Cl. 252-62.5.
- Jordan, Thomas E.: *See*—
Romanovsky, Cyril, and Jordan. 2,819,327.
Romanovsky, Cyril, and Jordan. 2,850,463.
Rudoff, Hyman, and Jordan. 2,820,914.
- Jordan, Thomas H. Adjustable support. 2,844,348, 7-22-58, Cl. 248-354.
- Jordan, Truman P.: *See*—
Sprouse, Verner E., and Jordan. 2,839,261.
- Jordan, William V., to C. W. and H. P. Koehler. Slide gate valves. 2,827,260, 3-18-58, Cl. 251-326.
- Jorgensen, Bernhard. Toy building sets. 2,849,832, 9-2-58, Cl. 46-26.
- Jorgensen, Clarence H., to General Motors Corp. Guide bearing. 2,835,540, 5-20-58, Cl. 308-4.
- Jorgensen, Clarence H., and D. G. Dening, to General Motors Corp. Cigar lighter. 2,828,400, 3-25-58, Cl. 219-32.
- Jorgensen, Clarence H., J. M. Barr, H. H. Dietrich, W. T. Nickel, and M. R. Rowe, to General Motors Corp. Air density fuel control for jet engine. 2,849,862, 9-2-58, Cl. 60-39.28.
- Jorgensen, Clarence H., W. T. Nickel, H. H. Dietrich, and J. M. Barr, to General Motors Corp. Automatic mechanism for controlling fuel flow to a jet engine. 2,852,913, 9-23-58, Cl. 60-39.38.
- Jorgensen, Clinton O.: *See*—
Ostergren, Ralph H., Jorgensen, and Moyers. 2,851,598.
- Jorgensen, Emanuel. Mixing valves. 2,839,247, 6-17-58, Cl. 236-12.
- Jorgensen, Gilbert A. and O. H. Headrest for use in a bathtub. 2,825,069, 3-4-58, Cl. 4-185.
- Jorgensen, Jorgen A., to The Grisco-Russell Co. Tube expander with rotary wheel engaging members. 2,835,307, 5-20-58, Cl. 153-82.
- Jorgensen, Olive H.: *See*—
Jorgensen, Gilbert A. and O. H. 2,825,069.
- Jorgensen, Oscar H. Steplessly variable ratio power transmission gear. 2,818,751, 1-7-58, Cl. 74-690.
- Jorgensen, Otto C., L. D. D'Andreano, and W. L. Brune, to General Dynamics Corp. Frequency discriminator. 2,857,517, 10-21-58, Cl. 250-31.
- Jorgensen, William H., and W. G. Tyson, to Cleereman Machine Tool Co. Control apparatus for drilling and tapping machine. 2,845,639, 8-5-58, Cl. 10-138.
- Jorgensen's, Alfred, gaeringsfysiologiske Laboratorium: *See*—
Thorne, Richard S. W. 2,865,755.
- Jorgenson, John P. Boat mooring assembly. 2,845,892, 8-5-58, Cl. 114-230.
- Jori, Margot: *See*—
Schaefer, Harald, and Jori. 2,829,947.
- Jorick, Paul, Jr., $\frac{1}{2}$ to I. Robinowitz. Illuminating electrical indicator. 2,858,631, 11-4-58, Cl. 40-130.
- Joris, George G., to United States of America, Atomic Energy Commission. Method of purifying catalysts. 2,851,427, 9-9-58, Cl. 252-411.
- Joris, George G., to Allied Chemical Corp. Process for the production of cyclohexanone. 2,857,432, 10-21-58, Cl. 260-586.
- Joris, George G., and J. Vitrone, Jr., to Allied Chemical & Dye Corp. Oxidation process for obtaining cyclohexanone oxime. 2,829,163, 4-1-58, Cl. 260-566.
- Joris, George G., and J. Vitrone, Jr., to Allied Chemical & Dye Corp. Hydrogenation of phenol. 2,829,166, 4-1-58, Cl. 260-586.
- Jorno, George P.: *See*—
Prushnok, John P., Jorno, and Yeager. 2,850,079.
- Joschko, Raymond C., to Practical Products Co. Beverage vending machine. 2,828,889, 4-1-58, Cl. 222-76.
- Jose, Robert S., to Radio Corp. of America. Pulse generator. 2,863,942, 12-9-58, Cl. 178-71.
- Joskowicz, Edmund L., to The Best Foods, Inc. Magnetic flux monitoring apparatus. 2,863,546, 12-9-58, Cl. 193-32.
- Josendal, Virgil A., and R. J. Stegemeier, to Union Oil Co. of California. Groundwater direction determination. 2,852,734, 9-16-58, Cl. 324-1.
- Joseph, Anthony B., and S. M. Ventilating apparatus. 2,828,683, 4-1-58, Cl. 98-115.
- Joseph, David. Building block laying devices. 2,818,725, 1-7-58, Cl. 72-129.
- Joseph, Henry, to H. Joseph. Shrimp sheller and deveiner. 2,819,487, 1-14-58, Cl. 17-7.
- Joseph, Henry. Shrimp sheller and deveiner. 2,857,620, 10-28-58, Cl. 17-7.
- Joseph, Horace M., P. J. Selgin, A. Soler, and C. Stansbury, to the United States of America as represented by the Secretary of Commerce. Currency counters. 2,827,167, 3-18-58, Cl. 209-111.
- Joseph, Joseph P.: *See*—
Baker, Bernard R., Joseph, and Schaub. 2,827,453.
Baker, Bernard R., Joseph, and Schaub. 2,852,505.
Kissman, Henry M., Joseph, and Baker. 2,833,810.
- Joseph, Louis, and A. J. Di Pietro. Tubing and pipe cutter. 2,865,098, 12-23-58, Cl. 30-101.
- Joseph Machine Co., Inc.: *See*—
Passaro, Frank, and Galya. 2,862,467.
- Joseph, Raymond C. License and seal holder. 2,821,035, 1-28-58, Cl. 40-10.

- Joseph, Stanley M.: *See*—
Joseph, Anthony B. and S. M. 2,828,683.
- Joseph, William D.: *See*—
Rockwell, Donald M., and Joseph. 2,824,502.
- Joseph, James, to General Shoe Corp. Shoes and heels. 2,836,906, 6-3-58, Cl. 36-34.
- Josephs, Arthur C., to Arrowhead Steel Buildings, Inc. Metal building construction. 2,858,916, 11-4-58, Cl. 189-2.
- Josephson, Myrton M. Hanger door. 2,863,181, 12-9-58, Cl. 20-16.
- Josephson, Robert H., to Clevite Corp. Fluid pressure responsive seal. 2,859,986, 11-11-58, Cl. 286-7.
- Josias, Conrad S., and E. K. Plofker, to the United States of America as represented by the Secretary of the Navy. Automatic scale-changing apparatus. 2,824,297, 2-18-58, Cl. 340-253.
- Joslyn Mfg. & Supply Co.: *See*—
Hart, Lester C. 2,849,578.
Yonkers, Edward H. 2,840,668.
Yonkers, Edward H. 2,862,080.
- Joss, Emil: *See*—
Heindel, Harold J., Groschoff, and Joss. 2,837,741.
- Jost, Johannes. Frames for transparencies. 2,832,163, 4-29-58, Cl. 40-158.
- Jost, Konrad: *See*—
Hopff, Heinrich, and Jost. 2,831,827.
- Jost Werke Josef Steinfoss G. m. b. H.: *See*—
Georgi, Theodor. 2,838,326.
- Josten, Kurt, to International Standard Electric Corp. Blocking oscillator for producing a harmonic frequency spectrum of a high output power. 2,864,955, 12-16-58, Cl. 250-36.
- Jottka Metallwarenfabrik Edgar G. Schob: *See*—
Porsche, Erich. 2,859,602.
- Joubert, Andre V. H.: *See*—
Bordenave, Paul J., Joubert, and Pascal. 2,865,196.
- Journier, Eugene, to A. D. A. M. E. L. Ateliers d'Appareils de Mesure et de Laboratoire (Societe Anonyme). Automatic controller for high temperature electric furnaces. 2,850,597, 9-2-58, Cl. 200-137.
- Jourdan Concrete Pipe Co.: *See*—
Martin, Howard W., and Gardner. 2,851,171.
- Journal Co., The: *See*—
McMullen, Joseph E. 2,866,636.
- Journey, Glen E., to Monsanto Chemical Co. Cyanoethyl ethers. 2,842,541, 7-8-58, Cl. 260-231.
- Jovanovich, D. K.: *See*—
Jovanovich, Drago K. 2,856,788.
- Jovanovich, Drago K. Convertiplane. 2,852,207, 9-16-58, Cl. 244-7.
- Jovanovich, Drago K., 53.07777% to D. K. Jovanovich, as trustee; 26.20439% to F. I. Daly, Jr., as trustee, and 20.71784% to F. J. Kozloski. Helicopter control mechanism. 2,856,788, 10-21-58, Cl. 74-469.
- Jovis, Arthur. Muffin tearing devices. 2,840,129, 6-24-58, Cl. 146-72.
- Joy, Clarence L., to Holcroft & Co. Apparatus for treating metal parts. 2,859,029, 11-4-58, Cl. 266-4.
- Joy, Ivan L. Vibration testing device. 2,851,877, 9-16-58, Cl. 73-67.8.
- Joy, Ivan L. Voltage train generating device. 2,852,676, 9-16-58, Cl. 250-36.
- Joy, Joseph F., to Joy Mfg. Co. Shaft or tunnel boring apparatus. 2,822,159, 2-4-58, Cl. 262-7.
- Joy, Joseph F., to Joy Mfg. Co. Apparatus for mine roof control. 2,826,898, 3-18-58, Cl. 61-45.
- Joy, Joseph F., to Joy Mfg. Co. Mobile base for mining machines. 2,833,531, 5-6-58, Cl. 262-1.
- Joy, Joseph F. Hydraulic motor and/or pump mechanism. 2,838,003, 6-10-58, Cl. 103-4.
- Joy, Joseph F., to Joy Mfg. Co. Method of and apparatus for forming a key-slot in a bore wall for guiding the apparatus and for inserting a flexible conductor into the slot. 2,841,376, 7-1-58, Cl. 262-7.
- Joy, Joseph F., to Joy Mfg. Co. Rotary boring head having rotary cutter wheels. 2,850,272, 9-2-58, Cl. 262-7.
- Joy, Joseph F., to Joy Mfg. Co. Method of ventilating the productive areas of a coal mine. 2,859,682, 11-11-58, Cl. 98-50.
- Joy, Joseph F., to Joy Mfg. Co. Method of mining involving four isolated sections. 2,859,953, 11-11-58, Cl. 262-1.
- Joy Mfg. Co.: *See*—
Baechli, George. 2,837,202.
Ball, Charles F. 2,831,568.
Ball, Charles F. 2,845,250.
Barrett, Arthur L. 2,832,579.
Barrett, Arthur L. 2,836,408.
Barrett, Arthur L. 2,852,127.
Barrett, Arthur L., and Hopkins. 2,823,791.
Barton, Douglas R., and Curtis. 2,845,251.
Bebinger, Charles N. 2,860,765.
Calder, Alexander W. 2,853,566.
Curtis, John C. 2,821,963.
Densmore, Neal W. 2,846,093.
Densmore, Neal W. 2,849,127.
Doperalski, Eugene J., and Kodra. 2,860,018.
Drain, James A., Gordon, and Read. 2,849,139.
Drain, James A., Read, and Gordon. 2,849,138.
Fish, Walter D. 2,853,973.
Graham, Dallas P. Re 24,479.
Joy, Joseph F. 2,822,159.
Joy, Joseph F. 2,826,898.
Joy, Joseph F. 2,833,531.
- Joy Mfg. Co.: *See*—Continued
Joy, Joseph F. 2,841,376.
Joy, Joseph F. 2,850,272.
Joy, Joseph F. 2,859,682.
Joy, Joseph F. 2,859,953.
Russell, John D. 2,832,482.
Russell, John D. 2,858,121.
Seigle, Herald D., and Ziegler. 2,856,061.
Sibley, John R. 2,826,923.
Sibley, John R. 2,858,897.
Swan, Raymond A., and Thym. 2,830,282.
Weidner, Thomas F. 2,862,372.
- Joyama, Tokio, to Takeda Pharmaceutical Industries, Ltd. Reaction of threonines with aryl nitriles in a steric inversion process. 2,846,439, 8-5-58, Cl. 260-307.
- Joyet, Eric, and H. Koch, to F. Ritter & Sohn. Cutting roller for culinary and like uses. 2,836,889, 6-3-58, Cl. 30-307.
- Joyce, Bradford T., to Electronics Corp. of America. Photocurrent amplifiers. 2,835,825, 5-20-58, Cl. 250-214.
- Joyce-Cridland Co., The: *See*—
Hott, Ion V. K. 2,844,218.
Hott, Ion V. K. 2,854,094.
Hott, Ion V. K., and Goldzwig. 2,849,084.
- Joyce, John R., to Shell Development Co. Atomizer with reduced cone angle variation. 2,829,923, 4-8-58, Cl. 299-118.
- Joyce, John R., K. R. Williams, and D. Anson, to Shell Development Co. Testing for suspended water in water-immiscible liquids. 2,844,025, 7-22-58, Cl. 73-53.
- Joyce, Lawrence A. Utility cart. 2,855,210, 10-7-58, Cl. 280-47.19.
- Joyce, Rose M., to International Minerals & Chemical Corp. Process for producing glutamine. 2,846,470, 8-5-58, Cl. 260-534.
- Joymol (Proprietary) Ltd.: *See*—
Milner, Jeremiah. 2,857,278.
- Joynes, John N. Sewer clean-out cutter. 2,818,591, 1-7-58, Cl. 15-104.3.
- Joylsen, Jack F., to Fred J. Morris Co. Inc. Manually reset time-controlled valve. 2,829,859, 4-8-58, Cl. 251-54.
- Jozwik, John C.: *See*—
Heth, Sherman C., Jozwik, and Vifot. 2,865,461.
- Jucaitis, Pranas, to International Harvester Co. Rodent repellent binder cord comprising naphthenic acid stabilized quinaldine. 2,864,727, 12-16-58, Cl. 117-138.5.
- Jucker, Ernst, A. Vogel, and E. Rissi, to Sandoz, A. G. 3,5-diketeto-pyrazolidines. 2,865,922, 12-23-58, Cl. 260-294.7.
- Juda, Walter, to Ionics, Inc. Method and apparatus for propagating algae culture. 2,854,792, 10-7-58, Cl. 47-58.
- Juda, Walter, and A. H. Hamerschlag, to Ionics, Inc. Poly-electrolytes and the method of making the same. 2,860,096, 11-11-58, Cl. 204-180.
- Juda, Walter, and A. H. Hamerschlag, to Ionics, Inc. Synthetic organic cationic poly-electrolytes and method of making the same. 2,860,097, 11-11-58, Cl. 204-180.
- Juda, Walter, and W. A. McRae, to Ionics, Inc. Method of electrodialyzing aqueous solutions. 2,863,813, 12-9-58, Cl. 204-180.
- Judd, Chester K., Jr., to The Fletcher-Terry Co. Paint scraper. 2,818,642, 1-7-58, Cl. 30-169.
- Judd, Loyd L. and R. H. Child's rotatable seat. 2,854,064, 9-30-58, Cl. 155-95.
- Judd, Nigel C. W.: *See*—
Barnard, Roy M., Girling, and Judd. 2,861,321.
- Judd, Ruth H.: *See*—
Judd, Loyd L. and R. H. 2,854,064.
- Jude, George F.: *See*—
Halpert, Percy, and Jude. 2,841,345.
- Jude, George F., and H. Miller, to Sperry Rand Corp. Aircraft automatic pilot. 2,834,562, 5-13-58, Cl. 244-77.
- Jude, George F., and P. Halpert, to Sperry Rand Corp. Aircraft having radio beam actuated automatic pilot mechanism. 2,842,324, 7-8-58, Cl. 244-77.
- Judge, Edward E., Jr., to Industrial Metal Products Corp. Cam-operated shaft straightening device. 2,827,943, 3-25-58, Cl. 153-48.
- Judge, Edward E., Sr., to Industrial Metal Products Corp. Hydraulic power feed mechanism for machine tools. 2,865,338, 12-23-58, Cl. 121-45.
- Judson, Albert L., to Iron Fireman Mfg. Co. Gyroscope erection system. 2,828,628, 4-1-58, Cl. 74-54.1.
- Judson, Charles A., and G. M. Collins, to The Birmingham Small Arms Co. Ltd. Treatment of fluids. 2,837,623, 6-3-58, Cl. 219-39.
- Judy, Robert V., to International Telephone and Telegraph Corp. Dual-switch finder combination. 2,821,573, 1-28-58, Cl. 179-18.
- Judy, Robert V., to International Telephone and Telegraph Corp. Automatic routine test apparatus. 2,835,751, 5-20-58, Cl. 179-175.2.
- Judy, Robert V., to International Telephone and Telegraph Corp. Call-distributing telephone system. 2,857,472, 10-21-58, Cl. 179-27.
- Juel, Leslie H.: *See*—
Bailey, Bruce L., and Juel. 2,862,748.
- Juengst, John H., and H. J. Emerson, to Eastman Kodak Co. Film chopping and sorting apparatus. 2,848,107, 8-19-58, Cl. 209-074.
- Juhas, Michael, to General Time Corp. Shift mechanism for time recorder. 2,832,662, 4-29-58, Cl. 346-86.
- Juhase, Walter. Portable beach shelter. 2,832,360, 4-29-58, Cl. 135-5.

- Juifls, Albert G., to Senco Products, Inc. Staple supporter to enable the piercing of metal. 2,853,707, 9-30-58, Cl. 1-40.
- Jukkola, Walfred W.: *See*—
Roberts, Elliott J., and Jukkola. 2,833,622.
- Julian, John. Fountain toothbrush. 2,836,839, 6-3-58, Cl. 15-137.
- Julian, Percy L., E. W. Meyer, I. Waller, and W. J. Karpel, deceased; by R. B. Karpel, legal representative, to The Glidden Co. Certain 16, 17-oxido-steroids of the C₂₁ series. 2,820,080, 1-14-58, Cl. 260-239.55.
- Julian, Percy L., and H. T. Iverson, to The Glidden Co. Method of preparing dispersions of vegetal phosphatide fractions. 2,849,318, 8-26-58, Cl. 99-15.
- Julien, Louis R. Vehicle lamp. 2,825,799, 3-4-58, Cl. 240-52.1.
- Jullander, Elof I., to Mo Och Domsjö Aktiebolag. Methods of treating cellulose ethers. 2,834,777, 5-13-58, Cl. 260-232.
- Julliard, Maurice. Syringes. 2,853,070, 9-23-58, Cl. 128-218.
- Jullien, Alexandra F.: *See*—
Carron, Maurice C. E., Jullien, and Preud'Homme. 2,846,469.
- Julson, Oliver M.: *See*—
Walker, Charles W. E., and Julson. 2,847,634.
- Jumer, John F. Apparatus for electropolishing interior surfaces of vessels. 2,861,937, 11-25-58, Cl. 204-212.
- Juneau, Augustin, 50% to E. Juneau. Safety device for gas burners and the like. 2,856,993, 10-21-58, Cl. 158-122.
- Juneau, Eloi: *See*—
Juneau, Augustin. 2,856,993.
- Jung, Ferdinand: *See*—
Bartha, Erich, and Jung. 2,821,841.
- Jung, Jean-Pierre: *See*—
Hindermann, Peter, Trautzi, and Jung. 2,859,221.
- Jung, Jean-Pierre, to J. R. Geigy A.-G. Complex heavy metal compounds. 2,830,981, 4-15-58, Cl. 260-147.
- Jung, Ludwig: *See*—
Buttner, Artur, Barthel, and Jung. 2,848,226.
- Jung Schleifmaschinen H. Gaub.: *See*—
Koch, Erich. 2,839,896.
- Jung, Walter: *See*—
Rinker, Wilhelm, and Jung. 2,838,840.
- Junger, Miguel C. Sound-absorbing panels. 2,840,179, 6-24-58, Cl. 181-33.
- Jungermann, Eric, to Colgate-Palmolive Co. N-higher aliphatic acyl alpha-amino aryl acetic acids and compositions therewith. 2,842,479, 7-8-58, Cl. 167-65.
- Junghans, Helmut, and L. Hartner. Electromagnetically operated clocks. 2,847,818, 8-19-58, Cl. 58-30.
- Junk, William A., Jr.: *See*—
Rylander, Paul N., and Junk. 2,840,511.
- Junk, William A., Jr., and H. S. Seelig, to Standard Oil Co. Heater oil production. 2,819,202, 1-7-58, Cl. 196-24.
- Junker, Otto, to Ajax Engineering Corp. Induction furnace. 2,852,587, 9-16-58, Cl. 13-27.
- Junkerater Gewerkschaft: *See*—
Knipp, Erwin, and Jellinghaus. 2,826,794.
- Junkermann, Wolfgang, to The Babcock & Wilcox Co. Furnace arrangement. 2,854,959, 10-7-58, Cl. 122-235.
- Junkers & Co., G. m. b. H.: *See*—
Reimers, Ernst. 2,838,102.
- Junkmann, Heinz-Josef. Filter hose cleaners. 2,861,649, 11-25-58, Cl. 183-61.
- Junkmann, Karl, J. Kathol, and H. Richter, to Schering A. G. Injectable steroid hormone preparations and method of making same. 2,840,508, 6-24-58, Cl. 167-74.
- Junsch, Rudolph: *See*—
Moreschi, James. 2,858,679.
- Juntunen, Arthur W. Pickaroon point. 2,864,643, 12-16-58, Cl. 294-61.
- Jupa, Julius A., to Minnesota Mining and Mfg. Co. Injection molding of perfluorochlorocarbon plastics. 2,834,992, 5-20-58, Cl. 18-55.
- Jupnik, Helen: *See*—
Dreyfus, Marc G., Upton, and Jupnik. 2,854,349.
- Jupnik, Helen, to American Optical Co. Infra red transmitting medium and method of making same. 2,834,689, 5-13-58, Cl. 117-33.3.
- Jurek, Raymond C. Adjustable double log dog for sawmills. 2,821,214, 1-28-58, Cl. 143-125.
- Jurgleit, Wolfgang, and E. Siggel, to Vereinigte Glanzstoff-Fabriken A.G. Process for the recovery of glycols from liquid hydrocarbons. 2,866,827, 12-30-58, Cl. 260-637.
- Jurgella, Albert A.: *See*—
Bukolt, Victor J., and Jurgella. 2,818,597.
- Jurgens, Arie H.: *See*—
Ensink, Johannes, Verhagen, Beijnink, Van Rossum, and Jurgens. 2,831,178.
- Jurgens, Henry A., and D. K. Rex, to International Business Machines Corp. Card punching machines. 2,862,555, 12-2-58, Cl. 164-115.
- Jurgens, William C., and J. A. Seifert, to Bell Telephone Laboratories, Inc. Mechanical interlock for cabinet-housed apparatus-mounting frameworks. 2,848,293, 8-19-58, Cl. 312-222.
- Jurgensen, Bruce A. Mobile milk room. 2,833,000, 5-6-58, Cl. 20-2.
- Jurisch, Peter L., to Douglas Aircraft Co., Inc. Annular pilot burner for combustion heaters. 2,832,402, 4-29-58, Cl. 158-28.
- Jurisch, Peter L., to Douglas Aircraft Co., Inc. Fuel supply means for combustion apparatus. 2,861,424, 11-25-58, Cl. 60-39.72.
- Jurs, Peter C., to Phillips Petroleum Co. Fusible valve in liquefied gas system. 2,859,758, 11-11-58, Cl. 137-73.
- Jury, Frederick L. Brake switch. 2,845,505, 7-29-58, Cl. 200-80.
- Just, Raymond H., and A. G. May, to Screen Products, Inc. Stacked disk filter. 2,863,561, 12-9-58, Cl. 210-347.
- Justi, Eduard, to Ruhrchemie Akt., and Steinkohlen-Elektrizität Akt. Homeoporous gas-diffusion electrode for galvanic cells. 2,860,175, 11-11-58, Cl. 136-120.
- Justi, Eduard, and F. H. Spengler, 1/2 to Ruhrchemie Aktiengesellschaft and 1/2 to Steinkohlen-Elektrizitäts-Aktiengesellschaft. Fuel cell. 2,830,109, 4-8-58, Cl. 136-84.
- Justi, H. D., & Son, Inc.: *See*—
Lal, Joginder. 2,833,741.
Lal, Joginder. 2,833,753.
- Justus, William R. Grease drain rack. 2,833,319, 5-6-58, Cl. 141-364.
- Jüttner, Bernhard: *See*—
Grosskinsky, Otto, and Jüttner. 2,819,300.
- Jutz, Erich: *See*—
Muehlbauer, Fritz, Zell, Plankenhorn, and Jutz. 2,846,441.
- Juveland, Omar O.: *See*—
Field, Edmund, Friedlander, and Juveland. 2,840,551.
Friedlander, Herbert N., Juveland, and Field. 2,843,577.
- Juvet, René: *See*—
Koulicovitch, Maurice, and Juvet. 2,866,301.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Apparatus and method of coating articles. 2,839,425, 6-17-58, Cl. 117-93.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Spray coating. 2,842,460, 7-8-58, Cl. 117-93.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Electrostatic spray coating system. 2,865,789, 12-23-58, Cl. 117-93.
- Juy, Lucien C. Change-speed gear. 2,839,939, 6-24-58, Cl. 74-217.
- K. A. C. Ltd.: *See*—
Llewellyn, Thomas G. 2,866,572.
Love, John. 2,833,330.
- K S M Products, Inc.: *See*—
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- K & T Engineering & Developing Co.: *See*—
Kvarnstrom, Alfred T., and Tomlinson. 2,856,901.
- K-W Mfg., Inc.: *See*—
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Begin, Sylvio J. 2,838,325.
- Kaar, Ira J., to Hoffman Electronics Corp. Universal phonograph pickup head or the like. 2,864,897, 12-16-58, Cl. 179-100.41.
- Kaar, Paul H., and E. Frank, to United States of America, Air Force. Forming test apparatus for thermosetting plastic. 2,831,344, 4-22-58, Cl. 73-100.
- Kabak, Daniel M. Circuit means including bridge for automatically varying current through a load. 2,825,867, 3-4-58, Cl. 323-66.
- Kabell, Louis J., to Radio Corp. of America. Frequency controlled oscillators. 2,820,845, 1-21-58, Cl. 178-5.4.
- Kabell, Louis J., to United States of America, Atomic Energy Commission. Regenerative transistor amplifier. 2,862,113, 11-25-58, Cl. 307-88.5.
- Kabisch, Gerhard, and U. Hoffmann, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the production of styrene chlorohydrin. 2,827,496, 3-18-58, Cl. 260-618.
- Kablitz, Richard. Plate heat exchanger. 2,834,582, 5-13-58, Cl. 257-245.
- Kabushiki-Kaisha Chuo Seisakusho: *See*—
Kasugai, Yasube. 2,842,732.
- Kabushiki Kaisha Meiki Seisakusho: *See*—
Kaji, Kelnosuke. 2,837,225.
- Kabushiki Kaisha Sankyo Seiki Seisakusho: *See*—
Nozawa, Yoshikuni. 2,836,260.
- Käch, Alfred, to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G. Microwave filter with a variable band pass range. 2,851,666, 9-9-58, Cl. 833-73.
- Kachergis, Henry J., to Scovill Mfg. Co. Impulse operated sprinkler. 2,853,342, 9-23-58, Cl. 299-69.
- Kachline, Harold S., to American Machine and Metals, Inc. Gauge and signal combination. 2,835,130, 5-20-58, Cl. 73-389.
- Kaczanowski, Leonard. Oil check towel. 2,862,219, 12-2-58, Cl. 15-131.
- Kadavy, Godfrey J. Viscera retainer for use in abdominal operations. 2,841,148, 7-1-58, Cl. 128-303.
- Kaddeland, Christen R., to Miehle-Goss-Dexter, Inc. Means for feeding cut sheets in lapped sequence. 2,854,236, 9-30-58, Cl. 271-75.
- Kadelburg, Kurt, to International Rectifier Corp. Castellated contact washer. 2,845,476, 7-29-58, Cl. 174-126.
- Kaden, Harry E.: *See*—
Mervyn, Charles R., Listak, and Kaden. 2,840,219.
- Kaden, Willy: *See*—
Winkler, Alfred, and Kaden. 2,858,752.
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- Kaden, Willy, and A. Winkler, to AGFA Aktiengesellschaft. Photographic camera with a joint motion operator for transporting the film and tensioning of the shutter. 2,833,189, 5-6-58, Cl. 95-31.

- Kaden, Willy, and F. Stiefenhofer, to AGFA Akt. Film spool for cameras. 2,862,678, 12-2-58, Cl. 242-71.8.
- Kaderly, James M., to Robertshaw-Fulton Controls Co. Device for setting and measuring flexible parts. 2,854,846, 10-7-58, Cl. 73-4.
- Kädisch, Gerhard E., W. D. Kleppinger, and P. A. Huppert, to General Ceramics Corp. Method of glass enameling foil. 2,827,393, 3-18-58, Cl. 117-65.
- Kadison, Milton M., 25% to A. Colton, 25% to H. Bettigole, and 50% to R. David. Multi-stage compressor. 2,862,656, 12-2-58, Cl. 230-202.
- Kadlec, Ladislav, to Avien, Inc. Illuminated instrument. 2,861,537, 11-25-58, Cl. 116-129.
- Kadosch, Marcel, to Societe Nationale d'Etudes et de Construction de Moteurs d'Aviation. Method of jet deflection and apparatus therefor. 2,865,170, 12-23-58, Cl. 60-35.4.
- Kadosch, Marcel, F. G. Paris, J. Le Foll, and J. Bertin, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Jet propulsion units. 2,825,204, 3-4-58, Cl. 60-35.6.
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- Kadri, Frederick V., to Westinghouse Electric Corp. Adjustment assembly for watt-hour meters. 2,832,048, 4-22-58, Cl. 324-138.
- Kaegebein, Carl F. Egg collecting and retaining nests. 2,827,014, 3-18-58, Cl. 119-48.
- Kaehms, Charles G., to Southern Pacific Co. Coupling liquid mechanism for ultrasonic vibrations. 2,852,707, 9-16-58, Cl. 310-8.1.
- Kaehni, Frank J.: *See—*
- Kaehni, Frank J. and W. L. 2,819,389.
- Kaehni, Frank J., to The Economy Engine Co. Internal combustion engines. 2,866,447, 12-30-58, Cl. 123-191.
- Kaehni, Frank J., to Economy Engine Co. Ignition systems for internal combustion engines. 2,866,839, 12-30-58, Cl. 123-148.
- Kaehni, Frank J., and W. L. Kaehni, deceased (by F. J. Kaehni, executor). High frequency detector. 2,819,389, 1-7-58, Cl. 250-20.
- Kaehni, William L.: *See—*
- Kaehni, Frank J. and W. L. 2,819,389.
- Kaemmerlen, Cyril J., Jr.: *See—*
- Manning, Earl, Jr., and Kaemmerlen. 2,819,049.
- Kaess, Franz: *See—*
- Fischer, Thomas, Kronacher, and Kaess. 2,838,379.
- Motz, Jürgen, Kuchler, Figgie, Kaess, and Mühlberger. 2,837,422.
- Kaess, Franz, and E. Rathlauf, to Süddeutsche Kalkstickstoffwerke A. G. Preparation of melamine. 2,845,424, 7-29-58, Cl. 260-249.7.
- Kaether, Willy, and F. Mushack, to Braunschweizerische Maschinenbauanstalt. Apparatus for extracting animal and vegetable substances. 2,857,907, 10-28-58, Cl. 127-7.
- Kafadar, Ahmed D.: *See—*
- Carlson, George R., Kafadar, and Raynor. 2,818,783.
- Kafitz, Peter H.: *See—*
- Snow, Donald L., and Kafitz. 2,824,258.
- Kafka, Wilhelm: *See—*
- Sichling, George, Kafka, and Watzinger. 2,821,672.
- Kafka, Wilhelm, G. Sichling, and M. Tschermak, to Siemens-Schuckertwerke Aktiengesellschaft. Electric power translating apparatus of low losses and low wattless power. 2,824,241, 2-18-58, Cl. 307-149.
- Kafka, Wilhelm, G. Sichling, and M. Tschermak, to Siemens-Schuckertwerke Akt. Apparatus for the switching of electric circuits without contacts. 2,843,763, 7-15-58, Cl. 307-88.
- Kagan, Al. Automatic poultry drinking valve. 2,851,007, 9-9-58, Cl. 119-72.5.
- Kagan, Fred, to Standard Oil Co. Ethylene polymerization. 2,819,257, 1-7-58, Cl. 260-94.9.
- Kagan, Fred, to The Upjohn Co. Organic compounds. 2,820,034, 1-14-58, Cl. 260-256.4.
- Kagan, Fred, to The Upjohn Co. Preparation of pantothenic acid salts. 2,845,456, 7-29-58, Cl. 260-534.
- Kagan, Fred, to The Upjohn Co. Preparation of alkaline-earth salts of pantothenic acid. 2,848,489, 8-19-58, Cl. 260-534.
- Kaghan, Walter S., and D. F. Stoneback, to Olin Mathieson Chemical Corp. Electrical discharge treatment of polyethylene. 2,859,481, 11-11-58, Cl. 18-48.
- Kagley, William H., and B. J. Milam, to Lindsay Ripe Olive Co. Pit dislodgment jets for fruit pitting machine. 2,821,223, 1-28-58, Cl. 146-27.
- Kagley, William H., and B. J. Milam, to Lindsay Ripe Olive Co. Replaceable punch assembly for fruit pitting machine. 2,821,224, 1-28-58, Cl. 146-27.
- Kagley, William H., and B. J. Milam, to Lindsay Ripe Olive Co. Shock absorber for fruit pitting machine die assembly. 2,821,225, 1-28-58, Cl. 146-27.
- Kagley, William H., and B. J. Milam, to Lindsay Ripe Olive Co. Fruit pitting machine quick-change core tool assembly. 2,821,226, 1-28-58, Cl. 146-27.
- Kagley, William H., and B. J. Milam, to Lindsay Ripe Olive Co. Side delivery fruit and pit separating chute for fruit pitting machine. 2,821,227, 1-28-58, Cl. 146-27.
- Kagley, William H., and B. J. Milam, to Lindsay Ripe Olive Co. Fruit gripper finger assembly for fruit pitting machine. 2,826,291, 3-11-58, Cl. 198-167.
- Kahan, Edward: *See—*
- Berkeley, Edmund C., and Kahan. 2,848,568.
- Kahan, Jacob M. Gas dispenser. 2,856,922, 10-21-58, Cl. 128-203.
- Kaheny, John M. Golf ball coating device. 2,840,842, 7-1-58, Cl. 15-210.
- Kahl, Frank J., and E. M. Coplen. Snap fastener. 2,826,798, 3-18-58, Cl. 24-238.
- Kahl, Rudolf. Filter. 2,856,075, 10-14-58, Cl. 210-234.
- Kable Engineering Co.: *See—*
- Lindsay, James B. 2,838,682.
- Kahle, Hermann A., to Jack & Heintz, Inc. Reactive load division circuit for parallel generator systems. 2,843,760, 7-15-58, Cl. 307-57.
- Kahler, Ernest J., to Pennsalt Chemicals Corp. Polymerization of tertiary olefins. 2,837,588, 6-3-58, Cl. 260-683.15.
- Kahler, Ernest J., and G. W. Kinzer, to Standard Oil Co. Preparation of aliphatic hydroperoxides and aliphatic carboxylic acids. 2,831,023, 4-15-58, Cl. 260-530.
- Kahler, Harry L., C. A. Bishop, and W. A. Tanzola, to Betz Laboratories, Inc. Corrosion inhibition in water systems. 2,848,299, 8-19-58, Cl. 21-2.7.
- Kahn, Alexander. Ventilated clothing and apparatus. 2,826,758, 3-18-58, Cl. 2-81.
- Kahn, Arnold A.: *See—*
- Selberg, John P., and Kahn. 2,829,741.
- Kahn and Co., Inc.: *See—*
- Laas, Eugene. 2,836,670.
- Kahn, Edward. Vaginal speculum. 2,858,826, 11-4-58, Cl. 128-17.
- Kahn, Frank: *See—*
- Sanders, Thomas A., and Kahn. 2,821,011.
- Kahn, Harold H.: *See—*
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- Satz, William. 2,865,525.
- Kahn, Hans J. P. B.: *See—*
- Rainbow, Horace S., and Kahn. 2,833,514.
- Kahn, Henry. Zipper repair tool. 2,818,755, 1-7-58, Cl. 81-5.1.
- Kahn, Irving B., to Teleprompter Corp. Cuing device. 2,860,544, 11-18-58, Cl. 88-74.
- Kahn, Leonard R. Means for modulating a single carrier with dissimilar signals for television transmission and the like. 2,858,369, 10-28-58, Cl. 178-5.8.
- Kahn, Morris. Lock. 2,822,683, 2-11-58, Cl. 70-288.
- Kahn, Morris. Telephone dialing device. 2,830,129, 4-8-58, Cl. 179-90.
- Kahn, Morton C., and W. H. Offenhauser, Jr., to The Marcelle and Edwin M. Fleischmann Foundation, Inc. Insect control apparatus. 2,861,132, 11-18-58, Cl. 179-100.1.
- Kahn, Samuel, to Schick Inc. Shearing head clamping means for electric shaver. 2,844,869, 7-29-58, Cl. 30-43.
- Kahn, Walter K.: *See—*
- Felsen, Leopold B., and Kahn. 2,864,063.
- Kahnt, Friedrich: *See—*
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- Wettstein, Albert, Kahnt, and Neher. 2,833,425.
- Kahr, Gustaf: *See—*
- Andersson, Sven A., and Magnusson. 2,865,058.
- Kahr, Gustaf. Room heating systems. 2,843,364, 7-15-58, Cl. 257-124.
- Kahrilas, Peter J.: *See—*
- Begovich, Nicholas A., and Kahrilas. 2,859,440.
- Kahrs, Karl H.: *See—*
- Scherer, Otto, and Kahrs. 2,855,383.
- Kailas, William G.: *See—*
- Footo Daniel J., and Kailas. 2,857,045.
- Kaiser, Albert W., and G. K. Wood. Disposable-type three-way valve construction. 2,854,027, 9-30-58, Cl. 137-625.41.
- Kaiser Aluminum & Chemical Corp.: *See—*
- Anderson, Arvid A. 2,820,620.
- Angel, Donald S., Tilseth, and Alexander. 2,848,124.
- Bell, Norman, Bellan, and Donaldson. 2,832,703.
- Belz, Lloyd H., Cook, and Eastwood. 2,852,659.
- Curell, Conrad O. 2,846,235.
- Davis, George C., Jr. 2,829,877.
- Drummond, Joseph E., and Guritz. 2,833,452.
- Dugall, John T., Fredrickson, Holman, and Wohlforth. 2,826,782.
- Foulks, Robert B. 2,857,115.
- Gaffney, Richard E. 2,840,871.
- Holscher, Martin L. 2,839,289.
- La Rue, Donald G. 2,846,263.
- Peterson, Warren S., and Klemm. 2,821,472.
- Porter, John L. 2,822,157.
- Porter, John L. 2,843,456.
- Rathe, Sidney A., and Van Loenen. 2,845,181.
- Scandrett, Henry F., and Porter. 2,852,343.
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- Wittrock, Henry J. 2,830,881.
- Kaiser, Carl B.: *See—*
- Hayford, Richard E., Kaiser, and Crumrine. 2,862,646.
- Kaiser, Carl B., to The Haloid Co. Xerographic wet belt loading. 2,837,441, 6-8-58, Cl. 117-17.5.

- Kaiser, Donald W.: *See*—
Glade, Nathaniel J., Hechenbleikner, and Kaiser. 2,828,228.
Welcher, Richard P., and Kaiser. 2,819,292.
- Kaiser, Donald W., and R. P. Welcher, to American Cyanamid Co. Preparation of thioammelines. 2,820,033, 1-14-58, Cl. 260—249-8.
- Kaiser, Emil, and E. P. Gunther, to Armour and Co. Process for obtaining alcoholysis of aminoacid esters. 2,842,586, 7-8-58, Cl. 260—470.
- Kaiser, Francis T., to Modern Equipment Co. Charging buckets. 2,824,762, 2-25-58, Cl. 294—69.
- Kaiser, Francis T., to Modern Equipment Co. Cupola charging apparatus utilizing a cone bottom bucket. 2,860,791, 11-18-58, Cl. 214—19.
- Kaiser, Fritz: *See*—
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- Kaiser Gypsum Co., Inc.: *See*—
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- Kaiser, Harold R., to Hughes Aircraft Co. Coupling circuit for magnetic binaries. 2,847,659, 8-12-58, Cl. 340—174.
- Kaiser, Harold R., C. A. Lane, and W. S. Shoenky, to Hughes Aircraft Co. High-speed electronic data conversion system. 2,865,564, 12-23-58, Cl. 235—61.
- Kaiser, Henry J., Co.: *See*—
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- Kaiser, Herman F., W. T. Mayes, and W. J. Willig, to the United States of America as represented by the Secretary of the Navy. Microtron extraction tube. 2,830,211, 4-8-58, Cl. 313—62.
- Kaiser, Herman S.: *See*—
De Beaubien, William J., Kaiser, and Holmes. 2,831,327.
- Kaiser, Herman S., to General Motors Corp. Hood latch. 2,828,989, 4-1-58, Cl. 292—52.
- Kaiser Industries Corp.: *See*—
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Aiken, William R. 2,837,691.
Aiken, William R. 2,850,670.
Aiken, William R. 2,864,027.
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Warren, Perry A., and Kelton. 2,862,423.
- Kaiser, Johann, to Chr. Mann Maschinenfabrik. Actuating device for sliver cans. 2,820,255, 1-21-58, Cl. 19—159.
- Kaiser, Johann, to Chr. Mann Maschinenfabrik. Arrangement for depositing sliver in sliver cans. 2,842,805, 7-15-58, Cl. 19—159.
- Kaiser, Johann, to Chr. Mann Maschinenfabrik. Gill box. 2,849,754, 9-2-58, Cl. 19—129.
- Kaiser, John A. and J. B. Rain alarm. 2,856,476, 10-14-58, Cl. 200—61.04.
- Kaiser, John E. Step chuck. 2,828,536, 4-1-58, Cl. 29—406.
- Kaiser, Joseph B.: *See*—
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- Kaiser Metal Products, Inc.: *See*—
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- Kaiser, Ralph R., to National Distillers and Chemical Corp. Recovering volatilized values including ethanol from warehouse atmospheres. 2,847,480, 8-12-58, Cl. 260—643.
- Kaiser, Richard. Control device for circular saw sharpening machines. 2,855,809, 10-14-58, Cl. 76—77.
- Kaiser, Richard, to Vollmer-Werke Maschinenfabrik Gesellschaft mit Beschränkter Haftung. Method and apparatus for shaping saw teeth. 2,865,234, 12-23-58, Cl. 76—54.
- Kaiser, Rudolf. Valves. 2,839,074, 6-17-58, Cl. 137—315.
- Kaiser, Rudolf. Valve. 2,839,266, 6-17-58, Cl. 251—171.
- Kaiser Steel Corp.: *See*—
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- Kaiser, Wilhelm J., to Henkel & Cie. G. m. b. H. Process for the preparation of N-substituted aminobutyric acid esters from acetoacetic ester by reductive alkylation. 2,822,377, 2-4-58, Cl. 260—468.
- Kaji, Aritsune: *See*—
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- Kaji, Keinosuke, to Kabushiki Kaisha Meiki Seisakusho. Transferring apparatus for plywood plates or the like to be treated in a multistage press. 2,837,225, 6-3-58, Cl. 214—16.6.
- Kalafsky, Joseph M. Mercury limit switch. 2,843,705, 7-15-58, Cl. 200—145.
- Kalamazoo Sled Co.: *See*—
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Erickson, Arthur G. 2,826,424.
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Ginther, Virgil L. 2,818,996.
Himes, Charles R., and Lanphear. 2,851,839.
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- Kalam, Michael. Periodic oxidation and reduction kiln. 2,856,669, 10-21-58, Cl. 25—132.
- Kalart Co. Inc. The: *See*—
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- Kalat, Elmer J., to The Maxwell Co. Chamfering tool. 2,848,912, 8-26-58, Cl. 77—58.
- Kalat, Joseph F., to Western Electric Co., Inc. Method of casting phenolic resins in a tin-plated mold. 2,860,947, 11-18-58, Cl. 18—47.
- Kalaus, John. Hydraulic loader. 2,829,787, 4-8-58, Cl. 214—132.
- Kalb, George C.: *See*—
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- Kalb, John W., to The Ohio Brass Co. Lightning arresters. 2,825,008, 2-25-58, Cl. 317—70.
- Kalb, Lennart R. Strapping machine. 2,829,714, 4-8-58, Cl. 164—109.
- Kalb, Martin O.: *See*—
Ciringione, Joseph L., Intraub, Kalb, Strobe, and Wolotkin. 2,836,060.
- Kalbach, John F.: *See*—
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- Kalbow, Theodore W., to Western Electric Co., Inc. Adjustable tracing device for machines. 2,825,270, 3-4-58, Cl. 90—13.
- Kalbow, Theodore W., to Western Electric Co., Inc. Device for holding a composite article in different positions. 2,846,682, 8-12-58, Cl. 1—128.
- Kalbow, Theodore W., to Western Electric Co., Inc. Work feed devices. 2,858,006, 10-28-58, Cl. 198—19.
- Kalbow, Theodore W., and L. O. Reichelt, to Western Electric Co., Inc. Fixture for supporting and cooling parts during brazing. 2,824,535, 2-25-58, Cl. 113—98.
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- Kales, Morris L. Antenna coupling system for eliminating transmitter reflections. 2,850,264, 9-2-58, Cl. 250—13.
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- Kalfaian, Meguer V. Color television image tube and system therefor. 2,867,937, 12-9-58, Cl. 178—5.4.
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- Kalina, Henry A.: *See*—
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- Kalinowski, Mathew L.: *See*—
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- Kalish, Joseph, to Schenley Laboratories, Inc. Stable injectable fat emulsions and process of producing same. 2,819,199, 1-7-58, Cl. 167—66.
- Kalish, Joseph, to International Telephone and Telegraph Corp. Oscillator. 2,829,256, 4-1-58, Cl. 250—36.
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- Kalkhof-Rose, Walter. Water-soluble shellac powder. 2,834,770, 5-13-58, Cl. 260—97.
- Kalkofen, Gerhard W., to The Goodyear Tire & Rubber Co. Vented curing bag. 2,851,729, 9-16-58, Cl. 18—15.
- Kallam, Floyd L., to Industrial Engineers, Inc. Fluid heating unit. 2,849,991, 9-2-58, Cl. 122—510.
- Kalle, Karl T. Viscosity meter. 2,846,873, 8-12-58, Cl. 73—59.
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- Kallert, Wilhelm: *See*—
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- Kallick, Joseph N., and L. C. Algoren, to Sealy, Inc. Bedding device. 2,866,433, 12-30-58, Cl. 116—135.
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- Kallstrom, Einar V., to Modine Mfg. Co. Heat exchanger coupling utilizing both a lock and a lap seam. 2,845,284, 7-29-58, Cl. 285—192.
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- Kallweit, Johannes. Map measuring instruments. 2,821,782, 2-4-58, Cl. 33—141.
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- Kalmar, Frank J.: *See*—
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- Kalmer, Benedict R., to E. Gray. Tone arm actuating mechanism. 2,845,272, 7-29-58, Cl. 274—14.
- Kaloyereas, Socrates A., to Research Corp. Preservation of honey. 2,856,292, 10-14-58, Cl. 99—146.
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- Kalt, Gilbert, to The Budd Co. Adjustable wall-mounted table. 2,827,351, 3-18-58, Cl. 311-18.
- Kalteis, Joseph: *See—*
- Snidt, Jurgen, Ernst, and Kalteis. 2,830,044.
- Kaltenbacher, Dominic M., to Bendix Aviation Corp. AGC degenerative control means. 2,839,750, 6-17-58, Cl. 343-115.
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- Kalvinskis, John J., to E. I. du Pont de Nemours and Co. Diphenylamine process. 2,820,829, 1-21-58, Cl. 260-576.
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- Kamaek, Harry J., and J. H. Balthis, to United States of America, Atomic Energy Commission. Method of improving the carrier precipitation of plutonium. 2,863,719, 12-9-58, Cl. 23-14.5.
- Kaman, Frank A., to Thor Power Tool Co. Impact clutch. 2,836,272, 5-27-58, Cl. 192-30.5.
- Kamberian, Jacob S. Sole pressing machine. 2,828,496, 4-1-58, Cl. 12-36.
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- Kamborian, Jacob S.: *See—*
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- Weisz, Thomas A., and Kamborian. 2,843,368.
- Kamborian, Jacob S. Shoe lasting machine. 2,819,464, 1-14-58, Cl. 1-2.
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- Kamenetzky, Jacobo. Connecting device for fluids. 2,856,959, 10-21-58, Cl. 137-599.1.
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- Kamin, Ernest F. Refuse vehicle. 2,832,488, 4-29-58, Cl. 214-518.
- Kamin, Ernest F. Refuse collection apparatus. 2,863,580, 12-9-58, Cl. 214-504.
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- Kamm, Gilbert G.: *See—*
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- Kamm, Lawrence J., to Sperry Products, Inc. Servomechanism. 2,828,456, 3-25-58, Cl. 318-28.
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- Kamman, Gordon W., to Houdaille Industries, Inc. Shock absorber. 2,828,836, 4-1-58, Cl. 188-88.
- Kammer, Oswin. Feed mixer. 2,828,112, 3-25-58, Cl. 259-46.
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- Kamper, Richard H., to Conveyor Specialties Co. Bread cooling conveyor. 2,827,152, 3-18-58, Cl. 198-84.
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- Kanarr, Clarence W. Amphibious trailer boat. 2,831,203, 4-22-58, Cl. 9-1.
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- Kane, Elias K., to General Electric Co. Seal. 2,827,320, 3-18-58, Cl. 288-20.

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- Karcher, Harry C., to General Motors Corp. Turbine engine starting system. 2,818,704, 1-7-58, Cl. 60-39.14.
- Karchner, Jean H., and M. T. Walker, to Esso Research and Engineering Co. Treatment of fluids for removal of hydrogen cyanide. 2,859,090, 11-4-58, Cl. 23-2.
- Karchner, Ellen L., to General Motors Corp. Method of treating stainless steel to improve its corrosion resistance. 2,832,708, 4-29-58, Cl. 148-6.16.
- Kardon, Emanuel S., and H. Volksdorf, to American Bag & Paper Co. Method of making bags. 2,846,928, 8-12-58, Cl. 93-35.
- Kardos, Otto: See—
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- Foulke, Donald G., and Kardos. 2,848,393.
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- Karecki, Marion R.: See—
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- Karen, H. Peter, to Solar Aircraft Co. Variable flameholder for afterburner. 2,835,108, 5-20-58, Cl. 60-39.72.

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- Karig, Horace E.: *See*—
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- Karinen, Raymond S.: *See*—
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- Karinen, Raymond S., to General Mills, Inc. Adjustable anvil carriage. 2,834,963, 5-20-58, Cl. 1-2.
- Karius, William: *See*—
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- Karkheck, John: *See*—
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- Karkling, Charles A. Portable food preparing device. 2,827,846, 3-25-58, Cl. 99-339.
- Karl, Alfred, to Koppers Co., Inc. Process of removing acidic constituents from gases utilizing screened low bulk weight lux means. 2,839,356, 6-17-58, Cl. 23-3.
- Karl, Martin. Automotive safety switch. 2,853,627, 9-23-58, Cl. 307-10.
- Kariby, Henning: *See*—
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- Karle, August, and K. Trapp, to Anton Zahoransky (Kommandit Gesellschaft). Clamping and positioning mechanism for brush bodies. 2,851,308, 9-9-58, Cl. 300-10.
- Karle, George P. Hand washer appliance for textiles. 2,831,334, 4-22-58, Cl. 68-213.
- Karlen, Harvey R., to Cory Corp. Hot water dispenser. 2,819,376, 1-7-58, Cl. 219-38.
- Karlen, Harvey R., to Cory Corp. Beverage agitator. 2,863,650, 12-9-58, Cl. 259-108.
- Karlicek, Robert F., and R. E. Frink, to Westinghouse Electric Corp. High speed blocking of relays. 2,825,007, 2-25-58, Cl. 317-26.
- Karlin, Anthony F.: *See*—
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- Karlin, Irving P. Hung ceiling electrical box assembly. 2,828,882, 4-1-58, Cl. 220-3.92.
- Karlin, Maurice, to North American Philips Co., Inc. Carrier-frequency telegraphy system. 2,820,095, 1-14-58, Cl. 178-51.
- Karlin, Maurice, and S. J. De Vlemminck, to North American Philips Co., Inc. Arrangement for measuring the arithmetic distortion of start-stop code telegraphic signals. 2,823,260, 2-11-58, Cl. 178-69.
- Karll, Robert E.: *See*—
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- Karll, Robert E., and A. R. Sabot, to Standard Oil Co. Preparation of phosphorus sulfide hydrocarbon reaction product. 2,838,484, 6-10-58, Cl. 260-139.
- Karlovsky, Jerry, to Goodman Mfg. Co. Corner sprocket mechanism for boring type mining machine. 2,841,378, 7-1-58, Cl. 262-7.
- Karlson, John C., to Bendix Aviation Corp. Magnetic actuator. 2,833,968, 5-6-58, Cl. 317-171.
- Karlsson, Bengt I.: *See*—
Nilsson, Gunnar, Bredberg, and Karlsson. 2,851,175.
- Karlsson, Helge, to Svenska Kelfabriken A. B. Electric switch. 2,822,440, 2-4-58, Cl. 200-74.
- Karlsson, Karl H., to Gadget-Of-The-Month Club, Inc. Continuous bearing retainer ring adapted for radial expansion. 2,860,540, 11-18-58, Cl. 85-8.6.
- Karlsson, Per H., to The Air Preheater Corp. Heating surface condition indicator. 2,821,366, 1-28-58, Cl. 257-6.
- Karlstrom, Johan F. R., to Aktiebolaget Elektrolux. Dish-washing machine. 2,824,567, 2-25-58, Cl. 134-57.
- Karmas, George: *See*—
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- Karn, Andrew B. Adhesive applicator device. 2,845,041, 7-29-58, Cl. 118-257.
- Karn, William S. Positively sealed coupling. 2,830,454, 4-15-58, Cl. 74-18.
- Karnavas, Esidoros C., to Texas Instruments Inc. Junction type transistor structure. 2,860,291, 11-11-58, Cl. 317-235.
- Karnofsky, George B., to Blaw-Knox Co. Continuous solvent extractor and solvent extraction system. 2,840,459, 6-24-58, Cl. 23-310.
- Karo, Wolf: *See*—
Halpern, Benjamin D., Karo, and Levine. 2,834,763.
- Karoff Originals, Ltd.: *See*—
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- Karol, Berton, and N. M. Reitzel, to Oxy-Catalyst, Inc. Cartridge type catalytic exhaust cleaner. 2,853,367, 9-23-58, Cl. 23-288.
- Karole, John J. Electrical lighting fixture. 2,824,217, 2-18-58, Cl. 240-78.
- Karoll's, Inc.: *See*—
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- Karow, Kenneth A., to International Telephone and Telegraph Corp. Testing apparatus for telephone systems. 2,857,468, 10-21-58, Cl. 179-18.
- Karowski, Marguerite M., now by change of name M. M. Karr. Sanitary pad. 2,852,026, 9-16-58, Cl. 128-290.
- Karp, Arthur, to Bell Telephone Laboratories, Inc. Slow-wave circuit for a traveling wave tube. 2,858,472, 10-28-58, Cl. 315-3.6.
- Karp, Edward C., and S. G. Berglund, to Sanitary Scale Co. Pulley mounting device for meat saw with tensioning means therefor. 2,825,369, 3-4-58, Cl. 143-27.
- Karp, Martin E., to National Pneumatic Co., Inc. Door operation and control. 2,820,627, 1-21-58, Cl. 268-63.
- Karp, William, to Tracerlab, Inc. Radioactive source. 2,830,190, 4-8-58, Cl. 250-106.
- Karpalo, Olaus G. Emergency can heater. 2,850,006, 9-2-58, Cl. 126-262.
- Karpel, Ruth B.: *See*—
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- Karpel, William J.: *See*—
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- Karper, Abraham S. Streamline rotary index. 2,845,730, 8-5-58, Cl. 40-104.
- Karpoff, David, H. Bridgman, and E. P. Mersereau, Jr., to Mohasco Industries, Inc. Random texture pile fabric. 2,841,187, 7-1-58, Cl. 139-403.
- Karpowicz, Benjamin, Jr., to Pak-Rapid, Inc. Method and apparatus for producing evacuated packages. 2,840,961, 7-1-58, Cl. 53-22.
- Karr, Marguerite M.: *See*—
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- Karr, Nathaniel A.: *See*—
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- Karrasch, Adolph A. Vacuum controlled device for engines. 2,853,064, 9-23-58, Cl. 123-97.
- Karrer, Sebastian: *See*—
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- Karry, Bert A. Snag fish hook extricator. 2,866,290, 12-30-58, Cl. 43-17.2.
- Karry-All, Inc.: *See*—
Painter, Claude D. 2,844,282.
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- Karson, Jean: *See*—
Cohen, Maurice, and Karson. 2,849,012.
- Karstad, Kaare, to Radio Corp. of America. Balanced modulator. 2,833,991, 5-6-58, Cl. 332-43.
- Karsten, Kenneth S., to R. T. Vanderbilt Co., Inc. Fungicidal composition. 2,824,039, 2-18-58, Cl. 167-30.
- Kartinos, Nicholas J., and W. W. Williams, to General Aniline & Film Corp. Nitro diarylamine methine dyes. 2,849,447, 8-26-58, Cl. 260-239.7.
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- Karwat, Ernst, to Gesellschaft fur Linde's Eismaschinen Aktiengesellschaft. Process for separating a compressed gas mixture. 2,827,776, 3-25-58, Cl. 62-175.5.
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- Kary, Roland M.: *See*—
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- Kas, John L., Sr. Hypodermic syringe for livestock. 2,825,334, 3-4-58, Cl. 128-218.
- Kasak, Antonin J., to Bendix Aviation Corp. Heating device. 2,829,227, 4-1-58, Cl. 219-10.43.
- Kaselow, Bruno E. Waistband tightening device. 2,849,773, 9-2-58, Cl. 24-200.
- Kaseman, Paul W., to Radio Corp. of America. Spring contact high voltage connector. 2,847,595, 8-12-58, Cl. 313-64.
- Kaseman, Paul W., to Radio Corp. of America. Bulb spacer shield. 2,847,599, 8-12-58, Cl. 313-82.
- Kasermann, Werner, to Color Metal A. G. Damping roller for offset printing machines. 2,821,912, 2-4-58, Cl. 101-148.
- Kasevich, Alexander J., to The United Tool and Die Co. De-burring device. 2,844,976, 7-29-58, Cl. 77-4.
- Kasey, Bill: *See*—
Englert, Joseph A., and Kasey. 2,851,051.
- Kasick, John N. Grinding wheel. 2,819,568, 1-14-58, Cl. 51-197.
- Kasmen, Edward J.: *See*—
Farbak, John E., and Kasmen. 2,830,906.
- Kason Hardware Corp.: *See*—
Berkowitz, Irving. 2,855,771.
- Kaspar, Anne N.: *See*—
Nordell, Carl H. 2,839,197.
Nordell, Carl H. 2,852,464.
- Kaspar, William A., to Paramount Paper Products Co. Price tag dispenser. 2,838,171, 6-10-58, Cl. 206-58.
- Kasper, Elmer J.: *See*—
Hunter, Robert H., and Kasper. 2,842,161.
- Kasper, Elmer J., to Royal Appliance Mfg. Co. Floor polisher attachment. 2,821,733, 2-4-58, Cl. 15-246.
- Kasper, Elmer J., to Royal Appliance Mfg. Co. Suction brush for Venetian blinds. 2,821,736, 2-4-58, Cl. 15-394.
- Kasper, Elmer J., to Royal Appliance Mfg. Co. Swivel coupling with means to aid disassembly. 2,827,311, 3-18-58, Cl. 285-7.
- Kasper, Elmer J., to Royal Appliance Mfg. Co. Detachable suction cleaner swivel coupling. 2,839,316, 6-17-58, Cl. 285-7.
- Kasper, Elmer J., to Royal Appliance Mfg. Co. Rug guard for suction cleaner nozzle. 2,851,717, 9-16-58, Cl. 15-360.

- Kasper, John J., to Illinois Fibre Specialty Co. Inc. Laminated cushion. 2,831,532, 4-22-58, Cl. 155-182.
- Kasperowicz, Henry, to Allen B. du Mont Laboratories, Inc. Process for forming luminescent screens. 2,830,915, 4-15-58, Cl. 117-18.
- Käss, Eduard, to North American Philips Co., Inc. Hybrid system for use in radio-telephone links comprising a monitoring circuit. 2,820,108, 1-14-58, Cl. 179-170.2.
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- Kass, Guss S., to Saint Cornelius The Centurion Chapel of Valley Forge Military Academy. Lanolin composition and method of preparing same. 2,840,509, 6-24-58, Cl. 167-90.
- Kass, Seymour G. Collar stay for shirts and other garments. 2,864,540, 12-16-58, Cl. 223-83.
- Kassbohrer, Karl, Fahrzeugwerke G. m. b. H.: See—Schwab, Hans. 2,821,408.
- Kassbohrer, Karl G. m. b. H.: See—Wahl, George, and Schwab. 2,843,417.
- Kassel, Arthur A. Depth control unit for tractor supported earth engaging implements. 2,830,518, 4-15-58, Cl. 97-46.03.
- Kassel, Louis S., to Universal Oil Products Co. Apparatus for distributing a mixed phase fluid stream. 2,860,955, 11-18-58, Cl. 23-288.
- Kassel, Louis S., and V. Haensel, to Universal Oil Products Co. Hydrocarbon conversion process. 2,838,582, 6-10-58, Cl. 260-673.5.
- Kassner, Paul E. F.: See—Boerdijk, Arie H., Kassner, and Davidson. 2,828,649.
- Kast, Samuel H., to Radial Feeder Co. Radial feeder. 2,828,053, 3-25-58, Cl. 223-181.
- Kastar Inc.: See—Paparelli, Joseph. 2,822,714.
- Kastner, Joseph, and Kaplan. 2,834,628.
- Kasten, Walter, to Bendix Aviation Corp. Filter-demulsifier assembly. 2,837,214, 6-3-58, Cl. 210-300.
- Kasten, Walter, to Bendix Aviation Corp. Vertical two stage demulsifier filter assembly. 2,864,505, 12-16-58, Cl. 210-315.
- Kastenbein, Ernest L., to Tile Council of America, Inc. Apparatus for making tile panels. 2,855,653, 10-14-58, Cl. 25-1.
- Kaster, Paul G. Wagon unloader. 2,837,228, 6-3-58, Cl. 214-83.18.
- Kastner, Edward C., to Akron Standard Mold Co. Tire building apparatus. 2,822,990, 2-11-58, Cl. 242-67.3.
- Kastner, Edward C., to Akron Standard Mold Co. Servicing apparatus and control. 2,822,991, 2-11-58, Cl. 242-75.47.
- Kasuga, Tenuo, to Carbon Heater Corp. Conductive heater control system. 2,850,610, 9-2-58, Cl. 219-20.
- Kasugai, Yasube, to Kabushiki-Kaisha Chuo Seisakusho. Rotary brush type commutator-converter. 2,842,732, 7-8-58, Cl. 321-5.
- Katanich, Leonard D. Drop ceiling guide. 2,837,757, 6-10-58, Cl. 15-246.
- Katayama, Mitsuhiro: See—Yabuta, Taijiro, Ikeda, Shiroyamagi, Ikeda, Fujimaki, Katayama, Tsuji, and Sato. 2,837,510.
- Katcher, Morris. Fuel pump actuating lever. 2,863,331, 12-9-58, Cl. 74-569.
- Kater, Joseph A., and J. R. Weeks, Jr., to Bell Telephone Laboratories, Inc. Method of clearing electrical capacitors. 2,865,083, 12-23-58, Cl. 29-25.42.
- Kates, Leonard W., to Sylvania Electric Products Inc. Method of grinding an aluminum nickel alloy. 2,857,289, 10-21-58, Cl. 106-290.
- Kates, Phillip: See—Foltis, Anestis, and Kates. 2,838,058.
- Kates, W. A., Co.: See—Viergutz, Alfred H. 2,859,769.
- Kathe, Edmund A.: See—Nordell, Edwin A., Kathe, and Thyreen. 2,819,678.
- Kathe, Edmund A. Electric switch. 2,836,675, 5-27-58, Cl. 200-87.
- Kathe, Edmund A. Liquid level control switch. 2,857,492, 10-21-58, Cl. 200-84.
- Käther, Willy, to Braunschweigische Maschinenbauanstalt, and Pfeifer & Langen. Counter-current diffusion tower. 2,819,190, 1-7-58, Cl. 127-47.
- Kathol, Josef: See—Junkmann, Karl, Kathol, and Richter. 2,840,508.
- Katorsky, Oskar. Flow control for liquid fuel. 2,826,247, 3-11-58, Cl. 158-36.
- Katow, Masakazu S., and A. A. Lemke, to Chicago Pump Co. Decanting pipe for grit removal system. 2,861,694, 11-25-58, Cl. 210-534.
- Katsaros, Constantine, and A. A. Baldoni. Protecting objects from rodent attack. 2,824,826, 2-25-58, Cl. 167-46.
- Katterjohn, Charles M. Corner brace for crates and boxes. 2,860,805, 11-18-58, Cl. 217-69.
- Katz, Albert, and M. V. Shelanski, to West Laboratories, Inc. Isodine-surface active carrier germicidal preparations. 2,840,510, 6-24-58 Cl. 167-93.
- Katz, Alex J.: See—Bank, Albert M., and Katz. 2,829,382.
- Bank, Albert M., and Katz. 2,838,093.
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- Katz, David. Load carrying potentiometer. 2,831,158, 4-15-58, Cl. 323-74.
- Katz, David. Variable electrical resistor. 2,833,901, 5-6-58, Cl. 201-62.
- Katz, Edwin F., to General Motors Corp. Electronic harmonic synthesizer. 2,850,668, 9-2-58, Cl. 315-24.
- Katz, Fred. Dental reflector and aspirating instrument. 2,861,342, 11-25-58, Cl. 32-069.
- Katz, Irving: See—Jenkins, Robert W., Plew, and Katz. 2,855,372.
- Katz, Irving, and F. L. Thomas, to Bjorksten Research Laboratories, Inc. Transparent resinous substance. 2,864,780, 12-16-58, Cl. 260-18.
- Katz, Isadore. Stenographic machine. 2,855,082, 10-7-58, Cl. 197-9.
- Katz, Joseph J.: See—Davidson, Norman R., and Katz. 2,859,097.
- Katz, Joseph J., H. H. Hyman, and I. Sheft, to the United States of America as represented by the United States Atomic Energy Commission. Fluoride volatility process for the recovery of uranium. 2,830,873, 4-15-58, Cl. 23-14.5.
- Katz, Leon, and M. S. Cohen, to Schenley Industries, Inc. 2-(dialkylaminoalkylthio)benzoxazoles and processes for their production. 2,820,042, 1-14-58, Cl. 260-307.
- Katz, Leon, M. S. Cohen, and W. Schroeder, to Schenley Industries, Inc. Production of 4-mercaptopyridine acid and intermediate therefor. 2,824,876, 2-25-58, Cl. 260-294.8.
- Katz, Leon, D. W. Hein, J. E. Pretka, and R. S. Long, to American Cyanamid Co. Bis(p-aminophenyl)butadiene and derivatives. 2,852,556, 9-16-58, Cl. 260-518.
- Katz, Leonhard: See—Westcott, Vernon C., Katz, and Borgeson. 2,852,763.
- Katz, Louis, to Elkay Mfg. Co. Means for joining sink to drainboard. 2,818,579, 1-7-58, Cl. 4-187.
- Katz, Nathan. Means for intermittently perforating and skipping a predetermined number of sheets. 2,821,915, 2-4-58, Cl. 101-226.
- Katz, Nelson J.: See—Collier, Albert V. 2,865,192.
- Katz, Peter, to American Measuring Instruments Corp. Louvering system. 2,864,301, 12-16-58, Cl. 98-40.
- Katz, Peter, to American Measuring Instruments Corp. Portable magnetic recorder. 2,864,564, 12-16-58, Cl. 242-55.12.
- Katz, Sam. Marker for making pockets in garments and method of making same. 2,824,379, 2-25-58, Cl. 33-180.
- Katz, Sam. Marker for making buttonholes. 2,824,530, 2-25-58, Cl. 112-65.
- Katz, William E., and N. W. Rosenberg, to Ionics, Inc. Separation of electrolytic solutions into concentrated and dilute streams. 2,860,095, 11-11-58, Cl. 204-180.
- Katzberg, Jesse, to Tung-Sol Electric Inc. Thyatron. 2,840,744, 6-24-58, Cl. 313-193.
- Katzen, Raphael. Map globe support. 2,838,852, 6-17-58, Cl. 35-46.
- Katzenberg, Edgar M., to Robinson-Houchin, Inc. Automatic lens grinding and polishing machine. 2,826,874, 3-18-58, Cl. 51-160.
- Katzin, Leonard I., to United States of America, Atomic Energy Commission. Manganese dioxide method for preparation of protoactinium. 2,847,273, 8-12-58, Cl. 23-14.5.
- Katzin, Leonard, and J. C. Sullivan, to United States of America, Atomic Energy Commission. Separation of inorganic salts from organic solutions. 2,840,451, 6-24-58, Cl. 23-14.5.
- Katzman, Frederick, to Reynolds Metals Co. Apparatus for assembling tubes into a finned heat exchanger. 2,866,260, 12-30-58, Cl. 29-202.
- Katzman, Lawrence: See—Katzman, M. and L., and Block. 2,837,624.
- Katzman, Lawrence, and M. L. Block, to Kaz Mfg. Co. Electric vaporizers. 2,824,946, 2-25-58, Cl. 219-40.
- Katzman, M. and L., and M. Block, to Kaz Mfg. Co., Inc. Vaporizer. 2,837,624, 6-3-58, Cl. 219-40.
- Katzschmann, Ewald, to Imhausen Werke, G. m. b. H. Process for production of aromatic carboxylic acids. 2,821,551, 1-28-58, Cl. 260-521.
- Kauer, James C., to E. I. du Pont de Nemours and Co. Fluorinated organic isocyanates and their preparation. 2,860,154, 11-11-58, Cl. 260-453.
- Kauer, Kenneth C., to The Dow Chemical Co. O-aryl o-loweralkyl N-alkenyl phosphoroamidothioates. 2,862,018, 11-25-58, Cl. 260-461.
- Kauer, Kenneth C., and E. C. Britton, to The Dow Chemical Co. O-aryl O-methyl phosphoroamidothioates. 2,836,612, 5-27-58, Cl. 260-461.
- Kauer, Kenneth C., and E. C. Britton, to The Dow Chemical Co. O-(3,4-dichlorophenyl) O-methyl phosphoroamidothioates. 2,855,422, 10-7-58, Cl. 260-461.
- Kauer, Kenneth C., and E. C. Britton, to The Dow Chemical Co. O-(cyclohexylphenyl) phosphoroamidothioates. 2,855,426, 10-7-58, Cl. 260-46.
- Kauffman, Clark E. Survival gun. 2,852,880, 9-23-58, Cl. 42-2.
- Kauffman, Edmund J., Sr., to Valley Mould and Iron Corp. Hot top and mould assembly. 2,863,192, 12-9-58, Cl. 22-147.
- Kauffman, Eleanor M.: See—Mueller, Herman H. 2,860,880.
- Kauffman, John H., and W. F. Hope, to Studebaker-Packard Corp. Material level controls. 2,846,879, 8-12-58, Cl. 73-302.
- Kauffman, Richmond H., 1/2 to A. R. Cagliano, and 1/2 to L. J. Huberland. Screwdriver having screw retaining means. 2,860,675, 11-18-58, Cl. 145-50.

- Kaufman, Samuel H.:** *See—*
Detwiler, Robert L., Birmingham, and Kaufman. 2,837,611.
- Kaufman, Walter L.,** to Lowell Mfg. Co. Automatic control device for laundry drier. 2,858,618, 11-4-58, Cl. 34-45.
- Kaufmann, Otto T.:** *See—*
Ford, George D., and Kaufmann. 2,851,639.
- Kaufmann, William M.,** and R. R. Fruehauf, to Worthington Corp. Internal combustion engine. 2,850,000, 9-2-58, Cl. 123-169.
- Kaufmann, William M.,** to Worthington Corp. Air fuel control for two-cycle turbocharged spark ignition gas engines. 2,865,164, 12-23-58, Cl. 60-13.
- Kaufman, Alvin B.,** to Northrop Aircraft, Inc. Oscilloscope voltage calibrator. 2,866,937, 12-30-58, Cl. 324-121.
- Kaufman, Charles W.,** to Kraft Foods Co. Packaging of marshmallows. 2,835,596, 5-20-58, Cl. 99-180.
- Kaufman, Curt:** *See—*
Rollman, Heinz, Szerenyi, and Kaufman. 2,826,832.
- Kaufman, David,** and C. S. Abrams, to the United States of America as represented by the United States Atomic Energy Commission. Uranium recovery process. 2,830,871, 4-15-58, Cl. 23-145.
- Kaufman, David B.,** Automatic closure device for an enclosure. 2,821,451, 1-28-58, Cl. 312-138.
- Kaufman, Frank N.,** Pipe-marking device. 2,835,981, 5-27-58, Cl. 33-174.
- Kaufman, Harry,** Feeding apparatus. 2,865,447, 12-23-58, Cl. 161-10.
- Kaufman, Herbert C.,** to John B. Pierce Foundation. Bis (triphenoxysilyl) benzene and method of transferring heat therewith. 2,834,736, 5-13-58, Cl. 252-78.
- Kaufman, Jack,** to Compco Corp. Latch. 2,844,401, 7-22-58, Cl. 292-80.
- Kaufman, John J.,** to Steel Heddle Mfg. Co. Loom harness. 2,827,079, 3-18-58, Cl. 139-92.
- Kaufman, John K.,** and T. K. Roy, to Chemical Construction Corp. Method of treating sulfur bearing mineral values with molten sulfur to concentrate mineral sulfides. 2,838,391, 6-10-58, Cl. 75-2.
- Kaufman, John M.,** Interception block for telephone exchanges. 2,858,372, 10-28-58, Cl. 179-91.
- Kaufman, John S.:** *See—*
Walter, Albert C., and Kaufman. 2,857,629.
- Kaufman, Samuel,** to Monsanto Chemical Co. Dialkyl propynyl phosphonates. 2,843,617, 7-15-58, Cl. 260-461.
- Kaufman, Sidney,** to Shell Development Co. Seismic exploration and recording system. 2,849,076, 8-26-58, Cl. 181-5.
- Kaufman, Vern F.,** R. M. Reeve, and F. F. Wong, to United States of America. Agriculture. Tomato juice dehydration process. 2,858,226, 10-28-58, Cl. 99-206.
- Kaufmann, Adolf E.,** Stop valves. 2,840,340, 6-24-58, Cl. 251-331.
- Kaufmann, Albert,** to Firma Scintilla Ltd. Drive for hand power tools. 2,841,993, 7-8-58, Cl. 74-50.
- Kaufmann, Albert,** to Scintilla Ltd. Portable cutting apparatus. 2,862,297, 12-2-58, Cl. 30-275.
- Kaufmann, Arthur,** Knitting machine for home use and for small production. 2,856,763, 10-21-58, Cl. 66-63.
- Kaufmann, Hans P.,** Hydrogenation process and product. 2,852,541, 9-16-58, Cl. 260-409.
- Kaufmann, Henry W.,** to Sperry Rand Corp. Shifting register utilizing magnetic amplifiers. 2,834,006, 5-6-58, Cl. 340-174.
- Kaufmann, James J.:** *See—*
Huetten, Clarence, Kaufmann, and Rigsbee. 2,849,563.
- Kaufmann, Kurt,** to Automatic Druckmaschinenfabrik Dr. W. Hinniger & Sohne. Inking mechanism for high-speed cylinder printing presses. 2,841,081, 7-1-58, Cl. 100-353.
- Kaufmann, Otto:** *See—*
Pfützer, Helmut, and Kaufmann. 2,856,397.
- Kaufmann, Stanley L.,** to Marshfield Mfg. Co. Solenoid-actuated dispenser. 2,849,159, 8-26-58, Cl. 222-309.
- Kaulakis, Arnold F.:** *See—*
Jahnig, Charles E., and Kaulakis. 2,825,678.
- Kaumograph Co.:** *See—*
Lawrence, Winthrop S. 2,833,685.
- Kautenberg, W. E. Co.:** *See—*
Kautenberg, William E. 2,835,910.
- Kautenberg, William E.,** to W. E. Kautenberg Co. Wringer mop hinging construction. 2,835,910, 5-27-58, Cl. 15-119.
- Kauter, Carl T.,** and W. Leitenberger, to Röhm & Haas G. m. b. H. Catalytic apparatus and method for protecting a metallic catalyst against injury. 2,866,692, 12-30-58, Cl. 23-288.
- Kautz, George R.:** *See—*
Hemphill, Frederick A., and Kautz. 2,833,952.
- Kautz, Glenn E.,** to H. H. Robertson Co. Air discharge outlet unit. 2,844,322, 7-22-58, Cl. 236-13.
- Kautz, Karl:** *See—*
Boyce, Joseph, and Kautz. 2,862,827.
Boyce, Joseph, and Kautz. 2,864,711.
- Kautz, Karl,** Sectional continuous furnace-kiln. 2,856,172, 10-14-58, Cl. 263-6.
- Kavanaugh, Joseph G.,** Railway car with tilting turntable. 2,835,209, 5-20-58, Cl. 105-368.
- Kavanaugh, Richard J.,** P. W. King, and L. J. A. van Lieshout, to Consolidated Electronics Industries Corp. Motor speed governor. 2,840,773, 6-24-58, Cl. 318-311.
- Kawabata, Shungo,** to The International Nickel Co., Inc. Addition agent and method for treating cast iron. 2,839,393, 6-17-58 Cl. 75-130.
- Kawahara, Fred K.:** *See—*
Brown, Russell H., Fairchild, and Kawahara. 2,848,373.
- Kawasaki, Hajime:** *See—*
Fujiwara, Motonori, Watanabe, Matsukawa, Yurugi, Iwatsu, and Kawasaki. 2,833,768.
- Kawazu, Mitsutaka:** *See—*
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- Kawazura, Ryuhel, K. Fujii,** and M. Fujiwara, to Kanegafuchi Spinning Co., Ltd. Machine for forming fibre laps. 2,856,136, 10-14-58, Cl. 242-55.1.
- Kawazura, Ryuhel, K. Fujii,** and M. Fujiwara, to Kanegafuchi Spinning Co., Ltd. Apparatus for shaping fibre laps in a lap-forming machine. 2,843,332, 7-15-58, Cl. 242-55.1.
- Kawecki, Henry S.:** *See—*
Chesna, Gustave J., Kawecki, and Olivier. 2,864,647.
- Kawneer Co., The:** *See—*
Boulton, Leslie H. 2,857,995.
Johnson, David R., Muesel, and Roehm. 2,833,004.
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- Kay-Brunner Steel Products, Inc.:** *See—*
Behnke, Arnold F. 2,819,105.
- Kay-Fries Chemicals Inc.:** *See—*
Nicholl, Leonard, Trasio, and Blohm. 2,824,121.
- Kay, Ivan C.:** *See—*
Saylor, Harrison H., and Kay. 2,830,483.
- Kay, James A.,** and A. G. Rose, to Rose Brothers (Gainsborough) Ltd. Article conveying and transfer mechanism. 2,819,785, 1-14-58, Cl. 178-31.
- Kay, John G.,** to F. Jos. Lamb Co. Distributing conveyor arrangements. 2,833,393, 5-6-58, Cl. 198-85.
- Kay, John G.,** and J. K. Rye, to F. Jos. Lamb Co. Orienter. 2,853,176, 9-23-58, Cl. 198-33.
- Kay Lab.:** *See—*
Applin, Richard H., Langworthy, and Mathews. 2,866,151.
- Kay Mfg. Corp.:** *See—*
Krakauer, Edwin G. 2,843,192.
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Pietruszka, Walter M. 2,834,594.
Pietruszka, Walter M. 2,851,088.
Pietruszka, Walter M. 2,851,089.
Regan, William G. 2,843,191.
Regan, William G. 2,843,193.
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- Kay, Solomon E.:** *See—*
Dickinson, George A., and Kay. 2,842,464.
- Kay, Stanley J.,** to American Radiator & Standard Sanitary Corp. Tube expander with hammer action. 2,827,102, 3-18-58, Cl. 153-80.5.
- Kay, Tyler,** Method of determining the detergency value of oils and apparatus for use in connection therewith. 2,841,980, 7-8-58, Cl. 73-53.
- Kaybee Engineering Co., Inc.:** *See—*
Britz, Raymond N. 2,829,286.
- Kaydon Engineering Corp.:** *See—*
Bourdon, Russell G. 2,829,633.
- Kaye, Emmanuel:** *See—*
Arnot, Alfred E. R. 2,823,621.
Arnot, Alfred E. R. 2,828,879.
Arnot, Alfred E. R. 2,835,361.
Arnot, Alfred E. R. 2,855,071.
Arnot, Alfred E. R. 2,855,119.
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Arnot, Alfred E. R., and van Hooydonk. 2,843,141.
- Kaye, Gordon E.,** to P. R. Mallory & Co., Inc. Battery construction and cell therefor. 2,864,880, 12-16-58, Cl. 136-111.
- Kaye, Harold J.,** Rotary turret for power driven magazine handling slide projector. 2,854,888, 10-7-58, Cl. 88-28.
- Kaye, John C. A.:** *See—*
Gregory, Douglas H., and Kaye. 2,824,790.
- Kaye, Joseph,** and G. N. Hatsopoulos, to Research Corp. Temperature control system. 2,856,160, 10-14-58, Cl. 257-2.
- Kaye, Morton,** to The Perkin-Elmer Corp. Color deviation measuring instrument. 2,856,811, 10-21-58, Cl. 88-14.
- Kaye, Philip,** and E. E. Tate, to L. R. Peilet. Retractable brush. 2,865,039, 12-23-58, Cl. 15-184.
- Kaye, Robert K.,** to General Dynamics Corp. Reverting call circuit. 2,843,673, 7-15-58, Cl. 179-17.
- Kaye, Robert K.,** to General Dynamics Corp. Selector switch circuit. 2,857,471, 10-21-58, Cl. 179-18.
- Kaye, Robert K.,** and J. P. Weston, to General Dynamics Corp. Key telephone system. 2,845,492, 7-29-58, Cl. 179-1.
- Kaye, Wilbur I.:** *See—*
Schulken, Roger M., Jr., Kaye, Tambllyn, and Long. 2,856,638.
- Kayfes, Joe M.,** and H. R. Garner. Bow string drawing and releasing device. 2,819,707, 1-14-58, Cl. 124-35.
- Kayle, Albert W.:** *See—*
Clifford, Harry W., and Kayle. 2,827,709.
- Kayler, Frank H.:** *See—*
Nystrom, Karl F., and Kayler. 2,850,179.
- Kayler, Frank H.,** to American Steel Foundries. Spring mounted air connector coupling. 2,819,913, 1-14-58, Cl. 285-63.
- Kayler, Frank H.,** to American Steel Foundries. Railway car coupler. 2,840,246, 6-24-58, Cl. 213-113.
- Kayler, Frank H.,** to American Steel Foundries. Fifth wheel bracket. 2,856,203, 10-14-58, Cl. 280-440.

- Kayler, Frank H., and F. C. Kulieke, to American Steel Foundries. Rotary railway coupler. 2,850,180, 9-2-58, Cl. 213-72.
- Kayler, Frank H., F. C. Kulieke, and E. J. Greenawalt, to American Steel Foundries. Fifth wheel coupling mechanism. 2,861,818, 11-25-58, Cl. 280-434.
- Kayser, Albert P.: *See*—
- Stern, Melvin F., and Kayser. 2,855,949.
- Kayser, Daniel, to Societe Anonyme pour les Applications de l'Electricite et des Gaz Rares-Etablissements Claude-Paz & Silva. Circuit for energizing at least one gaseous electric discharge device. 2,846,619, 8-5-58, Cl. 315-282.
- Kayton, Robert, to Robert Kayton Associates, Inc. Rotatable display device. 2,834,479, 5-13-58, Cl. 211-164.
- Kayton, Robert, Associates, Inc.: *See*—
- Kayton, Robert. 2,834,479.
- Kaywood Corp.: *See*—
- Sherwood, Glenn L. 2,864,416.
- Kaz Mfg. Co., Inc.: *See*—
- Katzman, Lawrence, and Block. 2,824,946.
- Katzman, M. and L., and Block. 2,837,624.
- Kazan, Benjamin, to the United States of America as represented by the Secretary of the Army. Slow-wave structures. 2,831,142, 4-15-58, Cl. 315-3.6.
- Kazan, Benjamin, to Whirlpool Corp. Automatic heating and cooling control. 2,835,779, 5-20-58, Cl. 219-20.
- Kazan, Benjamin, to Radio Corp. of America. Circuit for energizing light amplifier devices. 2,839,690, 6-17-58, Cl. 250-213.
- Kazan, Benjamin, to United States of America, Army. Electrostatically focused traveling wave tube. 2,845,571, 7-29-58, Cl. 315-3.5.
- Kazan, Benjamin, to Radio Corp. of America. Flying spot generator. 2,851,634, 9-9-58, Cl. 315-54.
- Kazan, Benjamin, to Radio Corp. of America. Light-controlled waveguide attenuator. 2,856,589, 10-14-58, Cl. 333-81.
- Kazan, Benjamin, to Radio Corp. of America. Electroluminescent image reproduction. 2,858,363, 10-28-58, Cl. 178-5.4.
- Kazanowski, John J., to General Electric Co. Electrical terminal. 2,865,013, 12-16-58, Cl. 339-272.
- Kazenas, Zenon: *See*—
- Kohl, Everett F., and Kazenas. 2,820,265.
- Kazis, Albert J.: *See*—
- Kazis, Harry and A. J. 2,829,435.
- Kazis, Harry and A. J. Methods and apparatus for use in dentistry. 2,829,435, 4-8-58, Cl. 32-19.
- Kazmi, Mir A., 50% to Lukas & Associates. Preserving milk, neera and like perishable liquids. 2,829,058, 4-1-58, Cl. 99-212.
- Kazmier, Clarence M., and W. Carlson, to Link-Belt Co. Wash box discharge control. 2,834,139, 9-30-58, Cl. 209-496.
- Kazor, Sylvan M. Heat-rotated illuminated ornaments. 2,840,689, 6-24-58, Cl. 240-10.1.
- Keall, Oswald E.: *See*—
- Starks-Field, Alfred B., Keall, and Priestley. 2,841,784.
- Kealy, Joseph P.: *See*—
- Mortenson, Everett N., and Kealy. 2,827,368.
- Kean, David W.: *See*—
- Johnson, Reynold B., Harker, Kean, and Lynott. 2,857,032.
- Kean, Leonard, to Minnesota Mining and Mfg. Co. Polymerization apparatus. 2,838,380, 6-10-58, Cl. 23-285.
- Kean, Leonard, to Minnesota Mining and Mfg. Co. Self-cleaning scraper. 2,838,780, Cl. 15-104.13.
- Kearby, Kenneth K., to Esso Research and Engineering Co. Apparatus for manufacture of catalysts. 2,842,194, 7-8-58, Cl. 159-4.
- Kearby, Kenneth K., to Esso Research and Engineering Co. Hydroforming catalyst promoted by the addition of a zinc halide. 2,865,845, 12-23-58, Cl. 208-136.
- Kearby, Kenneth K., I. Kirshenbaum, and E. G. Baker, to Esso Research and Engineering Co. Method of treating a silica-alumina cracking catalyst. 2,861,945, 11-25-58, Cl. 208-120.
- Kearby, Kenneth K., and I. Kirshenbaum, to Esso Research and Engineering Co. Aromatization and naphtha reforming process wherein the catalyst is dehydrated with a gas containing C₁-C₄ hydrocarbons. 2,866,747, 12-30-58, Cl. 208-136.
- Kearfoot Co., Inc.: *See*—
- Krupick, Walter J. 2,856,777.
- McMillen, Foster. 2,839,773.
- McMillen, Foster. 2,843,871.
- McMillen, Foster. 2,866,881.
- Kearney, James J., to Diamond Alkali Co. Polymerization process utilizing dextran as a primary dispersing agent. 2,857,367, 10-21-58, Cl. 260-92.8.
- Kearney, James R., Corp.: *See*—
- Olive, William W., Jr. 2,853,581.
- Ortwig, Thomas B. 2,831,079.
- Kearney, Thomas J., to Detrex Chemical Industries, Inc. Hydraulic lift and transfer machine. 2,831,454, 4-22-58, Cl. 118-423.
- Kearney, Thomas J., to Detrex Corp. Method and apparatus utilizing focused ultrasonic transducers to produce radially dispersed compression waves. 2,831,785, 4-22-58, Cl. 134-1.
- Kearney, Thomas J., to Detrex Chemical Industries, Inc. Cleaning apparatus. 2,834,359, 5-13-58, Cl. 134-74.
- Kearney, Thomas J., to Detrex Chemical Industries, Inc. Apparatus for ultrasonic cleaning of parts with a solvent. 2,842,143, 7-8-58, Cl. 134-56.
- Kearney, Thomas J., to Detrex Corp. Cleaning method and apparatus. 2,852,417, 9-16-58, Cl. 134-1.
- Kearney & Trecker Corp.: *See*—
- Armitage, Joseph B., Wetzel, Baumbach, and Zankl. 2,843,024.
- Barker, Orrin W., Saving, and Libby. 2,835,172.
- Wetzel, Theodore A. 2,828,674.
- Wetzel, Theodore A. 2,853,626.
- Wetzel, Theodore A., and Roubik. 2,863,362.
- Kearney, William R., to General Motors Corp. Signal seeking radio control. 2,832,889, 4-29-58, Cl. 250-40.
- Kearney, William R., and M. G. Wright, to General Motors Corp. Manually loaded signal seeking tuner. 2,848,899, 8-26-58, Cl. 74-10.2.
- Kearney, William R., B. A. Schwarz, and M. G. Wright, to General Motors Corp. Solenoid driven tuner with manual drive. 2,858,715, 11-4-58, Cl. 74-10.
- Kearns, H. W., & Co. Ltd.: *See*—
- Kearns, Henry W. L. 2,826,928.
- Kearns, Henry W. L., to H. W. Kearns & Co. Ltd. Face plates of horizontal boring and facing machines. 2,826,928, 3-18-58, Cl. 74-395.
- Kearns, James L.: *See*—
- Schuetz, Gerhart W., and Kearns. 2,825,460.
- Kearns, Thomas F. Container for high pressure fluids. 2,827,195, 3-18-58, Cl. 220-3.
- Kearns, Thomas F. Process of making high pressure fluid containers. 2,833,029, 5-6-58, Cl. 29-423.
- Keast, Alfred H. Game piece agitator. 2,831,692, 4-22-58, Cl. 273-145.
- Keast, Francis H.: *See*—
- Avery, Burton A., and Keast. 2,853,854.
- Keathley, Maurice F. Sr., and R. O. Manspeaker. Sheeting apparatus for plastic material. 2,835,212, 5-20-58, Cl. 107-12.
- Keating, Bernard H., and C. P. Sprunk, to General Motors Corp. Sheet metal fastener for connecting a flexible drainage tube to a plate. 2,841,418, 7-1-58, Cl. 285-194.
- Keating, Charles E., to the United States of America as represented by the Secretary of the Navy. High strength safety seat. 2,829,702, 4-8-58, Cl. 155-2.
- Keating, Henry E., J. E. Murphy, and E. N. Poss. Reinforcing structure for barricade for box car doors. 2,827,960, 3-25-58, Cl. 160-368.
- Keating, Richard T. Narrow range thermostat. 2,846,147, 8-5-58, Cl. 236-32.
- Keating, Schuyler T. B.: *See*—
- Jones, Sam A., and Keating. 2,850,808.
- Keating, William T., to Sperry Rand Corp. Magnetic amplifier circuit. 2,820,191, 1-14-58, Cl. 323-89.
- Keaton, Frank H.: *See*—
- Bettison, David C., and Keaton. 2,842,292.
- Kebler, Richard W.: *See*—
- Drost, Wilfred, and Kebler. 2,852,890.
- Keck, Albert, to Vdo Tachometer Werke, Adolph Schindling G. m. b. H. Signal device for tachographs. 2,846,532, 8-5-58, Cl. 200-56.
- Keck, George B., to Western Electric Co. Inc. Dereeling device. 2,851,228, 9-9-58, Cl. 242-85.
- Keck, Karl, to L. Schuler, A. G. Overload safety device for power machine tools. 2,840,207, 6-24-58, Cl. 129-69.
- Keck, Paul H., to United States of America, Army. Method and apparatus for amplifying photoelectric currents. 2,853,383, 9-23-58, Cl. 96-1.
- Keck, William R., 50% to J. Rea. Table and room divider. 2,857,222, 10-21-58, Cl. 311-2.
- Keckler, John W., and W. O. Wilkening, to The Aro Equipment Corp. Combination mask and suit regulators. 2,834,348, 5-13-58, Cl. 128-142.
- Keckstein, Othmar: *See*—
- Robert, Alan A., and Keckstein. 2,838,362.
- Kedrowski, John J. Baby crib structure. 2,840,831, 7-1-58, Cl. 5-163.
- Kee, Leland M., to Air Reduction Co., Inc. Welding rod and method of welding. 2,825,793, 3-4-58, Cl. 219-146.
- Kee Lox Mfg. Co.: *See*—
- Harvey, Edmund N., Jr., and Brockway. 2,822,288.
- Yawger, Foster C., and McCarthy. 2,847,106.
- Kee, Robert: *See*—
- Berlinsky, Anthony A., Wilkinson, Kee, and Wood. 2,854,117.
- Keeble, William J. Means for applying protective battens to drums for cables and the like. 2,831,299, 4-22-58, Cl. 53-27.
- Keech, Dana E. Sign standard. 2,863,238, 12-9-58, Cl. 40-125.
- Keech, Horace, and D. H. Lehr, to C. Howard Hunt Pen Co. Pencil sharpener. 2,818,834, 1-7-58, Cl. 120-96.
- Keedy, Esther A. Clothes washing machine. 2,821,075, 1-28-58, Cl. 68-28.
- Keefe, Arthur. Inflatable chamber for pneumatic tires. 2,850,069, 9-2-58, Cl. 152-349.
- Keefe, Jack, Jr. Electrically heated liquid receptacles. 2,826,670, 3-11-58, Cl. 219-44.
- Keefer, Herbert D., and L. H. Thompson, to National Amusement Device Co. Merry-go-round. 2,866,643, 12-30-58, Cl. 272-43.
- Keegan, Barclay, to The International Nickel Co., Inc. Production of metal articles with holes in them. 2,866,727, 12-30-58, Cl. 148-4.

- Keegin, Curtis W. Audible signal system. 2,830,284, 4-8-58, Cl. 340-75.
- Keehn, George R., and J. G. Moorhead, to the United States of America as represented by the Secretary of the Army. Setting mechanism. 2,825,237, 3-4-58, Cl. 74-479.
- Keehn-O Mfg. Co.: *See*—
- Keehn, Warner L. 2,861,845.
- Keehn, Robert D.: *See*—
- Couse, Kibbey W., and Keehn. 2,844,848.
- Keehn, Warner L. Device for indicating loss or use of gas from a container holding liquified gas. 2,851,985, 9-16-58, Cl. 116-114.
- Keehn, Warner L., to Keehn-O Mfg. Co. Fluid pressure brake system. 2,861,845, 11-25-58, Cl. 303-89.
- Keel, Adolf, to Vickers Inc. Power transmission. 2,845,876, 8-5-58, Cl. 103-162.
- Keel, James H. Study board attachment for arm chairs. 2,845,113, 7-29-58, Cl. 155-123.
- Keelavite Co. Ltd., The: *See*—
- Lee, Norman. 2,853,096.
- Lee, Norman. 2,855,947.
- Levetus, Francis B., and Chittenden. 2,846,849.
- Levetus, Francis B., and Hyslop. 2,848,873.
- Keeler Brass Co.: *See*—
- Jakeway, Gerald V. 2,826,934.
- Jakeway, Gerald V. 2,840,410.
- Jakeway, Gerald V., and Keeler. 2,823,886.
- Keeler, Frederick D., to Gilbert Mfg. Co., Inc. Electrical fuse and plug-in receptacle combination. 2,849,573, 8-26-58, Cl. 200-115.5.
- Keeler, Lawrence M., J. G. Gamble, and A. J. Vincent; said Gamble and said Vincent assors. to said Keeler. Method of and apparatus for intertwining fibers to form roving or yarn. 2,853,847, 9-30-58, Cl. 57-51.
- Keeler, Miner S., II: *See*—
- Jakeway, Gerald V., and Keeler. 2,823,886.
- Keeler, Ralph P. Resistor comprising wire helically wound on pliant tape and method of preparing same. 2,860,220, 11-11-58, Cl. 201-63.
- Keeler, William R., R. J. Evans, and G. J. Prerotti, to Shell Development Co. Purification of hydrogen peroxide. 2,819,949, 1-14-58, Cl. 23-207.
- Keelerie, George F. Method of making an abrasive tool. 2,820,746, 1-21-58, Cl. 204-16.
- Keelerie, George F. Method and apparatus for electrolytic cutting, shaping and grinding. 2,826,540, 3-11-58, Cl. 204-143.
- Keeley, Kedrick V., to C. L. Craddock. Three terminal telephone substation and system embodying the same. 2,851,528, 9-9-58, Cl. 179-1.
- Keely, Clifford D., 1/2 to R. J. Baisley. Manufacture of corrugated board having tear strips. 2,829,701, 4-8-58, Cl. 154-31.
- Keema, Alexander W.: *See*—
- Conway, Thomas J., and Keema. 2,840,079.
- Keema, Alexander W. Fire actuated apparatus. 2,822,053, 2-4-58, Cl. 169-26.
- Keema, Alexander W. Sawhorse. 2,823,078, 2-11-58, Cl. 304-5.
- Keen, Harry J., P. Muller, D. Colbert, and R. J. Papaieck, to Lavoie Laboratories, Inc. Apparatus for generating stable frequencies. 2,837,650, 6-3-58, Cl. 250-36.
- Keen, Robert T., to Hercules Powder Co. Recovery of cadmium from a residue obtained in the manufacture of terphthalic acid. 2,848,487, 8-19-58, Cl. 260-515.
- Keen, William R., to Collins & Aikman Corp. Curled yarns, curled yarn fabrics and method for making same. 2,857,651, 10-28-58, Cl. 28-72.
- Keen, William R., to Collins & Aikman Corp. Fur-effect fabric and method of making same. 2,866,255, 12-30-58, Cl. 28-72.
- Keenan, Charles W.: *See*—
- Bloomer, James L., and Keenan. 2,862,307.
- Keenan, Lloyd T. Method and apparatus for forming covered index tabs on sheets. 2,845,010, 7-29-58, Cl. 93-1.
- Keenan, Vincent J.: *See*—
- Woodbridge, Joseph E., and Keenan. 2,859,250.
- Keenan, Vincent J., to The Atlantic Refining Co. Emulsifiable insecticide compositions. 2,862,848, 12-2-58, Cl. 167-42.
- Keene, Carl E. Spiraled magnetic field synchro. 2,848,632, 8-19-58, Cl. 310-27.
- Keene, Ralph W., to Universal Harvester Co. Spring finger unit for harvester reels. 2,856,748, 10-21-58, Cl. 56-400.
- Keene, Tom. Sheet positioning means for printing presses. 2,826,410, 3-11-58, Cl. 271-60.
- Kees, F. D., Mfg. Co.: *See*—
- Schaefer, George J. 2,822,008.
- Keesee, Elias E., to Texas Instruments Inc. Drill bit. 2,830,793, 4-15-58, Cl. 255-61.
- Keesee, James E., to Mid-States Steel & Wire Co. Wire coiling apparatus. 2,847,171, 8-12-58, Cl. 242-82.
- Keesling, C. H.: *See*—
- Keesling, Thomas B. 2,862,773.
- Keesling, Thomas B.: *See*—
- Perrelli, Joseph, and Keesling. 2,826,227.
- Keesling, Thomas B., 1/2 to C. H. Keesling. Bearing element. 2,862,773, 12-2-58, Cl. 308-219.
- Kegerise, Wesley R., to The Carpenter Steel Co. Alloy steel. 2,826,496, 3-11-58, Cl. 75-125.
- Kehde, Howard, J. L. Lafferty, and R. R. Montgomery, to Union Oil Co. of California. Selective adsorption process. 2,850,114, 9-2-58, Cl. 183-114.2.
- Kehe, Henry J.: *See*—
- Newton, Edwin B., and Kehe. 2,824,107.
- Kehe, Henry J., and E. B. Newton, to The B. F. Goodrich Co. Method for making metal phthalocyanine pigments. 2,824,108, 2-18-58, Cl. 260-314.5.
- Kehe, Henry J., and S. E. Horne, Jr., to The B. F. Goodrich Co. Method for making metal phthalocyanine pigments. 2,825,733, 3-4-58, Cl. 260-314.5.
- Kehl, Arno. Few teeth saw blade. 2,850,056, 9-2-58, Cl. 143-133.
- Kehoe, James A. Floor-jack. 2,836,394, 5-27-58, Cl. 254-12.
- Kehr, Clifton L.: *See*—
- Arnold, Robert G., Kehr, and Verbanac. 2,846,416.
- Kehrli, Werner A., Sr.: *See*—
- Olson, William O., and L. L., and Kehrli. 2,852,903.
- Keidel, Frederick A., to E. I. du Pont de Nemours and Co. Apparatus for water determination. 2,830,945, 4-15-58, Cl. 204-195.
- Keiding Paper Products Co.: *See*—
- Cotton, William J. 2,858,647.
- Keifer, William L., to Comstock Foods, Inc. Seed-celling knife. 2,820,496, 1-21-58, Cl. 146-40.
- Keifer, William L., to Comstock Foods, Inc. Process for seed-celling apples and the like. 2,863,482, 12-9-58, Cl. 146-238.
- Keigher, Bernard J.: *See*—
- Jacoby, Donald L., Keigher, and Mack. 2,839,728.
- Keight, Albert W., and R. T. Armstrong, to Celanese Corp. of America. Production of filaments. 2,838,792, 6-17-58, Cl. 18-8.
- Keil, Henry P., to The Fixture Hardware Corp. Liquid process duplicating machine. 2,856,847, 10-21-58, Cl. 101-132.5.
- Keil, Henry P., to Fixture Hardware Corp. Feed tray for duplicating machines. 2,857,159, 10-21-58, Cl. 271-61.
- Keil, Theodore R.: *See*—
- Britton, Edgar C., and Keil. 2,854,479.
- Keil, William E. B., Braking mechanism. 2,821,269, 1-28-58, Cl. 188-164.
- Keilbach, Paul C. Resiliently coiled chain constructions and links therefor. 2,840,983, 7-1-58, Cl. 59-83.
- Keim, Charles E. Circle cutting attachment. 2,854,076, 9-30-58, Cl. 164-71.
- Keim, Gerald I., to Hercules Powder Co. Use of cationic-modified urea-formaldehyde resins in the manufacture of wet strength paper. 2,826,500, 3-11-58, Cl. 92-3.
- Keim, Gerald I., to Hercules Powder Co. Coated film and method of making same. 2,864,724, 12-16-58, Cl. 117-76.
- Keimatsu, Shotaro: *See*—
- Hiratsuka, Kizo, Yonemitsu, Itabashi, Date, and Keimatsu. 2,861,107.
- Keiper, Oswald J. Vertical flying machine. 2,829,846, 4-8-58, Cl. 244-23.
- Keir and Cawder Ltd.: *See*—
- Rae, Thomas L. 2,824,674.
- Keir, John B., to Fruehauf Trailer Co. Low bed trailer with removable gooseneck. 2,854,162, 9-30-58, Cl. 214-506.
- Keiser, Bernhard E., to White-Rodgers Co. All channel television tuner. 2,859,419, 11-4-58, Cl. 333-82.
- Keiser, David H., Jr. Shearing device. 2,840,906, 7-1-58, Cl. 30-268.
- Keiser, David H., Jr. Grass cutting shears and the like. 2,840,976, 7-1-58, Cl. 56-241.
- Keiser, Rufus D.: *See*—
- Stern, Rudolph E., and Keiser. 2,866,387.
- Keister, Harold E. Universally adjustable mechanical puller. 2,821,776, 2-4-58, Cl. 29-259.
- Keister, Harold E. Sliding center mechanical puller. 2,821,777, 2-4-58, Cl. 29-259.
- Keiter, Webster F. Electron-air-metal disintegrator. 2,852,658, 9-16-58, Cl. 219-70.
- Keith, Carl D.: *See*—
- Teter, John W., Gring, Hettinger, and Keith. 2,830,090.
- Teter, John W., Gring, and Keith. 2,838,375.
- Teter, John W., Gring, and Keith. 2,838,444.
- Teter, John W., Keith, and Gring. 2,838,445.
- Keith, Carl D., to Sinclair Research Laboratories, Inc. Sampling apparatus. 2,837,920, 6-10-58, Cl. 73-424.
- Keith, Clyde R., and C. A. Nickerson, to Bell Telephone Laboratories, Inc. Drive mechanism and stop mechanism. 2,827,995, 3-25-58, Cl. 192-142.
- Keith, Clyde R., C. A. Nickerson, and C. M. Taris, to Bell Telephone Laboratories, Inc. Automatic telephone answering system. 2,846,505, 8-5-58, Cl. 179-6.
- Keith, Donald E.: *See*—
- Reed, David A., Jr., and Keith. 2,859,841.
- Keith, Glenn. Bowling ball. 2,842,367, 7-8-58, Cl. 273-63.
- Keith, Irvin A. Knockdown boat. 2,829,385, 4-8-58, Cl. 9-2.
- Keith, Ivan W.: *See*—
- Stern, Howard H., and Keith. 2,864,255.
- Keith, Ivan W., to The Ryan Aeronautical Co. Vertical velocity thrust control for hovering V. T. O. aircraft. 2,844,338, 7-22-58, Cl. 244-77.
- Keith, John V., to Universal Winding Co. Tension for a winding machine. 2,842,321, 7-8-58, Cl. 242-45.
- Keith, John V., to Universal Winding Co. Cop tube driving connection. 2,860,838, 11-18-58, Cl. 242-46.3.
- Keith, Noel. Wheel lock. 2,866,665, 12-30-58, Cl. 301-9.
- Keith, Percival C., to Hydrocarbon Research, Inc. Heavy oil conversion to gasoline. 2,853,433, 9-23-58, Cl. 196-49.

- Keith, Raymond E. Fishing lure. 2,822,637, 2-11-58, Cl. 43-42.5.
- Keith, Wayland D.: See—
- Jessup, Jacob D. 2,852,021.
- Keith, Willis C.: See—
- Friedman, Bernard S., Patinkin, and Keith. 2,853,535.
- Keizer, Eugene O.: See—
- Burns, Leslie L., Jr., and Keizer. 2,834,878.
- Keizer, Eugene O., to Radio Corp. of America. Automatic gain control circuits. 2,819,337, 1-7-58, Cl. 178-7.3.
- Keizer, Eugene O., and M. G. Kroger, to Radio Corp. of America. Automatic gain control circuit. 2,819,353, 1-7-58, Cl. 179-17.1.
- Keizer, Eugene O., and M. G. Kroger, to Radio Corp. of America. Keyed automatic gain control means. 2,820,111, 1-14-58, Cl. 179-17.1.
- Kelbel, Donald W.: See—
- Orr, Palmer, and Kelbel. 2,822,705.
- Kelbel, Donald W., to Borg-Warner Corp. Two path power flow turbine transmission. 2,821,867, 2-4-58, Cl. 74-68.8.
- Kelbel, Donald W., to Borg-Warner Corp. Planetary gearing. 2,821,869, 2-4-58, Cl. 74-76.3.
- Kelbel, Donald W., to Borg-Warner Corp. Transmission. 2,835,143, 5-20-58, Cl. 74-66.5.
- Kelbel, Donald W., to The Borg-Warner Corp. Transmission. 2,853,890, 9-30-58, Cl. 74-66.5.
- Kelbel, Donald W., and P. Orr, to Borg-Warner Corp. Planetary gearing designs. 2,844,975, 7-29-58, Cl. 74-75.9.
- Kelco Co.: See—
- Habersberger, Frank, and Politi. 2,857,236.
- McNeely, William H., and O'Connell. 2,860,130.
- Saddington, Arthur W. 2,829,773.
- Kelek Co.: See—
- Burt, Charles E., Kussmaul, and MacKechnie. 2,845,512.
- Keleket X-Ray Corp., The: See—
- Frecking, George F., Jr., and Haupt. 2,819,406.
- Haupt, Walter H. 2,819,407.
- Haupt, Walter H. 2,854,302.
- Schepker, Paul F. 2,835,824.
- Kelher, Lester J. N., and L. L. Northrup, Jr. Parts cleansing machines. 2,825,349, 3-4-58, Cl. 134-10.5.
- Kelish, Edward H., C. A. Vinton, and R. L. Burcham, to Universal Metal Products, Inc. Filler cap. 2,844,274, 7-22-58, Cl. 220-25.
- Kelite Products, Inc.: See—
- McDonald, Louis, and Miller. 2,853,372.
- Miller, Daniel E. 2,826,517.
- Kelk, George F., and N. Klompas, to A. V. Roe, Canada, Ltd. Adjustable gas turbine shroud ring segments. 2,858,104, 10-28-58, Cl. 253-78.
- Kell, Clement W., to General Steel Castings Corp. Railway truck structure. 2,821,148, 1-28-58, Cl. 105-19.0.
- Kell, Clement W., J. K. Erzer, and B. S. Cain, deceased (by The First National Bank, executor), to General Steel Castings Corp., and General Electric Co. Railway vehicle truck structure. 2,829,605, 4-8-58, Cl. 105-18.5.
- Kell, Waldo R. Tire chain cross link. 2,866,491, 12-30-58, Cl. 152-23.0.
- Kellam, David S. Hose clamp. 2,825,525, 3-4-58, Cl. 251-9.
- Kelloher, Herbert W., to Bailey-Kelloher Co. Mirror and support means. 2,845,846, 8-5-58, Cl. 88-10.0.
- Kelleher, John P. Boiling kettle. 2,845,059, 7-29-58, Cl. 126-38.6.
- Kelleher, Kenneth S.: See—
- Peeler, George D. M., and Kelleher. 2,835,891.
- Kelleher, Kenneth S. Radiant energy reflector. 2,866,971, 12-30-58, Cl. 343-75.5.
- Kelleigh, Waldo J., to Electrical Apparatus Co., Inc. Switch assembly. 2,825,778, 3-4-58, Cl. 200-67.
- Kelleigh, Waldo J., to Electrical Apparatus Co., Inc. Snap switch. 2,825,779, 3-4-58, Cl. 200-67.
- Keller, Arthur C.: See—
- Kleinmann, Erwin S., Keller, Moore, Horn, and Lindblom. 2,838,991.
- Marshall, William A., Alexander, and Keller. 2,822,217.
- Keller, Curt: See—
- Akeret, Jakob, and Keller. 2,820,598.
- Akeret, Jakob, and Keller. 2,820,599.
- Keller, Ernst: See—
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- Keller, Gustave P. Adjustable leg structure. 2,842,415, 7-8-58, Cl. 311-39.
- Keller, Hans, to Keller & Romer G. m. b. H. Dispensing apparatus. 2,827,208, 3-18-58, Cl. 222-33.2.
- Keller, Harold C.: See—
- Gerst, Chris, and Keller. 2,866,360.
- Keller, Heinz, K. Lampatz, and R. Brodt, to Parker Rust Proof Co. Solution and method for producing heat resistant electrical insulation coatings on ferrous surfaces. 2,835,618, 5-20-58, Cl. 148-6.16.
- Keller, Herbert, and W. Kunz, to Chemie Grunenthal G. m. b. H. Products of the amino-piperidine-2,6-dione series. 2,830,991, 4-15-58, Cl. 260-28.1.
- Keller, Herman J., to Brogdex Co. Method of inhibiting bacteria, mold, etc., growth on strawberries. 2,828,210, 3-25-58, Cl. 99-15.1.
- Keller, Horace D., Jr., L. L. Ness, S. F. Oberdier, and J. H. Wolf, to York-Hoover Corp. Burial casket and retaining bracket therefor. 2,848,783, 8-26-58, Cl. 27-18.
- Keller, Howard F., Jr.: See—
- Sandiford, Burton B., and Keller. 2,827,964.
- Keller, Howard F., Jr., to Union Oil Co. of California. Corrosion prevention. 2,824,835, 2-25-58, Cl. 252-8.55.
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- Keller, John G., to Esso Research and Engineering Co. Lubrication of refrigerator equipment. 2,822,333, 2-4-58, Cl. 252-49.6.
- Keller, Joseph. Containers. 2,844,893, 7-29-58, Cl. 40-4.
- Keller, Konrad H., S. H. Flood, and W. Buser, to Brown Boveri (Canada) Ltd. Metalclad switchgear with interlock. 2,851,549, 9-9-58, Cl. 200-50.
- Keller, Manfred: See—
- Ploke, Martin, and Keller. 2,862,126.
- Keller Mfg. Co., The: See—
- Eckart, Robert H. 2,835,385.
- Keller, Mary L. Closure retainer kit. 2,844,275, 7-22-58, Cl. 220-38.5.
- Keller, Robert, to Geratebau-Anstalt Balzers. Instrument for measuring a vacuum. 2,824,246, 2-18-58, Cl. 313-54.
- Keller, Robert, to Akt. Brown, Boveri & Cie. Generator control system. 2,837,710, 6-3-58, Cl. 322-24.
- Keller, Robert R. Decorative molding strips and the like. 2,843,889, 7-22-58, Cl. 20-74.
- Keller & Romer G. m. b. H.: See—
- Keller, Hans. 2,827,208.
- Keller, Siegfried, to Machine Tool Works Oerlikon, Administration Co. Brake control device. 2,821,441, 1-28-58, Cl. 303-60.
- Keller, Siegfried, to Machine Tool Works Oerlikon, Administration Co. Fluid pressure brake. 2,829,926, 4-8-58, Cl. 303-38.
- Keller, Warren F.: See—
- Williamson, Hilding V., Hesson, and Keller. 2,837,414.
- Keller, Wayne H., and I. S. Zonis, to National Research Corp. Method of producing titanium. 2,846,303, 8-5-58, Cl. 75-84.5.
- Keller, Wayne H., and I. S. Zonis, to National Research Corp. Method of producing titanium. 2,846,304, 8-5-58, Cl. 75-84.5.
- Keller, Wayne H., and I. S. Zonis, to National Research Corp. Production of metals. 2,847,299, 8-12-58, Cl. 75-84.1.
- Keller, Wayne H., and I. S. Zonis, to National Research Corp. Method of producing titanium. 2,848,319, 8-19-58, Cl. 75-84.5.
- Keller, Wayne H., and I. S. Zonis, to National Research Corp. Method of producing chromium and niobium. 2,848,320, 8-19-58, Cl. 75-84.5.
- Keller, William E., N. E. Kidwell, and D. F. Oliver, to United States of America, Army. Device for inspecting the straightness of bores. 2,864,280, 12-16-58, Cl. 88-14.
- Kellerman, William: See—
- Kling, Alfred G., and Kellerman. 2,865,188.
- Kelley, Alvie E., to Kelley Industries, Inc. Cam actuated thread cutting machine. 2,825,269, 3-4-58, Cl. 90-11.64.
- Kelley, Benjamin F. Power slips with warning signal means. 2,829,617, 4-8-58, Cl. 116-65.
- Kelley, Carl S., to Phillips Petroleum Co. Recovery and use of olefins and hydrogen sulfide in gases. 2,861,113, 11-18-58, Cl. 260-67.7.
- Kelley, Cecil S., to Westinghouse Air Brake Co. Airplane weight responsive wheel brake apparatus. 2,824,713, 2-25-58, Cl. 244-11.1.
- Kelley, Floyd C., to United States of America, Navy. Method of making thin metal sheets. 2,837,817, 6-10-58, Cl. 29-42.4.
- Kelley, Fred W., Jr., and C. M. Siegel, to General Electric Co. Magnetic amplifier. 2,827,606, 3-18-58, Cl. 318-51.3.
- Kelley, George G.: See—
- Gundlach, Joseph C., and Kelley. 2,824,973.
- Kelley, George S.: See—
- Clark, Donald B., Kelley, and Mahnken. 2,846,843.
- Kelley, George S., and W. W. Mahnken, to Curtiss-Wright Corp. Control for variable area convergent-divergent exhaust nozzle. 2,858,668, 11-4-58, Cl. 60-35.6.
- Kelley, Gilbert A., to Surface Combustion Corp. Liquid type air conditioning apparatus and method for marine applications. 2,852,090, 9-16-58, Cl. 183-2.
- Kelley, Gilbert A., and H. E. Parker, to Surface Combustion Corp. and Bethlehem Steel Co. Dehumidifying apparatus. 2,857,015, 10-21-58, Cl. 183-2.
- Kelley Industries, Inc.: See—
- Kelley, Alvie E. 2,825,269.
- Kelley, John F.: See—
- Schieser, Warren J., Kelley, and Marshall. 2,822,577.
- Kelley, Oliver K., to General Motors Corp. Hydraulic torque converter fluid supply and cooling system. 2,818,708, 1-7-58, Cl. 60-54.
- Kelley, Oliver K., to General Motors Corp. Transmission. 2,821,095, 1-28-58, Cl. 74-64.5.
- Kelley, Oliver K., and G. K. Hause, to General Motors Corp. Liquid cooled friction brake. 2,828,840, 4-1-58, Cl. 188-26.4.

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- Kelley, Oliver K., and G. K. Hause, to General Motors Corp. Friction brake cooling system. 2,832,429, 4-29-58, Cl. 180-54.
- Kelley, Oliver K., G. K. Hause, and B. Heck, to General Motors Corp. Liquid cooled friction brake. 2,835,357, 5-20-58, Cl. 188-264.
- Kelley, Oliver K., to General Motors Corp. Fluid cooling system for liquid cooled friction brakes. 2,837,181, 6-3-58, Cl. 188-264.
- Kelley, Oliver K., to General Motors Corp. Control linkage for brake mechanism. 2,846,031, 8-5-58, Cl. 188-152.
- Kelley, Oliver K., G. K. Hause, and C. C. Wrigley, to General Motors Corp. Windshield wiper actuating mechanism. 2,847,978, 8-19-58, Cl. 121-158.
- Kelley, Oliver K., to General Motors Corp. Automotive gas turbine. 2,852,912, 9-23-58, Cl. 60-39.16.
- Kelly, Oliver K., to General Motors Corp. Speed responsive fluid clutch with variable pressure controls. 2,853,167, 9-23-58, Cl. 192-87.
- Kelley, Oliver K., to General Motors Corp. Hydrodynamic drive devices. 2,860,747, 11-18-58, Cl. 192-3.2.
- Kelley, Oliver K., and R. S. Plexico, to General Motors Corp. Transmission control system. 2,865,227, 12-23-58, Cl. 74-645.
- Kelley, Ralph R., and F. B. Colby, to Westinghouse Electric Corp. Mounting means for a bushing. 2,845,477, 7-29-58, Cl. 174-163.
- Kelley, Thomas F. Physical exerciser. 2,842,365, 7-8-58, Cl. 272-69.
- Kelley, Vern V. Liquid heating device for warming engines and the like. 2,858,823, 11-4-58, Cl. 123-142.5.
- Kelley, Walter E., to Providence Braid Co. Braiding machine. 2,847,897, 8-19-58, Cl. 87-19.
- Kelley, William D. Press for dental investment material. 2,864,125, 12-16-58, Cl. 18-5.7.
- Kelliher, Maurice G., to High Voltage Engineering Corp. Charged-particle accelerator. 2,820,142, 1-14-58, Cl. 250-27.
- Kelling, Leroy U. C.: *See*—
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- Kelling, Leroy U. C., to General Electric Co. Director positioning system. 2,820,186, 1-14-58, Cl. 318-30.
- Kelling, Leroy U. C., and L. R. Peaslee, to General Electric Co. Automatic programming servomotor control system. 2,848,670, 8-19-58, Cl. 318-30.
- Kellog, Henry B., to General Aniline & Film Corp. Method of protecting plants by applying a pesticidal amount of a polyvinylpyrrolidone-iodine adduct. 2,853,416, 9-23-58, Cl. 167-33.
- Kellogg Co.: *See*—
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- Kellogg, Joseph, to Nordberg Mfg. Co. Positive hoist control. 2,823,897, 2-18-58, Cl. 254-173.
- Kellogg, Louis H.: *See*—
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- Kellogg, M. W., Co., The: *See*—
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- Kellogg, M. W., Co., The: *See*—Continued
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Kellogg, William D., and J. A. Truitt, to American Viscose Corp. Tension device for multiple twist type of twister. 2,827,756, 3-25-58, Cl. 57-58.86.
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Zabel, Harold H., and Kelly. 2,863,974.
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Kelly, Harry J.: *See*—
Brandt, John B., Kelly, and Burns. 2,862,462.
Kelly, Isalah B., to Cataphote Corp. Production of glass beads. 2,850,845, 9-9-58, Cl. 49-84.
Kelly, Jack J., and J. S. Jaquith, to Bendix Aviation Corp. Combination valve means. 2,849,023, 8-26-58, Cl. 137-546.
Kelly, Joe T.: *See*—
Knight, Harmon M., and Kelly. 2,824,150.
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Knight, Harmon M., and Kelly. 2,824,155.
Knight, Harmon M., and Kelly. 2,824,157.
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Kelly, Joe T., to The American Oil Co. Alkylation process. 2,843,642, 7-15-58, Cl. 260-683.44.
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- Kelly, John D. Meter assembly. 2,836,793, 5-27-58, Cl. 324-115.
- Kelly, Luther I. Kitchen utensil. 2,851,297, 9-9-58, Cl. 294-1.
- Kelly, Martin J.: *See*—
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- Kelly, Martin J., to International Business Machines Corp. Subcycle control for serial-parallel printer. 2,863,549, 12-9-58, Cl. 197-133.
- Kelly, Martin J., and J. E. Wallace, to International Business Machines Corp. Amalgam contact material. 2,850,382, 9-2-58, Cl. 75-169.
- Kelly, Patrick S.: *See*—
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- Kelly, Peter B., and M. B. Blinn, to Gulf Research & Development Co. Hydrocarbon compositions containing the water-insoluble nitric acid oxidation product of hydrocarbons. 2,852,355, 9-16-58, Cl. 44-72.
- Kelly, Ralph, and W. Reid. Draft roll cleaning and burnishing apparatus. 2,826,773, 3-18-58, Cl. 15-21.
- Kelly, Richard and P. S., to International Standard Electric Corp. Regulated power supply equipment. 2,847,584, 8-12-58, Cl. 307-150.
- Kelly, Robert B., and J. J. Sloan, to Pastushin Aviation Corp. Means for mounting jettisonable stores on aircraft. 2,856,224, 10-14-58, Cl. 294-83.
- Kelly, Stanley, to Cosmocord Ltd. Transducers. 2,862,068, 11-25-58, Cl. 179-100.41.
- Kelly, Thomas J. Sliding door. 2,844,849, 7-29-58, Cl. 20-19.
- Kelly, Thomas M.: *See*—
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- Kelly, Walter B., to I-T-E Circuit Breaker Co. Arcing horn for circuit interrupter. 2,831,931, 4-22-58, Cl. 200-48.
- Kelly, Walter W.: *See*—
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- Kelly, William D.: *See*—
Tuttle, Daniel V., and Kelly. 2,837,622.
- Kelly, William D., to Tuttle & Kift, Inc. Heating unit end mounting. 2,831,100, 4-15-58, Cl. 219-37.
- Kelly, William J., Jr., and W. W. Larkin. Emergency brake for vehicles. 2,839,163, 6-17-58, Cl. 188-4.
- Kelm, Harold M.: *See*—
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- Kelman, Le Roy R., and F. L. Yaggee, to United States of America, Atomic Energy Commission. Can handling fixtures. 2,845,762, 8-5-58, Cl. 53-111.
- Kelnhofer, Sylvester A.: *See*—
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- Kelsea, Kenneth A.: *See*—
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- Kelsey, Cadwallader W. Rotary soil working device. 2,823,597, 2-18-58, Cl. 97-40.
- Kelsey, Cadwallader W. Tractor with power take-off and implement coupling means. 2,829,723, 4-8-58, Cl. 180-53.
- Kelsey, Cadwallader W. Lawn edger with vibratory blade. 2,863,274, 12-9-58, Cl. 56-26.5.
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- Atkin, Rupert L. 2,855,015.
- Ayers, David T., Jr. 2,828,719.
- Ayers, David T., Jr. 2,844,941.
- Ayers, David T., Jr. 2,848,980.
- Ayers, David T., Jr. 2,852,921.
- Ayers, David T., Jr. 2,862,477.
- Barnes, William A. 2,861,488.
- Barnes, William A. 2,861,489.
- Barnes, William A. 2,863,344.
- Brehm, Charles M. 2,837,156.
- Caswell, Edgar F. 2,818,617.
- Fenner, George F. 2,842,402.
- Fifield, Edward. 2,839,336.
- Gollwitzer, George E. 2,854,743.
- Hamjian, Harry J., and Darniara. 2,847,708.
- Henry, Augustus P. 2,832,317.
- Hibbard, Thomas L. 2,851,131.
- Hill, Edward G. 2,845,147.
- Hill, Edward G., and Ingres. 2,849,864.
- Ingres, Jeannot G. 2,828,720.
- Ingres, Jeannot G. 2,832,316.
- Ingres, Jeannot G. 2,834,184.
- Ingres, Jeannot G. 2,836,265.
- Ingres, Jeannot G. 2,844,003.
- Ingres, Jeannot G. 2,866,318.
- Ingres, Jeannot G., and Ayers. 2,862,365.
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- Kelly, John C. 2,841,864.
- Lafferty, Edward C. 2,856,997.
- Main, John A. 2,833,378.
- Main, John A. 2,833,543.
- Main, John A., and Sinclair. 2,840,422.
- Palmer, Harry A. 2,826,161.
- Rauli, William J. 2,862,340.
- Ross, Elmer R. 2,829,225.
- Ross, Elmer R. 2,842,229.
- Rozmus, Walter J. 2,861,487.
- Rozmus, Walter J. 2,861,490.
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- Schuster, Ludwig K., and Baldi. 2,853,406.
- Schuster, Ludwig K., and Baldi. 2,861,906.
- Sharpe, Frederick P. 2,828,849.
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- Sinclair, Charles W. 2,826,457.
- Stelzer, William. 2,852,920.
- Stelzer, William. 2,853,056.
- Stelzer, William. 2,857,988.
- Stelzer, William. 2,862,364.
- Temple, Robert B. 2,839,335.
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- Trautvetter, George. Re. 24,455.
- Whitten, Owen M. 2,842,332.
- Whitten, Owen M. 2,861,427.
- Kelsey, Herbert O. Toolholder for reamers and the like. 2,865,642, 12-23-58, Cl. 279-16.
- Kelsh, Harry T., to The Kelsh Instrument Co., Inc. Compensator for photogrammetric projection instruments. 2,833,178, 5-6-58, Cl. 88-24.
- Kelsh Instrument Co., Inc. The: *See*—
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- Kelso, Edward A., to Esso Research and Engineering Co. Method for conducting catalytic reaction using a fluidized solid catalyst. 2,831,800, 4-22-58, Cl. 196-52.
- Kelso, Edward A., to Esso Research and Engineering Co. Process for controlling catalytic cracking process. 2,850,437, 9-2-58, Cl. 196-52.
- Keltner, Amos L. Circulating swabs for wells. 2,825,411, 3-4-58, Cl. 166-177.
- Kelto, Rudolf E., and M. H. Smith, to Cutler-Hammer, Inc. Support assembly for electromagnet armatures. 2,848,663, 8-19-58, Cl. 317-198.
- Kelton, Mervyn W.: *See*—
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- Kelton, Sam, Jr.: *See*—
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- Keltz, Max J., to Perkins Machine and Gear Co. Spring forming apparatus. 2,820,488, 1-21-58, Cl. 140-75.
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- Kelvin & Hughes Ltd.: *See*—
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- Rankin, Alexander B. C. 2,847,853.
- Saunders, Peter S. 2,824,918.
- Saunders, Peter S. 2,866,335.
- Stevenson, Ian W., and Turner. 2,850,942.
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- Wilson, Robert. 2,830,201.
- Wright, Gordon P. 2,854,762.
- Kel-Win Mfg. Co., Inc.: *See*—
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- Kem Button Corp.: *See*—
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- Kember, Norman F., and J. Aveston, to National Research Development Corp. Recovery of gold from aqueous cyanide solution. 2,839,389, 6-17-58, Cl. 75-118.
- Kemeny, George A.: *See*—
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- Kemiska A B Candor: *See*—
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- Kemmerer, Kenneth S., to Mead Johnson & Co. Dietary seasoning composition. 2,829,056, 4-1-58, Cl. 99-143.
- Kemmerer, Ralph R., to Westinghouse Air Brake Co. Means for checking the operation of track instrument. 2,827,563, 3-18-58, Cl. 246-160.
- Kemmerer, Ralph R., to Westinghouse Air Brake Co. Highway crossing protection control apparatus. 2,838,656, 6-10-58, Cl. 246-130.
- Kemmerer, Ralph R., to Westinghouse Air Brake Co. Railway signaling for intersecting tracks. 2,841,699, 7-1-58, Cl. 246-161.
- Kemmerer, Ralph R., to Westinghouse Air Brake Co. Highway crossing protection control apparatus employing track instrument. 2,852,665, 9-16-58, Cl. 246-126.
- Kemmetmüller, Roland, to Waagner-Biro Aktiengesellschaft. Combined centrifugal separator and heat exchanger. 2,818,935, 1-7-58, Cl. 183-32.
- Kemmetmüller, Roland, and R. Rinesch, to Waagner-Biro Akt. and Vereinigte Österreichische Eisen- und Stahlwerke Akt. Treating converter waste gases. 2,831,762, 4-22-58, Cl. 75-60.
- Kemp, Alexander D.: *See*—
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- Kemp, Alton L.: *See*—
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- Kemp, Clayton J. Box folding equipment. 2,866,393, 12-30-58, Cl. 93-49.
- Kemp, Gibson D. Mechanical floor mat. 2,860,366, 11-18-58, Cl. 15-311.
- Kemp, Jacob D.: *See*—
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- Kemp, Jacob D., to California Research Corp. Polymerization process. 2,826,622, 3-11-58, Cl. 260-683.15.
- Kemp, Jacob D., to California Research Corp. Two-stage treating process. 2,847,362, 8-12-58, Cl. 196-50.
- Kemp, Jacob D., and R. P. Sieg, to California Research Corp. Conversion of wax into oil. 2,847,358, 8-12-58, Cl. 196-49.
- Kemp, Manning H., to The Pure Oil Co. Stuffing boxes. 2,864,631, 12-16-58, Cl. 286-26.
- Kemp, Paul. Process of removing lead from copper base alloys. 2,825,644, 3-4-58, Cl. 75-120.
- Kemp, Robert H.: *See*—
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- Kemp, Stanley W.: *See*—
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- Kemp, William D.: *See*—
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- Kemp, William G. Acoustical system. 2,841,255, 7-1-58, Cl. 189-88.
- Kemp, William H., to George Mann & Co. Ltd. Step and repeat mechanism for photo-copying machines. 2,827,840, 3-25-58, Cl. 95-73.
- Kemper, Edmund J. Circular digger. 2,830,790, 4-15-58, Cl. 255-3.
- Kemper, Harry C., and C. J. Hunt, to The R. K. Le Blond Machine Tool Co. Handwheel actuated machine tool mechanism. 2,865,242, 12-23-58, Cl. 82-31.
- Kemper, James M., to The Garrett Corp. Refrigeration compressor. 2,846,140, 8-5-58, Cl. 230-232.
- Kemper, Robert J., to the United States of America as represented by the Secretary of War. Wide band homing system. 2,831,189, 4-15-58, Cl. 343-844.
- Kempf, Adolph: *See*—
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- Kempf, Norman W., to General Foods Corp. Chocolate product and process. 2,863,772, 12-9-58, Cl. 99-23.
- Kempler, Fred: *See*—
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- Kempler, Frederick, to Levy Auto Parts Co. Ltd. Ammunition. 2,818,811, 1-7-58, Cl. 102-45.
- Kempsmith Machine Co.: *See*—
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- Kempter, Charles P., and C. Alvarez-Tostado, to Owens-Illinois Glass Co. Process for the controlled deposition of silicon dihalide vapors onto selected surfaces. 2,840,489, 6-24-58, Cl. 117-106.
- Kenaga, Duane L.: *See*—
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- Kenco Products Corp.: *See*—
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Steele, Vernon P. 2,837,246.
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- Kendall Co., The: *See*—
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- Kendall, Edgar H.: *See*—
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- Kendall, Edgar H., to Heppenstall Co. Tongs. 2,821,318, 1-28-58, Cl. 214-658.
- Kendall, Edgar H. Forging manipulator. 2,864,271, 12-16-58, Cl. 78-96.
- Kendall, Frederick W. Means for feeding bar stock in automatic machine tools. 2,848,786, 8-26-58, Cl. 29-93.
- Kendall, Giles A., to Menasco Mfg. Co. Linkage mechanism. 2,838,944, 6-17-58, Cl. 74-99.
- Kendall, Hugh C.: *See*—
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- Kendall, John D.: *See*—
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- Kendall, John D., and G. F. Duffin, to Ilford Ltd. Cyanine dyestuffs. 2,845,418, 7-29-58, Cl. 260-240.
- Kendall, Robert A., to Vancouver Plywood Co. Tongue and groove plywood. 2,823,433, 2-18-58, Cl. 20-92.
- Kendall, Roy C., to Owens-Illinois Glass Co. Building structures. 2,860,503, 11-18-58, Cl. 72-16.
- Kendall, William B.: *See*—
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- Kendall, William B., to Eastman Kodak Co. Photographic duplicating process. 2,832,371, 9-16-58, Cl. 96-28.
- Kendig, Paul M., and M. T. Pigott, to United States of America, Navy. Transducer testing apparatus. 2,857,757, 10-28-58, Cl. 73-672.
- Kendon Developments Ltd.: *See*—
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- Kendon Electronics, Inc.: *See*—
Oestreicher, Warren J. 2,841,675.
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- Kendon, Owen M., to Kendon Developments Ltd. Household water heating apparatus. 2,852,656, 9-16-58, Cl. 219-38.
- Kendrick, Robert W.: *See*—
Snow, Henry J., and Kendrick. 2,863,493.
- Kenfield Corp.: *See*—
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- Kenkel, Howard H., to North American Aviation, Inc. Temperature controlled heating system. 2,866,064, 12-23-58, Cl. 219-1077.
- Kenkyn-jo, Noguchi: *See*—
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- Kenline, Fred W. Insecticide bomb. 2,856,725, 10-21-58, Cl. 43-132.
- Kenmoku, Masamichi, to International Standard Electric Corp. Traveling wave tube. 2,856,555, 10-14-58, Cl. 315-35.
- Kenmore, Herbert, and W. J. Manson, to National-Standard Co. Wire reeling apparatus. 2,863,615, 12-9-58, Cl. 242-83.
- Kennametal Inc.: *See*—
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- Kennaway, Alexander: *See*—
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- Kennebeck, Paul A. Wave guide transmitting antenna. 2,836,823, 5-27-58, Cl. 343-782.
- Kennecott Copper Corp.: *See*—
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- Kennedy, John W.: *See*—
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- Kennedy, John W., and H. E. McGowen, Jr.; said Kennedy to Esso Research and Engineering Co., and said McGowen to Camco, Inc. Releasing socket for wire lines. 2,825,536, 3-4-58, Cl. 255-34.
- Kennedy, Ann M.: *See*—
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- Kennedy, Benjamin H., $\frac{1}{2}$ to A. M. Kennedy. Infant's bathing device with improved foot actuated dressing table. 2,841,796, 7-8-58, Cl. 4-177.
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- Kennedy, Clair M. Curtain fixture. 2,848,184, 8-19-58, Cl. 248-263.
- Kennedy, David P., to Raytheon Mfg. Co. Variable gain devices. 2,859,286, 11-4-58, Cl. 179-171.
- Kennedy, Dewey M. Supporting structure for infant's bathing device. 2,860,022, 11-11-58, Cl. 311-83.
- Kennedy, Don E.: *See*—
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- Kennedy, Edward P., to the United States of America as represented by the Secretary of the Army. Motor synchronizing system for motion picture and magnetic sound tape apparatus. 2,822,722, 2-11-58, Cl. 88-162.
- Kennedy, Emmett F., to The Cleveland Heater Co. Combination range and hot water heater. 2,844,704, 7-22-58, Cl. 219-37.
- Kennedy, Eugene H., F. H. Coldwell, and T. A. Pascoe; said Coldwell and said Pascoe to Nekosa-Edwards Paper Co., and said Kennedy to Combustion Engineering, Inc. Treatment of residual waste liquor from sulphite process of making pulp. 2,822,038, 2-4-58, Cl. 158-117.5.
- Kennedy, Frank J., to National Electric Products Corp. Automatic apparatus for electro plating pipe and conduits. 2,854,395, 9-30-58, Cl. 204-202.
- Kennedy, Frank J., to National Electric Products Corp. Apparatus for making electrical outlet boxes with automatic operation. 2,854,939, 10-7-58, Cl. 113-1.
- Kennedy, George P., and V. M. Kurent, to Borg-Warner Corp. Automatic ice cube machine. 2,833,123, 5-6-58, Cl. 62-7.
- Kennedy, Gilbert J., and W. W. Loose, to Philco Corp. Positioning mechanism. 2,832,976, 5-6-58, Cl. 318-467.
- Kennedy, Guy A., 50% to G. H. Hargrave. Apparatus for cleaning and cooling film in photographic enlargers. 2,849,915, 9-2-58, Cl. 88-24.
- Kennedy, James B., and P. Mallory, to Bell Telephone Laboratories, Inc. Firing circuits for a cold cathode gas tube. 2,820,926, 1-21-58, Cl. 315-157.
- Kennedy, James J.: *See*—
Herrick, William W., and Kennedy. 2,825,980.
- Kennedy, John M., III. Tamper attachment for truck wheel. 2,818,791, 1-7-58, Cl. 94-49.
- Kennedy, Joseph E. Geared gyratory crushers. 2,832,547, 4-29-58, Cl. 241-209.
- Kennedy, Joseph W., and E. G. Segre, to United States of America, Atomic Energy Commission. Method for purifying uranium. 2,849,285, 8-26-58, Cl. 23-14.5.
- Kennedy, Kenneth A. Cam operated coupler to engage a threaded bung. 2,828,982, 4-1-58, Cl. 285-310.
- Kennedy, Kenneth K.: *See*—
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- Kennedy, Kenneth K. Method and apparatus for kneading and twisting bread dough. 2,856,868, 10-21-58, Cl. 107-8.
- Kennedy, Ralph C., to Radio Corp. of America. Television systems. 2,846,497, 8-5-58, Cl. 178-5.1.
- Kennedy, Ralph C., to Radio Corp. of America. Color television test apparatus. 2,858,368, 10-28-58, Cl. 178-5.4.
- Kennedy, Raymond L.: *See*—
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- Kennedy, Richard R.: *See*—
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- Kennedy, Robert E., 40% to B. S. Kennedy. Speed indicator alarm system. 2,825,897, 3-4-58, Cl. 340-266.
- Kennedy, Robert M., A. E. Hirschler, and C. K. Donnell, to Sun Oil Co. Hydrocracking of a petroleum fraction with a silica-alumina-composite cracking catalyst. 2,858,267, 10-28-58, Cl. 208-111.
- Kennedy, Ronald L. True airspeed indicator. 2,842,091, 7-8-58, Cl. 116-129.
- Kennedy, Theodore R., to Ajax Electrothermic Corp. Ground detector. 2,832,916, 4-29-58, Cl. 317-13.
- Kennedy, Thomas J., and R. A. Tiede, to Phillips Petroleum Co. Recovery of coagulated polymers and low water-soluble ash insulating materials. 2,830,976, 4-15-58, Cl. 260-85.1.

- Kennedy, Thomas J., and B. H. Smith, to Phillips Petroleum Co. Foam suppression of hot latex emulsions during recovery of monomers therein. 2,849,427, 8-26-58, Cl. 260—83.7.
- Kennedy, Thomas J., and R. A. Tiede, to Phillips Petroleum Co. Removal of oxygen from hydrocarbon streams. 2,853,476, 9-23-58, Cl. 260—83.7.
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- Kennedy, Verne C., Jr., to Streeter-Amet Co. Roadway light. 2,827,561, 3-18-58, Cl. 240—25.
- Kennedy, Wallace M., to General Motors Corp. Throttle riser heat applicator means. 2,821,182, 1-28-58, Cl. 123—122.
- Kennedy, Walter V., to Fram Corp. Sheet metal spool. 2,824,707, 2-25-58, Cl. 242—118.8.
- Kennedy, Walter V., to Fram Corp. Combined full-flow and part-flow oil filters. 2,843,268, 7-15-58, Cl. 210—295.
- Kennedy, Walter W., to Barber-Colman Co. Air distribution outlet. 2,821,898, 2-4-58, Cl. 98—40.
- Kennedy, Walter W., to Barber-Colman Co. Air distribution outlet. 2,822,741, 2-11-58, Cl. 98—40.
- Kennedy, William P. Foldable table. 2,838,352, 6-10-58, Cl. 311—25.
- Kennedy, William T. Pier bumper. 2,844,943, 7-29-58, Cl. 61—48.
- Kennel, William E., C. A. Spiller, Jr., and K. C. Peterson, to Standard Oil Co. Recovery of para-xylene from solutions containing the xylene isomers. 2,827,503, 3-18-58, Cl. 260—674.
- Kennell, Earle D., to Ingersoll-Rand Co. Tool retainer with rotary sleeve. 2,854,238, 9-30-58, Cl. 279—81.
- Kennemer, David R., to Chickamauga Cedar Co., Inc. Wood trimming device with advance grooving cutter. 2,828,785, 4-1-58, Cl. 144—3.
- Kennepohl, Kenneth K. Hand weed burner. 2,833,272, 5-6-58, Cl. 126—271.2.
- Kenner, Philip: See—
Capozzi, Lawrence, and Kenner. 2,862,616.
- Kenner Products Co., The: See—
Steiner, Robert L., and Beiler. 2,829,285.
- Kennerly, George W.: See—
Frank, Simon, and Kennerly. 2,861,099.
- Kennerly, Kenneth S.: See—
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- Kenney, Malachi P.: See—
Anselmini, Ludwig, and Kenney. 2,855,643.
- Kenney Mfg. Co.: See—
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- Kenney, William D., and J. C. Barnes, to Columbus Iron Works Co. Harrow frame, leveling device therefor, and disc assembly and mounting. 2,857,724, 10-28-58, Cl. 55—73.
- Kenney, William H. Wall pilaster ties. 2,825,116, 3-4-58, Cl. 25—131.
- Kenney, William H., and F. F. Newburg. Wall form tie assembly. 2,838,822, 6-17-58, Cl. 25—131.
- Kennicutt, Robert B.: See—
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- Kennon, Lloyd, and J. V. Swintosky, to Smith, Kline & French Laboratories. Cellulose derivative product, compositions comprising the same and their preparation. 2,851,453, 9-9-58, Cl. 260—232.
- Kenny, Thomas J. Heating apparatus. 2,833,905, 5-6-58, Cl. 219—34.
- Kensok, John R.: See—
Halvorson, Harlan L. 2,850,830.
- Kent, Alvey B. Boat seat. 2,836,223, 5-27-58, Cl. 155—133.
- Kent, Brian E.: See—
Bozeman, Virgil F., Sorensen, Morrison, and Kent. 2,842,265.
- Kent Corp., The: See—
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- Kent, Donald W.: See—
Seifert, William C. 2,831,909.
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- Kent, Francis J., to Baldwin-Lima-Hamilton Corp. Flexible billet container support for extrusion press. 2,830,701, 4-15-58, Cl. 207—15.
- Kent, Francis J., and R. F. Boshold, to Baldwin-Lima-Hamilton Corp. Die shifting and extrusion cutting slide. 2,858,017, 10-28-58, Cl. 207—1.
- Kent, George C., to Controls Co. of America. Valve. 2,842,333, 7-8-58, Cl. 251—88.
- Kent, George, Ltd.: See—
Ardley, William G. 2,842,963.
Dall, Horace E. 2,842,962.
Grout, John A. M., and Cooke. 2,832,200.
Taylor, John A. H., and Grout. 2,860,028.
- Kent, Harold C. Swing. 2,827,950, 3-25-58, Cl. 155—65.
- Kent, John, to Underwood Corp. Combined printing and punching machine. 2,858,889, 11-4-58, Cl. 164—113.
- Kent Mfg. Corp.: See—
Batcheller, Hugh W. 2,820,211.
Batcheller, Hugh W. 2,820,212.
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- Kent-Moore Organization, Inc.: See—
Bennett, Clifford H. 2,822,607.
Breed, John W. 2,858,946.
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White, Richard B. 2,820,301.
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- Kent, Nelson H., and F. W. W. Morley, to Rolls-Royce Ltd. Bearing arrangements for gas-turbine engines. 2,862,356, 12-2-58, Cl. 60—39.16.
- Kent, Robert E.: See—
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- Kent, Robert E., and E. H. Peterson, to Chas. Pfizer & Co., Inc. Compositions containing a tetracycline-type antibiotic and terephthalic acid. 2,855,340, 10-7-58, Cl. 167—53.
- Kent, Robert J., to Bell Telephone Laboratories, Inc. Method of welding together two plastic objects. 2,839,441, 6-17-58, Cl. 154—116.
- Kent, Samuel J., and A. J. Sower, to Ace Tackless Corp. Method of making a carpet anchor strip. 2,821,714, 2-4-58, Cl. 1—82.
- Kenway, Reginald G.: See—
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- Kenwood Industrial Development Co., Inc.: See—
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- Kenworthy, Robert R.: See—
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- Kenyon, Alonzo F., D. E. Abell, and R. E. Hull, to Westinghouse Electric Corp. Magnetic amplifier regulating system. 2,840,724, 6-24-58, Cl. 307—84.
- Kenyon, David E.: See—
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- Kenyon, David E., to Sperry Rand Corp. Electron beam producing and focussing assembly. 2,825,842, 3-4-58, Cl. 315—5.22.
- Kenyon, David E., to Sperry Rand Corp. Remote radar indicating system. 2,842,759, 7-8-58, Cl. 343—6.
- Kenyon Instrument Co., Inc.: See—
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- Kenyon, Theodore W. Pendulum construction. 2,834,117, 5-13-58, Cl. 33—215.
- Kenyon, William O., and L. M. Minsk, to Eastman Kodak Co. Preparation of photographic packet emulsions by a water-in-oil system. 2,852,383, 9-16-58, Cl. 96—97.
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- Keonjian, Edward, to General Electric Co. Semiconductor network. 2,823,312, 2-11-58, Cl. 250—36.
- Keonjian, Edward, to General Electric Co. Temperature stabilized transistor amplifier. 2,848,564, 8-19-58, Cl. 179—171.
- Keonjian, Edward, to General Electric Co. Stabilized amplifier. 2,863,008, 12-2-58, Cl. 179—171.
- Keonjian, Edward, to General Electric Co. Direct-coupled amplifiers. 2,863,955, 12-9-58, Cl. 179—171.
- Kepka, Joseph W. Clothes pin box. 2,844,270, 7-22-58, Cl. 220—1.
- Kepkay, Leslie L., to Massey-Ferguson Inc. Vertical elevator for harvesters. 2,858,012, 10-28-58, Cl. 198—123.
- Kepkay, Leslie L., and E. W. Rowland-Hill, to Massey-Ferguson Inc. Combine bagger platform attachment. 2,848,858, 8-26-58, Cl. 56—10.
- Kepley Mfg. Co.: See—
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- Kerag Kesselschmiede, Apparate- und Maschinenbau: See—
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- Kerber, Frank J., to John Dusenberry Co., Inc. Expandable core adapter. 2,833,488, 5-6-58, Cl. 242—55.15.
- Kercher, Arthur J., $\frac{1}{2}$ to W. W. Hicks. Thermostatic switch. 2,819,366, 1-7-58, Cl. 200—138.
- Kercher, Frank C., Sr. Fishing line bobber. 2,863,254, 12-9-58, Cl. 43—44.94.
- Kerekes, Coleman L. Centralize index and driver for storage and parking. 2,849,126, 8-26-58, Cl. 214—16.1.
- Kerker, Dorus G., to North American Philips Co., Inc. Circuit arrangement for producing pulses. 2,843,738, 7-15-58, Cl. 250—26.
- Kerker, William C.: See—
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- Kerkhof, Frederik: See—
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- Kerkoski, Lloyd C., to Pittsburgh Plate Glass Co. Glass tempering apparatus. 2,855,727, 10-14-58, Cl. 49—45.
- Kerla, Hans. Binding compositions and refractory materials bound thereby. 2,855,318, 10-7-58, Cl. 106—55.
- Kerler, Philip H. Rail and flange lubricator. 2,821,263, 2,825,551, 3-4-58, Cl. 266—35.
- Kerley, Sam D., G. C. Kalb, and O. C. Finkel, to Nickolas 1-28-58, Cl. 184—3.
- Kerlie, Walter L., to United States Steel Corp. Converter. Demos. Dismountable superstructure for transporting vehicles. 2,838,338, 6-10-58, Cl. 296—1.
- Kern, Dale R., to Sylvania Electric Products Inc. Oscillation generator. 2,858,437, 10-28-58, Cl. 250—36.
- Kern, Erwin, to Akt. Brown, Boveri & Cie. Commutatorless converter motor with supplementary winding. 2,866,144, 12-23-58, Cl. 318—138.
- Kern, Fritz: See—
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- Kern, Gunther: See—
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- Kern, Herbert E., to Bell Telephone Laboratories, Inc. Cathode for electron discharge devices. 2,830,917, 4-15-58, Cl. 117-201.
- Kern, James W. Folding trailers. 2,837,778, 6-10-58, Cl. 20-2.
- Kern, Max. Envelope stuffing and sealing machine. Re. 24,459, 4-15-58, Cl. 53-188.
- Kern, Roland J., to Monsanto Chemical Co. Cured mixture of polymeric 2-cyanoethyl acrylate and a polymeric cyano ether ester and process of preparing the same. 2,824,852, 2-25-58, Cl. 260-45.5.
- Kern, Roland J., to Monsanto Chemical Co. Copolymer of acrylonitrile and cyano ether-esters. 2,854,440, 9-30-58, Cl. 260-85.5.
- Kern, Roland J., to Monsanto Chemical Co. Photopolymerization. 2,861,933, 11-25-58, Cl. 204-158.
- Kern, Roland J., to Monsanto Chemical Co. Method for effecting photopolymerization. 2,861,934, 11-25-58, Cl. 204-158.
- Kern, Rudolf, and H. Scheurer, to Rhein-Chemie G. m. b. H. Lubricating oil compositions and additives for lubricating oils. 2,850,455, 9-2-58, Cl. 252-33.3.
- Kern, Walter: See—
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- Kern, Walter P., to Tracerlab, Inc. High-voltage power supply. 2,852,729, 9-16-58, Cl. 321-2.
- Kernan, Leonard G. Compact shoe shine kit. 2,824,333, 2-25-58, Cl. 15-265.
- Kernon, Hans. Foam-plastic skiving machine. 2,821,254, 1-28-58, Cl. 164-75.
- Kernen, Hans, Jr. Fruit-sorting machine. 2,821,828, 2-4-58, Cl. 53-245.
- Kerns, Nicholas R.: See—
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- Kerns, Quentin A., to United States of America, Atomic Energy Commission. Calutron oscillograph system. 2,847,270, 8-12-58, Cl. 346-17.
- Kerns, Quentin A., to United States of America, Atomic Energy Commission. X-ray pulse generator. 2,853,623, 9-23-58, Cl. 250-102.
- Kerpel, Julius A. Dental burnishing devices. 2,831,249, 4-22-58, Cl. 32-40.
- Kerpel, Julius A. Spring shoe. 2,837,840, 6-10-58, Cl. 36-7.8.
- Kerper, Irving L. Safety feature for electric watertight door systems. 2,828,449, 3-25-58, Cl. 317-137.
- Kerr, Charles E., and R. K. Galloway, to Food Machinery and Chemical Corp. Carton stack advancing mechanism. 2,840,375, 6-24-58, Cl. 271-62.
- Kerr, Charles E., Jr.: See—
Schwager, August C., and Kerr. 2,859,309.
- Kerr, David, to Ultra Electric, Inc. Radio locating system and apparatus therefor. 2,841,788, 7-1-58, Cl. 343-101.
- Kerr, David, to Ultra Electric, Inc. Enclosure for electronic apparatus. 2,853,539, 9-23-58, Cl. 174-15.
- Kerr, David C., and S. K. Kifer, to United States Steel Corp. Pipe handling apparatus. 2,838,158, 6-10-58, Cl. 198-26.
- Kerr, Henry H.: See—
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- Kerr, Hugh M., and G. Towell, to Canadian Industries Ltd. Delay compositions. 2,830,885, 4-15-58, Cl. 52-2.
- Kerr, James W. Retractable hardtop for motor vehicles. 2,860,914, 11-18-58, Cl. 296-117.
- Kerr, John: See—
Harwood, John H., Kerr, and Crundall. 2,858,269.
- Kerr, John, & Co. (Manchester) Ltd.: See—
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- Kerr, Loretta E.: See—
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- Kerr, Ralph L. Dampener and floating barrier seal. 2,840,111, 6-24-58, Cl. 138-26.
- Kerr, Ralph W.: See—
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- Kerr, Ralph W., to Corn Products Refining Co. Sulfation of proteins. 2,858,300, 10-28-58, Cl. 260-112.
- Kerr, Ralph W., to Corn Products Refining Co. Process for the preparation of alkyl ethers of starch in unswollen granule form. 2,858,305, 10-28-58, Cl. 260-233.3.
- Kerr, Ralph W., and F. C. Cleveland, Jr., to Corn Products Refining Co. Food composition. 2,852,393, 9-16-58, Cl. 99-139.
- Kerridge, Norman E., to Stothert & Pitt Ltd. Apparatus for measuring the consistency during mixing of concrete. 2,821,079, 1-28-58, Cl. 73-54.
- Kerridge, Norman E., to Stothert & Pitt Ltd. Pressure relief device for hydraulic weighing. 2,848,212, 8-19-58, Cl. 265-47.
- Kerrigan, Vincent, and A. Lambert, to Imperial Chemical Industries Ltd. Process for preparing 2-benzthiazylsulfeno morpholide. 2,839,531, 6-17-58, Cl. 260-247.1.
- Kerschner, Paul M., to Cities Service Research and Development Co. Lubricating composition. 2,845,390, 7-29-58, Cl. 252-48.6.
- Kerschner, Paul M., and B. W. Greenwald, to Cities Service Research and Development Co. Carbon functional organo-silicon phosphonates. 2,864,845, 12-16-58, Cl. 260-448.2.
- Kersey, Albert H., and J. P. Creighton, to Ford Motor Co. Ltd. Power transmission mechanisms for hydraulically propelled vehicles. 2,839,033, 6-17-58, Cl. 121-182.
- Kersey, Albert H., and F. D. Cooper, to Ford Motor Co., Ltd. Hydraulic transmission arrangements for self-propelled vehicles. 2,861,584, 11-25-58, Cl. 137-108.
- Kersey, Frank B. Automobile repair tray with light. 2,827,556, 3-18-58, Cl. 240-2.
- Kersh, Ronald C., and B. R. Hoerr. Screenshot supporting pad. 2,823,539, 2-18-58, Cl. 72-128.
- Kershaw, Delmar D., to General Electric Co. Apparatus for flashing fluorescent lamps. 2,858,478, 10-28-58, Cl. 315-98.
- Kershaw, Edward A. Swing seat. 2,827,949, 3-25-58, Cl. 155-58.
- Kershaw, John W. G.: See—
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- Kershaw Mfg. Co., Inc.: See—
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- Kershaw, Royce, to Kershaw Mfg. Co., Inc. Railway roadbed scarifying apparatus. 2,846,206, 8-5-58, Cl. 262-8.
- Kershaw, Royce G. Ballast plow. 2,861,359, 11-25-58, Cl. 37-104.
- Kershman, Philip. Motor vehicle acceleration signal device. 2,825,418, 3-4-58, Cl. 180-77.
- Kershner, Donald W.: See—
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- Kershner, Osborn A., to Lambert Brake Corp. Self-energizing multiple disc brake and mechanical operating means therefor. 2,831,552, 4-22-58, Cl. 188-72.
- Kershner, Osborn A., and E. Hahn, to Lambert Brake Corp. Fluid displacement device for hydraulic brake systems. 2,864,238, 12-16-58, Cl. 60-54.6.
- Kersnar, Paul W. Method of mildewproofing cellulose fiber by etherifying, esterifying and quaternizing the cellulose. 2,833,614, 5-6-58, Cl. 8-120.
- Kerson, Max. Combination garment. 2,849,716, 9-2-58, Cl. 2-70.
- Kersten, Gerard M. Work holding device. 2,842,371, 7-8-58, Cl. 279-123.
- Kerstetter, Donald R.: See—
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- Kerstetter, Donald R., to Sylvania Electric Products Inc. Nickel base cathode emissive alloy. 2,837,423, 6-3-58, Cl. 75-171.
- Kerstetter, Donald R., and E. S. Wennin, to Sylvania Electric Products Inc. Adhering coatings to cathode base metal. 2,843,517, 7-15-58, Cl. 154-129.
- Kerstetter, Donald R., W. E. Buescher, and J. J. Garrett, to Sylvania Electric Products Inc. Sublimation reducing cathode connector. 2,843,781, 7-15-58, Cl. 313-178.
- Kertcher, Robert S., O. La Plant, and H. W. Hutchcraft, to United States of America, Navy. Radar bearing error indicating system. 2,839,352, 6-17-58, Cl. 346-16.
- Kertesz, Carl. Resilient clip arrangement. 2,838,055, 6-10-58, Cl. 132-48.
- Kertesz, Carl. Resilient clip construction. 2,838,056, 6-10-58, Cl. 132-48.
- Kerwin, Daniel G., to J. B. Nottingham & Co., Inc. Insulating flexible splice core for plural cable joints and cable splicing method. Re. 24,504, 7-15-58, Cl. 174-138.
- Kerzner, William B. Caps for typewriter keys. 2,849,095, 8-26-58, Cl. 197-102.
- Kesl, Richard P., and J. P. Townsend, to Deere Mfg. Co. Gas engine fuel tank on hood door. 2,833,365, 5-6-58, Cl. 180-69.
- Kesler, Carl C., and E. T. Hjermstad, to Penick & Ford, Ltd., Inc. Hydroxyalkylation of ungelatinized starches and dextrans in aqueous, water-miscible alcohols. 2,845,417, 7-29-58, Cl. 260-233.3.
- Kesler, Howard D., and V. I. Bormann. Return flange forming machine. 2,852,061, 9-16-58, Cl. 153-25.
- Kesler, Martin L., to American Cyanamid Co. Process of diazotization of aromatic primary. 2,827,449, 3-18-58, Cl. 260-141.
- Kesler, Robert L.: See—
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- Kesling, Elmer G. Applicator for liquid cement. 2,827,012, 3-18-58, Cl. 118-268.
- Kesling, Elmer G. Anti-spinning construction for rotary dial adders. 2,827,234, 3-18-58, Cl. 235-74.
- Kesling, Keith K., to General Motors Corp. Refrigerator. 2,866,675, 12-30-58, Cl. 312-214.
- Kessel, John and E. L. Knapp, to Dexter Industries, Inc. Knob couplings. 2,827,323, 3-18-58, Cl. 292-352.
- Kessell, Wallace E.: See—
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- Kesselring, Clarence. Quick detachable scope mount with windage. 2,857,675, 10-28-58, Cl. 33-50.
- Kesselring, Fritz, to FKG Fritz Kesselring Geratebau A. G. Electromagnetic rectifier. 2,820,190, 1-14-58, Cl. 321-48.
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- Kessling, Fritz, E. Wertstein, and A. Spaelti, to FKG Fritz Kessling Geratebau A. G. Electromagnetic rectifier. 2,848,678, 8-19-58, Cl. 321-48.
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- Kessenich, Gregory J.: *See*—
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- Kessler, Carl E.: *See*—
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- Kessler, David E., and T. F. Hauf, to Pabst Brewing Co. Beverage cooler carton. 2,844,299, 7-22-58, Cl. 229-52.
- Kessler, Frank, to General Dynamics Corp. Pulse analyzer circuit. 2,826,648, 3-11-58, Cl. 179-175.2.
- Kessler, Frank, to General Dynamics Corp. Line testing circuit. 2,852,626, 9-16-58, Cl. 179-175.2.
- Kessler, George W., to General Electric Co. Stabilized mounting for underwater sound apparatus. 2,832,944, 4-29-58, Cl. 340-8.
- Kessler, Harold D., and R. S. Richards, to Titanium Metals Corp. of America. Method for producing flat solution heat treated titanium and zirconium alloy sheets. 2,836,527, 5-27-58, Cl. 148-10.
- Kessler, Jack: *See*—
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- Kessler, James F., to General Dynamics Corp. Switch assembly for a telephone subset. 2,826,645, 3-11-58, Cl. 179-165.
- Kessler, Joseph S., to Ladish Co. Toggle-type connecting assemblies having detachable connecting bail. 2,862,275, 12-2-58, Cl. 24-270.
- Kessler, Milton. Framed panel construction. 2,827,141, 3-18-58, Cl. 189-78.
- Kessler, Otto H., Jr., and R. N. Sellon, Jr., to Stolper Steel Products Corp. Semi-closed office machine stand or small desk. 2,841,410, 7-1-58, Cl. 280-44.
- Kessler, Ward P., to Tusco Corp. Glazing strip. 2,853,748, 9-30-58, Cl. 20-56.
- Kestell, Thomas A., to United Shoe Machinery Corp. Fastener inserting machines. 2,851,688, 9-16-58, Cl. 1-18.
- Kestenman Bros. Mfg. Co.: *See*—
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- Kester, George W., to Food Machinery and Chemical Corp. Vibration indicator. 2,818,830, 1-7-58, Cl. 116-114.
- Kester, Russell S. Rifle rest. 2,847,909, 8-19-58, Cl. 89-40.
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- Kestner, William N., W. C. Kohfeldt, and S. B. Eubank, to Esso Research and Engineering Co. Prewash for acetylene removal from butadiene stream. 2,847,487, 8-12-58, Cl. 260-681.5.
- Keston, Albert S. Polarimetric method and apparatus. 2,829,555, 4-8-58, Cl. 88-14.
- Kestral Corp.: *See*—
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- Ketchledge, Raymond W.: *See*—
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- Ketchledge, Raymond W., to Bell Telephone Laboratories, Inc. Steering systems. 2,826,380, 3-11-58, Cl. 244-77.
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- Ketchledge, Raymond W., to Bell Telephone Laboratories, Inc. Distortion correction. 2,859,413, 11-4-58, Cl. 333-28.
- Ketchum, Clarence A., and W. D. Kemp, to The American Laundry Machinery Co. Rug cleaning machine. 2,832,210, 4-29-58, Cl. 68-268.
- Ketelhut, John W. Trash remover for a two row corn picker. 2,848,861, 8-26-58, Cl. 56-105.
- Ketola, Jarl A., and J. E. Petersen, to Link-Belt Co. Tripper for belt conveyors. 2,852,128, 9-16-58, Cl. 198-186.
- Kets, Dirk C.: *See*—
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- Kett Corp.: *See*—
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- Kettell, Philip E., and A. J. Evans, to E. A. Adams & Son, Inc. Clasp. 2,853,761, 9-30-58, Cl. 24-252.
- Keuffel, August J.: *See*—
Wright, Elliott F., and Keuffel. 2,824,519.
- Keuffel, Carl W., C. D. Hillman, and A. L. Baker, to Keuffel & Esser Co. Alignment telescope. 2,843,013, 7-15-58, Cl. 88-32.
- Keuffel & Esser Co.: *See*—
Baker, Allister L. 2,818,652.
Baker, Allister L., and Hillman. 2,862,417.
Beeber, Allan R. A., and Gold. 2,852,377.
Keuffel, Carl W., Hillman, and Baker. 2,843,013.
Krieger, Wilhelm A. 2,822,271.
Süs, Oskar, and Grundkötter. 2,833,649.
Sus, Oskar, Werner, and Wettlaufer. 2,840,472.
Tomanek, Martha. 2,829,976.
Wiedemann, Hans. 2,864,170.
- Keulemans, Aloysius I. M., and A. Kwantes, to Shell Development Co. Preparation of olefins. 2,824,148, 2-18-58, Cl. 260-683.
- Keuls, Henry P. C., $\frac{1}{2}$ to S. Stearman, Toy for forming caricatures or the like. 2,843,970, 7-22-58, Cl. 46-16.
- Keville, Jesse F., Jr., to Carrier Corp. Process of concentrating milk and milk products. 2,860,988, 11-18-58, Cl. 99-55.
- Kewanee Machinery & Conveyor Co.: *See*—
Moore, Raymond D. 2,828,597.
- Kewance Mfg. Co.: *See*—
Evans, Rupert L. 2,835,933.
- Key, Cleo H., R. H. Merkle, and S. C. Richey, to General Motors Corp. Battery retainer means. 2,849,074, 8-26-58, Cl. 180-68.5.
- Key, Don E., to General Motors Corp. Manufacturing device. 2,836,018, 5-27-58, Cl. 51-281.
- Keydel, Paul F., and G. C. Trevarthen, to General Motors Corp. Combustion chamber for engines. 2,826,185, 3-11-58, Cl. 123-191.
- Keye, William R.: *See*—
Franck, Abraham, Simon, and Keye. 2,857,100.
- Keyes Fibre Co.: *See*—
Caswell, Benson E., and Theriault. 2,848,138.
Emery, Richard L. 2,838,173.
Emery, Richard L. 2,863,595.
Hartmann, Carl W., and Hansen. 2,838,226.
Randall, Walter H. 2,826,346.
Schlanger, Daniel J. 2,832,522.
Stewart, Charles L. 2,865,548.
- Keyes, Frederick G. Flame photometer atomizer assembly. 2,858,729, 11-4-58, Cl. 88-14.
- Keyes, Jack, to Bell & Gossett Co. Heating system. 2,849,185, 8-26-58, Cl. 236-9.
- Keyes, Neil T.: *See*—
Meng, Eugene D., Keyes, and Creutz. 2,860,310.
- Keyes, Orval A. Wheel mounted terracer. 2,830,517, 4-15-58, Cl. 97-37.
- Keyes, William J. Attachment for a reading rate controller. 2,822,626, 2-11-58, Cl. 35-35.
- Keyko, George J., to Teacher Toys, Inc. Educational block assemblage. 2,839,842, 6-24-58, Cl. 35-22.
- Keyko, George J., to Teacher Toys, Inc. Educational apparatus. 2,839,843, 6-24-58, Cl. 35-35.
- Keylvert, Johann, to Klockner-Humboldt-Deutz Aktiengesellschaft. Piston for internal combustion engines. 2,823,085, 2-11-58, Cl. 309-19.
- Keymer, John L., to The Trail-Rite Gauge Co. Axle aligning device. 2,845,718, 8-5-58, Cl. 33-193.
- Keys, Conrad R. Cable reel lifting, loading, and transporting apparatus. 2,848,123, 8-19-58, Cl. 214-77.
- Keyser, Alfonse F.: *See*—
Seeloff, Melvin M., and Keyser. 2,856,512.
- Keyser, Glenn T. Stock car racing game. 2,846,225, 8-5-58, Cl. 273-86.
- Keyser, Harold C., to American Steel Foundries. Coil spring. Re. 24,429, 2-11-58, Cl. 267-61.
- Keystone Alloys Co.: *See*—
Zappone, John B. and C. F., and Svetahor. 2,862,550.
- Keystone Flashing Co.: *See*—
Orth, Herbert P., and Dzwonkas. 2,856,871.
- Kharasch, Norman, to Stauffer Chemical Co. Esters of sulfenic acids and their preparation. 2,862,946, 12-2-58, Cl. 260-456.
- Khek, Massimiliano. Low frequency induction furnace for melting non-ferrous metals. 2,829,184, 4-1-58, Cl. 13-33.
- Khoury, Alfred S., to Globe-Union Inc. Ceramic capacitor. 2,828,454, 3-25-58, Cl. 317-242.
- Khoury, Alfred S., to Globe-Union Inc. Adjusting means for resistance trimmers. 2,842,647, 7-8-58, Cl. 201-55.
- Khym, Joseph X., and L. P. Zill. Separation and analysis of polyhydroxy substances. 2,818,851, 1-7-58, Cl. 127-55.
- Kibbee, H. R.: *See*—
McHugh, Edward V. 2,860,444.
- Kibler, Charles J.: *See*—
Shields, Donald J., Kibler, and Schulken. 2,856,805.
- Kibler, Paul J.: *See*—
Jamieson, Hugh W., Kibler, and Wilson. 2,841,783.
- Kibler, Richard W., F. A. Bozzacco, and L. E. Forman, to The Firestone Tire & Rubber Co. Polymerization of diolefins. 2,849,432, 8-26-58, Cl. 260-94.2.
- Kice, Jack W., J. M. Redmond, Jr., and C. D. Mattingly, to The Coleman Co., Inc. Air flow devices. 2,821,896, 2-4-58, Cl. 98-38.
- Kice, Jack W., and C. D. Mattingly, to The Coleman Co., Inc. Ceiling air mixer cabinet and method of heating. 2,858,759, 11-4-58, Cl. 98-38.
- Kichline, John P.: *See*—
Rodemich, Charles L. 2,826,333.

- Kidd, Alexander C.: *See*—
Marryatt, Earl A. 2,864,542.
- Kidd, Arthur H.: *See*—
Horth, Jack C., and Kidd. 2,827,836.
- Kidd, Nash A.: *See*—
Levy, Marilyn, and Kidd. 2,841,494.
- Kidd, Robert O., and C. St. Jacques. Locking mechanism. 2,831,335, 4-22-58, Cl. 70-58.
- Kidde Mfg. Co., Inc.: *See*—
Jordan, David M. 2,839,062.
Noe, Harold C. 2,823,874.
Sollmann, Carl H. 2,822,809.
- Kidde, Walter, & Co., Inc.: *See*—
Bagno, Samuel. 2,845,700.
Bagno, Samuel M. 2,832,952.
- Kido, George S. Dust collecting attachments for power saws. 2,839,102, 6-17-58, Cl. 143-157.
- Kidwell, Norman E.: *See*—
Keller, William E., Kidwell, and Oliver. 2,864,280.
- Kiebert, Martin V., Jr.: *See*—
Monack, Albert J., and Kiebert. 2,821,584.
- Kiebert, Martin V., Jr., to Bendix Aviation Corp. Signal generator. 2,856,778, 10-21-58, Cl. 74-5.6.
- Kiebler, Myron W., Jr., R. Baukema, and A. Zier, to The Glidden Co. Combined stain and filler, and drying oil therefor. 2,820,711, 1-21-58, Cl. 106-34.
- Kiefer, Edwin F., to Stackpole Carbon Co. Dynamoelectric brush. 2,819,989, 1-14-58, Cl. 117-228.
- Kiefer, Harry J.: *See*—
Predota, Albert J., and Kiefer. 2,864,728.
- Kiefer, Jack C.: *See*—
Macht, Philip R., and Kiefer. 2,825,564.
- Kiefer, John E.: *See*—
Touey, George P., and Kiefer. 2,861,069.
- Kiefer, Karl: *See*—
Osmond, Charles W. 2,840,963.
- Kiefer, Paul J., Jr., to Westinghouse Electric Corp. Rotatable mechanical device. 2,857,765, 10-28-58, Cl. 74-5.
- Kieffaber, Clarence A., to Stickleber & Sons, Inc. Bread molding machine. 2,843,062, 7-15-58, Cl. 107-8.
- Kieffer, Richard A., C. Konopicky, and F. Benesovsky, to Schwarzkopf Development Corp. Sintered electric resistance heating element. 2,831,242, 4-22-58, Cl. 29-182.5.
- Kieffer, Richard A., and F. Benesovsky, to Schwarzkopf Development Corp. Process for producing titanium, zirconium and alloys of titanium and zirconium by reduction of oxides of titanium or zirconium. 2,848,315, 8-19-58, Cl. 75-10.
- Kieffert, Pierre A., to Etablissements Ed. Jaeger. Electron frequency divider. 2,835,812, 5-20-58, Cl. 250-36.
- Kiehl, Paul G., and W. H. Kolath, Jr. Film mount. 2,834,136, 5-13-58, Cl. 40-159.
- Kiekhaefer Corp.: *See*—
Ackley, Richard E. 2,842,815.
Armstrong, Daniel A. 2,852,096.
Armstrong, Daniel A., and Ford. 2,839,042.
Dickrell, Kenneth J. 2,835,239.
Hofmann, Alfred L. 2,835,833.
Strang, Charles D. 2,839,036.
Strang, Charles D. 2,847,985.
- Kiekhaefer, Elmer C. Power transmission system. 2,838,946, 6-17-58, Cl. 74-229.
- Kiekhaefer, Elmer C. Air cleaner. 2,843,218, 7-15-58, Cl. 183-71.
- Kiekhaefer, Elmer C. Outboard motor water inlet structure. 2,847,967, 8-19-58, Cl. 115-18.
- Kiekhaefer, Elmer C. Complete lubricating system for engine-driven implement. 2,852,046, 9-16-58, Cl. 143-32.
- Kiekhaefer, Elmer C. Splash deflector. 2,860,594, 11-18-58, Cl. 115-17.
- Kiel, J. Edgar. 50% to W. Moll. Garment finishing machine. 2,856,698, 10-21-58, Cl. 34-66.
- Kieler Howaldtswerke Akt., Abt. Apparatebau: *See*—
Holzemann, Werner. 2,856,571.
- Kielman, Leo L., to the United States of America as represented by the Secretary of the Navy. Intervalometer. 2,821,583, 1-28-58, Cl. 200-24.
- Kielmann, Ernst: *See*—
Heinemann, Walter, Kielmann, and Schimmelpfennig. 2,846,052.
- Kielmeier, Elwood W., to Swift & Co. Manufacture of cheese curd. 2,851,363, 9-9-58, Cl. 99-116.
- Kielsmeier, Elwood W., to Swift & Co. Telescopic stick for ice cream bar. 2,855,312, 10-7-58, Cl. 99-137.
- Kiely, Philip G., and R. E. Larsen, to Arthur D. Little, Inc. Method of treating cereals with proteolytic enzymes and resulting product. 2,853,388, 9-23-58, Cl. 99-83.
- Kiene, Dorothy S.: *See*—
Kiene, William J. 2,857,759.
- Kiene, William J., to D. S. Kiene. Injector testing device. 2,857,759, 10-28-58, Cl. 73-119.
- Kiengzle, Paul: *See*—
Klatt, Walter. 2,826,957.
- Kienle, Richard R. Scriber and roller guide skin marker gage. 2,848,813, 8-26-58, Cl. 33-41.
- Kienzle Apparate G. m. b. H.: *See*—
Haupt, Wilhelm. 2,836,361.
Haupt, Wilhelm. 2,856,787.
Haupt, Wilhelm. 2,858,976.
- Kiernan, Earl F. Method for the fabrication of very small thermocouples. 2,843,726, 7-15-58, Cl. 219-117.
- Kiernan, Thomas F., Jr. Individual tooth implant. 2,857,670, 10-28-58, Cl. 32-10.
- Kiersted, Wynkoop, Jr., and H. H. Gross, to Texaco Development Corp. Solvent refining process with control of temperature. 2,851,395, 9-9-58, Cl. 196-14.26.
- Kies, Elliot J., to The Massillon-Cleveland-Akron Sign Co. Sign carrying windmill construction. 2,833,065, 5-6-58, Cl. 40-39.
- Kiesel, Karl, to Escher Wyss Maschinenfabrik G. m. b. H. Coreless winding of webs. 2,830,775, 4-15-58, Cl. 242-56.
- Kiessling, Rudolf H.: *See*—
Schaefer, Carl A., Kiessling, and Meckelburg. 2,822,439.
- Kiewit, Peter, Sons' Co.: *See*—
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- Kifer, Stanley K.: *See*—
Kerr, David C., and Kifer. 2,838,158.
- Kiff, Ben W.: *See*—
Guest, Howard R., and Kiff. 2,823,211.
Guest, Howard R., and Kiff. 2,861,083.
Guest, Howard R., and Kiff. 2,866,823.
- Kiffer, Desire A., and L. D. Orser, to Chamberlain Corp. Safety release device for tanks. 2,852,169, 9-16-58, Cl. 222-396.
- Kight, Glen D., and E. T. Jarrett. Hobby horse. 2,832,594, 4-29-58, Cl. 272-52.
- Kihlgren, Erik O. G., to Sandvikens Jernverks Aktiebolaget. Percussion drill rod. 2,850,044, 9-2-58, Cl. 138-64.
- Kihlgren, Theodore E.: *See*—
Pease, George R., and Kihlgren. 2,834,098.
- Kihn, Harry, to United States of America, Navy. Sweep linearity correction system. 2,851,525, 9-9-58, Cl. 178-7.7.
- Kihn, Harry, and J. Olsen, to Radio Corp. of America. Color television synchronizing. 2,829,193, 4-1-58, Cl. 178-5.4.
- Kikas, Leonhard. Temporary porthole closure. 2,840,028, 6-24-58, Cl. 114-174.
- Kiker, Charles W., Jr. Clock operated card changing device. 2,848,827, 8-26-58, Cl. 40-36.
- Kilborn, Karl B., to The Goodyear Tire & Rubber Co. Production counter actuating apparatus. 2,850,241, 9-2-58, Cl. 235-92.
- Kilbourne, Frederick L., Jr., to The Connecticut Hard Rubber Co. Flexible gaskets. Re. 2,478, 5-27-58, Cl. 288-23.
- Kilburn, Robert W., and P. D. Hickey, to Food Machinery and Chemical Corp. Method of peeling fruit and vegetables. 2,847,334, 8-12-58, Cl. 146-235.
- Kilburn, Tom: *See*—
Williams, Frederic C., and Kilburn. 2,862,139.
Williams, Frederic C., Kilburn, and Crawley. 2,826,715.
Williams, Frederic C., Kilburn, Tootill, and Pollard. 2,840,305.
Williams, Frederic C., Kilburn, Tootill, Pollard, Thomas, and Edwards. 2,840,304.
- Kilburn, Tom, to National Research Development Corp. Multiplying arrangements for electronic digital computing machines. 2,856,126, 10-14-58, Cl. 235-61.
- Kilby, Jack S.: *See*—
Roup, Roland R., and Kilby. 2,841,508.
- Kilby, Jack S., and K. W. Youngbeck, to H. A. Milhaupt, Inc. Telephone answering device. 2,823,262, 2-11-58, Cl. 179-6.
- Kilby, William: *See*—
Hannay, Robert S. E., and Kilby. 2,827,357.
- Kile, Elijah S.: *See*—
Kile, John A., R. C., and E. S., and Koska. 2,854,109.
Kile, John A., R. C., and E. S., and W. J. Koska, to Nationwide Sales Corp. Combined drive and brake mechanism. 2,854,109, 9-30-58, Cl. 192-8.
- Kile, Otho: *See*—
Sarring, Ernest J., Kile, and Mayer. 2,843,283.
- Kile, Ralph C.: *See*—
Kile, John A., R. C., and E. S., and Koska. 2,854,109.
Kile, Stephen L., and R. B. Matthews, to Baso Inc. Control apparatus for fluid fuel burning apparatus. 2,845,228, 7-29-58, Cl. 236-99.
- Kilgore, E. J. Twine holder. 2,848,178, 8-19-58, Cl. 242-141.
- Kilgore, Joseph D. Cap feed for toy pistol. 2,851,808, 9-16-58, Cl. 42-57.
- Kilian, Georg: *See*—
Thum, Rudolf, Ramsauer, and Kilian. 2,849,837.
- Killebrew, John C. Fishing line attachment. 2,831,288, 4-22-58, Cl. 43-43.11.
- Killen, Donald P. Nail clipper. 2,829,433, 4-8-58, Cl. 30-28.
- Killey, Robert F.: *See*—
McKenzie, Charles A., and Killey. 2,834,762.
- Killian, George W., to General Dynamics Corp. Maximum security automatic telephone system. 2,854,522, 9-30-58, Cl. 179-27.
- Killian, Joe B.: *See*—
Botting, Percy B., and Killian. 2,862,276.
- Killian, Robert J.: *See*—
Wickwire, Arthur M., Williams, and Killian. 2,826,804.
Killian, Robert J., to Automatic Steel Products, Inc. Generator pulley construction. 2,827,225, 3-18-58, Cl. 230-135.
- Killian, Stanley C., to H. K. Porter Co. (Delaware). Isolator switch. 2,830,145, 4-8-58, Cl. 200-48.
- Killian, Stanley C., and N. Polgov, to H. K. Porter Co. Telescopic inspection sections for bus enclosures. 2,835,723, 5-20-58, Cl. 174-85.
- Killion, Derling G.: *See*—
Giffin, George S., Killion, and Haller. 2,847,672.
- Killon, Wendell M.: *See*—
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- Kilmarx, Louis E., Jr., to Seovill Mfg. Co. Quick-dump extension for airplane tire valve. 2,854,018, 9-30-58, Cl. 137-223.
- Kilner, George E.: See—
Perrelli, Joseph, and Kilner. 2,826,228.
- Kilpatrick, Elmer C.: See—
Glaxner, Daniel, and Kilpatrick. 2,828,191.
Glaxner, Daniel, and Kilpatrick. 2,861,294.
- Kilpatrick, Harold. Hammer holster. 2,852,824, 9-23-58, Cl. 24-3.
- Kilpatrick, Lester L.: See—
Farrand, William A., Kilpatrick, and Johnston. 2,846,517.
- Kilpatrick, Myron O., and E. C. Ayres, to Phillips Petroleum Co. Pebble heater quench system. 2,848,382, 8-19-58, Cl. 196-55.
- Kilthau, Martha K.: See—
Lindenfelser, Richard, and Layman. 2,819,246.
- Kimball, A., Co.: See—
Braun, Karl J. Re. 2,454,7.
- Kimball, Clarence L. Sectional telescopic pole. 2,841,634, 7-1-58, Cl. 174-45.
- Kimball, Donald G., and A. J. Gartland, to General Electric Co. Piano key switch. 2,821,582, 1-28-58, Cl. 200-18.
- Kimball, Henry B.: See—
Gross, Charles J., Kimball, Farley, and Bishop. 2,821,887.
- Kimball, John W. Floating barrel action for automatic pistol. 2,846,926, 8-12-58, Cl. 89-196.
- Kimball Mfg. Corp.: See—
Wagner, John S. 2,823,397.
- Kimball, William L., to Shulton, Inc. Dispensing closure. 2,838,214, 6-10-58, Cl. 222-502.
- Kimberlin, Charles N., Jr.: See—
Adams, Clark E., and Kimberlin. 2,859,174.
Mattox, William J., and Kimberlin. 2,847,354.
- Kimberlin, Charles N., Jr., to Esso Research and Engineering Co. Conversion of hydrocarbons. 2,824,046, 2-18-58, Cl. 196-55.
- Kimberlin, Charles N., Jr., and L. Broussard, to Esso Research and Engineering Co. Electrostatic machine. 2,827,577, 3-18-58, Cl. 310-5.
- Kimberlin, Charles N., Jr., and E. M. Gladrow, to Esso Research and Engineering Co. Reforming catalysts. 2,859,185, 11-4-58, Cl. 252-465.
- Kimberlin, Charles N., Jr., and W. J. Mattox, to Esso Research and Engineering Co. Olefin separation and recovery. 2,866,835, 12-30-58, Cl. 260-676.
- Kimberly-Clark Corp.: See—
Beaulieu, Delton C. 2,819,079.
Beaulieu, Delton C. 2,849,236.
Bletzinger, John C., Day, and Rothe. 2,843,125.
Brien, Huron C., and Jones. 2,826,200.
Gmeiner, Archibald R. 2,839,415.
Henderson, Charles L., and Fitzgerald. 2,865,783.
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Lee, Charles A. 2,865,260.
Link, Peter J., and Nelson. 2,853,299.
McIntyre, James W. 2,838,890.
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Nelson, Howard N. 2,840,267.
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Sawtell, Richard B., and Gresham. 2,825,912.
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- Kimbro, John J., to Radio Corp. of America. Sheet feeding assembly. 2,848,228, 8-19-58, Cl. 271-26.
- Kimbrough, Laurence B., E. J. Carbo, K. F. Egar, and P. G. Simpson, to Westinghouse Electric Corp. 60-cycle induction furnace. 2,858,405, 10-28-58, Cl. 219-1067.
- Kime, Sharon E., to American Metal Products Co. Resilient support for spring. 2,864,436, 12-16-58, Cl. 155-179.
- Kimel, Walter: See—
Chase, George O., and Kimel. 2,849,490.
- Kimel, Walter, and N. W. Sax, to Hoffmann-La Roche Inc. Process for the production of ketones. 2,839,579, 6-17-58, Cl. 260-595.
- Kimes, Richard E., to Beckman Instruments, Inc. Transistor counting circuit. 2,851,220, 9-9-58, Cl. 235-92.
- Kimes, Robert, to The Garrett Corp. Underwater breathing apparatus. 2,828,739, 4-1-58, Cl. 128-142.
- Kimes, Robert, R. L. Kesler, and S. J. Mitchell, to The Garrett Corp. Breathable gas regulating apparatus. 2,855,923, 10-14-58, Cl. 128-142.
- Kimmel, Nathan. Handle fastener for handbags and the like. 2,861,615, 11-25-58, Cl. 150-12.
- Kimmerle, Harlie J.: See—
Swanson, Albert S., and Kimmerle. 2,862,224.
- Kimmig, Emil W.: See—
Gordon, Bruce B., and Kimmig. 2,866,573.
- Kimsey, Woodrow P., R. M. Smith, and D. H. Stroot, to Caterpillar Tractor Co. Reversible bit for scraper bowl edges. 2,831,275, 4-22-58, Cl. 37-141.
- Kimsey, Woodrow P., and W. L. Holmstrom, to Caterpillar Tractor Co. Two speed scraper apron. 2,852,870, 9-23-58, Cl. 37-126.
- Kimura, Hiroichi, B. Tadano, and N. Morito, to Hitachi Ltd. Permanent magnet lens and lens system. 2,858,443, 10-28-58, Cl. 250-49.5.
- Kimura, Shuji, and J. N. Stich, to Morton Chemical Co. Photographic shortstop concentrates. 2,836,493, 5-27-58, Cl. 96-62.
- Kincaid, Horace L., deceased; J. D. Kincaid, administrator, to S. Kincaid and to M. O. Tidmore. Engine trouble detecting device. 2,841,761, 7-1-58, Cl. 324-18.
- Kincaid, James D.: See—
Kincaid, Horace L. 2,841,761.
- Kincaid, Marshall M.: See—
Gordon, Bernard M., and Kincaid. 2,819,394.
- Kincaid, Susan: See—
Kincaid, Horace L. 2,841,761.
- Kind, Camillo, to Akt. Brown, Boveri & Cie. Automatic air regulating device in combustion chambers of gas turbine plants. 2,837,894, 6-10-58, Cl. 60-39.27.
- Kind, Frederick H., to Racine Hydraulics & Machinery, Inc. Portable multiple tamper unit. 2,855,862, 10-14-58, Cl. 104-12.
- Kinda, Daniel: See—
Carlo, Re, Rice, Birkeland, Koozin, Duncan, and Kinda. 2,844,073.
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- Kindar Corp.: See—
Buck, Willard E. 2,819,441.
- Kindel, William H.: See—
Broyles, Horace N., Evans, Pavoni, and Kindel. 2,850,857.
Wilson, James S., Perman, Hansen, Broyles, Evans, Pavoni, and Kindel. 2,864,218.
- Kindelberger, James H., to North American Aviation, Inc. Rocket launcher. 2,835,170, 5-20-58, Cl. 89-1.7.
- Kindell, Garold. Retractable rollers for truck beds. 2,836,278, 5-27-58, Cl. 193-42.
- Kinder, David H., and R. Stricklen, to Allied Research Products, Inc. Method for protecting magnesium and magnesium alloys from corrosion. 2,864,730, 12-16-58, Cl. 148-6.2.
- Kinderman, Walter J.: See—
Yarnall, David R., and Kinderman. 2,840,112.
- Kinderman, Walter J., to Yarnall-Waring Co. Automatic boiler condition measurement and control. 2,851,016, 9-9-58, Cl. 122-379.
- Kindig, Arnie J., to The Jeffrey Mfg. Co. Idle roll shaft support and interlock means. 2,843,432, 7-15-58, Cl. 308-20.
- Kindig, Arnie J., to The Jeffrey Mfg. Co. Conveyor roll shell assembly and method of making it. 2,851,140, 9-9-58, Cl. 193-37.
- Kindl, Franklin J., to Bell Aircraft Corp. Valve stems. 2,850,307, 9-2-58, Cl. 287-58.
- Kindler, Karl, and W. Hansen, to Chemische Fabrik Promonta G. m. b. H. Diaryl and arylthienyl alkylamines and process for preparing the same. 2,831,859, 4-22-58, Cl. 260-247.1.
- Kindred, Bob A., to Sierra Engineering Co. Emergency exhalation valve. 2,828,740, 4-1-58, Cl. 128-142.
- Kindred, Bob A., to Sierra Engineering Co. Rapid decompression relief valve. 2,839,054, 6-17-58, Cl. 128-142.
- Kindred, George C., to Underhill Investors, Inc. Exhibiting devices. 2,866,646, 12-30-58, Cl. 274-1.
- Kindred, Raymond L.: See—
Sparks, Marshall S., Jr., and Kindred. 2,831,118.
- Kindseih, Harold V., to Bemis Bro. Bag Co. Bag filling, weighing, and sealing machines. 2,821,354, 1-28-58, Cl. 249-15.
- Kindt, Ernest T. Valve. 2,827,259, 3-18-58, Cl. 251-80.
- Kine, Benjamin B.: See—
Alps, Hugo A., McWherter, and Kine. 2,828,224.
McWherter, Paul W., Kine, and Alps. 2,828,220.
McWherter, Paul W., Kine, and Alps. 2,828,221.
McWherter, Paul W., Kine, and Alps. 2,828,223.
- Kine, Benjamin B., and N. A. Matlin, to Rohm & Haas Co. Process for stabilization of protein textiles with 4-vinyl pyridine copolymers and products produced therefrom. 2,827,359, 3-18-58, Cl. 8-127.6.
- Kine, Benjamin B., P. W. McWherter, and H. A. Alps, to Rohm & Haas Co. Method of coating leather with polymers containing units of acrylyl or methacrylyl dicvandamide and the resulting article. 2,828,222, 3-25-58, Cl. 117-76.
- King, Alexander H., to United Aircraft Corp. Fluid transmission unit. 2,834,219, 5-13-58, Cl. 74-206.
- King, Alfred B., Co. The: See—
King, John P. 2,834,589.
- King, Baldwin. Drapery suspension device. 2,840,159, 6-24-58, Cl. 160-348.
- King, Bernard B.: See—
Strickland, Albert N., and King. 2,860,321.
- King, Bernard B. Television tuner with local oscillator variably coupled to mixer through tunable long lines. 2,835,796, 5-20-58, Cl. 250-20.
- King, Burnham W., and J. Schultz, Jr., to The Fletcher Enamel Co. Plural coat enameling process. 2,864,721, 12-16-58, Cl. 117-70.
- King, Carl H.: See—
Hundt, Laurence H., and King. 2,859,542.
- King, Charles B.: See—
Wildhaber, Ernest, and King. 2,857,774.
Wildhaber, Ernest, and King. 2,857,819.
- King, Charles C., to The M. W. Kellogg Co. Purification and alkylation of hydrocarbons. 2,829,182, 4-1-58, Cl. 260-683.15.

- King, Charles D.: *See*—
Hindle, Norman F., King, and Parish. 2,833,265.
- King, Charles S., to The Rover Co. Ltd. Means for securing a rotor on a shaft. 2,836,448, 5-27-58, Cl. 287-53.
- King, Charles W., to General Motors Corp. Transistor control circuit for parallel generators. 2,859,356, 11-4-58, Cl. 307-57.
- King, Charles W., to General Motors Corp. Control circuit. 2,859,358, 11-4-58, Cl. 307-57.
- King, D. Byron: *See*—
Lewis, George T. 2,859,118.
- King, Daniel O., and F. R. Lofthouse, to Caterpillar Tractor Co. Overspeed shutdown controls for diesel engines. 2,831,474, 4-22-58, Cl. 123-198.
- King, Donald F.: *See*—
Hansen, Kenneth W., and King. 2,852,401.
- King, Donald F., and A. L. Renkey, to Harbison-Walker Refractories Co. Explosion resistant refractory castable. 2,845,360, 7-29-58, Cl. 106-104.
- King, Donald M. Conveyor systems. 2,844,105, 7-22-58, Cl. 104-93.
- King, Donald M. Conveyor systems. 2,844,241, 7-22-58, Cl. 198-110.
- King, Earle C.: *See*—
Campana, Robert J., and King. 2,842,964.
- King, Edward J., and H. M. Clark, to United States of America, Atomic Energy Commission. Precipitation of uranium peroxide of low fluoride content from solutions containing fluorides. 2,847,277, 8-12-58, Cl. 23-14.5.
- King, Emmet: *See*—
King, Valentine J. 2,865,113.
- King, Frederick E., to British Celanese Ltd. Plasticisers. 2,844,483, 7-22-58, Cl. 106-180.
- King, Frederick H. Hose nozzle holder. 2,842,327, 7-8-58, Cl. 248-88.
- King, George, to General Telephone Laboratories, Inc. Reverse battery paystation. 2,820,847, 1-21-58, Cl. 179-6.3.
- King, George, to Albright & Wilson (MFG) Ltd. Manufacture of light coloured aluminous cement. 2,859,124, 11-4-58, Cl. 106-104.
- King, George E.: *See*—
Samios, George, and King. 2,836,770.
- King, George E., to Westinghouse Electric Corp. Adjustable voltage draw bench control system. 2,853,669, 9-23-58, Cl. 318-282.
- King, George E., and M. P. White, to Westinghouse Electric Corp. Switching systems. 2,854,587, 9-30-58, Cl. 307-88.
- King, Geo. W., Ltd.: *See*—
Burrows, Arthur T. C. 2,862,600.
- King, George W., and C. A. Washburn, to General Precision Laboratory Inc. Television color masker. 2,845,482, 7-29-58, Cl. 178-5.4.
- King, Gilbert W., E. L. Hughes, G. W. Brown, and L. N. Ridenour, to International Telemeter Corp. Information storage system. 2,843,841, 7-15-58, Cl. 340-173.
- King, Gordon van B. Spiral sweep generator. 2,857,553, 10-21-58, Cl. 315-24.
- King, Harry: *See*—
Graddoff, Alex. Howell, and Vinoff. 2,822,569.
- King, Henry D. Method of making an adhesive and method of making a paper product. 2,824,037, 2-18-58, Cl. 154-138.
- King, James F., Jr., to The Bahnsen Co. Air nozzle. 2,845,303, 7-29-58, Cl. 299-62.
- King, James T. Self-closing, plural cavity case. 2,856,066, 10-14-58, Cl. 206-41.
- King, John. Surface polishing device. 2,865,037, 12-23-58, Cl. 15-124.
- King, John A.: *See*—
Meltzer, Robert I., and King. 2,833,774.
- King, John A., to Warner-Lambert Pharmaceutical Co. Hydrazides of pyridazonyl-substituted alkanolic acids. 2,832,780, 4-29-58, Cl. 260-250.
- King, John J. Safety razor having plurality of shaving adjustments. 2,850,801, 9-9-58, Cl. 30-46.
- King, John P., to The Alfred B. King Co. Annealing spider. 2,834,589, 5-13-58, Cl. 263-47.
- King, John P. H., and E. Pearson, to British Celanese Ltd. Process and apparatus for producing pellets from thermoplastic sheet material. 2,862,350, 12-2-58, Cl. 57-34.
- King, John W. Support for engineer's plumb rod and high-way warning signal. 2,843,347, 7-15-58, Cl. 248-44.
- King, Joseph C.: *See*—
Webb, Robert O. 2,832,345.
- King, Julius R.: *See*—
Pfeiffer, Paul O., Slemmons, and King. 2,839,440.
- King, Kenneth G.: *See*—
Walker, Alec H. B., Martin, and King. 2,832,032.
- King, Kenneth L., to Norden-Ketay Corp. Telemetric position sensing device. 2,843,842, 7-15-58, Cl. 340-199.
- King, Kenneth L., to United Aircraft Corp. Scanning system. 2,859,396, 11-4-58, Cl. 318-282.
- King, Laurence F., to Esso Research and Engineering Co. Mixed hydroxy fatty acid-unsaturated fatty acid thickened grease compositions. 2,820,762, 1-21-58, Cl. 252-18.
- King, Lawrence, to Pyramid Mfg. Co. Inc. Fabric separating apparatus. 2,822,602, 2-11-58, Cl. 28-17.
- King, Louis R.: *See*—
Stelma, Gerard N., Krook, and King. 2,845,304.
- King, Mack A., Jr.: *See*—
Partansky, Alexander M., and King. 2,838,473.
- King, Paul A.: *See*—
Giovannucci, Julius L., Pels, and King. 2,845,698.
- King, Peter M.: *See*—
Bray, Frederick H., King, and Rice. 2,850,571.
- King, Philip J. Can. 2,854,167, 9-30-58, Cl. 220-66.
- King, Philip W.: *See*—
Kavanaugh, Richard J., King, and van Lieshout. 2,840,773.
- King, Raymond E., Jr., and N. F. Schuh, Jr., to Westinghouse Electric Corp. Alternating current generator system. 2,840,725, 6-24-58, Cl. 307-87.
- King, Robert J., to McGraw-Edison Co. Waterproof electrical couplings and heating element. 2,840,676, 6-24-58, Cl. 201-67.
- King, Ruth. Exerciser. 2,855,198, 10-7-58, Cl. 272-58.
- King Sales & Engineering Co.: *See*—
McGihon, Leonard. 2,827,149.
- McGihon, Leonard. 2,835,375.
- McGihon, Leonard. 2,835,885.
- McGihon, Leonard. 2,846,549.
- McGihon, Leonard. 2,846,550.
- Gaskell, Walter L. 2,836,206.
- Gaskell, Walter L. 2,844,173.
- Hanssen, Tore B. 2,844,677.
- Sivacek, Emil E. 2,835,192.
- Sivacek, Emil E. 2,846,543.
- Whinery, George B. 2,846,556.
- King, Valentine J. 25% to E. King, 15% to P. Bergemann, 15% to T. L. Bergemann, and 20% to W. Bergemann. Parliamentary procedure guide board. 2,865,113, 12-23-58, Cl. 35-21.
- King, William D. Circular boat. 2,826,163, 3-11-58, Cl. 114-57.
- King, William F., to General Motors Corp. Balancing machine. 2,821,858, 2-4-58, Cl. 73-462.
- King, William F., to Eaton Mfg. Co. Electric coupling. 2,855,527, 10-7-58, Cl. 310-105.
- King, William F., to Eaton Mfg. Co. Elimination of cooling liquid drag in eddy current devices. 2,864,015, 12-9-58, Cl. 310-93.
- King, William H., to the United States of America as represented by the Secretary of Agriculture. Pretreatment of oilseed meats. 2,820,407, 1-14-58, Cl. 260-412.3.
- King, William R., to Phillips Petroleum Co. Recycle control for carbon black pellet mill. 2,828,190, 3-25-58, Cl. 23-313.
- King, William R. Fluid strainers. 2,835,390, 5-20-58, Cl. 210-411.
- King, William R., to Phillips Petroleum Co. Method and apparatus for oil preheat for carbon black furnace. 2,844,443, 7-22-58, Cl. 23-209.6.
- King, William R., to Phillips Petroleum Co. Process and apparatus for recovery of powdered materials such as carbon black. 2,864,674, 12-16-58, Cl. 23-314.
- King, William R., and G. J. Webster, to Phillips Petroleum Co. Gas lifting carbon black pellets. 2,837,415, 6-3-58, Cl. 23-314.
- Kingan, Inc.: *See*—
Hanley, Jack W., and Draudt. 2,844,478.
- Kingdom, Myrle E. Expandable pulley. 2,834,220, 5-13-58, Cl. 74-230.17.
- Kingdon, Ralph H.: *See*—
Stanback, Harris I., and Kingdon. 2,822,446.
- Kingdon, Ralph H., to Square D Co. Enclosure and operating means for electrical instrumentalities. 2,850,916, 9-9-58, Cl. 74-503.
- Kingdon, William R.: *See*—
Caldwell, John R., and Kingdon. 2,828,339.
- Kingery, Lillian C., and D. T. Baker. Hair and scalp treating apparatus. 2,856,918, 10-21-58, Cl. 128-64.
- Kinghurst Ltd.: *See*—
Rich, Carl. 2,858,410.
- King-O-Matic Equipment Corp.: *See*—
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- Kingsboro Mills, Inc.: *See*—
Warten, Fredrick. 2,834,020.
- Kingsbury, Eugene L.: *See*—
Alexander, Bruce, Kingsbury, and Andrews. 2,853,107.
- Harden, Carl, Stansbury, and Kingsbury. 2,822,010.
- Kingsbury, Franklin L., to National Lead Co. Method of producing titanium. 2,835,568, 5-20-58, Cl. 75-84.5.
- Kingsbury, George P.: *See*—
Hilpmann, Paul, and Kingsbury. 2,820,544.
- Kingsbury Machine Tool Corp.: *See*—
Grover, Robert R. 2,821,870.
- Grover, Robert R. 2,842,985.
- Kingsbury, Ralph E., to Underwood Corp. Typewriter and the like, with elongated platen carriage. 2,827,147, 3-18-58, Cl. 197-186.
- Kingsbury, Ralph N., to Owens-Corning Fiberglas Corp. Method of dyeing tightly wound glass fibers sized with a water swellable material. 2,849,333, 8-26-58, Cl. 117-63.
- Kingslake, Rudolf: *See*—
Altman, Fred E., and Kingslake. 2,823,583.
- McLeod, John H., and Kingslake. 2,843,011.
- Kingsley, David G., to Stapling Machines Co. Apparatus for feeding cleats to box-making machines. 2,827,201, 3-18-58, Cl. 221-116.

- Kingsley, David G., to Stapling Machines Co. Apparatus for attaching wirebound box parts. 2,832,377, 4-29-58, Cl. 140-93.
- Kingsley, David G., to Stapling Machines Co. Box closing machine. 2,849,950, 9-2-58, Cl. 100-56.
- Kingsley, Edward E.: See—
Smith, Leroy E. 2,850,073.
- Kingsley, Lewis A. Foil container. 2,844,246, 7-22-58, Cl. 206-52.
- Kingsley, Wayne H.: See—
Buescher, William E., Kerstetter, and Kingsley. 2,822,080.
- Kingston Products Corp.: See—
Dull, William B. 2,826,663.
- Kinkead, Alan, to William Wallace Co. Telescopic wall flue connection with locking ring. 2,851,288, 9-9-58, Cl. 285-133.
- Kinkead, Robert E., deceased; The Cleveland Trust Co., executor, to The Cleveland Trust Co., as trustee, Apparatus for fusing surface of slab. 2,828,406, 3-25-58, Cl. 219-76.
- Kinkel, John F., to Consolidated Electrodynamics Corp. Electronic closed loop system. 2,849,669, 8-26-58, Cl. 318-32.
- Kinker, Clarence C.: See—
Graff, George, Kinker, and Owen. 2,848,728.
Murtagh, James J., and Kinker. 2,839,876.
- Kinley, Clifford B. Container and resiliently supported closure member therefor. 2,838,213, 6-10-58, Cl. 222-498.
- Kinley, John C. Internal pipe caliper tools and recording means. 2,853,788, 9-30-58, Cl. 33-178.
- Kinley, M. M., Co.: See—
Kinley, Myron M., and Robertson. 2,825,141.
- Kinley, Myron M., and F. F. Robertson; said Robertson assor. to M. M. Kinley Co. Pipe caliper tools. 2,825,141, 3-4-58, Cl. 33-178.
- Kinman, Albert H. Disposable feeding implement. 2,859,515, 11-11-58, Cl. 30-141.
- Kinne, Marvin A. Neck exercising device. 2,855,202, 10-7-58, Cl. 272-80.
- Kinnear, Harry B.: See—
Perrin, Tom S., Everson, and Kinnear. 2,854,327.
- Kinnear, John A. C.: See—
Whitehead, Eric A. N., and Kinnear. 2,830,273.
- Kinnear Mfg. Co., The: See—
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- Kinneman, William P., Jr., to The Standard Oil Co. Slushing oils containing copper powder. 2,852,396, 9-16-58, Cl. 100-14.
- Kinnett, Lucian. Safety device for ladders. 2,837,260, 6-3-58, Cl. 228-67.
- Kinney, Alfred W., to American Can Co. Cap feeding and positioning means. 2,836,328, 5-27-58, Cl. 221-211.
- Kinney, David C., to Continental Motors Corp. Protective device for internal combustion engines. 2,836,164, 5-27-58, Cl. 123-196.
- Kinney, David C., and D. L. Donovan, to Continental Motors Corp. 2,832,326, 4-29-58, Cl. 123-4131.
- Kinney, Frederick M., to Vickers Inc. Power transmission. 2,830,193, 4-8-58, Cl. 290-7.
- Kinney, John W., Jr., to J. J. Pluckebaum. Sheet retaining device. 2,845,931, 8-5-58, Cl. 129-1.
- Kinney, Lawrence W.: See—
Greer, Fred W., Hill, and Kinney. 2,855,893.
- Kinney, Ted D.: See—
Buck, Russell E., and Kinney. 2,859,044.
- Kinney, Walter B.: See—
Salzberg, Harold K., and Kinney. 2,860,062.
- Kinnicut, Roger, Jr., to Morgan Construction Co. Cooling bed actuating mechanism. 2,823,548, 2-18-58, Cl. 74-44.
- Kinnucan, Walter F. Traction device. 2,858,871, 11-4-58, Cl. 152-220.
- Kinoshita, Kojiro, I. Yasuda, and H. Fukukita, to Japan Broadcasting Corp. Pulse time modulation signal transmission system. 2,825,028, 2-25-58, Cl. 332-9.
- Kinsch, Francis J., to The Rauland Corp. Cathode-ray tube filming apparatus. 2,846,974, 8-12-58, Cl. 118-317.
- Kinsch, Frank J.: See—
Levin, Nathan D., and Kinsch. 2,828,217.
- Kinsella, Arthur J., Jr., S. P. Dickens, W. P. Ballard, and B. F. Smith, to The Texas Co. Treating process employing a fluidized mass of adsorbent. 2,834,429, 5-13-58, Cl. 183-114.2.
- Kinsella, Howard R., Jr.: See—
Smith, Carl A., and Kinsella. 2,850,257.
- Kinsey, Richard P.: See—
Barley, Thomas, Elliott, and Kinsey. 2,829,032.
- Kinsey, Ronald W. S., and B. D. Simmons, to Siemens Edison Swan Ltd. Arrangements for magnetic amplifier circuit selection. 2,842,734, 7-8-58, Cl. 323-89.
- Kinsman, George F. Portable sectional hoist. 2,857,021, 10-21-58, Cl. 187-9.
- Kinsman, Harold E.: See—
Van Court, Carl P., Kinsman, and Skinner. 2,823,668.
- Kinsman, Russell C., to The Branford Co. Pneumatic impact device. 2,862,475, 12-2-58, Cl. 121-13.
- Kinstler, Robert C., to American Cyanamid Co. Preparation of sulfenimorpholides. 2,840,556, 6-24-58, Cl. 260-247.1.
- Kinstler, Robert C., and D. E. Young, to American Cyanamid Co. Rubber accelerator. 2,840,563, 6-24-58, Cl. 260-306.5.
- Kinstler, Robert C., R. S. Parker, and G. Brunnstrom, to American Cyanamid Co. Rubber accelerator. 2,840,564, 6-24-58, Cl. 260-306.5.
- Kintanar, Freddie E.: See—
Chapin, Howard R., and Kintanar. 2,863,617.
- Kintz, Earl E. Brush holder attachment. 2,855,123, 10-7-58, Cl. 220-96.
- Kinzing, Reese T., to Westinghouse Electric Corp. Adjustable multi-cam assembly with replaceable cam units. 2,861,469, 11-25-58, Cl. 74-568.
- Kinzelman, Joseph, to Gasway Corp. Temperature control for ironing machines. 2,825,156, 3-4-58, Cl. 38-44.
- Kinzelman, Joseph, to Gasway Corp. Burner construction for ironing machines. 2,836,910, 6-3-58, Cl. 38-49.
- Kious, William W., to S. Carder. Gauge. 2,832,145, 4-29-58, Cl. 33-126.4.
- Kip, Charles E.: See—
Fortess, Fred, Hohing, and Kip. 2,853,451.
- Kip, Inc.: See—
Hiscock, Earle F. 2,824,002.
- Kipnis, Abraham. Pastry cooking machine. 2,833,204, 5-6-58, Cl. 99-405.
- Kippe, Otto, to P. O. Tobler, doing business under the name of Trans-Oceanic. Method of producing crude iron. 2,842,434, 7-8-58, Cl. 75-2.
- Kippe, Otto, to P. O. Tobler, d. b. a. Trans-Oceanic. Method of producing ammonium nitrate and magnesium hydroxide. 2,852,340, 9-16-58, Cl. 23-103.
- Kippenhan, Dean O.: See—
Hester, Ross E., Kippenhan, and Lamb. 2,860,279.
- Kiraly, Joseph L. Metered dosage valve. 2,835,417, 5-20-58, Cl. 222-355.
- Kiraly, Joseph L., and A. Gaines, to Aerosol Research Co. Seeper valve assembly. 2,826,453, 3-11-58, Cl. 299-24.
- Kiraly, Karl L., to R. A. Brown and W. R. Roll. Universal range finder assembly. 2,826,975, 3-18-58, Cl. 95-44.
- Kirby, Arthur F., to E. I. du Pont de Nemours and Co. Process for the preparation of 4-carboalkoxy-2-chlorobutyric acids. 2,840,596, 6-24-58, Cl. 260-485.
- Kirby, Ben H.: See—
Schulze, Chris C., Kirby, and Brouillard. 2,842,552.
- Kirby, James B. Vacuum cleaner. 2,823,411, 2-18-58, Cl. 15-352.
- Kirby, James B. Vacuum cleaner nozzle adjustment. 2,823,412, 2-18-58, Cl. 15-354.
- Kirby, James B., to The Apex Electrical Mfg. Co. Washing machine. 2,823,975, 2-18-58, Cl. 8-159.
- Kirby, John H., II. Permanent magnet fishing tool. 2,830,663, 4-15-58, Cl. 166-65.
- Kirby, John H., II. Permanent magnet fishing tool. 2,830,664, 4-15-58, Cl. 166-65.
- Kirby, Wilfred, and F. K. Daniels, to Vickers-Armstrongs Ltd. Machines for forming fold lines in boards or sheets. 2,818,789, 1-7-58, Cl. 93-58.1.
- Kirby, Woodrow P., and J. E. Meyers, to The Magnavox Co. Telescoping dipole antenna. 2,866,198, 12-23-58, Cl. 343-901.
- Kirchel, Alan A.: See—
Foll, John V., Sieber, and Kirchel. 2,839,603.
- Kirchensteiner, Hans, and H. Spiegelberg, to Hoffmann-La Roche Inc. Process for the manufacture of an isoxazolidone compound. 2,862,001, 11-25-58, Cl. 260-307.
- Kirchensteiner, Hans, R. Schlapfer, and H. Spiegelberg, to Hoffmann-La Roche Inc. Synthesis of 4-amino-3-isoxazolidones. 2,862,003, 11-25-58, Cl. 260-307.
- Kircher, Charles E., Jr., and R. J. Jones, to Detrex Chemical Industries, Inc. Filters. 2,862,622, 12-2-58, Cl. 210-333.
- Kircher, John G. Stamp pad. 2,857,877, 10-28-58, Cl. 118-264.
- Kircher, Nevin W., to The Standard Oil Co. (Ohio). Flange unit for laterally insertable pipe section. 2,831,708, 4-22-58, Cl. 285-31.
- Kircher, Paul J., to Landers, Frary & Clark. Food chopper support. 2,844,341, 7-22-58, Cl. 248-1.
- Kirchner, Ralph N., to West Bend Aluminum Co. Strip cups. 2,841,050, 7-1-58, Cl. 88-14.
- Kirchner, Raymond J., to Hughes Aircraft Co. Crystal controlled transistor oscillator systems. 2,853,615, 9-23-58, Cl. 250-36.
- Kirchner, Raymond J., to Bell Telephone Laboratories, Inc. Diode circuits. 2,854,651, 9-30-58, Cl. 340-155.
- Kirchhoff, Friedrich W., to Deutsche Gerätebau Gesellschaft mit beschränkter Haftung. Mixing and metering device for fuel mixtures. 2,829,800, 4-8-58, Cl. 222-26.
- Kirchhubel, Kurt: See—
Cuppers, Curt, and Kirchhubel. 2,855,821.
- Kirchler, Lewis, and V. E. Rezakab, to International Harvester Co. Earth-moving scraper bowl lift arrangement. 2,852,871, 9-23-58, Cl. 37-126.
- Kirchmayer, Leon K., to General Electric Co. Electric power control system. 2,839,692, 6-17-58, Cl. 307-57.
- Kirchner, Alexander A. Cable cutter. 2,823,454, 2-18-58, Cl. 30-228.
- Kirchner, Francois F., to Schlumberger Well Surveying Corp. Magnetic resonance apparatus. 2,859,403, 11-4-58, Cl. 324-5.
- Kirchner, Frederick K.: See—
Cavallito, Chester J., and Kirchner. 2,863,910.
- Kirchner, Frederick K., to Sterling Drug Inc. Mono-quaternary ammonium salts of bis-tertiary-aminoalkyl amides of alkanedioic acids. 2,857,390, 10-21-58, Cl. 260-294.
- Kirchner, Frederick K., to Sterling Drug Inc. 3-oxo-3,4-dihydro-1,4,2-benzothiazine-2-acetic acid amides and preparation thereof. 2,863,864, 12-9-58, Cl. 260-243.

- Kirchner, Ignatz A. Apparatus for prestressing reinforcing wires for reinforced concrete parts in mass production. 2,863,206, 12-9-58, Cl. 25-118.
- Kirchoff, Elden L. Furrowing and ridging machine. 2,826,132, 3-11-58, Cl. 97-55.
- Kirk & Blum Mfg. Co., The: See—
- McNeil, George L., and Burroughs. 2,819,666.
- Kirk, David N., V. Petrow, I. A. Stuart-Webb, and D. K. Patel, to The British Drug Houses Ltd. Organic compounds. 2,823,213, 2-11-58, Cl. 260-397.4.
- Kirk, George B.: See—
- Riddell, Wallace C., and Kirk. 2,853,394.
- Kirk, George B., to Kaiser Gypsum Co., Inc. Cementitious compositions and method of making the same. 2,856,304, 10-14-58, Cl. 106-111.
- Kirk, Hugh A.: See—
- Morris, Harold H. 2,836,529.
- Kirk, James A. Machine for making paper flower pots. 2,818,788, 1-7-58, Cl. 93-36.2.
- Kirk, James C., and W. W. Woods, to Continental Oil Co. Purification of alkaryl sulfonates. 2,836,619, 5-27-58, Cl. 260-505.
- Kirk, James H., to Sinclair Refining Co. Process for preparing lubricating oils. 2,849,385, 8-26-58, Cl. 196-147.
- Kirk, Ralph D., $\frac{1}{2}$ to R. D. Small. Child's vehicle of the velocipede type. 2,837,342, 6-3-58, Cl. 280-1.189.
- Kirk, Reginia. Barbecue cooker. 2,842,044, 7-8-58, Cl. 99-339.
- Kirk, Roy C., and R. W. Reid, to The Dow Chemical Co. Magnesium anode primary cell. 2,850,557, 9-2-58, Cl. 136-100.
- Kirk, Walter B., to Westinghouse Air Brake Co. Fluid pressure brake apparatus with equalizing reservoir pressure build-back preventing means. 2,846,272, 8-5-58, Cl. 303-55.
- Kirk, William F.: See—
- Margolin, Harold, and Kirk. 2,860,971.
- Kirk, William R., to General Dynamics Corp. Securing device. 2,839,322, 6-17-58, Cl. 292-251.
- Kirk, William W., to General Electric Co. Electric incandescent lamp. 2,824,995, 2-25-58, Cl. 313-271.
- Kirkbride, Jack D. Campaign ribbon bar holder. 2,834,129, 5-13-58, Cl. 40-15.
- Kirkell, Leon H. Towel dispensing cabinet. 2,849,268, 8-26-58, Cl. 312-38.
- Kirkland, Earl V., to The American Oil Co. Alkylated esters. 2,866,812, 12-30-58, Cl. 260-485.
- Kirkland, Elijah V. Cylinder stop for a revolver. 2,853,823, 9-30-58, Cl. 42-67.
- Kirkman, Fredrick J., to Burgess Battery Co. Primary cell and battery. 2,830,110, 4-8-58, Cl. 136-111.
- Kirkman, Peter J., to Libbey-Owens-Ford Glass Co. Scribing device. 2,859,524, 11-11-58, Cl. 33-27.
- Kirkpatrick, Alan F., and T. G. Rochow, to American Cyanamid Co. Triazine additives to metal powders. 2,822,270, 2-4-58, Cl. 75-214.
- Kirkpatrick, James S., to Brooks and Perkins, Inc. Method of curving magnesium printing plates. 2,841,082, 7-1-58, Cl. 101-401.1.
- Kirkpatrick, James S., and P. Zylstra, Jr., to Brooks & Perkins, Inc. Method of making cylindrically curved printing plates. 2,841,083, 7-1-58, Cl. 101-401.1.
- Kirkpatrick, Max B. Mining machine. 2,864,600, 12-16-58, Cl. 262-7.
- Kirkpatrick, Robert D. Match case. 2,821,074, 1-28-58, Cl. 67-7.
- Kirkpatrick, Willard H., and A. Walker, to Visco Products Co. Oxyalkylene compounds. 2,839,558, 6-17-58, Cl. 260-448.8.
- Kirkpatrick, Willard H., and A. Walker, to Visco Products Co. Demulsifying process. 2,841,563, 7-1-58, Cl. 252-340.
- Kirkpatrick, William E., to Bell Telephone Laboratories, Inc. Electron discharge storage device. 2,859,376, 11-4-58, Cl. 315-8.5.
- Kirksey, Charles E., $\frac{1}{16}$ to Waller, Threlkeld and Whitlow, and $\frac{1}{16}$ to J. E. Kirksey. Portable power saw having oppositely reciprocating blades. 2,840,125, 6-24-58, Cl. 143-68.
- Kirksey, John E.: See—
- Kirksey, Charles E. 2,840,125.
- Kirkwood, George B., and E. F. Twieg, to The Texas Co. Process for producing oil-insoluble materials. 2,847,439, 8-12-58, Cl. 260-451.
- Kirkwood, Loren R.: See—
- Flood, Robert D., and Kirkwood. 2,835,728.
- Kirsch, Nathan C., to Schering Corp. Bottle closure. 2,854,003, 9-30-58, Cl. 48-233.
- Kirschenbauer, Hans G., to Colgate Palmolive Co. Dental preparations comprising higher aliphatic perfluorinated acid compounds. 2,829,086, 4-1-58, Cl. 167-93.
- Kirschenbaum, Samuel. Capping device. 2,829,807, 4-8-58, Cl. 222-421.
- Kirschmann, John D. Fertilizer distributor. 2,819,826, 1-14-58, Cl. 222-272.
- Kirschner, Adelbert E., Jr., to Sperry Rand Corp. Compensated charge storage circuit. 2,832,887, 4-29-58, Cl. 250-27.
- Kirschner, Louis A. Drain trap and means for locking same to the waste pipe. 2,843,146, 7-15-58, Cl. 137-433.
- Kirshenbaum, Abraham D.: See—
- Streng, Alex G., and Kirshenbaum. 2,836,484.
- Kirshenbaum, Isidor: See—
- Hughes, Vincent L., and Kirshenbaum. 2,834,812.
- Hughes, Vincent L., Kirshenbaum, and Banes. 2,828,344.
- Kearby, Kenneth K., and Kirshenbaum. 2,866,747.
- Kearby, Kenneth K., Kirshenbaum, and Baker. 2,861,945.
- Kirshenbaum, Isidor, to Esso Research and Engineering Co. Hydroforming process using high activity catalysts containing silica and chromia. 2,865,844, 12-23-58, Cl. 208-134.
- Kirshenbaum, Isidor, S. B. Mirviss, and T. Lemiszka, to Esso Research and Engineering Co. Method of oxidizing aluminum alkyls. 2,863,894, 12-9-58, Cl. 260-448.
- Kirstahler, Alfred: See—
- Strauss, Wenemar, Kirstahler, and Willmund. 2,842,488.
- Kirstahler, Alfred, W. Strauss, and W.-D. Willmund, to Dehydag, Deutsche Hydrierwerke G. m. b. H. Electroplating process. 2,849,352, 8-26-58, Cl. 204-44.
- Kirsten, Berndt. Combined knob and dial. 2,819,698, 1-14-58, Cl. 116-124.
- Kirsten, Hugo R. Lock buckle. 2,861,316, 11-25-58, Cl. 24-167.
- Kirzner, Samuel, $\frac{1}{2}$ to H. A. Alpern. Dressing tool holder. 2,826,189, 3-11-58, Cl. 125-11.
- Kise, Mearl A., R. W. Barton, and R. H. Ingwall, to Virginia Smelting Co. Oxidative-reductive multi-stage bleaching of ground wood pulp. 2,862,784, 12-2-58, Cl. 8-104.
- Kish, Arthur S.: See—
- Ziherl, Frank, and Kish. Re. 24,419.
- Ziherl, Frank, and Kish. 2,821,193.
- Ziherl, Frank A., and Kish. 2,821,981.
- Kish, George D.: See—
- Risley, Roger E., and Kish. 2,822,191.
- Kish, Joseph, and F. Brancato, to Ex-Cell-O Corp. Grinding wheel dresser. 2,821,974, 2-4-58, Cl. 125-11.
- Kish, Michael, Jr., to Atlantic Products Corp. Pockets for golf bag. 2,861,613, 11-25-58, Cl. 150-1.5.
- Kish, Michael, Jr., to Atlantic Products Corp. Adjustable golf bag. 2,861,614, 11-25-58, Cl. 150-1.5.
- Kishibay, Charles O., to The Singer Mfg. Co. Sewing machine supports. 2,829,396, 4-8-58, Cl. 16-135.
- Kishline, Floyd F., J. S. Voigt, and G. V. Hedstrom, to American Motors Corp. Water pump mounting. 2,842,063, 7-8-58, Cl. 103-103.
- Kishline, Floyd F., and H. F. Wood, to American Motors Corp. Turbine wheel assembly. 2,856,152, 10-14-58, Cl. 253-39.
- Kisiel, Cecil S.: See—
- Kisiel, Stanley C. C. S., and H. J. 2,834,145.
- Kisiel, Henry J.: See—
- Kisiel, Stanley C. C. S., and H. J. 2,834,145.
- Kisiel, Stanley C. C. S., and H. J., to The Pinnacle Products Co. Minnow bucket. 2,834,145, 5-13-58, Cl. 43-56.
- Kisling, James W. Blowout preventer. 2,839,263, 6-17-58, Cl. 251-1.
- Kissel, George, to National Dairy Products Corp. Method of producing casein substantially free of vitamin B₁₂. 2,853,479, 9-23-58, Cl. 260-120.
- Kissenberger, William A. Buoyant receptacle for a diving device. 2,864,101, 12-16-58, Cl. 9-17.
- Kissinger, Charles W., to United States of America, Commerce. Chatter accelerometer. 2,849,629, 8-26-58, Cl. 310-8.4.
- Kissinger, Curtis D. Aircraft. 2,864,567, 12-16-58, Cl. 24-13.
- Kissinger, Henry W. Dough-molding machine. 2,859,712, 1-11-58, Cl. 107-9.
- Kissling, Albert C. Evacuating and sealing apparatus. 2,840,964, 7-1-58, Cl. 53-74.
- Kissman, Henry M.: See—
- Baker, Bernard R., and Kissman. 2,833,764.
- Kissman, Henry M., J. P. Joseph, and B. R. Baker, to American Cyanamid Co. O-alkyltyrosine esters. 2,833,810, 5-6-58, Cl. 260-471.
- Kist, Karl E., to Harris-Intertype Corp. Sheet feeder. 2,857,161, 10-21-58, Cl. 271-48.
- Kister, Michel. Paper holder for sheets arranged in a pile. 2,823,032, 2-11-58, Cl. 271-61.
- Kistler, Samuel S.: See—
- Gregor, John R., and Kistler. 2,860,961.
- Kistler, Warren R. Oarlock. 2,832,969, 5-6-58, Cl. 9-26.
- Kistner, Harold J., to International Business Machines Corp. Wire printing typewriter. 2,851,141, 9-9-58, Cl. 197-1.
- Kistner, Herman H. Sliding window and door lock. 2,845,789, 8-5-58, Cl. 70-90.
- Kistner, Merrill M., to Steam Iron Corp. Steam iron. 2,825,157, 3-4-58, Cl. 38-77.
- Kistner, Merrill M., to Steam Iron Corp. Steam iron. 2,850,816, 9-9-58, Cl. 38-77.
- Kita, Benjamin B., to Advance Glove Mfg. Co. Gloves and/or mittens. 2,840,823, 7-1-58, Cl. 2-158.
- Kita, Donald A.: See—
- Davisson, Jacob W., Kita, and Routten. 2,848,370.
- Shull, Gilbert M., and Kita. 2,831,876.
- Kita, Donald A., and G. M. Shull, to Chas. Pfizer & Co., Inc. 11 β -hydroxylation of 11-methylene steroids with dothichiza. 2,830,936, 4-15-58, Cl. 195-51.
- Kita, Donald A., and H. T. Huang, to Chas. Pfizer & Co., Inc. Fermentation process for the production of L-lysine. 2,841,532, 7-1-58, Cl. 195-30.
- Kitchel, Eugene R. Crescent-shaped nut retainer for nuts used in heavy industrial equipment. 2,845,977, 8-5-58, Cl. 151-29.

- Kitchell, Thorne C., to Union Bag-Camp Paper Corp. Produce box. 2,858,058, 10-28-58, Cl. 229-33.
- Kitchell, Thorne C., to Union Bag-Camp Paper Corp. Produce container. 2,858,059, 10-28-58, Cl. 229-45.
- Kitchen Installations Ltd.: See—
- Hartog, Robbert. 2,846,695.
- Kitchen, Morrison G.: See—
- Coleman, Benny R., and Kitchen. 2,856,578.
- Kitchens, Garry C., to The Givaudan Corp. Myrcene-methacrolein adduct and process therefor. 2,842,598, 7-8-58, Cl. 260-598.
- Kitchens, Garry C., to The Givaudan Corp. Preparation of olfactory materials from dihydromyrcene. 2,851,480, 9-9-58, Cl. 260-489.
- Kitchens of Sara Lee, Inc.: See—
- Schmied, Joseph M. 2,855,891.
- Kitchin, Arthur. Adjustable traction frame for bedstead. 2,832,337, 4-29-58, Cl. 128-84.
- Kite, Francis E.: See—
- Hobbs, Kenneth C., Kerr, and Kite. 2,833,759.
- Kittelmann, Edward J.: See—
- Sifford, Luther L., and Kittelman. 2,823,790.
- Kitterman, Donald M.: See—
- Soffer, Jack W., and Kitterman. 2,831,608.
- Soffer, Jack W., and Kitterman. 2,831,618.
- Soffer, Jack W., and Kitterman. 2,839,225.
- Kittila, Richard S., to E. I. du Pont de Nemours and Co. Products and process. 2,843,520, 7-15-58, Cl. 167-33.
- Kittl, Emil A. M., to United States of America, Army. DC-AC converter. 2,843,819, 7-15-58, Cl. 321-49.
- Kittle, Leonard J.: See—
- Priest, Charles A. V. 2,820,353.
- Kittler, Milton J.: See—
- Stern, Melvin F., and Kittler. 2,826,400.
- Kittler, Milton J., to Holley Carburetor Co. Idle control system. 2,827,269, 3-18-58, Cl. 261-23.
- Kittler, Milton J., to Holley Carburetor Co. Mixture distribution control. 2,846,202, 8-5-58, Cl. 261-23.
- Kittler, Milton J., and M. F. Sterner, to Holley Carburetor Co. Transfer system. 2,856,168, 10-14-58, Cl. 261-41.
- Kittleson, Allen R., E. Arundale, J. H. Jones, and M. R. Fenske, to Esso Research and Engineering Co. Method of carrying out homogeneous vapor phase reactions. Re. 24,485, 6-10-58, Cl. 260-451.
- Kittleson, Allen R., and J. F. Nelson, to Esso Research and Engineering Co. N-trichloromethylthio derivatives. 2,856,410, 10-14-58, Cl. 260-306.7.
- Kitto, Wilbur H.: See—
- Staecker, William, and Kitto. 2,822,696.
- Kittredge, Arthur E., to American Water Softener Co. Water treatment. 2,855,363, 10-7-58, Cl. 210-30.
- Kittredge, Arthur E. Hot process softener. 2,860,786, 11-18-58, Cl. 210-196.
- Kitzinger, Joseph A., to Borg-Warner Corp. Apparatus for increasing blank holding pressure during drawing operation. 2,842,071, 7-15-58, Cl. 113-46.
- Kitzman, Mitchell P. Tool for adjusting valve mechanisms. 2,819,534, 1-14-58, Cl. 33-181.
- Kiuttn, Charles: See—
- Bogdanowski, John W., and Kiuttn. 2,835,886.
- Kivela, Stanley E. Intake manifold attachment. 2,851,027, 9-9-58, Cl. 123-187.5.
- Kivell, William J.: See—
- Smith, Charles J., Read, and Kivell. 2,850,275.
- Kivett, Jerome S., to Regal Plastic Co. Suitcase structure. 2,822,900, 2-11-58, Cl. 190-53.
- Kiwi, Walter: See—
- Rodgers, John C., and Kiwi. 2,841,057.
- Kiyuna, Paul C. Measuring device. 2,859,900, 11-11-58, Cl. 222-424.
- Kizaar, Arthur J., to General Electric Co. X-ray apparatus. 2,822,477, 2-4-58, Cl. 250-57.
- Kizaar, Arthur J., to General Electric Co. X-ray apparatus. 2,841,717, 7-1-58, Cl. 250-91.
- Kizaar, Arthur J., and R. J. Mueller, to General Electric Co. Mechanically operated serialographic apparatus and equipment embodying same. 2,858,445, 10-28-58, Cl. 250-66.
- Kizzek, Roger A., to General Mills, Inc. Method of closing the end of a balloon envelope. 2,830,923, 4-15-58, Cl. 154-85.
- Kjellsen, Arvid G., to Radio Corp. of America. Light element transport apparatus. 2,842,923, 7-15-58, Cl. 53-230.
- Kjonaas, Manley, to Sinclair Refining Co. Neutralization of mahogany sulfonic acids. 2,831,886, 4-22-58, Cl. 260-504.
- Kjormoe, Jack D. Fishing lure. 2,849,826, 9-2-58, Cl. 43-42.51.
- Klaas, Nicholas P., and A. E. Osterberg; said Klaas assor. to Rohm & Haas Co., and said Osterberg assor. to Abbott Laboratories. Blood preservation by ion exchange resin decalcification. 2,833,691, 5-6-58, Cl. 167-78.
- Klaasse, James M. Spinning type magnetometer. 2,822,515, 2-4-58, Cl. 324-43.
- Klaassen, Anne: See—
- Ensink, Johannes, and Klaassen. 2,854,514.
- Klaassen, Christiaan A. M.: See—
- Bol, Arie, Klaassen, and Jochems. 2,863,840.
- Klabunde, Otto. Protractor ruler and a vernier mechanism therefor. 2,864,169, 12-16-58, Cl. 33-75.
- Klabunde, Walter: See—
- Altimier, David F., and Klabunde. 2,828,183.
- Klaeb, Karl: See—
- Ackert, Rudolf, and Klaeb. 2,837,210.
- Klaeden, Fritz. Steady rest for cameras. 2,826,978, 3-18-58, Cl. 95-86.
- Klager, Karl: See—
- Frankel, Milton B., and Klager. 2,836,599.
- Klamm, Carl E., to Parker-Hannifin Corp. Hand held tube bending tool. 2,831,382, 4-22-58, Cl. 81-15.
- Klamm, Carl E., to Parker-Hannifin Corp. Tube bender with self tightening tube clamp. 2,852,063, 9-16-58, Cl. 153-46.
- Klamm, Paul: See—
- Bishop, Leonard J., and Klamm. 2,850,141.
- Bishop, Leonard J., and Klamm. 2,853,955.
- Klamm, Paul, to Mechanical Handling Systems, Inc. Sand-box construction for shell molding machines. 2,844,854, 7-29-58, Cl. 22-35.
- Klamm, Paul, to Mechanical Handling Systems, Inc. Shell mold stripping mechanism. 2,854,711, 10-7-58, Cl. 22-34.
- Klamm, Paul, to Mechanical Handling Systems, Inc. Single-station shellmolding machine. 2,864,135, 12-16-58, Cl. 22-20.
- Klamm, Paul, to Mechanical Handling Systems, Inc. Speed check device for conveyor system. 2,864,467, 12-16-58, Cl. 188-63.
- Klamm, William. Door operator. 2,851,266, 9-9-58, Cl. 268-59.
- Klancnik, Frank J., Jr., to Hi-Lo TV Antenna Corp. Antenna structure. 2,849,712, 8-26-58, Cl. 343-805.
- Klancnik, Frank J., Jr. Wire type hose clamp. 2,849,770, 9-2-58, Cl. 24-27.
- Klank, Walter C., Jr., to United Aircraft Products, Inc. Liquid storage tank for vehicles. 2,835,263, 5-20-58, Cl. 137-45.
- Klapp, Claude D., to Bell Telephone Laboratories, Inc. Mono-stable circuit. 2,849,626, 8-26-58, Cl. 307-88.5.
- Klappert, Helmut: See—
- Rösch, Georg, Klappert, and Wolf. 2,836,602.
- Klar, Lloyd A.: See—
- Bond, George C., and Klar. 2,827,495.
- Klarfeld, Gloria B.: See—
- Belsky, Robert C. and T. B., and Klarfeld. 2,853,730.
- Klarman, Karl J., to Bendix Aviation Corp. Damping device for gyroscope or the like. 2,837,923, 6-10-58, Cl. 74-5.5.
- Klarmann, Ludwig, and O. Böhm, to VEB Papiermaschinenwerke PAMA, Verwaltung Volkseigener Betriebe Polygraph. Feeding moist mass cakes to presses. 2,831,213, 4-22-58, Cl. 18-17.
- Klasek, Frank A.: See—
- Cihlar, Anthony J., and Klasek. 2,834,393.
- Klasek, Frank A., to Western Electric Co., Inc. Device for forming resilient articles while in a flexed condition. 2,851,081, 9-9-58, Cl. 153-21.
- Klasens, Hendrik A.: See—
- Hoekstra, Age H., and Klasens. 2,846,403.
- Klasens, Hendrik A., and W. J. Oosterkamp, to North American Philips Co., Inc. Intensifying screen for making X-ray registrations. 2,827,571, 3-18-58, Cl. 250-80.
- Klasing, Arthur P., to Central States Paper & Bag Co. Machines for making vacuum cleaner bags. 2,820,424, 1-21-58, Cl. 112-10.
- Klasing Hand Brake Co.: See—
- Sale, William H. 2,859,072.
- Klassen, Bernard, to Klassen Enterprises, Inc. Electric can opener. 2,861,336, 11-25-58, Cl. 30-4.
- Klassen Enterprises, Inc.: See—
- Klassen, Bernard. 2,861,336.
- Klassen, Harry G., to Teletype Corp. Extensible cable structure. 2,865,979, 12-23-58, Cl. 174-69.
- Klatt, Walter, to P. Kienle. Photographic enlarging apparatus. 2,826,957, 3-18-58, Cl. 88-24.
- Klaudy, Peter A., to Henschel & Sohn G. m. b. H. Liquid sliding contact for unipolar generators or the like. 2,828,431, 3-25-58, Cl. 310-178.
- Klaus, Benedikt. Hand operated dry shaver with shear plate moving means. 2,830,365, 4-15-58, Cl. 30-43.
- Klaus, Gerhard, to Firma Meteor Apparatebau Paul Schmeck G. m. b. H. Apparatus for enlarging transparent pictures. 2,855,823, 10-14-58, Cl. 88-24.
- Klaus, Kaspar. Excavating and self-loading dump truck. 2,845,192, 7-29-58, Cl. 214-78.
- Klaus, Samuel. Reversible necktie. 2,825,904, 3-11-58, Cl. 2-146.
- Klausner, Hans: See—
- Reinhard, Louis, and Klausner. 2,838,756.
- Klausmann, Milton H., to Seal-Spout Corp. Container spout-inserting machine. 2,861,529, 11-25-58, Cl. 113-1.
- Klausner, George K., to Industrial Rayon Corp. Treatment of filamentary material. 2,862,281, 12-2-58, Cl. 28-75.
- Klausner, Joseph E.: See—
- Young, Donald M., and Klausner. 2,852,104.
- Klaybor, Leonard V., to Allegheny Ludlum Steel Corp. Zinc die casting steels. 2,835,570, 5-20-58, Cl. 75-124.
- Klaybor, Leonard V., to Allegheny Ludlum Steel Corp. Steel responsive to austempering. 2,853,381, 9-23-58, Cl. 75-128.
- Kleason, Demetrius B., to Minneapolis-Honeywell Regulator Co. Fail-safe servosystem. 2,820,935, 1-21-58, Cl. 318-29.
- Kleason, Demetrius B., and W. T. Williams, to Minneapolis-Honeywell Regulator Co. Magnetic amplifier structure. 2,832,012, 4-22-58, Cl. 317-99.

- Klebanoff, Michael, and M. N. Glickman. Hermetic crystal holder. 2,826,630, 3-11-58, Cl. 174-50.58.
- Klecker, Joseph G.: *See*—
Sieving, Alfred W., and Klecker. 2,825,232.
- Kleckley, John L. Fishing rod case. 2,854,775, 10-7-58, Cl. 43-26.
- Klee, Gerhard, to Samson Apparatebau Akt.-Ges. Fluid pressure relay. 2,825,308, 3-4-58, Cl. 121-46.5.
- Klee, Gerhard, to Samson Apparatebau, Akt.-Ges. Tilting nozzle relay. 2,825,360, 3-4-58, Cl. 137-620.
- Klee, Lester A. Door stop and closer. 2,820,981, 1-28-58, Cl. 16-63.
- Kleelavite Co. Ltd., The: *See*—
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- Kleeman, William, deceased (Third National Bank in Nashville, executor) and A. Winningham. Container-cleaning device. 2,830,605, 4-15-58, Cl. 134-133.
- Kleemann, Karl, to G. M. Pfaff, A. G. Thread tension release and presser bar lifter. 2,833,237, 5-6-58, Cl. 112-238.
- Klespies, John P., to Hazeltine Research, Inc. Inductance device. 2,855,571, 10-7-58, Cl. 333-24.
- Kleiber, Joseph P. System of electro-magnetic recording. 2,857,476, 10-21-58, Cl. 179-100.2.
- Kleiber, Joseph P., and O. Podell. Time operated fish feeding device. 2,847,066, 8-12-58, Cl. 161-10.
- Klein, Charles H., and W. E. Northcutt, to The National Telephone Supply Co. Detent. 2,841,403, 7-1-58, Cl. 279-76.
- Klein, Clarence F., and M. M. Dukehart, Jr., to The Lord Baltimore Press, Inc. Carton. 2,824,683, 2-25-58, Cl. 229-40.
- Klein, Clifford J., to Specialties Development Corp. Electrical network for detecting heat due to various causes. 2,827,624, 3-18-58, Cl. 340-233.
- Klein, Clifford J., and R. E. Scott, to Specialties Development Corp. Self-resetting electrical network automatically responsive to a condition. 2,850,684, 9-2-58, Cl. 317-153.
- Klein, David X., J. P. Scullin, and A. J. Deinet, to Heyden Newport Chemical Corp. Process of preserving cellulosic material with a substituted salicylaldehyde and the product thereof. 2,822,297, 2-4-58, Cl. 117-138.5.
- Klein, Edmund A., to American Brake Shoe Co. Control valve mechanism for hydraulic motors. 2,841,118, 7-1-58, Cl. Klein, Eugene A.: *See*—
Bain, Joseph P., Booth, and Klein. 2,827,499.
- Bain, Joseph P., Booth, and Klein. 2,863,882.
- Klein, Eugene A., to The Glidden Co. Pyrolysis of myrtenyl compounds to monocyclics and acyclics. 2,821,547, 1-28-58, Cl. 260-489.
- Klein, George J., and D. A. Baker, to National Research Council. Centrifugal separator. 2,837,172, 6-3-58, Cl. 183-84.
- Klein, Henry R., to United States Steel Corp. Multiple-story building. 2,837,776, 6-10-58, Cl. 20-1.13.
- Klein, Howard C.: *See*—
Schaaf, Kurt H., Klein, and Kapp. 2,819,308.
- Klein, Howard C., to Nopco Chemical Co. Production of vitamin A amine. 2,819,309, 1-7-58, Cl. 260-563.
- Klein, Howard C., to Nopco Chemical Co. Preparation of vitamin A aldehyde. 2,862,030, 11-25-58, Cl. 260-563.
- Klein, Howard C., to Nopco Chemical Co. Preparation of vitamin A intermediates. 2,862,032, 11-25-58, Cl. 260-563.
- Klein, Howard C., C. O. Beckmann, and K. H. Schaaf, to Nopco Chemical Co. Production of vitamin A-active material. 2,819,310, 1-7-58, Cl. 260-563.
- Klein, Howard C., and D. R. Grasseti, to Nopco Chemical Co. Production of vitamin A aldehyde. 2,819,311, 1-7-58, Cl. 260-598.
- Klein, Howard C., and R. Kapp, to Nopco Chemical Co. Sterol dehydrohalogenation process. 2,864,829, 12-16-58, Cl. 260-397.2.
- Klein, Isabel M., to E. I. du Pont de Nemours and Co. Water dispersible polymer film composition. 2,850,471, 9-2-58, Cl. 260-31.6.
- Klein, Isidore. Portable frying apparatus and drain. 2,848,938, 8-26-58, Cl. 99-355.
- Klein, Jerome G.: *See*—
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- Klein, Jordan. Waterproof camera device. 2,865,271, 12-23-58, Cl. 95-11.
- Klein, Joseph J., and M. A. Lamb, to Chicago Pump Co. Apparatus for cleaning diffuser tubes. 2,826,209, 3-11-58, Cl. 134-170.
- Klein, Rudolf: *See*—
Schlessinger, Ludwig S., and Klein. 2,857,948.
- Klein, Mathias, & Sons: *See*—
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- Wendt, Walter F. 2,848,810.
- Klein, Milton: *See*—
Cooper, Benjamin, Klein, and Clay. 2,848,759.
- Klein, Nicholas, $\frac{1}{2}$ to The American Society for the Advancement of the Hebrew Institute of Technology in Haifa, Palestine, Inc. Elastic sheath cables. 2,827,404, 3-18-58, Cl. 148-4.
- Klein, Norman E., to Deering Milliken Research Corp. Strand twisting machine. 2,830,431, 4-15-58, Cl. 57-58.52.
- Klein, Norman E., to Deering Milliken Research Corp. Strand handling machine. 2,834,178, 5-13-58, Cl. 57-58.52.
- Klein, Norman E., to Deering Milliken Research Corp. Apparatus for crimping textile strands. 2,856,640, 10-21-58, Cl. 19-66.
- Klein, Norman E., to Deering Milliken Research Corp. Tension damper. 2,864,566, 12-16-58, Cl. 242-153.
- Klein, Otto J., to International Standard Electric Corp. Process for the manufacture of selenium rectifier. 2,842,830, 7-15-58, Cl. 29-25.3.
- Klein, Ralph A.: *See*—
Berndt, Lyle H., and Klein. 2,830,903.
- Klein, Regina. Steam cabinet for fabric articles. 2,823,533, 2-18-58, Cl. 68-6.
- Klein, Regina. Advertising literature and articles dispenser for trucks. 2,852,159, 9-16-58, Cl. 221-194.
- Klein, Robert H. Package case. 2,818,969, 1-7-58, Cl. 206-41.2.
- Klein, Sam: *See*—
Brandler, Morris D., and Wery. 2,853,814.
- Klein, Samuel. Flower display device. 2,836,933, 6-3-58, Cl. 47-41.
- Klein, Sidney: *See*—
Thompson, Lloyd W., and Klein. 2,862,214.
- Klein, Siegfried, to C. Legorju. Transducer. 2,847,516, 8-12-58, Cl. 179-113.
- Klein, Victor G.: *See*—
Mueller, Carl H., and Klein. 2,865,357.
- Klein, Victor G., and N. F. Cook, to The McNeil Machine & Engineering Co. Rotary disk valve with ratchet operating means. 2,822,823, 2-11-58, Cl. 137-625.21.
- Klein, Victor G., and C. H. Mueller, to The McNeil Machine & Engineering Co. Lubricant fitting coupler with wedged lock ring. 2,848,255, 8-19-58, Cl. 285-267.
- Klein, Walter. Automatic feed apparatus for steam irons. 2,861,364, 11-25-58, Cl. 38-77.
- Klein, Walter, to Ernst Leitz, G. m. b. H. Apparatus for Koehler illumination of phase contrast top light microscopes. 2,861,498, 11-25-58, Cl. 88-39.
- Klein, Walter A., to The Dow Chemical Co. Dispenser carton with retainer for leading edge of rolled sheet. 2,825,452, 3-4-58, Cl. 206-58.
- Klein, Walter A., to The Dow Chemical Co. Dispensing containers for sheet wrapping material. 2,857,046, 10-21-58, Cl. 206-58.
- Klein, Walter A., A. J. Mason, and J. Holzschu, to the Dow Chemical Co. Box for dispensing sheet wrapping material. 2,836,292, 5-27-58, Cl. 206-58.
- Klein, Walter A., A. J. Mason, and J. Holzschu, to The Dow Chemical Co. Dispensing box for sheet wrapping material. 2,850,157, 9-2-58, Cl. 206-58.
- Klein, Werner, to International Standard Electric Corp. Broad band coaxial coupling for travelling wave tubes. 2,845,570, 7-29-58, Cl. 315-3.5.
- Klein, Werner, and W. Friz, to International Standard Electric Corp. Electron beam focussing device. 2,828,434, 3-25-58, Cl. 313-84.
- Klein, Werner, and W. Friz, to International Standard Electric Corp. Arrangement for magnetic beam concentration. 2,843,789, 7-15-58, Cl. 315-3.5.
- Klein, Werner, and W. Friz, to International Standard Electric Corp. Traveling wave tube. 2,857,547, 10-21-58, Cl. 315-3.5.
- Klein, William C.: *See*—
Canaday, Roscoe H., and Klein. 2,825,049.
- Klein, William J., and S. A. Dube, to Boxmakers, Inc. Display device. 2,866,544, 12-30-58, Cl. 206-80.
- Kleine, Johannes, E. Siggel, and R. Gerlach, to Vereinigte Glanzstoff-Fabriken A. G. Continuous method of polycondensing diol esters of terephthalic acid in a solvent. 2,840,537, 6-24-58, Cl. 260-33.6.
- Kleine, Johannes, and E. Siggel, to Vereinigte Glanzstoff-Fabriken Akt. Process of polycondensation of diolesters of aromatic dicarboxylic acids. 2,847,397, 8-12-58, Cl. 260-75.
- Kleineberg, Paul E., to T. W. & C. B. Sheridan Co. Machine for operating on books. 2,858,948, 11-4-58, Cl. 214-6.
- Kleineberg, Paul E., and J. C. Roseman, to T. W. & C. B. Sheridan Co. Article counting and collecting machine. 2,854,900, 10-7-58, Cl. 93-93.
- Kleiner, Helmut: *See*—
Lehmann, Wolfgang, Munz, Bayer, and Kleiner. 2,844,490.
- Kleiner, Helmut, O. Bayer, and H. Wilms, to Farbenfabriken Bayer Akt. Process for the production of polymeric amines and ammonium salts from olefin-carbon monoxide polymers. 2,846,406, 8-5-58, Cl. 260-2.1.
- Kleinert, Walter A.: *See*—
Stewart, Carl K. 2,852,373.
- Kleinfelder, Walter C.: *See*—
Adams, William E., Faulkner, Kleinfelder, and Pawel. 2,828,353.
- Kleingers, Alfred B., Jr.: *See*—
Nerenberg, Robert W., and Kleingers. 2,820,585.
- Kleinknecht, Alfred. Tractor with semi-trailer lifting device. 2,864,627, 12-16-58, Cl. 280-401.
- Kleinknecht, Christian F.: *See*—
Doljan, William E. 2,852,801.
- Kleinlein, Fritz: *See*—
Linke, Gerhard, Hülsen, and Kleinlein. 2,861,691.
- Kleinman, Harold, to Reaction Motors, Inc. Temperature compensated regulator for fluid supply lines. 2,829,492, 4-8-58, Cl. 60-35.6.
- Kleinman, Jacob L. Magazine shaving implement. 2,821,779, 2-4-58, Cl. 30-40.
- Kleinman, Jacob L. Shaving implement having a frictional motor compartment cover. 2,822,610, 2-11-58, Cl. 30-41.

- Kleinman, Jacob L. Adjustable eye-glass sets. 2,825,266, 3-4-58, Cl. 88-41.
- Kleinmann, Erwin S., A. C. Keller, D. A. Moore, C. R. Horn, and A. E. Lindblom, to Dearborn Stove Co. Portable cooking stove and stand. 2,838,991, 6-17-58, Cl. 99-421.
- Kleinschmidt, Edward F., and C. P. Anderson, to Kleinschmidt Laboratories Inc. Contact structure. 2,824,914, 2-25-58, Cl. 200-5.
- Kleinschmidt, Edward F., and C. P. Anderson, to Kleinschmidt Laboratories, Inc. Variable tape drive. 2,827,245, 3-18-58, Cl. 242-55.
- Kleinschmidt, Irvin C.: See—
- Barker, John J. 2,853,820.
- Kleinschmidt Laboratories, Inc.: See—
- Anderson, Carl P. 2,844,674.
- Anderson, Hilding A. 2,824,169.
- Bevan, Bernard J. 2,821,403.
- Kleinschmidt, Edward F., and Anderson. 2,824,914.
- Kleinschmidt, Edward F., and Anderson. 2,827,245.
- Kleinschmidt, Peter, to Variofix (Proprietary) Ltd. Production of monochromatic and multi-coloured pictures. 2,831,765, 4-22-58, Cl. 96-35.
- Kleinschmidt, Roger F., J. E. Mahan, and S. H. Pitts, Jr., to Phillips Petroleum Co. Preparation of beta-alanine and alkyl substituted beta-alanine. 2,831,890, 4-22-58, Cl. 260-534.
- Kleinschmidt, Roger F., and S. H. Pitts, Jr., to Phillips Petroleum Co. Preparation of 1-ethynylcyclohexanol. 2,858,344, 10-28-58, Cl. 260-631.
- Kleinsorge, Adolph H., to W. B. Knight Machinery Co. Boring machine. 2,826,945, 3-18-58, Cl. 77-4.
- Kleinstover, Robert J. Combination can opener and drinking spout. 2,820,289, 1-21-58, Cl. 30-123.
- Kleinstra, Harm, to A. B. Dick Co. Photographic contact printer. 2,846,933, 8-12-58, Cl. 95-73.
- Kleinvogel, Hans J., to Siemens-Schuckertwerke Aktiengesellschaft. Electric contact converters with motor driven contacts. 2,826,732, 3-11-58, Cl. 321-48.
- Kleinvogel, Hans-Joachim, to Siemens-Schuckertwerke A. G. Rectifier protective means. 2,846,636, 8-5-58, Cl. 321-111.
- Kleinvogel, Hans-Joachim, to Siemens-Schuckertwerke A. G. Cooling system for mechanical rectifier contacts. 2,863,112, 12-2-58, Cl. 321-48.
- Kleis, Derk: See—
- Duinker, Simon, Kleis, and Westmizke. 2,822,533.
- Kleis, Derk, to North American Philips Co., Inc. Method of reproducing speech and music by means of loudspeakers. 2,831,060, 4-15-58, Cl. 179-1.
- Kleist, Dudley C.: See—
- Gensmer, Theodore F., and Kleist. 2,819,829.
- Kleist, Herman W., to Dole Refrigerating Co. Plates and systems for multiple refrigerants. 2,831,328, 4-22-58, Cl. 62-126.
- Kleist, Herman W., to Dole Refrigerating Co. Heat exchangers for vaporizing liquid refrigerant. 2,836,965, 6-3-58, Cl. 62-3.
- Kleist, Herman W., to Dole Refrigerating Co. Assembly for heating and cooling trucks. 2,859,945, 11-11-58, Cl. 257-9.
- Klem, Michael L. Building brick. 2,844,022, 7-22-58, Cl. 72-38.
- Klemantaski, Sidney, to The British Iron and Steel Research Assn. Treatment of metal-containing materials. 2,865,734, 12-23-58, Cl. 75-40.
- Klement, John F., to Ampco Metal, Inc. Aluminum bronze alloy having improved resistance to intergranular oxidation by the addition of tin. 2,829,968, 4-8-58, Cl. 75-154.
- Klement, John F., to Ampco Metal, Inc. Aluminum bronze alloy having improved resistance to intergranular oxidation by the addition of tin and silver. 2,829,969, 4-8-58, Cl. 75-154.
- Klement, John F., to Ampco Metal, Inc. Aluminum bronze alloy having improved resistance to intergranular oxidation by the addition of silver. 2,829,971, 4-8-58, Cl. 75-162.
- Klement, John F., to Ampco Metal, Inc. Aluminum bronze article for use in conducting steam or hot water. 2,829,972, 4-8-58, Cl. 75-162.
- Klemka, Albert J., and C. O. Pike, to Norton Co. Pressure-sensitive adhesive tapes. 2,862,613, 12-2-58, Cl. 206-59.
- Klemm, William A.: See—
- Petersen, Warren S., and Klemm. 2,821,472.
- Klemperer, Hans, to Apra Precipitator Corp. Control of electrostatic precipitator current by electrical means. 2,823,757, 2-18-58, Cl. 183-7.
- Klemperer, Hans, to Apra Precipitator Corp. Electrostatic precipitator. 2,863,523, 12-9-58, Cl. 183-7.
- Klemperer, Hans, to Apra Precipitator Corp. Flashover elimination in precipitator. 2,864,457, 12-16-58, Cl. 183-7.
- Klempt, Walter: See—
- Grosskinsky, Otto, Fruhbuss, and Klempt. 2,837,398.
- Grosskinsky, Otto, Thürauf, Klempt, and Umbach. 2,826,613.
- Klemt, Günter, to Jos. Schneider & Co. Optical system having interchangeable elements for varying its focal length. 2,824,493, 2-25-58, Cl. 88-57.
- Klemt, Günter, to Jos. Schneider & Co. Optical objective system with interchangeable elements for focal-length variations. 2,824,494, 2-25-58, Cl. 88-57.
- Klemt, Günter, to Jos. Schneider & Co. Wide-angle photographic and cinematographic objective. 2,824,495, 2-25-58, Cl. 88-57.
- Klemt, Günter, to Jos. Schneider & Co. Gaussian dual objective with four air-spaced members. 2,831,395, 4-22-58, Cl. 88-57.
- Klemt, Günter, to Jos. Schneider & Co., Optische-Werke. Optical system with interchangeable components for variation of image scale. 2,831,396, 4-22-58, Cl. 88-57.
- Klemt, Günter, to Jos. Schneider & Co. Varifocal photographic or cinematographic objective. 2,844,996, 7-29-58, Cl. 88-57.
- Klene, Ralph J. Portable hog shade. 2,853,087, 9-23-58, Cl. 135-7.1.
- Klepp, George F., and D. A. Beard, to International Standard Electric Corp. Gas-filled electric discharge tubes. 2,834,906, 5-13-58, Cl. 313-217.
- Kleppinger, Willis D.: See—
- Kadisch, Gerhard E., Kleppinger, and Huppert. 2,827,393.
- Klessig, Ernst F., and W. R. Lilly, to Allied Products Corp. Gear type fluid pump with adjustable gear sets. 2,822,124, 2-4-58, Cl. 230-141.
- Klessig, Ernst F., M. K. Graham, and R. J. Raupp, to Airway Products, Inc. Hydraulic motor. 2,826,179, 3-11-58, Cl. 121-87.
- Klestadt, Bernard, to Hughes Aircraft Co. Variable electrical resistance device. 2,820,873, 1-21-58, Cl. 201-60.
- Klette, Hermann. Treating animals with hormone preparation. 2,824,546, 2-25-58, Cl. 119-1.
- Klettke, Walter G., to The Upjohn Co. Combined automatic food dispenser and exercising cage. 2,819,699, 1-14-58, Cl. 119-51.
- Klever, Robert J. Bow tie and frame means therefor. 2,865,072, 12-23-58, Cl. 24-81.
- Klevholm, Karl E. Hoisting and lowering devices for boards or plates. 2,819,134, 1-7-58, Cl. 311-39.
- Kliegl Bros. Universal Electric Stage Lighting Co., Inc.: See—
- Kliegl, Herbert A. 2,853,599.
- Kliegl, Herbert A., to Kliegl Bros. Universal Electric Stage Lighting Co., Inc. Oval beam lens. 2,853,599, 9-23-58, Cl. 240-106.1.
- Kliever, Waldo H., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,826,072, 3-11-58, Cl. 73-355.
- Kliwer, Edward A., Sr. Engine exhaust muffler. 2,838,128, 6-10-58, Cl. 181-57.
- Klika, Zdenek, to Pragodev, výroba damské a detské konfekce, národní podnik. Band knife sharpening means. 2,842,907, 7-15-58, Cl. 51-247.
- Klikunas, Richard V., to Rensselaer Valve Co. Air and vacuum release valve. 2,853,092, 9-23-58, Cl. 137-202.
- Klikunas, Richard V., and D. L. Billian, to Buckeye Iron & Brass Works. Locomotive tank filling nozzle. 2,840,122, 6-24-58, Cl. 141-207.
- Klikunas, Richard V., and D. L. Billian, to Buckeye Iron & Brass Works. Automatic tank filling nozzle. 2,851,065, 9-9-58, Cl. 141-209.
- Klimesch, Alfred, to Brown, Boveri & Cie Akt. Relay system controlling release of isolating switches. 2,863,019, 12-2-58, Cl. 200-102.
- Klimke, Rudolf: See—
- Schmidt, Ommo, Thrien, and Klimke. 2,863,043.
- Klimkowski, Robert J., and R. T. Florence, to A. B. Dick Co. Fluid compositions for use in spirit duplication. 2,820,760, 1-21-58, Cl. 252-1.
- Klimm, Frank W.: See—
- De Gaeta, Albert M., and Klimm. 2,843,724.
- Klimper, Henry B.: See—
- Calbeck, John H., Klimper, and Mernitz. 2,821,470.
- Klinck, John C.: See—
- Scott, Charles L., and Klinck. 2,848,012.
- Klinck, Ronald W.: See—
- Wright, Robert H., and Klinck. 2,858,119.
- Klinder, William G., to Thomas Electronics, Inc. Aluminizing of cathode ray tubes. 2,851,987, 9-16-58, Cl. 118-49.
- Kline, Arthur E., and W. H. Webster, to McGraw-Edison Co. Air circulating means. 2,852,181, 9-16-58, Cl. 230-119.
- Kline, Charles C., and E. C. Van Leer, to Sun Oil Co. Purifying sulfonated oil. 2,857,425, 10-21-58, Cl. 260-504.
- Kline, Frank W., Jr., and H. L. Daniels, to Sperry Rand Corp. Apparatus for speed control. 2,864,988, 12-16-58, Cl. 318-314.
- Kline, Granville B.: See—
- Kornfeld, Edmund C., and Kline. 2,861,074.
- Kline, Park F. Compression massage instrument. 2,833,277, 5-6-58, Cl. 128-35.
- Kline, Paul A.: See—
- Budinger, Edwin J., and Kline. 2,855,252.
- Kline, Richard E., and J. W. Wilson, to Riegall Paper Corp. Pulp treating system. 2,854,894, 10-7-58, Cl. 92-27.
- Kline, Richard M. Valve structure for submarine breathing apparatus. 2,865,369, 12-23-58, Cl. 128-142.
- Kline, Sidney R., to Phillips Petroleum Co. Electrical servo system. 2,846,628, 8-5-58, Cl. 318-28.
- Kling, Alfred G., and W. Kellerman, to Kling "100" Corp. Fluid introducing means for washer baskets. 2,865,188, 12-23-58, Cl. 68-207.
- Kling, Nelson G.: See—
- Huxley, Thomas C., and Kling. 2,822,803.
- Huxley, Thomas C., III, and Kling. 2,832,335.
- Huxley, Thomas C., III, and Kling. 2,863,446.
- Kling, Nelson G., and T. C. Huxley, III, to Conitech, Ltd. Respirator pumping apparatus. 2,845,062, 7-29-58, Cl. 128-30.
- Kling "100" Corp.: See—
- Kling, Alfred G., and Kellerman. 2,865,188.

- Kling, Robert W., to Athey Products Corp. Weight transfer system and apparatus for tractor-trailers. 2,833,556, 5-6-58, Cl. 280-405.
- Kling, Robert W., to Athey Products Corp. Conveyor. 2,856,062, 10-14-58, Cl. 198-119.
- Klinge, Earl R.: *See*—
Bachle, Carl F., and Klinge. 2,834,329.
Bachle, Carl F., and Klinge. 2,853,982.
- Klingel, Edward L. Telephone calling device. 2,827,520, 3-18-58, Cl. 179-90.
- Klingel, Edward L. Telephone calling device. 2,834,838, 5-13-58, Cl. 179-90.
- Klinge-Inberg, W. Ferd, Sohn: *See*—
Krumme, Walter. 2,823,448.
- Klingener, Harry F., to Sonotone Corp. Phonograph pickups. 2,840,644, 6-24-58, Cl. 179-100.41.
- Klinger, Karl A. Self-sealing valve construction. 2,852,225, 9-16-58, Cl. 251-109.
- Klinger, Willi: *See*—
Johannsen, Adolf, Danz, and Klinger. 2,825,628.
- Klinghoffer, Max. Magnetic fish hook and lure holder. 2,831,289, 4-22-58, Cl. 43-57.5.
- Klingholder, Max. Serving tray and receptacle set. 2,845,207, 7-29-58, Cl. 224-48.
- Klingler, Ira C. Box tool. 2,856,673, 10-21-58, Cl. 29-98.
- Klingler, Karl A. Window washer. 2,818,593, 1-7-58, Cl. 15-127.
- Klingler, Karl A. Hydraulic holding means for chucks and the like. 2,826,420, 3-11-58, Cl. 279-4.
- Klingler, Karl A. Sealed liquid control. 2,826,919, 3-18-58, Cl. 74-18.1.
- Klingler, Karl A. Quick acting valve with static seal. 2,844,168, 7-22-58, Cl. 137-630.
- Klingler, Karl A. Two way valve actuating mechanism. 2,852,947, 9-23-58, Cl. 74-99.
- Klingler, Karl A. Rear end seal for railroad journal boxes. 2,858,148, 10-28-58, Cl. 286-6.
- Klingler, Karl A. Sealing means for reciprocating members. 2,864,258, 12-16-58, Cl. 74-18.2.
- Klingler, Martin L.: *See*—
Cobaugh, Robert F., and Klingler. 2,863,346.
- Klingsberg, Erwin, to American Cyanamid Co. Production of anthraquinonyl nitriles. 2,852,534, 9-16-58, Cl. 260-369.
- Klingsberg, Erwin, to American Cyanamid Co. Anthraquinone chloroaldazines and production thereof. 2,863,883, 12-9-58, Cl. 260-367.
- Klingsporn, Kurt. Piezoelectric crystal resonator support. 2,820,911, 1-21-58, Cl. 310-9.1.
- Klink, John: *See*—
Croschier, Walter J., and Klink. 2,827,707.
- Klink, John, to Standard Gage Co., Inc. Wire holder for three-wire method of measuring threads. 2,822,624, 2-11-58, Cl. 33-199.
- Klinke, Henry O., to The Taylor-Winfield Corp. Method and apparatus for welding bands on shells. 2,862,101, 11-25-58, Cl. 219-137.
- Klinkenberg, Otto, to The Bastian-Blessing Co. Safety relief valve. 2,834,374, 5-13-58, Cl. 137-541.
- Klinkhammer, Kurt: *See*—
Sass, Karl, and Klinkhammer. 2,821,574.
- Klinkhammer, Kurt, K. Steinbuch, G. Merk, and H. Bretschneider, to International Standard Electric Corp. Digital register for communication system. 2,820,849, 1-21-58, Cl. 179-18.
- Klins, Thomas A. Seat for sportsmen. 2,847,059, 8-12-58, Cl. 155-78.
- Klinzing, August F. Guide wheel for barn flight conveyors. 2,820,540, 1-21-58, Cl. 198-171.
- Klisch, Stephen C., to Colgate-Palmolive Co. Detergent compositions. 2,831,815, 4-22-58, Cl. 252-152.
- Kliwer, Arthur G. Tapered coupling connection. 2,846,248, 8-5-58, Cl. 287-2.
- Kloc, Henry F.: *See*—
Boyd, John M., and Kloc. 2,854,039.
- Klochkov, John V. Alloy compositions. 2,853,382, 9-23-58, Cl. 75-175.
- Klockner-Georgsmarienwerke A. G.: *See*—
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- Klockner, Herman R. Blade-pitch-regulating means for the rotors of sustaining-rotor-equipped aircraft. 2,830,669, 4-15-58, Cl. 170-160.42.
- Klockner-Humboldt-Deutz Aktiengesellschaft: *See*—
Bartha, Erich, and Jung. 2,821,841.
Bartholomé, Herbert. 2,822,790.
Benz, Walter W., and Bartholomé. 2,821,971.
Faust, Josef. 2,839,000.
Finsterwalder, Albert. 2,818,709.
Herterich, Oskar P. 2,837,230.
Hovel, Josef. 2,850,002.
Keylwert, Johann. 2,823,085.
Kroll, Werner O. H. 2,829,735.
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Ziesche, Kurt, and Sonntag. 2,860,780.
- Kloekner-Huettenwerk Haspe A. G.: *See*—
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- Kloepfer, Walter, to International Standard Electric Corp. Circuit arrangement for the connection of two-wire circuits to a transmission path in intercommunication systems. 2,847,563, 8-12-58, Cl. 250-13.
- Klohr, James W.: *See*—
Chute, Andrew B., Smalley, Klohr, and Aldridge. 2,834,655.
- Kloid, Henry W., to American Automatic Typewriter Co. Typing system. 2,858,922, 11-4-58, Cl. 197-5.
- Klompas, Nicholas: *See*—
Kelk, George F., and Klompas. 2,858,104.
- Klompas, Nicholas, to Orenda Engines Ltd. Means for locking a removable coupling pin. 2,865,661, 12-23-58, Cl. 287-20.
- Klonoski, Stephen W.: *See*—
Merz, Kenneth A., and Klonoski. 2,825,540.
- Kloote, George E.: *See*—
Meier, George D., Kloote, and Potchen. 2,826,240.
Potchen, Joseph A., Kloote, and Meier. 2,866,730.
- Klooz, Carl R.: *See*—
Allen, John E., and Klooz. 2,831,506.
- Klopfenstein, King L.: *See*—
Ullman, Fred E., and Klopfenstein. 2,830,417.
- Klopfer, K., A.-G. Werkzeug- und Maschinenfabrik: *See*—
Klopfer, Karl. 2,863,209.
- Klopfer, Karl, to K. Klopfer A.-G. Werkzeug- und Maschinenfabrik. Bore calibrating stamp. 2,863,209, 12-9-58, Cl. 29-90.
- Klopp, Friedrich. Hydraulic control mechanism for planing machines. 2,849,986, 9-2-58, Cl. 121-45.
- Klöppling, Carel P., and C. L. Pick, to North American Philips Co., Inc. Electric discharge tube. 2,841,737, 7-1-58, Cl. 313-318.
- Klopping, Hein L., to E. I. du Pont de Nemours and Co. Substituted ethyl alkyl isothiocyanates. 2,824,887, 2-25-58, Cl. 260-454.
- Klopping, Hein L., to E. I. du Pont de Nemours and Co. Thiocyanato compositions. 2,855,339, 10-7-58, Cl. 167-22.
- Klose, Alfred J., to G. M. Giannini & Co. Inc. Potentiometer. 2,823,287, 2-11-58, Cl. 201-59.
- Klose, Sigmund, and A. J. Turpin, to Hauck Mfg. Co. Liquid gas burner. 2,862,546, 12-2-58, Cl. 158-53.
- Klosin, John J., to The Thomas & Betts Co. Dead-end connectors. 2,866,844, 12-30-58, Cl. 174-79.
- Klosner, Morris, to United States of America, Army. Spring motor apparatus. 2,844,217, 7-22-58, Cl. 185-37.
- Klosterkemper, Vincent F. Cutting tool for milling machines. 2,846,757, 8-12-58, Cl. 29-105.
- Klotz, Donald D. Limestone type tennis court. 2,837,984, 6-10-58, Cl. 94-7.
- Klotz, Herman J., to International Business Machines Corp. Linear-motor paper feed. 2,831,131, 4-15-58, Cl. 310-13.
- Klotz, Milton C.: *See*—
Hageline, Emil E., and Klotz. 2,851,147.
- Klotz, Robert L., to Seismograph Service Corp. Explosive charge. 2,837,996, 6-10-58, Cl. 102-24.
- Klotz, Robert L., to Seismograph Service Corp. Explosive charge. 2,842,056, 7-8-58, Cl. 102-24.
- Klotz, Sol. Zipper drop seat garment. 2,849,717, 9-2-58, Cl. 2-79.
- Klotz, Wilhelm. Sheet cutting apparatus. 2,859,813, 11-11-58, Cl. 164-62.
- Kluckhohn, Edward H. Material handling and earth digging machines. 2,861,704, 11-25-58, Cl. 214-140.
- Klug, Kurt, and P. Schubert, to Veb Greizer Kammgarnwebereien. Yarn clearer. 2,821,008, 1-28-58, Cl. 28-64.
- Kluge, Herman D.: *See*—
Knowles, Edwin C., Patterson, and Kluge. 2,830,025.
- Kluge, Werner: *See*—
Gundert, Eberhard, and Kluge. 2,833,947.
- Kluge, Wilhelm F., to Aktiengesellschaft für Unternehmungen der Eisen- und Stahlindustrie. Oscillating device and rubber buffer therefor. 2,826,305, 3-11-58, Cl. 209-365.
- Kluglein, Helmut: *See*—
Kluglein, Theobald and H. 2,834,397.
- Kluglein, Theobald and H. Chair bed. 2,834,397, 5-13-58, Cl. 155-49.
- Klueman, Jack. Recessed lighting fixture. 2,857,508, 10-21-58, Cl. 210-78.
- Klump, Johann, to North American Philips Co., Inc. Output stages for low-frequency amplifiers comprising two loudspeakers. 2,846,503, 8-5-58, Cl. 179-1.
- Klump, Ferdinand, Jr. Method of making an electrical conductor terminal. 2,861,324, 11-25-58, Cl. 29-155.55.
- Klupar, James A.: *See*—
Gatoff, George, and Klupar. 2,842,525.
- Kmonk, Stanley, Jr.: *See*—
Pierce, Lawrence, Immel, and Kmonk. 2,821,088.
- Knabusch, Edward M., and E. J. Shoemaker, to La-Z-Boy Chair Co. Reclining chair with adjustable back. 2,863,495, 12-9-58, Cl. 155-116.
- Knapp, Alfred P.: *See*—
Tschudi, Traugott, and Knapp. 2,859,767.
- Knapp, Alfred P., to Knapp Mills Inc. Sealing putty. 2,833,664, 5-6-58, Cl. 106-287.
- Knapp, Andrew S., to Knapp-Monarch Co. Neck construction for jug. 2,834,503, 5-13-58, Cl. 220-15.
- Knapp, Burton B.: *See*—
Wesley, Waclaw A., and Knapp. 2,844,530.
- Knapp, Carroll L., Jr.: *See*—
Leland, Hollis L., Forster, and Knapp. 2,824,068.
- Knapp, Donald R., to Johnson & Johnson. Surgical sponges. 2,829,648, 4-8-58, Cl. 128-296.
- Knapp, Edward L.: *See*—
Kessel, John and Knapp. 2,827,323.
- Knapp, Elwood F.: *See*—
Gorrell, Donald W., and Knapp. 2,823,934.

- Knapp, Elwood F., to ARO Equipment Corp. Pulsating seat cushion timing device. 2,856,147, 10-14-58, Cl. 251-13.
- Knapp, George A., to R. E. Dietz Co. Vehicle clearance light. 2,855,498, 10-7-58, Cl. 240-7.1.
- Knapp, John H., Jr., and B. M. Names, to Eastern Metal of Elmira Inc. Foldable stand for portable street signs. 2,836,385, 5-27-58, Cl. 248-166.
- Knapp, Kenneth C. Pipeline reclaimer. 2,841,893, 7-8-58, Cl. 37-1.
- Knapp Mills Inc.: See—
- Knapp, Alfred P. 2,833,664.
- Tschudi, Traugott, and Knapp. 2,859,767.
- Knapp-Monarch Co.: See—
- Buckman, John B., and Uthoff. 2,823,549.
- Gasparotti, John J. 2,847,199.
- Huck, Alfred J. 2,820,881.
- Huck, Alfred J. 2,843,718.
- Huck, Alfred J. 2,863,377.
- Huffman, Russell I. 2,865,225.
- Knapp, Andrew S. 2,834,503.
- Knapp, Robert S. 2,856,092.
- Knapp, Robert S., and Nebinger. 2,842,293.
- Kueser, John J. 2,831,090.
- Kueser, John J. 2,856,501.
- Kueser, John J. 2,856,508.
- Thisen, John P. 2,839,662.
- Visos, Charles D. 2,839,661.
- Knapp, Raymond. Razor with stationary blade and movable shear plate. 2,839,829, 6-24-58, Cl. 30-43.
- Knapp, Robert S., to Knapp-Monarch Co. Thermal insulated container construction. 2,856,092, 10-14-58, Cl. 20-10.
- Knapp, Robert S., and R. B. Nebinger, to Knapp-Monarch Co. Dispensing apparatus. 2,842,293, 7-8-58, Cl. 222-339.
- Knapp, Samuel B., and J. D. Wethers, to Hawaiian Development Co., Ltd. Rapid kraft pulping process for bagasse and other fibrous, non-woody lignocellulosic plant materials. 2,854,334, 9-30-58, Cl. 92-9.
- Knapp, Seth R. Method and apparatus for straightening well bore holes. 2,829,864, 4-8-58, Cl. 255-1.6.
- Knapp, Stephen, Jr., to The Sherwin-Williams Co. Design roller. 2,863,245, 12-9-58, Cl. 41-5.5.
- Knapp, Theodore F., and C. H. Boyd, to Lear, Inc. Radio noise filter assembly for dynamo electric machine. 2,843,770, 7-15-58, Cl. 310-72.
- Knapp, Thomas J. Quick detachable rail joint. 2,863,607, 12-9-58, Cl. 238-189.
- Knapp, Walter I., 50% to E. M. Apple. Plastics fillet. 2,845,666, 8-5-58, Cl. 20-74.
- Knapp, William E.: See—
- Bolkcom, Wilbur T., and Knapp. 2,823,992.
- Bolkcom, Wilbur T., and Knapp. 2,850,381.
- Knapp, William J.: See—
- Mockrin, Isador, and Knapp. 2,840,481.
- Knapp, William J., and I. Mockrin, to Pennsalt Chemicals Corp. Potassium-fluorine glasses. 2,840,482, 6-24-58, Cl. 106-48.
- Knappe, Herman E.: See—
- Kummer, Theodore H., Tibbets, and Knappe. 2,822,911.
- Knappe, Herman E., to Cherry-Burrell Corp. Carton handling apparatus. 2,821,824, 2-4-58, Cl. 53-53.
- Knapsack-Griesheim Akt.: See—
- Bretschneider, Otto, and Moschel. 2,847,295.
- Gemmer, Erwin. 2,844,489.
- Jacobowsky, Armin, and Sennewald. 2,865,825.
- Opitz, Wolfgang, and Urbenski. 2,861,106.
- Knauert, William F., to Sonotone Corp. Electro-mechanical signal transducers. 2,820,107, 1-14-58, Cl. 179-115.
- Knauert, William F., to Sonotone Corp. Body contacting inertia reaction electro-mechanical transducing devices. 2,832,842, 4-29-58, Cl. 179-107.
- Knauert, William F., to Sonotone Corp. Magnetic insert ear-phone and inserts therefor. 2,863,005, 12-2-58, Cl. 179-107.
- Knaut, Wilhelm.: See—
- Heidecke, Reinhold, and Knaut. 2,839,977.
- Knauff, Harry A. Latching device. 2,855,236, 10-7-58, Cl. 292-241.
- Knaus, Gilbert M., to General Electric Co. Slot wedge arrangement for use in dynamoelectric machine core members. 2,858,462, 10-28-58, Cl. 310-214.
- Knaus, Richard A.: See—
- Schirmer, Waldo P., and Knaus. 2,822,760.
- Knauss, Alois J. Gait regulator for a horse. 2,829,480, 4-8-58, Cl. 54-71.
- Knauss, Homer C., to Raytheon Mfg. Co. Three coordinator indicating display. 2,821,703, 1-28-58, Cl. 343-7.9.
- Knauth, Berthold A.: See—
- Hillyer, Curtis, and Knauth. 2,854,114.
- Knauth, Berthold A. Switch mechanism. 2,843,698, 7-15-58, Cl. 200-87.
- Knauth, Berthold A. Vortex flow throttling device. 2,845,798, 8-5-58, Cl. 73-230.
- Knebel, Herman C., to S. H. Pomeroy Co., Inc. Automatic fire window structure. 2,827,140, 3-18-58, Cl. 189-74.
- Knechel, William F.: See—
- Godowsky, Leopold, Weissberger, and Knechel. 2,835,580.
- Wilson, Ransford B., and Knechel. 2,843,489.
- Knecht, Frederick L.: See—
- Anania, James A. 2,851,832.
- Knechtli, Ronald C., to Radio Corp. of America. Electron beam controlling apparatus. 2,829,303, 4-1-58, Cl. 315-22.
- Knechtli, Ronald C., to United States of America, Army. Apparatus for producing thermally-cool charged particles. 2,841,726, 7-1-58, Cl. 313-7.
- Knee, William, to The National Cash Register Co. Hand stamps. 2,818,802, 1-7-58, Cl. 101-111.
- Kneeland, David, to Hallmark Cards, Inc. Double hole paper drilling device. 2,820,519, 1-21-58, Cl. 164-90.
- Kneeling, William C. Method for making optical laminations. 2,833,680, 5-6-58, Cl. 154-265.
- Kneisel, Otto A. Fishing equipment. 2,821,042, 1-28-58, Cl. 43-19.2.
- Kneitel, Seymour H., to Paramount Pictures Corp. Apparatus for producing animated cartoons in three dimensions. 2,837,962, 6-10-58, Cl. 88-16.
- Knell, Christopher V., to Miehle-Goss-Dexter, Inc. Stereotype finishing machine. 2,859,507, 11-11-58, Cl. 29-21.
- Knell, Martin.: See—
- Kroll, Harry, and Knell. 2,831,885.
- Kroll, Harry, and Knell. 2,848,469.
- Knepp, George G.: See—
- Kortier, Floyd A., and Knepp. 2,851,901.
- Knibb, Leroy H. Ice cream freezer. 2,828,113, 3-25-58, Cl. 259-110.
- Knibb, Leroy H. Collapsible mandrel for use in fabricating plastic pipe. 2,845,658, 8-5-58, Cl. 18-45.
- Knibbs, Norman V. S., and E. G. S. Thyer, to Fawham Developments Ltd. Hydration of lime and allied substances. 2,833,626, 5-6-58, Cl. 23-188.
- Knickerbocker, Karl. Attachment unit for film reels. 2,838,251, 6-10-58, Cl. 242-74.2.
- Knickerbocker Plastic Co., Inc.: See—
- Musser, Clair O. 2,861,808.
- Knier, Joseph P. Tip-up with illuminable signal. 2,834,140, 5-13-58, Cl. 43-17.
- Knierriemen, Jakob, and E. Kratz, to G. M. Pfaff Akt. Sewing machine presser foot mechanism. 2,857,870, 10-28-58, Cl. 112-235.
- Knight, Charles R. Glazer's instrument. 2,847,700, 8-19-58, Cl. 18-3.5.
- Knight, Cosler D., to Zenith Radio Corp. Rumble eliminator. 2,845,490, 7-29-58, Cl. 179-1.
- Knight, Cyril H., and L. C. Varcoe, to Dorr-Oliver Inc. Method of and apparatus for clarifying liquids. 2,852,138, 9-16-58, Cl. 210-83.
- Knight, George A. Interpreting converter. 2,834,123, 5-13-58, Cl. 35-2.
- Knight, George D., to The Gadget-of-The-Month Club, Inc. Eyewash container-applicator. 2,847,010, 8-12-58, Cl. 128-249.
- Knight, Gilbert L. Safety shoulder and lap belt device for motor vehicle passengers. 2,825,581, 3-4-58, Cl. 280-150.
- Knight, Harmon M.: See—
- Kelly, Joe T., and Knight. 2,824,146.
- Kelly, Joe T., and Knight. 2,824,151.
- Kelly, Joe T., and Knight. 2,824,153.
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- Kelly, Joe T., and Knight. 2,824,158.
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- Kelly, Joe T., and Knight. 2,824,163.
- Lee, Robert J., Kelly, and Knight. 2,836,634.
- Knight, Harmon M., and J. T. Kelly, to American Oil Co. Alkylation process. 2,824,150, 2-18-58, Cl. 260-683.44.
- Knight, Harmon M., and J. T. Kelly, to The American Oil Co. Alkylation process. 2,824,152, 2-18-58, Cl. 260-683.44.
- Knight, Harmon M., and J. T. Kelly, to The American Oil Co. Alkylation process. 2,824,154, 2-18-58, Cl. 260-683.44.
- Knight, Harmon M., and J. T. Kelly, to The American Oil Co. Alkylation process. 2,824,155, 2-18-58, Cl. 260-683.44.
- Knight, Harmon M., and J. T. Kelly, to The American Oil Co. Alkylation process. 2,824,157, 2-18-58, Cl. 260-683.44.
- Knight, Harmon M., and J. T. Kelly, to The American Oil Co. Alkylation process. 2,824,160, 2-18-58, Cl. 260-683.44.
- Knight, Harmon M., and J. T. Kelly, to The American Oil Co. Alkylation process. 2,824,161, 2-18-58, Cl. 260-683.44.
- Knight, Harmon M., and J. T. Kelly, to The American Oil Co. Alkylation process. 2,824,162, 2-18-58, Cl. 260-683.44.
- Knight, Harvey M. Trash spring member. 2,839,984, 6-24-58, Cl. 97-193.
- Knight, Kenneth K., and W. J. Wenzel. Automatic self-steering vehicle. 2,824,616, 2-25-58, Cl. 180-79.
- Knight Leather Products, Inc.: See—
- Renz, Emil K., and Miller. 2,819,749.
- Knight, Lloyd K., to The Jeffrey Mfg. Co. Crushing mill with hammer-rotor, and adjacent adjustable support carrying traveling-breaker-plate and screen. 2,828,922, 4-1-58, Cl. 241-89.
- Knight, Lorin, and A. Trussell, to The British Tabulating Machine Co., Ltd. Data storage devices. 2,828,418, 3-25-58, Cl. 250-27.
- Knight, Milton A. Battery charging system. 2,821,677, 1-28-58, Cl. 320-56.
- Knight, Philip L., to Surface Combustion Corp. Water sealing furnace section. 2,857,153, 10-21-58, Cl. 266-4.
- Knight, Philip L., to Surface Combustion Corp. Radiant tube heater. 2,860,864, 11-18-58, Cl. 263-42.
- Knight, Preston C., to Radio Corp. of America. Telegraph control circuit. 2,853,542, 9-23-58, Cl. 178-2.
- Knight, Robert D., A. O. Mason, and T. Melville, to United States Steel Corp. Method and apparatus for loading a grain bin. 2,838,076, 6-10-58, Cl. 141-1.
- Knight, Robert D., and T. Melville, to United States Steel Corp. Ventilating duct. 2,841,072, 7-1-58, Cl. 98-56.

- Knight, Robert F., to Core Laboratories, Inc. Depth measuring apparatus. 2,860,417, 11-18-58, Cl. 33—134.
- Knight, W. B., Machinery Co.: *See—*
Eddy, Gaines W., and Knippling. 2,826,530.
Kleinsorge, Adolph H. 2,826,945.
- Knight, William F.: *See—*
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- Knill, Robert B.: *See—*
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- Knipp, Erwin, and K. Jellinghaus, to Junkerather Gewerkschaft, and A. Stotz A.-G. Eisengiesserei und Maschinenfabrik. Apparatus for the preparation and mixing of foundry moulding materials. 2,826,794, 3-18-58, Cl. 22—89.
- Knisely, James D., $\frac{1}{2}$ to J. K. Payne. Bag handling and filling machine. 2,864,219, 12-16-58, Cl. 53—187.
- Knit Wear Patents, Inc.: *See—*
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Foltis, Anestis. 2,840,877.
- Knitter, Raymond G. Tension responsive foldable marine anchor. 2,847,963, 8-19-58, Cl. 114—208.
- Kniveton, James, to Selas Corp. of America. Furnace structure. 2,848,206, 8-19-58, Cl. 263—6.
- Knobel, Fritz. Lighting installation. 2,861,219, 11-18-58, Cl. 315—100.
- Knobel, Max, to Pneumatic Scale Corp., Ltd. Vacuum filling and weighing machine. 2,846,177, 8-5-58, Cl. 249—63.
- Knobel, Max, to Pratt & Whitney Co., Inc. Pressure responsive switch. 2,851,565, 9-9-58, Cl. 200—83.
- Knobel, Max. Power driven micrometer. 2,854,755, 10-7-58, Cl. 33—147.
- Knochel, William J.: *See—*
Sternglass, Ernest J., and Knochel. 2,858,466.
- Knochel, William J., and G. L. Cox, to Westinghouse Electric Corp. Cathode ray tube. 2,853,639, 9-23-58, Cl. 313—82.
- Knoch, Leo, to L. Schuler, A. G. Coupling mechanism for presses and the like. 2,829,746, 4-8-58, Cl. 192—12.
- Knoedler, Fred E., to Knoedler Manufacturers, Inc. Burr mill. 2,828,087, 3-25-58, Cl. 241—162.
- Knoedler, Fred E., to Knoedler Manufacturers, Inc. Lateral auger discharge. 2,833,396, 5-6-58, Cl. 198—213.
- Knoedler Manufacturers, Inc.: *See—*
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Knoedler, Fred E. 2,833,396.
- Knoedler, Roy E. Resilient tip-up tractor seat. 2,829,703, 4-8-58, Cl. 155—51.
- Knoester, Pieter D., to North American Philips Co., Inc. Loop or eye forming pliers. 2,824,583, 2-25-58, Cl. 140—104.
- Knohl, Friedrich K., to Illinois Tool Works. Screw or nut with locking projections. 2,833,326, 5-6-58, Cl. 151—37.
- Knohl, Friedrich K., to Illinois Tool Works. Self threading sheet metal fastener for retaining soft material. 2,862,413, 12-2-58, Cl. 85—36.
- Knohl, Herbert, to The Kendall Co. Plated knitted garment and method of making same. 2,832,125, 4-29-58, Cl. 28—76.
- Knoll, Alexander F., and L. C. Hurd, deceased (E. H. Hurd, executrix), to Metals Disintegrating Co., Inc. Method of making pigment and products thereof. 2,858,230, 10-28-58, Cl. 106—277.
- Knoll Associates, Inc.: *See—*
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- Knoll, David, to Berko Electric Mfg. Corp. Electric heater panel contact structure. 2,861,168, 11-18-58, Cl. 219—34.
- Knoll, Florence S., to Knoll Associates, Inc. Desk structure. 2,821,450, 1-28-58, Cl. 312—111.
- Knoll, Fritz, and F. Ellegast. Butchers' skinning knives. 2,830,368, 4-15-58, Cl. 30—272.
- Knoll, Max: *See—*
Hook, Harvey O., and Knoll. 2,843,799.
- Knoll, Max, to Radio Corp. of America. Picture storage tube. 2,856,559, 10-14-58, Cl. 315—12.
- Knoll, Werner, to Firma H. Maihak A. G. Cable holding device. 2,858,093, 10-28-58, Cl. 248—49.
- Knoll, William A., and C. E. Vandenberg, to North American Aviation, Inc. Transpiration cooled seal. 2,832,618, 4-29-58, Cl. 288—6.
- Knollenberg, Allen V., to Self Storing Window Co., Inc. Valve actuating mechanism. 2,838,825, 6-17-58, Cl. 29—69.
- Knoller, Howard J.: *See—*
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- Knopf, Ernest R. Shoe polisher. 2,832,983, 5-6-58, Cl. 15—258.
- Knopf, Herbert, A. Beerwald, and G. Brinkmann, to Farbenfabriken Bayer Aktiengesellschaft. Manufacture of silicone oils. 2,831,008, 4-15-58, Cl. 260—448.2.
- Knopf, Milton, and O. J. Borgesser, to North American Aviation, Inc. Aircraft control inspection device. 2,859,621, 11-11-58, Cl. 73—432.
- Knopp, Russell F.: *See—*
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- Knorr-Bremse G. m. b. H.: *See—*
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- Knoth, Frederick, Jr.: *See—*
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- Knoth, Walter H., Jr., to E. I. du Pont de Nemours and Co. Organometalloids. 2,850,514, 9-2-58, Cl. 260—448.2.
- Knott, Edward B., to Eastman Kodak Co. Merocyanine dyes and photographic emulsions containing them. 2,839,403, 6-17-58, Cl. 96—105.
- Knott, Edward B., to Eastman Kodak Co. Trinuclear optical sensitizing dyes and photographic emulsions containing them. 2,839,404, 6-17-58, Cl. 96—105.
- Knott, Edward B., and L. A. Williams, to Eastman Kodak Co. Process for the preparation of 1:2:4-triazole-3-thiols. 2,861,076, 11-18-58, Cl. 260—288.
- Knott, Leonard G. W., to Ultra Electric, Inc. Radio locating apparatus. 2,841,787, 7-1-58, Cl. 343—101.
- Knott, Ralph D.: *See—*
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- Knott, Ronald W.: *See—*
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- Knott, Sydney T.: *See—*
Witzell, Warren E., and Knott. 2,841,635.
- Knottnerus, Lodewijk F. A. Runway light. 2,848,597, 8-19-58, Cl. 240—1.2.
- Knowles Associates: *See—*
Chelminski, Roman. 2,837,215.
- Knowles, Charles M. Trenching device. 2,846,787, 8-12-58, Cl. 37—99.
- Knowles, Edwin C., J. A. Patterson, and H. D. Kluge, to The Texas Co. Lubricating compositions containing monomeric condensation products of alkylated phenols with carbonyl-containing compounds. 2,830,025, 4-8-58, Cl. 252—52.
- Knowles, James, to Ford Motor Co. Automatic transmission. 2,850,921, 9-9-58, Cl. 74—677.
- Knowles, James, to Ford Motor Co. Twin turbine transmission. 2,855,803, 10-14-58, Cl. 74—677.
- Knowles, James H. Cotton harvester. 2,834,175, 5-13-58, Cl. 56—33.
- Knowles, John G. Transmissions. 2,849,887, 9-2-58, Cl. 74—336.5.
- Knowles, Joseph R., to Gulf Research & Development Co. Accessory for metal cutting machines. 2,837,972, 6-10-58, Cl. 90—11.
- Knowles, M. B.: *See—*
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Bell, Alan, Knowles, and Tholstrup. 2,848,345.
- Knowles, M. B., and L. D. Moore, Jr., to Eastman Kodak Co. Linear polyester compositions containing a 2,4,5-trihydroxy phenone of a fatty acid as a heat stabilizer. 2,856,383, 10-14-58, Cl. 260—45.95.
- Knowles, Mary: *See—*
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- Knowles, Maurice H.: *See—*
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- Knowles, Robert B. Fluid pump. 2,843,046, 7-15-58, Cl. 103—46.
- Knowles, Robert H.: *See—*
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- Knowles, William S.: *See—*
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Farrar, Martin W., Raffelson, and Knowles. 2,832,773.
Farrar, Martin W., Raffelson, and Knowles. 2,859,213.
Farrar, Martin W., Raffelson, and Knowles. 2,859,224.
- Knowles, William S., to Monsanto Chemical Co. Synthesis of steroids. 2,846,446, 8-5-58, Cl. 260—340.5.
- Knowles, William S., and B. S. Wildi, to Monsanto Chemical Co. Synthesis of steroids. 2,854,459, 9-30-58, Cl. 260—339.
- Knowlton, Orin H., Jr., and L. D. Ball, to Gilfillan Bros. Inc. Circuit for eliminating the hysteresis effect resulting from time delays inherent in track-while-scan systems. 2,845,532, 7-29-58, Cl. 250—27.
- Knox, Charles B., Gelatine Co., Inc.: *See—*
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- Knox, Donald G., to The National Supply Co. Relay type free piston well pump. 2,821,142, 1-28-58, Cl. 103—52.
- Knox, Edward E.: *See—*
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- Knox, Ervin H. Diving board. 2,831,688, 4-22-58, Cl. 272—60.
- Knox Glass Bottle Co.: *See—*
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- Knox, Granville S., to Hydril Co. Kelly packer and blowout preventer. 2,862,735, 12-2-58, Cl. 286—16.2.
- Knox, Granville S., to Hydril Co. Valve. 2,863,629, 12-9-58, Cl. 251—171.
- Knox, John D.: *See—*
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- Knox, Lewis A., to International Business Machines Corp. Amplifier. 2,833,918, 5-6-58, Cl. 250—27.
- Knox Mfg. Co.: *See—*
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- Knox, Scoville E.: *See—*
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- Knox, William J., and G. D. Davis, to Eastman Kodak Co. Gelatin coating compositions. 2,831,766, 4-22-58, Cl. 96—94.
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- Knudsen, Knud J., to The Lewis Engineering Co. Adjustable meter contact. 2,839,626, 6-17-58, Cl. 200-56.
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- Knudsen, Peter S. Apparatus for removing butter from the containers of combined churns and butter-workers. 2,822,152, 2-4-58, Cl. 259-30.
- Knudsen, Raymond G., to Snap-On Tools Corp. Torque wrenches. 2,830,450, 4-15-58, Cl. 73-139.
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- Knudson, Giltner J., to Bendix Aviation Corp. Coupling. 2,829,507, 4-8-58, Cl. 64-25.
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- Knutsen, Christian. Viewing and display device and method of displaying views of objects in conjunction with pictorial reproductions of intended changes. 2,861,357, 11-25-58, Cl. 35-50.
- Knutsen, Knut A., to Compagnie des Machines Bull (Societe Anonyme). Electronic calculators. 2,825,502, 3-4-58, Cl. 235-61.
- Knutsen, Wallace N., C. C. Rayburn, J. G. Black, Jr., and H. A. Schmidt, to ACF Industries, Inc. Module assembler. 2,821,617, 1-28-58, Cl. 219-85.
- Knutson, Harold G.: See—
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- Knutson, Leslie N.: See—
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- Kobayashi, Keigo. Heating apparatus. 2,820,134, 1-14-58, Cl. 219-39.
- Kobayashi, Tatsuo, and K. Ikeda, to Chiyoda Kogaku Seiko Kabushiki Kaisha. Device for representing gradations for exposure in a binocular reflex camera. 2,859,675, 11-11-58, Cl. 95-64.
- Kobbe, John R.: See—
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McArthur, Ralph E., and Mecusker. 2,866,213.
- Kobe, Kenneth A., and R. E. Lynn, Jr. Production of vinyl chloride from cracked hydrocarbon gases containing acetylene. 2,830,102, 4-8-58, Cl. 260-656.
- Köbeli, August: See—
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- Kober, Ehrenfried H.: See—
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- Kober, William. Electric generator and regulator. 2,824,275, 2-18-58, Cl. 322-27.
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- Kober, William, to TKM Electric Corp. Multiple generator unit. 2,864,964, 12-16-58, Cl. 310-112.
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- Koblitz, Francis F.: See—
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- Koch, Artur: See—
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- Koch, August K. Toolmakers' indicators. 2,840,917, 7-1-58, Cl. 33-172.
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- Koch, Earl E., to Sperry Rand Corp. Universal indexing linkage. 2,862,568, 12-2-58, Cl. 180-14.
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- Koch, Hans: See—
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- Koch, Hans, to Kurt Korber & Co. K. G. Stemming plant for leaf tobacco. 2,837,097, 6-3-58, Cl. 131-146.
- Koch, Hans, and O. Peters, to Kurt Korber & Co. K. G. Device for controlling the feed of cut tobacco to cigarette making machines. 2,843,429, 7-15-58, Cl. 302-17.
- Koch, Harold E.: See—
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- Koch, Herbert, to Studiengesellschaft Kohel mit Beschränkter Haftung. Production of carboxylic acids from olefins. 2,831,877, 4-22-58, Cl. 260-413.
- Koch, Jacob: See—
Grelat, Maurice, Koch, Sutter, and Kern. 2,837,523.
- Koch, Karl H.: See—
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- Koch, Maurice P. Drawbolts for luggage. 2,829,912, 4-8-58, Cl. 292-114.
- Koch, Paul H., to The Babcock & Wilcox Co. Method of and apparatus for controlling vapor temperatures. 2,819,702, 1-14-58, Cl. 122-479.
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- Koch, Raymond J., to Comptometer Corp. Flash reading indicating means for registers. 2,835,440, 5-20-58, Cl. 235-1.
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- Koch, Robert B., to The Polymer Corp. Tubing device. 2,858,590, 11-4-58, Cl. 24-81.
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- Koch, Robert G.: See—
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- Koch, Robert J.: See—
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- Koch, Werner P.: See—
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- Kocher, Erich J., to The Vilter Mfg. Co. Flake ice making apparatus. 2,836,967, 6-3-58, Cl. 62-107.
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- Kocher, Fred W., to Pittsburgh Plate Glass Co. Treating glass sheets. 2,837,876, 6-10-58, Cl. 51-140.
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- Koci, Jerry C., A. Holz, and E. L. Dreyer, to Chicago Dynamic Industries, Inc. Simulated pneumatically operated machine gun. 2,837,076, 6-3-58, Cl. 124-13.
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- Kock, Paul O., to Bituminous Coal Research, Inc. Boiler. 2,827,023, 3-18-58, Cl. 122-265.
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- Kodama, George T., to Sprague Electric Co. Curing oven. 2,820,131, 1-14-58, Cl. 219-34.
- Kodra, Esper: See—
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- Koebler Mfg. Co.: See—
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- Koegel, Herman L., to Harnischfeger Corp. Weighing bottom block. 2,820,624, 1-21-58, Cl. 263-27.
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- Koehler, Albert C., and A. L. Van Nest, to Western Electric Co., Inc. Apparatus for assembling articles. 2,864,214, 12-16-58, Cl. 53-59.
- Koehler, Carl W.: See—
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- Koehler, Gordon T. and G. J., to Koehler Aircraft Products Co. Valve mechanism. 2,843,145, 7-15-58, Cl. 137-414.
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- Koehler, John A.: See—
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- Koehler, Max, to A. H. Schilling. Powder metallurgy and piston rings obtained thereby. 2,842,471, 7-8-58, Cl. 148-12.
- Koehler, Paul A. Tap for rolling and swaging internal screw threads. 2,828,493, 4-1-58, Cl. 10-140.
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- Koehler, Robert L., to Koiled Kords, Inc. Telephone alert system. 2,841,650, 7-1-58, Cl. 179-2.
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- Koehring Co.: See—
Bates, Homer J. 2,854,940.
- Koehring, John C. 2,859,702.
- Geiger, George M. 2,825,309.
- Harrison, John F. 2,847,918.
- Huelskamp, Donald A. 2,821,750.
- Lindell, John F. and Kennedy. 2,841,895.
- Poulter, John W., Huffaker, and Graham. 2,864,475.
- Koehring, Roland P., to General Motors Corp. Method of sintering nickel powder onto stainless steel. 2,855,296, 10-7-58, Cl. 75-208.
- Koehring, Roland P., to General Motors Corp. Method of manufacture. 2,866,886, 12-30-58, Cl. 219-117.
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- Koelling, Edward A. Apparatus for feeding loose leaf metal arches. 2,838,203, 6-10-58, Cl. 221-248.
- Koelling, Carolyn S. Jewelry clasp. 2,843,908, 7-22-58, Cl. 24-230.
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- Koenecke, Donald F.: See—
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- McKay, John F., and Koenecke. 2,825,662.
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- Koenecke, Donald F., L. A. Mikeska, and A. H. Gleason, to Esso Research and Engineering Co. Synthetic drying oils. 2,819,302, 1-7-58, Cl. 260-519.
- Koenecke, Donald F., and H. J. Brady, to Esso Research and Engineering Co. Cellulose nitrate-liquid polymer oil compositions. 2,842,452, 7-8-58, Cl. 106-195.
- Koenecke, Joseph B.: See—
Hobbs, Philip A. D., and Koenecke. 2,859,075.
- Koenig, Claus. Self-adhesive tape. 2,819,180, 1-7-58, Cl. 117-11.
- Koenig, Claus. Carton. 2,824,641, 2-25-58, Cl. 206-52.
- Koenig, Frederick C. Still construction. 2,837,335, 6-3-58, Cl. 272-70.1.
- Koenig, Harry D., to Braun, Wettberg & Co. Comb cleaning device. 2,861,286, 11-25-58, Cl. 15-39.
- Koenig, Henry F., III, and M. W. Hazelton, to The Cincinnati Shaper Co. Automatic shift two-speed press brake. 2,856,044, 10-14-58, Cl. 192-4.
- Koenig Iron Works, Inc.: See—
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- Koenig, Robert H. Tape switch. Re. 24,541, 9-23-58, Cl. 200-86.

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- Koenig, William C., to Brant and Nielsen Co. Sand blasting apparatus. 2,836,013, 5-27-58, Cl. 51-8.
- Koenigsberg, Max, to The Englander Co., Inc. Mattress structure. 2,853,721, 9-30-58, Cl. 5-351.
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- Koepfer, Casper J., to the United States of America as represented by the Secretary of the Army. Non-tip off launcher. 2,818,779, 1-7-58, Cl. 89-1.7.
- Koepfel, Beverly W., to Seismograph Service Corp. Radio navigation system. 2,855,595, 10-7-58, Cl. 343-105.
- Koerner, Harry E., to Westinghouse Electric Corp. X-ray apparatus. 2,849,620, 8-26-58, Cl. 250-58.
- Koeske, Tom J.: *See*—
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- Koester, Roland: *See*—
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- Koetitz, Kenneth F.: *See*—
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- Kofford, Reed S. Poultry watering cup. 2,848,013, 8-19-58, Cl. 137-408.
- Kofford, Reed S. Fogger for cooling poultry. 2,850,326, 9-2-58, Cl. 299-127.
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- Kofler, Alfons: *See*—
Anselm, Hans, Kofler, and Smidt. 2,866,820.
- Kofron, Vernon K.: *See*—
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- Kofron, Vernon K., and M. D. Levy, to Vickers, Inc. Power transmission. 2,853,663, 9-23-58, Cl. 317-241.
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- Kogon, Irving C., to E. I. du Pont de Nemours and Co. Preparation of triaryl isocyanates. 2,838,511, 6-10-58, Cl. 260-248.
- Kogstrom, Axel W., and F. R. Smith, to O & S Bearing & Mfg. Co. Bearing construction. 2,857,214, 10-21-58, Cl. 308-71.
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- Kohl, Arthur L., and E. Butcher, to The Fluor Corp., Ltd. Water pre-cooled heat exchanger systems. 2,833,122, 5-6-58, Cl. 62-2.
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Krug, Julius. 2,833,230.
Krug, Julius. 2,849,968.
Reich, Bruno. 2,830,773.
Steinert, Gerhard. 2,856,872.
- Kohler, August R.: *See*—
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- Kohler & Campbell, Inc.: *See*—
Doerr, Fred W. 2,823,569.
- Kohler, Frederick L. Unitary self contained entertainment system and lectern. 2,830,118, 4-8-58, Cl. 179-1.
- Kohler, Hans W. Cathode ray tube binary adder. 2,848,162, 8-19-58, Cl. 235-61.
- Kohler, Horst, to Carl Zeiss. Optical system for a prism binocular. 2,846,922, 8-12-58, Cl. 88-57.
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- Kohler, John: *See*—
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- Köhler, Otto, 1/2 to E. Hof, and 1/2 to C. B. A. Sassella. Steering wheel clock. 2,850,868, 9-9-58, Cl. 58-50.
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- Köhler, Rudolf: *See*—
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- Kohler, Theodor B. Composite tool bits for substantially axially fed plunge type tools. 2,858,718, 11-4-58, Cl. 77-70.
- Kohlhagen, Walter, to The E. Ingraham Co. Reaction-type synchronous motor with lifelong permanent magnet rotor. 2,823,327, 2-11-58, Cl. 310-162.
- Kohlhase, William L., to E. I. du Pont de Nemours and Co. Process for preparing low molecular weight omega-chloronitriles from cyanogen chloride and ethylene. 2,848,477, 8-19-58, Cl. 260-465.3.
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- Kohlstrunk, Arthur T.: *See*—
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- Kohlstrunk, Arthur T., to Wheel Trueing Tool Co. Tool assembly. 2,845,922, 8-5-58, Cl. 125-39.
- Kohn, Earl J., and G. F. Asbury, Sr. Recording stylus assembly. 2,830,867, 4-15-58, Cl. 346-74.
- Kohn, Gustave K., to California Spray-Chemical Corp. Stabilization and recovery of dicarboxylic acid anhydrides in the presence of alkali metal cations. 2,831,869, 4-22-58, Cl. 260-346.8.
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- Kohn, Gustave K., to California Spray-Chemical Corp. Continuous dehydration of aqueous solutions of crude maleic acid. 2,863,880, 12-9-58, Cl. 260-346.8.
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- Kohn, Julius. Watch testing apparatus. 2,841,978, 7-8-58, Cl. 73-6.
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- Kohorst, Joseph. Post pulling device. 2,826,392, 3-11-58, Cl. 254-31.
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- Kohring, Wilbur M. Sealed electronic unit as for projectile detonation means, etc. 2,863,994, 12-9-58, Cl. 250-16.
- Kohrs, William R., D. L. Orloff, and R. L. Rohde, to Oscar Mayer & Co., Inc. Transfer mechanism. 2,860,763, 11-18-58, Cl. 198-33.
- Kohrt, Hans-Ulrich: *See*—
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- Kohs, Dwight W., to Bell Telephone Laboratories, Inc. Conversion of two-valued codes. 2,852,745, 9-16-58, Cl. 332-1.
- Kohs, Dwight W., to Bell Telephone Laboratories, Inc. Conversion of binary code to reflected code. 2,858,530, 10-28-58, Cl. 340-347.
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- Koike, Fuji, to Nippon Sewing Machine Mfg. Co., Ltd. Lubricating system. 2,857,981, 10-28-58, Cl. 184-28.
- Koiled Kords, Inc.: *See*—
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- Koinis, Frank J.: *See*—
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- Kok, Marinus, to N. V. Betonfabriek "De Meteor." Welding and assembling floor. 2,841,977, 7-8-58, Cl. 72-68.
- Kokalas, Edward, to Bendix Aviation Corp. Electrical connector. 2,847,652, 8-12-58, Cl. 339-45.
- Kolar, Frank J., Jr., to Western Electric Co., Inc. Method of and apparatus for sealing electrical components in a thermoplastic. 2,838,797, 6-17-58, Cl. 18-26.

- Kolath, William H., Jr.: *See*—
Kiehl, Paul G., and Kolath. 2,834,136.
- Kolb, Alfred R., Sr.: *See*—
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- Kolb, Frank H., $\frac{1}{2}$ to A. N. Simonsen. Rotary disc road sander. 2,856,191, 10-14-58, Cl. 275—8.
- Kolb, John R. Bracket support for suspended article. 2,861,763, 11-25-58, Cl. 248—226.
- Kolb, William S.: *See*—
Steiner, Joseph W., and Kolb. 2,849,599.
- Kolbe, Adelbert E.: *See*—
Barr, Harry E., and Kolbe. 2,853,062.
Rohrbacher, Earl W., and Kolbe. 2,849,858.
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- Kolbe, Adelbert E., to General Motors Corp. Carburetor mounting device. 2,828,726, 4-1-58, Cl. 123—119.
- Kolbe, Adelbert E., to General Motors Corp. Crankcase ventilation system. 2,853,986, 9-30-58, Cl. 123—119.
- Kolbe, Adelbert E., and G. J. Phillips, to General Motors Corp. Method of making cylinder blocks. 2,831,225, 4-22-58, Cl. 22—131.
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- Kolbel, Herbert, and R. Langheim, to Rheinpreussen Akt. fur Bergbau und Chemie. Carbon monoxide hydrogenation synthesis reactors. 2,852,350, 9-16-58, Cl. 23—288.
- Köbel, Herbert, and P. Ackermann. Apparatus for carrying out gaseous catalytic reactions in liquid medium. 2,853,369, 9-23-58, Cl. 23—288.
- Kolenda, Ernest A.: *See*—
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- Kolene Corp.: *See*—
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- Kolesa, Thomas J., to W. H. Miner Inc. Locking center pin for railway cars. 2,850,989, 9-9-58, Cl. 105—200.
- Kolosh, Victor A., to Simonds Saw & Steel Co. Method of making hard metal tipped saws. 2,826,941, 3-18-58, Cl. 76—112.
- Koltenbach, John J.: *See*—
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Phillips, Judson L., and Koltenbach. 2,842,112.
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- Kolintzas, Sophie C. Illuminated toy. 2,841,922, 7-8-58, Cl. 40—228.
- Kolisch, Emil, and W. C. G. Swift, to Continental Electrolog Corp. Equipment for planning the loading of cargo aircraft. 2,856,127, 10-14-58, Cl. 235—61.
- Kolk, Raymond G. Water control for transplanter. 2,835,419, 5-20-58, Cl. 222—442.
- Kolka, Alfred J.: *See*—
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Ecke, George G., Kolka, and Burt. 2,841,593.
Liggett, Waldo B., and Kolka. 2,839,444.
- Kolka, Alfred J., to Ethyl Corp. Chemical process for producing tri(β -haloaliphatic) esters of phosphorus acids. 2,866,808, 12-30-58, Cl. 260—461.
- Kolka, Alfred J., to Ethyl Corp. Process of preparing beta-haloaliphatic esters of halogen substituted acids of phosphorus. 2,866,809, 12-30-58, Cl. 260—461.
- Kolka, Alfred J., and G. G. Ecke, to Ethyl Corp. Stabilized polymeric compositions. 2,836,577, 5-27-58, Cl. 260—45.95.
- Kolka, Alfred J., and G. G. Ecke, to Ethyl Corp. Stabilized fuel antiknock. 2,836,609, 5-27-58, Cl. 260—437.
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- Kolker, Leon A. Preparation of methyl chloride. 2,847,484, 8-12-58, Cl. 260—657.
- Koll, Robert E., and L. B. Ronk, to System Analyzer Corp. Phase converter. 2,832,925, 4-29-58, Cl. 318—221.
- Kollenberger, Walter M. Devices for damping the rolling movement of ships. 2,848,971, 8-26-58, Cl. 114—126.
- Koller, Edward J., and C. J. Bohn, to Wonder Products Co. Stand for spring suspended hobby horse. 2,851,236, 9-9-58, Cl. 248—165.
- Koller, Ernest H. Harvester reel bat. 2,840,975, 7-1-58, Cl. 56—219.
- Koller, Lewis R., to General Electric Co. Electroluminescent cell. 2,819,420, 1-7-58, Cl. 313—108.
- Koller, Lewis R., to General Electric Co. High purity color information screen. 2,827,593, 3-18-58, Cl. 315—21.
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- Kollgaard, Reyner, to Houdry Process Corp. Catalyst regeneration. 2,838,461, 6-10-58, Cl. 252—418.
- Kölliker, Hans-Peter: *See*—
Hindermann, Peter, Kölliker, and Trautzi. 2,845,443.
- Kolling, Helmut: *See*—
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- Kolling, Helmut, R. Luben, and A. Schmitz, to Ruhrchemie Akt. Conversion of hard paraffin obtained by the catalytic hydrogenation of carbon monoxide. 2,852,546, 9-16-58, Cl. 260—450.
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- Kölling, Johann, to The Babcock & Wilcox Co. Fluid heaters. 2,825,312, 3-4-58, Cl. 122—333.
- Kölling, Johann, to The Babcock & Wilcox Co. Cyclone fired vapor generating unit with downcomer support for the cyclone furnace. 2,842,105, 7-8-58, Cl. 122—510.
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- Köllisch, Frank. Storage rack and wire dispenser. 2,828,928, 4-1-58, Cl. 242—137.1.
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- Kollmann, Karl J. Saw cutting tool for pipe cleaners and the like. 2,836,838, 6-3-58, Cl. 15—104.09.
- Kollmann, Melvin F. Valve guide wear gage. 2,851,782, 9-16-58, Cl. 33—172.
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- Kollmorgen, Ernst O., and H. G. Theuer, to Kollmorgen Optical Corp. Mechanism for eliminating parallax from telescopic sights and the like. 2,858,732, 11-4-58, Cl. 88—32.
- Kollmorgen Optical Corp.: *See*—
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- Kollonitsch, János, and Ö. Fuchs, to Chinoín Gyógyszer-es Vegyeszeti Termékek Gyára Reszvenytársaság. Process for the preparation of the optically active forms of threo-1-(p - Nitrophenyl) - 2 - amino - 1,3 - dihydroxypropane. 2,839,577, 6-17-58, Cl. 260—570.6.
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- Kollsman Instrument Corp.: *See*—
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Von Ranson, Josef. 2,826,082.
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- Kolmorgen, Edward L., and F. M. Zinser, Jr., to Anaconda Wire and Cable Co. Compression resistant electric cable. 2,851,515, 9-9-58, Cl. 174—117.
- Kolner, Samuel J., to Phillips Petroleum Co. Separation by crystallization. 2,835,598, 5-20-58, Cl. 99—205.
- Kolodin, Samuel S. Band tightening means. 2,825,114, 3-4-58, Cl. 24—280.
- Kolodin, Samuel S. Pipe hanger. 2,835,464, 5-20-58, Cl. 248—32.
- Koloseus, Edward J.: *See*—
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- Kolpek, Robert A., to General Telephone Laboratories, Inc. Tape movement check in a telegraph system. 2,836,653, 5-27-58, Cl. 178—17.
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- Kolsky, Anton J., and W. L. Bilger. Calendar bank. 2,839,172, 6-17-58, Cl. 194—1.
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Komarek, Gustav and K. R. 2,843,879.
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- Komatsubara, Takejiro: *See*—
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- Kompelien, Alexander O.: *See*—
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- Konchar, Victor J., to International Harvester Co. Mechanism for separating stones and other debris from potatoes in a potato harvester. 2,828,012, 3-25-58, Cl. 209—72.
- Kon, Raymond E.: *See*—
Nelson, Raider B., and Kon. 2,863,177.
- Konau, Heimit R. K. E. R.: *See*—
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- Konazewski, William P.: *See*—
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- Konczyk, Chester W. Phonograph records storage rack. 2,864,508, 12-16-58, Cl. 211—40.
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- Kongelbeck, Sverre, to United States of America, Navy. Air shut-off valve. 2,846,180, 8-5-58, Cl. 251—68.
- Kongsted, Ludvig P., to American Bosch Arma Corp. Ignition apparatus. 2,845,550, 7-29-58, Cl. 310—70.
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Maltha, Pieter R. A. 2,858,280.
- Koninklijke Machinefabriek Gebr. Stork & Co., N. V.: *See*—
Busquet, Jan C. 2,844,304.
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- Koninklijke Zwavelzuurfabrieken v/h Ketjen N. V.: *See*—
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- Konopicky, Camillo: *See*—
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- Konrad, Herman M., and R. J. Moser, to The National Cash Register Co. Control of totalizer selecting mechanism by the totalizer. 2,837,275, 6-3-58, Cl. 235—60.2.
- Konrad, Herman M., and R. J. Moser, to The National Cash Register Co. Automatic overdrift detection lock for accounting machines. 2,838,231, 6-10-58, Cl. 235—60.2.
- Konrad, Otto: *See*—
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- Kontler, Peter K. Pocket clips. 2,862,473, 12-2-58, Cl. 120—42.01.
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- Konway, Robert J. Machine for shaping gutters. 2,831,408, 4-22-58, Cl. 94—45.
- Koob, Bernard H., to Lynch Corp. Container manufacturing machine. 2,834,154, 5-13-58, Cl. 49—9.
- Kooi, Clarence F., to Collins Radio Co. Ferrite heater and heat sensor. 2,852,653, 9-16-58, Cl. 219—20.
- Kooi, Earl R., to Corn Products Refining Co. Production of dextran dextrinase. 2,823,695, 5-6-58, Cl. 195—66.
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- Koole, Peter J., to The Standard Products Co. Rotating fastener with diverging leg portions. 2,850,935, 9-9-58, Cl. 85—5.
- Koolhof, Regnerus A.: *See*—
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- Koons, Evan G. Fraction demonstrating device. 2,826,829, 3-18-58, Cl. 35—31.
- Koons, George L., to Royal McBee Corp. Record card. 2,820,458, 1-21-58, Cl. 129—16.1.
- Koons, Harold O., to The Electric Products Co. Single bearing rotating electrical equipment. 2,832,906, 4-29-58, Cl. 310—90.
- Koons, Jack F.: *See*—
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- Koontz, Mares F. Fluid container assembly. 2,865,041, 12-23-58, Cl. 15—264.
- Koontz, Rollin H., to Electronic Specialty Co. Strip-line switches. 2,855,471, 10-7-58, Cl. 200—5.
- Koontz-Wagner Electric Co., Inc.: *See*—
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- Koopal, Sieds, and W. van Loon, to Stamcarbon N. V. Process and apparatus for the production of calcium carbide. 2,858,197, 10-28-58, Cl. 23—277.
- Koopman, Phillip J., toNotifier Corp. Alarm station. 2,830,143, 4-8-58, Cl. 200—44.
- Koopmans, Martinus J.: *See*—
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- Koosman, Joseph G., to Allen B. du Mont Laboratories, Inc. Light source and method of use. 2,833,954, 5-6-58, Cl. 314—134.
- Koosin, Victor T.: *See*—
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- Kopaska, George E. Collapsible animal ramp for use with trucks and the like. 2,822,940, 2-11-58, Cl. 214—85.
- Kopczynski, John F. Traction drive for vehicles having non-circular wheels. 2,819,767, 1-14-58, Cl. 180—7.
- Kopczynski, John F. Punched perforating punch devices or tools. 2,847,069, 8-12-58, Cl. 164—124.
- Kopczynski, John F. High speed bearing. 2,850,338, 9-2-58, Cl. 308—203.
- Kope, David. Vehicle steering device. 2,865,223, 12-23-58, Cl. 74—494.
- Kopel, Herbert. Adjustable slicing knife. 2,856,688, 10-21-58, Cl. 30—283.
- Kopelman, Bernard, to Sylvania Electric Products Inc. Technique for multiple P-N junctions. 2,822,307, 2-4-58, Cl. 168—1.5.
- Kopelman, Bernard, to Sylvania Electric Products Inc. Arsenic tellurium alloys. 2,829,321, 4-1-58, Cl. 317—237.
- Kopelman, Sadye. Spring wall clips. 2,842,823, 7-15-58, Cl. 24—73.
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- Kopf, Rowland J., to Olin Mathieson Chemical Corp. Fastener setting tool. 2,849,715, 9-2-58, Cl. 1—106.
- Kopf, Rowland J., to Olin Mathieson Chemical Corp. Projectile fastener for penetration into materials of varying resistance to penetration. 2,855,817, 10-14-58, Cl. 85—10.
- Kopf, Rowland J., and R. Marsh, to Olin Mathieson Chemical Corp. Apparatus for securing hangers with explosively-actuated tools. 2,863,149, 12-9-58, Cl. 1—44.5.
- Kopke, Ernst W., to C. Hastings. Noise suppressing screen. 2,849,077, 8-26-58, Cl. 181—33.
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- Kopp, Philip B. Tile handling conveyor. 2,846,098, 8-5-58, Cl. 214—314.
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- Koppel, Harold H., to Bailey Meter Co. Magnetic inverter circuit. 2,834,934, 5-13-58, Cl. 323—56.
- Koppel, Harold H., to Bailey Meter Co. Self-balancing potentiometer system. 2,835,855, 5-20-58, Cl. 318—28.
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- Koppelman, Hyman, to Oxy-O-Meter, Inc. Coin actuated oxygen dispensing machine. 2,855,926, 10-14-58, Cl. 128—203.
- Koppelman, Eldo K.: *See*—
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 Korkosz, Frank D., and J. J. Star plate and method of making same. 2,866,704, 12-30-58, Cl. 96-27.
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 Kosch, Alois J., to Kosch Co. Steering aid for vehicles. 2,819,778, 1-14-58, Cl. 192-8.
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 Kottler, August, and H. Scheffler, to Geigy Chemical Corp. 3,5-dioxo-pyrazolidines bicyclically substituted in the 4-position. 2,853,491, 9-23-58, Cl. 260-310.
 Kottler, August, and H. Scheffler, to Dr. Karl Thomae, G. m. b. H. Sterile, biologically absorbable powder adapted for dusting and spraying, and a process of making same. 2,864,743, 12-16-58, Cl. 167-58.
 Kottsieper, Edward, to United Aircraft Corp. Automatic tail rotor control. 2,843,211, 7-15-58, Cl. 170-135.22.
 Kotz, Raymond W., A. R. Dammkoehler, and R. E. Belke, to Belke Mfg. Co. Apparatus for electroplating. 2,841,547, 7-1-58, Cl. 204-223.
 Koucký, František: *See*—
 Koucký, Josef and F. 2,863,248.
 Koucký, Josef and F. 2,863,249.
 Koucký, Josef and F., to Konstrukta Praha, narodni podnik. Removable cylinder spindle of cylinder revolvers. 2,863,248, 12-9-58, Cl. 42-59.
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 Kouke, Louis L. Rack insert for golf bags. 2,860,679, 11-18-58, Cl. 150-1.5.
 Koulikovitch, Maurice, and R. Juvet, to Societe Genevoise d'Instruments de Physique. Warning device comprising a microphone preferably for a grinding machine. 2,866,301, 12-30-58, Cl. 51-165.
 Koulikovitch, Miron, to Societe Genevoise d'Instruments de Physique. Apparatus for determining the distance of a mobile object from a reference straight line. 2,819,645, 1-14-58, Cl. 88-14.
 Koulikovitch, Miron, to Societe Genevoise d'Instruments de Physique. Apparatus for measuring very little lengths. 2,848,921, 8-26-58, Cl. 88-14.
 Koulikovitch, Miron, to Societe Genevoise d'Instruments de Physique. Apparatus for precisely measuring lengths. 2,853,917, 9-30-58, Cl. 88-14.

- Koup, Alred L., to United Aircraft Corp. Fluid coupling. 2,862,361, 12-2-58, Cl. 60-54.
- Koupal, Robert J., to Inflico Inc. Filter element. 2,826,308, 3-11-58, Cl. 210-457.
- Kourtesy Kontrol Co.: *See*—
Van Dellen, Lubbert H. 2,855,235.
- Koury, Frederic, to Sylvania Electric Products Inc. Semiconductor devices and methods. 2,820,931, 1-21-58, Cl. 317-236.
- Koury, Frederic, to Sylvania Electric Products Inc. Semiconductor devices and methods. 2,841,860, 7-8-58, Cl. 29-25.3.
- Koury, Frederic, to Sylvania Electric Products Inc. Method of producing a photoconductive device. 2,843,914, 7-22-58, Cl. 25-156.
- Kovac, Alexandra: *See*—
Kovac, Ferdinand. 2,837,983.
- Kovac, Ferdinand, deceased, by A. Kovac, legal representative. Container manufacturing process and apparatus. 2,837,983, 6-10-58, Cl. 93-44.1.
- Kovac, George M., to Ren Plastics, Inc. Material transfer turntable. 2,862,516, 12-2-58, Cl. 137-257.
- Kovach, Imre A. Folding carrier for bottles. 2,844,279, 7-22-58, Cl. 220-110.
- Kovach, John E., to Bergen Machine & Tool Co., Inc. Aggregate feed apparatus for concrete block machines. 2,839,810, 6-24-58, Cl. 25-103.
- Kovacic, Peter: *See*—
Bradley, Harris W., and Kovacic. 2,852,498.
- Kovacic, Peter, to E. I. du Pont de Nemours and Co. Vulcanization of polychloroprene with tetrachlorobenzenedithiol. 2,852,530, 7-8-58, Cl. 260-92.3.
- Kovacs, Joseph. Speed limiting device. 2,866,343, 12-30-58, Cl. 74-54.
- Kovalick, James L., to W. O. Wendel. Awning valance bending machine having gauge means actuated by clamp means. 2,866,493, 12-30-58, Cl. 153-46.
- Kovaleski, Joseph J.: *See*—
Richardson, William H., and Kovaleski. 2,849,195.
- Kovar, John R. Drawbar structure. 2,838,899, 6-17-58, Cl. 55-84.
- Kovarik, Josef, to Meopta narodni podnik. Film feeding mechanism. 2,853,929, 9-30-58, Cl. 95-31.
- Kowal, Jack S., 70% to G. E. Eckley and 25% to V. D. Eckley. Syringe. 2,848,996, 8-26-58, Cl. 128-229.
- Kowal, Jack S., 50% to G. D. Eckley and 50% to V. D. Eckley. Hygienic disinfectant apparatus. 2,849,256, 8-26-58, Cl. 299-84.
- Kowald, Bernhard, and G. Tischbirek, to Henkel & Cie. G. m. b. H. Corrosion inhibiting bath. 2,863,837, 12-9-58, Cl. 252-394.
- Kowalewski, Anthony A., to The B. F. Goodrich Co. Aqueous dispersion comprising carboxyl containing elastomer vulcanizing agent and formaldehyde. 2,859,193, 11-4-58, Cl. 260-29.7.
- Kowalewski, John J.: *See*—
Cawl, Allen P., and Kowalewski. 2,860,725.
- Kowalik, John J., to American Steel Foundries. Snubbed spring group. 2,826,406, 3-11-58, Cl. 267-9.
- Kowalik, John J., to International Harvester Co. Power loader frame structure with parking leg. 2,830,719, 4-15-58, Cl. 214-130.
- Kowalik, Jozef, to Graver Tank & Mfg. Co., Inc. Supporting column. 2,813,405, 7-15-58, Cl. 287-2.
- Kowalski, Herbert, and J. P. Ströter: said Kowalski assor, to said Ströter. Variable speed transmission. 2,829,531, 4-8-58, Cl. 74-19.
- Kowalski, Walter M. Catamenial pad. 2,838,048, 6-10-58, Cl. 128-290.
- Kowalshyn, Stephen: *See*—
Jones, Robert R., and Kowalshyn. 2,837,708.
- Kowarsky, Isidore: *See*—
Ellern, Herbert, Kowarsky, and Olander. 2,842,477.
- Ko-We Niderschachtoten G. m. b. H.: *See*—
Koppenberg, Heinrich, and Wenzel. 2,832,681.
- Kowert, Alexander: *See*—
Winterling, Karl H., and Kowert. 2,844,729.
- Koza, John, to General Electric Co. Adjustable galvanometer suspension. 2,823,352, 2-11-58, Cl. 324-154.
- Kozacka, Frederick J.: *See*—
Swain, Kenneth W., and Kozacka. 2,834,852.
- Kozacka, Frederick J., to The Chase-Shawmut Co. Current-limiting fuses with fuse links arranged in radial planes. 2,826,660, 3-11-58, Cl. 200-120.
- Kozacka, Frederick J. Current-limiting low impedance fuses for small current intensities. 2,827,532, 3-18-58, Cl. 200-131.
- Kozacka, Frederick J., to The Chase-Shawmut Co. Fillerless one-time national electrical code fuses. 2,832,868, 4-29-58, Cl. 260-131.
- Kozacka, Frederick J., to The Chase-Shawmut Co. Modular low impedance fuse. 2,847,537, 8-12-58, Cl. 200-135.
- Kozacka, Frederick J., to The Chase-Shawmut Co. Current-limiting fuses for small current intensities. 2,856,488, 10-14-58, Cl. 200-120.
- Kozacka, Frederick J., to The Chase-Shawmut Co. Current-limiting fuses with increased interrupting capacity. 2,866,038, 12-23-58, Cl. 200-120.
- Kozak, Edward, to National Malleable and Steel Castings Co. Car coupler support mechanism. 2,850,178, 9-2-58, Cl. 213-61.
- Kozak, Joseph P. Draft regulator. 2,840,317, 6-24-58, Cl. 236-45.
- Kozak, Peter P., to General Motors Corp. Resiliently mounted ball joint. 2,855,232, 10-7-58, Cl. 287-85.
- Kozan, Stephen M. Cutting device. 2,847,758, 8-19-58, Cl. 30-164.9.
- Kozel, James A.: *See*—
Rimsha, Victor E., Kozel, Cervený, and Wolf. 2,863,628.
- Kozłowski, Felix, and F. A. Pearson, to Eagle Signal Corp. Delayed circuit closers. 2,820,860, 1-21-58, Cl. 200-39.
- Kozinski, Joseph, to H. G. Fischer & Co. Therapeutic pulsing system. 2,861,564, 11-25-58, Cl. 128-24.05.
- Kozioł, Bernard J., to Arvey Corp. Packaging means. 2,858,014, 10-28-58, Cl. 206-47.
- Kozlcevar, Mary. Thread holder. 2,819,853, 1-14-58, Cl. 242-125.2.
- Kozłowski, Frank J.: *See*—
Jovanovich, Drago K. 2,856,788.
- Kozlovic, John M., to Westinghouse Electric Corp. Circuit interrupters. 2,831,947, 4-22-58, Cl. 200-147.
- Kozłowski, Rudolph, and J. J. Conti. Plumbing ferrule. 2,845,631, 8-5-58, Cl. 4-1.
- Kozma, Louis, to Johnson & Johnson. Air recirculation. 2,854,703, 10-7-58, Cl. 19-89.
- Kozu, Yoshiharu: *See*—
Abe, Matazo, Yamano, Kozu, and Kusumoto. 2,835,675.
- Kozub, Stanley S. Golf ball and tee holder. 2,846,077, 8-5-58, Cl. 211-14.
- Kozul, Andrew J.: *See*—
Metzner, Albert W., and Kozul. 2,819,782.
- Kozul, Albert W., Kozul, and Boesch. 2,839,176.
- Kraay, Robert A., and E. J. Reiner, to Western Electric Co., Inc. Control for wire feed. 2,828,455, 3-25-58, Cl. 318-6.
- Kraayeveld, Pieter J., to North American Philips Co., Inc. Circuit for measuring radiation intensities. 2,838,679, 6-10-58, Cl. 250-83.6.
- Kracht, Otto, and H. Schumacher, to Kracht Pumpen- und Motorenfabrik G. m. b. H. Automatic air volume control for liquid supply systems. 2,845,082, 7-29-58, Cl. 137-209.
- Kracht Pumpen- und Motorenfabrik G. m. b. H.: *See*—
Kracht, Otto, and Schumacher. 2,845,082.
- Kracker, Herbert, and K. Gengnagel, to Farbwerke Hoechst Akt. vormals Meister Lucius & Brüning. Mono-azodyestuffs insoluble in water. 2,848,447, 8-19-58, Cl. 260-157.
- Kradoska, Edward C. Lock seam unrolling machine. 2,845,887, 8-5-58, Cl. 113-1.
- Kraehenbuehl, Emil, to Ciba Ltd. Process for the production of complex copper compounds of direct-dyeing dyestuffs on the fiber. 2,840,444, 6-24-58, Cl. 8-72.
- Kraemer, Julius H., to Dyer Corp. Methods and apparatus for manufacturing ornamental articles. 2,858,597, 11-4-58, Cl. 29-10.
- Kraemer, William D. Apparatus including a rotating part for forming flanges on tubular material. 2,819,697, 1-14-58, Cl. 113-59.
- Kraemer, Willis F. Skein holder. 2,827,247, 3-18-58, Cl. 242-127.
- Kraepelin, Edward O. Container closure. 2,857,068, 10-21-58, Cl. 215-37.
- Kraft, Frederic B., F. K. Roberts, and L. Lorenz, to Anaconda Wire and Cable Co. Packaging of wire. 2,857,116, 10-21-58, Cl. 242-83.
- Kraft, August L.: *See*—
Amerio, Pasquale, and Kraft. 2,842,253.
- Kraft, August L. Tension control device. 2,834,556, 5-13-58, Cl. 242-45.
- Kraft, Elroy J.: *See*—
Lund, James K., and Kraft. 2,827,072.
- Kraft, El Roy J., to The Dole Valve Co. Automatic or manual hot water vent valve assembly. 2,845,080, 7-29-58, Cl. 137-197.
- Kraft Foods Co.: *See*—
Kaufmann, Charles W. 2,835,596.
- Kraft, Herman T., to The General Tire and Rubber Co. Transversely-slitted tire tread. 2,821,231, 1-28-58, Cl. 152-209.
- Kraft, Herman T., to The General Tire and Rubber Co. Tire building machine. 2,838,091, 6-10-58, Cl. 154-9.
- Kraft, Michael. Closet shutoff valve mechanism. 2,862,517, 12-2-58, Cl. 137-417.
- Kraft, Richard A., to Motorola, Inc. Indicator system for series connected elements. 2,859,384, 11-4-58, Cl. 315-135.
- Kraft, Richard A., to Motorola, Inc. Television receiver. 2,863,057, 12-2-58, Cl. 250-36.
- Kraft, Robert E., and J. H. Snodgrass, to Link-Belt Co. Conveyor mechanism. 2,851,148, 9-9-58, Cl. 198-94.
- Krahe, Francis J., and B. M. Neckrich, to United States Steel Corp. Method of continuously annealing steel strip. 2,832,711, 4-29-58, Cl. 148-21.5.
- Krähschütz, Friedrich, to Thoma Co. G. m. b. H. Mounting for the suction tube and the clearer in spinning machines. 2,825,198, 3-4-58, Cl. 57-34.5.
- Krähschütz, Fritz: *See*—
Berberich, Helmut, and Krähschütz. 2,845,139.
- Krahulec, Fred, to A. C. Nielsen Co. System and apparatus for recording the listening habits of wave signal receiver users. 2,838,359, 6-10-58, Cl. 346-22.
- Kraicinski, Charles J., to Randall Graphite Bearing, Inc. Method and apparatus for cold forming spherical tube sections. 2,851,980, 9-16-58, Cl. 113-49.
- Krajewski, Richard M.: *See*—
Wirt, James R., Kelly, and Krajewski. 2,840,474.

- Krakauer, Edwin G., to Kay Mfg. Corp. Clip for sinuous furniture spring. 2,843,192, 7-15-58, Cl. 155-179.
- Krakauer, Edwin G., to Kay Mfg. Corp. Auxiliary furniture spring. 2,851,087, 9-9-58, Cl. 155-179.
- Krakauer, Sidney: *See—*
- Pall, David B., and Krakauer. 2,819,209.
- Krake, Kenneth: *See—*
- Osuch, Francis J., and Krake. 2,843,376.
- Osuch, Francis J., and Krake. 2,843,695.
- Krall, Friedrich, to Schwarzkopf Development Corp. Die structure for forming powder particles into strand-shaped bodies. 2,844,845, 7-29-58, Cl. 18-42.
- Kralovopolska strojirna, Zavod Klementa Gottwalda, narodni podnik: *See—*
- Macku, Vladimir. 2,866,261.
- Kramcsak, Michael, Jr., to The Bassick Co. Caster. 2,847,696, 8-19-58, Cl. 16-20.
- Kramer, Alexander E. Combined pressure relief and pressure indicating device. 2,849,022, 8-26-58, Cl. 137-512.2.
- Kramer, Alphonse J., and C. D. Painter. Carrying carton for cans. 2,851,210, 9-9-58, Cl. 229-40.
- Kramer, Carl H., to Ideal Aeroplane & Supply Co., Inc. Over and under trestle and bridge set. 2,852,198, 9-16-58, Cl. 238-10.
- Kramer, Charles B., Sr.: *See—*
- Place, Reed, and Kramer. 2,862,253.
- Kramer, Charlotte R.: *See—*
- Rosenthal, Samuel, L. A., and Kramer. 2,845,205.
- Kramer, Clarence F., to Ford Motor Co. Windshield wiper arm mechanism. 2,834,038, 5-13-58, Cl. 15-235.
- Kramer, Clarence F., to Ford Motor Co. Motor vehicle body construction. 2,847,247, 8-12-58, Cl. 296-44.5.
- Kramer, David N., to United States of America, Army. Method and composition for detecting phosphorylating compounds. 2,865,719, 12-23-58, Cl. 23-230.
- Kramer, Gideon: *See—*
- Norrie, Robert C., and Kramer. 2,845,133.
- Kramer, Helmut, to Pintsch Bamag A. G. Machine for reducing a mass of metal chips to smaller pieces. 2,828,923, 4-1-58, Cl. 241-190.
- Kramer, Horace W. Corn picker transporting trailer. 2,832,607, 4-29-58, Cl. 280-63.
- Kramer, Irvin R., to Mercast Corp. Disposable mercury alloy pattern and method of making the same. 2,857,641, 10-28-58, Cl. 22-164.
- Kramer, Leroy A., and L. E. Netherton, to Victor Chemical Works. Stabilized low reaction rate sodium acid pyrophosphate. 2,844,437, 7-22-58, Cl. 23-106.
- Kramer, Le Roy, Jr.: *See—*
- Aller, Edmund R., and Kramer. 2,828,163.
- Kramer, Margaret D., to Esso Research and Engineering Co. Purification of oxo alcohols by anion exchange resins. 2,839,569, 6-17-58, Cl. 260-475.
- Kramer, Matthew J. Drinking receptacle. 2,861,716, 11-25-58, Cl. 220-90.4.
- Kramer, Max J., to Aluminum Co. of America. Directional transducer system. 2,835,827, 5-20-58, Cl. 307-57.
- Kramer, Raymond F.: *See—*
- Underland, Kenneth. 2,859,063.
- Kramer, Samuel G. Kitchen utensil holding devices. 2,849,271, 8-26-58, Cl. 312-350.
- Kramer-Trenton Co.: *See—*
- Goldenberg, David. 2,860,491.
- Kramer, Vance M., and L. W. Carlton. Apparatus for making corrugated rubber tubing and the like. 2,832,096, 4-29-58, Cl. 18-45.
- Krämer, Werner, to Licentia Patent-Verwaltungs-G. m. b. H. Arrangement for stabilizing the voltage of a synchronous alternator. 2,841,755, 7-1-58, Cl. 322-25.
- Kramer, William E., and N. Marusov, to Gulf Research & Development Co. Dispensing apparatus. 2,859,899, 11-11-58, Cl. 222-95.
- Kramer, Wilhelm, E. Hansen, and G. Schieber, to Karl Schmidt G. m. b. H. Piston. 2,865,348, 12-23-58, Cl. 123-41.35.
- Kramis, Charles J., to E. I. du Pont de Nemours and Co. Process for separation of methylamines. 2,848,386, 8-19-58, Cl. 202-39.5.
- Kramp, Edward, and A. J. Lowdermilk, Jr., to The Goodyear Tire & Rubber Co. Manufacture of floor mat. 2,850,423, 9-2-58, Cl. 154-127.
- Kranich, Frederick J. Zinc-tin solder for aluminum. 2,864,733, 12-16-58, Cl. 148-24.
- Krantz, Frank M., and H. L. Jackson, to United States of America, Navy. Waveguide coupling. 2,837,723, 6-3-58, Cl. 333-98.
- Krantz, Frank M., and R. F. Huelskamp, to United States of America, Navy. Specialized monocoque construction for radar indicators. 2,839,344, 6-17-58, Cl. 312-7.
- Krantz, Hubert K., to Bell Telephone Laboratories, Inc. Relays. 2,824,266, 2-18-58, Cl. 317-165.
- Krantz, Hubert K., to Bell Telephone Laboratories, Inc. Rotary relay. 2,836,674, 5-27-58, Cl. 200-87.
- Krantz, John C., Jr., R. M. Burgison, and G. P. Hager; said Burgison and said Hager assors. to said Krantz. Nuclearly substituted 8-theophyllines and method of making the same. 2,840,559, 6-24-58, Cl. 260-256.
- Krantz, Leonard J. Oil tank trucks. 2,851,052, 9-9-58, Cl. 137-267.
- Krapcho, John: *See—*
- Lott, William A., and Krapcho. 2,862,965.
- Krapf, John A. Hydraulic control valve mechanism. 2,826,178, 3-11-58, Cl. 121-46.5.
- Krapf, Siegfried. Method of producing agglomerates highly resistant against heat and/or chemical attack. 2,848,324, 8-19-58, Cl. 75-206.
- Krapp, John T. Quickly separable coupling for conduits and the like. 2,821,413, 1-28-58, Cl. 285-18.
- Krasienko, Chester A., to General Electric Co. Bushing support for electrical apparatus. 2,862,044, 11-25-58, Cl. 174-152.
- Krasl, George J., and G. P. McFaul, to Laboratory Equipment Corp. Automatic titration apparatus. Re. 24,553, 10-21-58, Cl. 23-253.
- Krasno, Louis R. Dispenser attachment for bottles. 2,825,492, 3-4-58, Cl. 222-209.
- Krasover, John. Plumb bobs. 2,848,818, 8-26-58, Cl. 33-217.
- Kratovich, Kenneth V., to Phillips Petroleum Co. Analyzer and method of using same. 2,838,586, 6-10-58, Cl. 260-680.
- Kratovil, Edward J.: *See—*
- Cushing, Ira B., Kratovil, and De Rose. 2,830,932.
- Kratt, Gerhard, to International Standard Electric Corp. Translating device for type printing machine. 2,821,570, 1-28-58, Cl. 178-34.
- Kratt, Gerhard, and O. Holstein, to International Standard Electric Corp. Telegraph signal translation mechanism. 2,820,094, 1-14-58, Cl. 178-34.
- Kratt, Gerhard, and O. Holstein, to International Standard Electric Corp. Device to drive circular type-carriers. 2,847,505, 8-12-58, Cl. 178-34.
- Kratt, Gerhard W., to International Standard Electric Corp. Device for the reception and evaluating of telegraph signals. 2,847,504, 8-12-58, Cl. 178-33.
- Kratt, William. Note selector for pitch pipes. 2,837,954, 6-10-58, Cl. 84-456.
- Kratville, Robert E., to T. W. Hallerberg. Indicator lamp test circuit. 2,839,741, 6-17-58, Cl. 340-213.
- Kratz, Eugen: *See—*
- Knieriemen, Jakob, and Kratz. 2,857,870.
- Morlock, Kurt, and Kratz. 2,837,037.
- Kratz, George H. Retainer applying tool. 2,861,330, 11-25-58, Cl. 29-275.
- Kratz, Hans, to Demag-Baggerfabrik G. m. b. H. Hydraulic engine. 2,851,999, 9-16-58, Cl. 121-64.
- Kratz, Howard R., to General Electric Co. Apparatus for accelerating charged particles. 2,829,249, 4-1-58, Cl. 250-27.
- Kratz, Jerrold K.: *See—*
- Barkow, William H., and Kratz. 2,834,901.
- Kratz, Jerrold K., and M. J. Obert, to Radio Corp. of America. Deflection yoke. 2,821,671, 1-28-58, Cl. 317-200.
- Kratz, Ludwig: *See—*
- Zellner, Hugo, Frank, Kratz, and Meinecke. 2,822,323.
- Kraus, Charles E., to Exceleumatic, Inc. Speed changer. 2,837,937, 6-10-58, Cl. 74-804.
- Kraus, Charles E., to Exceleumatic, Inc. Variable speed power transmission mechanisms. 2,850,910, 9-9-58, Cl. 74-190.5.
- Kraus, Charles E. Torus type power transmission. 2,850,911, 9-9-58, Cl. 74-200.
- Kraus, Harry, to Westinghouse Electric Corp. Heating apparatus. 2,844,700, 7-22-58, Cl. 219-35.
- Kraus, Thaddäus, to Geratebau-Anstalt. Method of producing a coated optical filter and the resulting article. 2,861,396, 11-25-58, Cl. 117-33.3.
- Kraus, Wilhelm: *See—*
- Widmer, Gustav, Patzer, Geigy, Kraus, and Hiestand. 2,835,639.
- Widmer, Gustav, Patzer, Geigy, Kraus, and Hiestand. 2,835,641.
- Krause, Anthony V. de V., to Cinema-Television Ltd. Cathode-ray tubes. 2,829,292, 4-1-58, Cl. 313-82.
- Krause, Artur, and F. Nowak, to Kohlscheidungs-Gesellschaft, M. B. H. Radiant tubular boiler. 2,827,022, 3-18-58, Cl. 122-235.
- Krause, Gerhard P., to Baldwin-Lima-Hamilton Corp. Extrusion press mandrel. 2,819,794, 1-14-58, Cl. 207-3.
- Krause, Gerhard P., to Baldwin-Lima-Hamilton Corp. Extrusion press container. 2,820,132, 1-14-58, Cl. 219-36.
- Krause, Gerhard P., to Baldwin-Lima-Hamilton Corp. Metal extrusion. 2,832,468, 4-29-58, Cl. 207-9.
- Krause, Henry M., Jr., to Jersey Production Research Co. Removal of cement from well casing. 2,852,078, 9-16-58, Cl. 166-22.
- Krause, Herbert, to Chicago Forging and Mfg. Co. Hood latch. 2,841,430, 7-1-58, Cl. 292-11.
- Krause, Herbert, to Chicago Forging and Mfg. Co. Hood latch with ratchet locking means. 2,865,668, 12-23-58, Cl. 292-216.
- Krause, Jack H., and R. K. Smith, to Houdry Process Corp. Process for nitrating non-aromatic hydrocarbons. 2,864,870, 12-16-58, Cl. 260-644.
- Krause, Leonard M.: *See—*
- Rogers, Ivor C., and Krause. 2,835,133.
- Krause, Lloyd O., to General Electric Co. Electrical transmission systems and filters therefor. 2,861,245, 11-18-58, Cl. 333-9.
- Krause, Otto J., to Phillips Petroleum Co. Safety cutoff filler nozzle. 2,818,889, 1-7-58, Cl. 141-208.
- Krause, Reuben J. Slidable driver's seat for delivery vehicles. 2,858,877, 11-4-58, Cl. 155-14.

- Krause, Valentin: *See*—
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- Krause, Vern M.: *See*—
Malone, Harry F., and Krause. 2,846,823.
- Krause, Walter O., to Ansul Chemical Co. Indicator for water content of liquids. 2,836,974, 6-3-58, Cl. 73-53.
- Krause, Wayne C. Identification tag. 2,863,235, 12-9-58, Cl. 40-1.5.
- Krauss, Alexander, and R. Automatic fish feeder. 2,858,799, 11-4-58, Cl. 119-5.
- Krauss, Fred W. Lock with cylinder lock controlled dogging means. 2,837,906, 6-10-58, Cl. 70-153.
- Krauss, Leonard: *See*—
Abrams, Israel J., Hughes, and Krauss. 2,824,374.
- Krauss, Maffei A. G.: *See*—
Buddeberg, Walter. 2,845,178.
- Krauss, Randolph: *See*—
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- Krauss, Werner: *See*—
Timmerheil, Helmut, Querengasser, and Krauss. 2,865,735.
- Krauss, Wolfgang W., and T. J. Truman, to Republic Steel Corp. Insulated laminated building panel. 2,855,078, 10-7-58, Cl. 189-34.
- Kraut, Heinrich, and W. Korbel, to Farbenfabriken Bayer Akt. Recovery of kalkalkrein. 2,860,087, 11-11-58, Cl. 167-74.
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- Krautkrämer, Josef and H. 2,838,930.
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- Krautwald, Herbert: *See*—
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- Kravits, Arthur, to "Licencia" Talamanyokat Ertekesito Vallalat. Fuel injection pumps for internal combustion engines. 2,849,997, 9-2-58, Cl. 123-139.
- Kravitz, Norman. Cutter for secondary seal of a stoppered bottle. 2,837,233, 6-3-58, Cl. 215-46.
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- Krawinkel, Guenther H. Electrostatic devices. 2,851,618, 9-9-58, Cl. 310-2.
- Kraybill, Daniel W., to Northrop Aircraft, Inc. Combined resilient press pad and expandable bladder. 2,859,719, 11-11-58, Cl. 113-44.
- Kraybill, Daniel W. Method and apparatus for stretch-forming metal and controlling direction of pull. 2,850,071, 9-2-58, Cl. 153-48.
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- Kreiger, Frank O., deceased, by H. Dana, administrator. Method of making a fruit confection. 2,834,681, 5-13-58, Cl. 99-102.
- Krebs, Ernst W. Heteropolar inductor machines. 2,827,582, 3-18-58, Cl. 310-168.
- Krebs, John, Jr., and D. C. Morris, to Western Electric Co., Inc. Turret-type molding presses. 2,830,323, 4-15-58, Cl. 18-20.
- Krebs, Karl F., and P. F. Urlich, to Union Carbide Corp. Method of producing cellular phenolic resins using aliphatic ethers as blowing agents. 2,845,396, 7-29-58, Cl. 260-2.5.
- Krebs, Luther E.: *See*—
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- Krebs, William A., to American Machine and Metals, Inc. Electric motor frame construction. 2,856,548, 10-14-58, Cl. 310-60.
- Kreer, John G., Jr., to Bell Telephone Laboratories, Inc. Magnetically loaded electrical conductors. 2,825,761, 3-4-58, Cl. 178-45.
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- Kregel, Richard F. Service signal system. 2,825,899, 3-4-58, Cl. 340-366.
- Krehbiel, Daniel F. Weed clearing device for plows. 2,829,579, 4-8-58, Cl. 97-194.
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- Krehl, Willard A., and B. Snyder, to H. B. Bishop. Food composition. 2,860,051, 11-11-58, Cl. 99-54.
- Kreibaum, Otto. Method for the production of molded articles. 2,854,696, 10-7-58, Cl. 18-47.5.
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- Kreidich, John: *See*—
Johnson, Clarence W., and Kreidich. 2,841,076.
- Kreidler, Alfred: *See*—
Hilber, Hanns. 2,841,990.
- Kreidler, Alfred. Apparatus for feeding of pin-shaped bodies with a one-sided center of gravity. 2,823,830, 2-18-58, Cl. 221-171.
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- Kreidler, Otto, to Firma Getrag Getriebe- und Zahnradfabrik G. m. b. H. Adjustable transmission. 2,861,461, 11-25-58, Cl. 74-371.
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- Kreisner, William I. Inscribing device. 2,828,976, 4-1-58, Cl. 282-15.
- Kreissig, Ernst, and O. E. Peter. Connection means. 2,855,228, 10-7-58, Cl. 287-52.
- Kreitchman, Morton A., to Valcor Engineering Corp. Valve assembly. 2,828,937, 4-1-58, Cl. 251-129.
- Kreisel, William J., to Emenee Industries, Inc. Portable xylophone bar support. 2,862,412, 12-2-58, Cl. 84-403.
- Krejci, Joseph C., to Phillips Petroleum Co. Furnace carbon black process and apparatus. 2,865,717, 12-23-58, Cl. 23-209.4.
- Krekeler, Claude B.: *See*—
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- Cartlidge, John R., and Krekeler. 2,826,085.
- Krekeler, Claude B., to The Cincinnati Mine Machinery Co. Cutting chains for mining machinery. 2,822,699, 2-11-58, Cl. 74-250.
- Krekeler, Claude B., and A. O. Bruestle, to The Cincinnati Mine Machinery Co. Bit holder for trapezoidal type cutter bits and manufacture thereof. 2,827,275, 3-18-58, Cl. 262-33.
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- Kreling, Maria-Elisabeth: *See*—
McKay, Arthur F., and Kreling. 2,824,879.
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- Krellner, Walter G., to Stackpole Carbon Co. Silicone insulated dynamoelectric machine. 2,855,528, 10-7-58, Cl. 310-228.
- Kremer, Joseph C., to General Motors Corp. Self-lubricating shell molds. 2,848,772, 8-26-58, Cl. 22-193.
- Kremsh, Adolph. Fishing rod. 2,823,482, 2-18-58, Cl. 43-19.
- Krenke, Vincent G., to Westinghouse Electric Corp. A. C. con-ductor with D. C. magnet construction. 2,825,013, 2-25-58, Cl. 317-165.
- Krenke, Vincent G., to Westinghouse Electric Corp. Electro-magnetic contactor. 2,866,029, 12-23-59, Cl. 200-98.
- Krenzer, Cyri T.: *See*—
Hoitt, Clifford E., and Krenzer. 2,863,414.
- Krepps, James E., Jr., to Sarkes Tarzian, Inc. Universal tuning system for television receivers. 2,836,711, 5-27-58, Cl. 250-20.
- Krepps, James E., Jr., to Sarkes Tarzian, Inc. Antenna input transformer. 2,860,312, 11-11-58, Cl. 336-69.
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- Kreps, Robert W. F., to Shell Development Co. Depolymerization of dicyclopentadiene. 2,831,904, 4-22-58, Cl. 260-666.
- Krespan, Carl G., to E. I. du Pont de Nemours and Co. Bis (fluorethyl) mercurials and method of producing them. 2,844,614, 7-22-58, Cl. 260-431.
- Kress, Bernard H., to Allied Chemical & Dye Corp. Production of reactive organosilanol. 2,827,474, 3-18-58, Cl. 260-448.2.
- Kress, Ralph, to Solar Aircraft Co. Variable nozzle for jet engine. 2,865,165, 12-23-58, Cl. 60-35.6.
- Kresse, Arthur O., to Thompson Products, Inc. Automatic control means for varying the geometry of the air inlet of a jet engine. 2,829,490, 4-8-58, Cl. 60-35.6.
- Kresser, Robert B. Tape dispenser. 2,826,374, 3-11-58, Cl. 242-55.51.
- Kressin, William E. Flexible coupling. 2,830,445, 4-15-58, Cl. 64-14.
- Kressley, Leonard J., and L. K. Frevel, to The Dow Chemical Co. Means for determining the extent of inert impurities in oxygen. 2,829,953, 4-8-58, Cl. 23-254.
- Kressley, Leonard J.: *See*—
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- Kretschmar, George G.: *See*—
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- Kretz, Marcel, to G. Dorand. Control aid. 2,836,986, 6-3-58, Cl. 74-470.
- Kretzmer, Ernest R., to Bell Telephone Laboratories, Inc. Apparatus for compression of television bandwidth. 2,850,574, 9-2-58, Cl. 179-15.55.

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- Kreuter, Kenneth G., to Penn Controls Inc. Electromagnetic valve. 2,838,272, 6-10-58, Cl. 251-130.
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- Kreuthmeir, Donald W., to Heckethorn Mfg. & Supply Co. Electrostatic generator construction. 2,840,729, 6-24-58, Cl. 310-6.
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- Kreutner, Joseph W., to Buensod-Stacey, Inc. Air conditioning apparatus. 2,821,897, 2-4-58, Cl. 98-40.
- Kreutz, Eugen: *See*—
Steinfort, Josef, Kreutz, and Holstein. 2,863,343.
- Kreutzberger, Alfred: *See*—
Grundmann, Christoph J., and Kreutzberger. 2,841,585.
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- Kreutzer, Conradin O., to Fish Products Co. Electrically shocking animals in contact with a predetermined region. 2,818,672, 1-7-58, Cl. 43-17.1.
- Kreutzer, Conradin O., to Fish Products Co. Impulse generator for electric fishing. 2,836,735, 5-27-58, Cl. 307-110.
- Kreutzer, Conradin O., to Fish Products Co. Electro-fishing apparatus. 2,850,832, 9-9-58, Cl. 43-17.1.
- Kreutzer, Conradin O., to Fish Products Co. Electro-fishing method and apparatus involving reduced current. 2,850,833, 9-9-58, Cl. 43-17.1.
- Kridel, Donald J., to Eastman Kodak Co. Photographic bleach composition. 2,843,482, 7-15-58, Cl. 96-60.
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- Kriebel, Elvin L., and E. J. Houdry, to Oxy-Catalyst, Inc. Apparatus for heating gases. 2,840,362, 6-24-58, Cl. 263-19.
- Kriebel, George D.: *See*—
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- Kriebbaum, John P., to Minneapolis Honeywell Regulator Co. Forced air furnace control apparatus. 2,862,666, 12-2-58, Cl. 236-9.
- Krieg, Abraham, to The Cromwell Paper Co. Vapor-phase corrosion inhibitor and wrapping material containing same. 2,829,945, 4-8-58, Cl. 21-2.5.
- Kriegbaum, Otto: *See*—
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- Kriegel, Bernard: *See*—
Muse, John F., and Kriegel. 2,822,150.
- Kriegel, Bernard, to Baker Oil Tools, Inc. Well cementing apparatus. 2,854,081, 9-30-58, Cl. 166-188.
- Krieger, Gardner L.: *See*—
Ruedy, John E., Krieger, and Morten. 2,851,625.
- Krieger, Maurice H., to Art Cap Co., Inc. Cap stay. 2,848,720, 8-26-58, Cl. 2-199.
- Krieger, Robert J., to Titanium Metals Corp. of America. Arc melting crucible. 2,836,412, 5-27-58, Cl. 266-39.
- Krieger, Wilhelm A., to Keuffel & Esser Co. Photosensitive material. 2,822,271, 2-4-58, Cl. 96-75.
- Krieger, Wilhard: *See*—
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Moll, Bernhard, Krieghbaum, and Diem. 2,825,541.
- Krier, Alexander O., J. W. Allen, and D. L. Williams. Leaf crop harvester. 2,855,058, 10-7-58, Cl. 171-42.
- Kriewaldt, Alex A., Chock brake. 2,822,890, 2-11-58, Cl. 188-32.
- Kriewall, William B.: *See*—
Leston, Theodore I., and Kriewall. 2,865,325.
- Kriewall, William B., to Eutectic Welding Alloys Corp. Arc flash preventing coating for welding rods. 2,839,433, 6-17-58, Cl. 117-204.
- Krijger, Pieter: *See*—
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- Krivanovich, Steve. Wheel steering mechanism for camera dollies and the like. 2,842,376, 7-8-58, Cl. 280-91.
- Krimen, Lewis I., and O. L. Norman, to International Minerals & Chemical Corp. Preparation of 3-methyl-1,2-cyclopentanedione. 2,865,962, 12-23-58, Cl. 260-586.
- Krim-Ka Corp.: *See*—
Siehrs, Arthur E. 2,851,258.
- Krimm, Heinrich, to Farbenfabriken Bayer Akt. Process for the production of α -mono-cyanethylated ketones. 2,850,519, 9-2-58, Cl. 260-464.
- Krimmel, Carl P., to G. D. Searle & Co. Alkylthiourea derivatives of kojic acid. 2,851,467, 9-9-58, Cl. 260-345.9.
- Krisel, Frank. Double face angle and set up plate. 2,835,978, 5-27-58, Cl. 33-90.
- Kriss, Robert S.: *See*—
Bixby, William E., and Kriss. 2,831,409.
- Krist, Joseph L. Tobacco lathing machine. 2,847,130, 8-12-58, Cl. 214-5.5.
- Kristensson, Alvy B. Pressure regulator assembly. 2,830,077, 6-17-58, Cl. 137-491.
- Kristiansen, Svend H., to Nordisk Ventilator Co., Aktieselskab. Axial blowers or fans. 2,844,303, 7-22-58, Cl. 230-114.
- Kristiansen, Svend H., to Hi-Press Air Conditioning of America, Inc. Valve adjustment devices. 2,865,209, 12-23-58, Cl. 74-53.
- Kritsch, Erin C.: *See*—
Knutz, William H., Schaffer, and Kritsch. 2,825,752.
- Kritscher, Andrew F., to United States Steel Corp. Apparatus for galvanizing pipe. 2,844,122, 7-22-58, Cl. 118-423.
- Kritz, Jack. Acoustic velocity measuring system. 2,826,912, 3-18-58, Cl. 73-194.
- Kritz, Jack. Apparatus for suppressing undesirable modes in ultrasonic flowmeters. 2,831,348, 4-22-58, Cl. 73-194.
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- Krivit, Samuel: *See*—
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- Kriwaczek, Oscar, to The Belark Tool & Stamping Co. Ltd. Soldering irons. 2,866,069, 12-23-58, Cl. 219-26.
- Krizik-Karlin, vyvojovy zavod, narodni podnik: *See*—
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- Kroc, Robert L., and G. E. Phillips, to Warner-Lambert Pharmaceutical Co. Process for the extraction and purification of relaxin using trichloroacetic acid. 2,852,431, 9-16-58, Cl. 167-74.
- Kroeckel, Alfred J., and R. C. Smith, to Viber Co. Pneumatic vibratory motor. 2,857,143, 10-21-58, Cl. 259-1.
- Kroeckel, Alfred J., and R. C. Smith, to Viber Co. Adjustable weight vibratory motor. 2,857,535, 10-21-58, Cl. 310-81.
- Kroeger, Edward R.: *See*—
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- Kroeger, Frank B., to the United States of America as represented by the Secretary of the Air Force. Variable null circuit for motion pickups. 2,827,787, 3-25-58, Cl. 73-398.
- Kroeger, William J., and G. Schecter. Structure for diverting gases of high velocity. 2,860,663, 11-18-58, Cl. 137-561.
- Kroeker, Sanford P.: *See*—
Lovelady, Isaac W., and Kroeker. 2,832,431.
- Kroemer, John H.: *See*—
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Dietz, Charles H., and Kroemer. 2,819,071.
- Kroemer, John H., and D. D. Tilton, to The Standard Register Co. Strip feeding mechanism. 2,835,489, 5-20-58, Cl. 271-2.4.
- Kroemer, John H., and R. W. Staneck, to The Standard Register Co. Autographic register. 2,851,285, 9-9-58, Cl. 282-7.
- Kroemert, Fred P. Merchandise capsules. 2,858,955, 11-4-58, Cl. 220-4.
- Kroesching, Lester A. Animal food mixer. 2,842,097, 7-8-58, Cl. 119-52.
- Kroger, Ferdinand A., J. C. M. Basart, J. van den Boomgaard, H. J. Vink, J. Bloem, and D. De Nobel, to North American Philips Co., Inc. Method of manufacturing semi-conductive bodies having adjoining zones of different conductivity properties. 2,849,343, 8-26-58, Cl. 148-1.5.
- Kroger, Ferdinand A., and D. de Nobel, to North American Philips Co., Inc. Semi-conductor device with telluride containing ohmic contact and method of forming the same. 2,865,794, 12-23-58, Cl. 117-200.
- Kroger, Marlin G.: *See*—
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- Kroger, Marlin G., to Motorola, Inc. Amplified automatic gain control for television receiver. 2,835,795, 5-20-58, Cl. 250-20.
- Kroger, Marlin G., to Motorola, Inc. Television receiver. 2,844,649, 7-22-58, Cl. 178-7.3.
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- Krogh, Anker E., to Minneapolis-Honeywell Regulator Co. Reversal control for regenerative furnace. 2,851,221, 9-9-58, Cl. 236-15.
- Krogh, Kristian P. Drum sieve with comminuting arms and spraying means therein. 2,846,153, 8-5-58, Cl. 241-62.
- Krogh, Mary P.: *See*—
Krogh, Milton E. 2,857,251.
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- Krogman, Alfred W. Filtering and cooling structure. 2,829,775, 4-8-58, Cl. 210-136.
- Kroh, Else M. E. A. (nee Baehr): *See*—
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- Krohm, Fred A., to The Anderson Co. Windshield wiper arm assembly. 2,844,838, 7-29-58, Cl. 15-255.
- Krohm, Fred A., to The Anderson Co. Windshield wiper arm assembly. 2,844,839, 7-29-58, Cl. 15-255.
- Krohm, Fred A., to The Anderson Co. Windshield wiper fluid motor. 2,844,966, 7-29-58, Cl. 74-97.
- Krohm, Fred A., to The Anderson Co. Pump for use with windshield washer system. 2,845,032, 7-29-58, Cl. 103-148.
- Krohm, Fred A., to The Anderson Co. Windshield wiper arm assembly. 2,860,364, 11-18-58, Cl. 15-255.
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- Krohm, Earl H.: *See*—
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Roth, Julius. 2,864,068.
- Krokos, Raymond M., and J. J. Kostrewa, to Evans Products Co. Handle bar stem. 2,844,396, 7-22-58, Cl. 287-54.
- Kroll, Harley E., and D. O. Benson, to Toro Mfg. Corp. of Minnesota. Safety mower blade. 2,859,581, 11-11-58, Cl. 56-295.
- Kroll, Harry, to Geigy Chemical Corp. Ethylenediamine derivatives and preparation. 2,859,104, 11-4-58, Cl. 71-1.
- Kroll, Harry, and M. Knell, to Geigy Chemical Corp. Hydroxyethyl polycarboxymethyl polyamines. 2,831,885, 4-22-58, Cl. 260-501.
- Kroll, Harry, and M. Dexter, to Geigy Chemical Corp. Process for the manufacture of tetra-sodium ethylenediamine tetraacetate. 2,845,457, 7-29-58, Cl. 260-534.
- Kroll, Harry, and M. Knell, to Geigy Chemical Corp. Polyhydroxyethyl polycarboxymethyl polyamines and chelates. 2,848,469, 8-19-58, Cl. 260-429.
- Kroll, Harry, and F. P. Butler, to Geigy Chemical Corp. Carboxymethylation of primary and secondary amines. 2,860,164, 11-11-58, Cl. 260-534.
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- Kroll, Werner O. H., to Klockner-Humboldt-Deutz Aktiengesellschaft. Mechanical filters for separating dust from gas. 2,829,735, 4-8-58, Cl. 183-58.
- Krom, Donald J.: *See*—
Williams, Herbert D., and Krom. 2,848,705.
- Krom, Myron E., and M. Posin, to Bell Telephone Laboratories, Inc. Line concentrator system. 2,850,576, 9-2-58, Cl. 179-18.
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- Krom, Myron E.: *See*—
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Joel, Amos E., Jr., and Krom. 2,853,562.
- Kromachrode, G. Akt.: *See*—
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- Kromer, Ernest A.: *See*—
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- Kromer, Karl: *See*—
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- Kromex Corp. The: *See*—
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- Kromholz, Edward J. Railway switch lock. 2,841,698, 7-1-58, Cl. 246-160.
- Kronschroder, G. Akt.: *See*—
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Schwarz, Karl H., and Drabik. 2,837,119.
- Kromsten, Carl B. Carton with accompanying measuring cup. 2,820,491, 1-21-58, Cl. 141-381.
- Kron, Ernest C., to National Lead Co. Die steel alloy. 2,837,421, 6-3-58, Cl. 75-126.
- Kronacher, Gerald, to Bell Telephone Laboratories, Inc. Multipole pair resolver. 2,866,913, 12-30-58, Cl. 310-111.
- Kronacher, Hermann: *See*—
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Wehrheim, Werner H., Becker, and Kronacher. 2,855,277.
- Krone, Harold A. Cleaning rod. 2,862,218, 12-2-58, Cl. 15-104.16.
- Kronenberg, Max, to The R. K. Le Blond Machine Tool Co. Balancing device. 2,861,471, 11-25-58, Cl. 74-573.
- Kronhaus, Henry. Telescoping support unit. 2,846,171, 8-5-58, Cl. 248-161.
- Kronhaus, Henry. Foldaway tea cart. 2,865,646, 12-23-58, Cl. 280-41.
- Kronholm, Carl A., to Chester Packaging Products Corp. Plastic film extruder. 2,844,846, 7-29-58, Cl. 18-14.
- Kronish, Joseph. Device for washing bedpans and urinals. 2,834,026, 5-13-58, Cl. 4-10.
- Kronsheim, Curt, to E. E. Bellmann, R. Kronsheim, and F. Bellmann. Treating hosiery made of synthetic fibers. 2,848,146, 8-19-58, Cl. 223-51.
- Kronsheim, Ruth: *See*—
Kronsheim, Curt. 2,848,146.
- Kronstad, Haavard. Centrifugal separators. 2,856,072, 10-14-58, Cl. 209-211.
- Kronstein, Max, to Oakite Products, Inc. Increasing the solubility of metal accelerators in phosphatizing solutions. 2,854,369, 9-30-58, Cl. 148-6.15.
- Kronstein, Max, to Oakite Products, Inc. Composition and method for phosphate coating of metal. 2,854,370, 9-30-58, Cl. 148-6.15.
- Krook, Edwin J.: *See*—
Stelma, Gerard N., Krook, and King. 2,845,304.
- Kropp Forge Co.: *See*—
Nelson, John H. 2,822,708.
- Kropseott, Earle L., G. K. Greminger, Jr., and M. A. Weaver, to The Dow Chemical Co. Thermoplastic compositions of water-soluble cellulose ethers. 2,836,505, 5-27-58, Cl. 106-182.
- Krost, Bruce B.: *See*—
McDonald, John. 2,860,685.
- Krotz, Alvin S., to The B. F. Goodrich Co. Hydraulically interconnected spring suspension system. 2,845,280, 7-29-58, Cl. 280-104.
- Krotz, Alvin S., to The B. F. Goodrich Co. Journal bearing assembly. 2,845,309, 7-29-58, Cl. 308-26.
- Krouse, Benjamin F., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,865,224, 12-23-58, Cl. 74-501.
- Krtous, George F.: *See*—
D'Arcy, Ellis, and Krtous. 2,836,423.
- Krubel, Frederick J., to International Harvester Co. Motor truck cab ventilating means. 2,855,838, 10-14-58, Cl. 98-2.
- Kruckeberg, Christian W.: *See*—
Jauch, Robert J., and Kruckeberg. 2,827,524.
- Kruczek, Andrew. Toy steering wheel. 2,847,797, 8-19-58, Cl. 46-1.
- Krueger, Alfred P., to Derby Sealers, Inc. Bag-tying machine. 2,841,935, 7-8-58, Cl. 53-135.
- Krueger, Alfred P., to Derby Sealers, Inc. Tape-dispensing mechanism. 2,866,502, 12-30-58, Cl. 164-42.
- Krueger, Archie S., and N. J. Slye, to Alwin Mfg. Co. Paper towel dispenser. 2,830,728, 4-15-58, Cl. 221-48.
- Krueger, Edwin W. Method of securing wires together. 2,858,858, 11-4-58, Cl. 140-3.
- Krueger, Leslie: *See*—
Winther, Simon P. 2,828,539.
- Krueger, Robert G., to Power Products Corp. Switch contact positioning device. 2,820,856, 1-21-58, Cl. 200-21.
- Krueger, Theodore H., to Better Packages Inc. Tape dispensers with slitters. 2,822,046, 2-4-58, Cl. 164-39.
- Krueger, Theodore H., to Better Packages Inc. Feed control for strip dispenser. 2,849,067, 8-26-58, Cl. 164-49.
- Krueger, Theodore H., and E. E. Sharpe, to Better Packages, Inc. Tacky tape dispenser with tape straightening means. 2,849,065, 8-26-58, Cl. 164-39.
- Krueger, Waverly D.: *See*—
Clemence, Le Roy W., Leffler, and Krueger. 2,843,614.
- Krug, Albert E., to Becton, Dickinson and Co. Venting needle. 2,833,281, 5-6-58, Cl. 128-221.
- Krug, Julius, to Kohlenscheidungs-Gesellschaft, m. b. H. Pulverized coal firing system. 2,833,230, 5-6-58, Cl. 110-28.
- Krug, Julius, to Kohlenscheidungs-Gesellschaft, m. b. H. Pulverizing system for moisture laden fuels. 2,849,968, 9-2-58, Cl. 110-106.
- Krug, Peter: *See*—
Thienemann, Heinz, and Krug. 2,822,306.
- Krug, Robert H.: *See*—
Tierney, Raymond B., and Krug. 2,866,755.
- Krug, Robert H., and O. C. Elmer, to The Texas Co. Extreme pressure lubricant. 2,844,538, 7-22-58, Cl. 252-51.
- Kruger, Cyril. Necktie rack. 2,831,581, 4-22-58, Cl. 211-104.
- Kruger, Cyril. Necktie rack. 2,848,114, 8-19-58, Cl. 211-49.
- Kruger, Hans. Movement transmission device. 2,827,791, 3-25-58, Cl. 74-44.
- Kruger, Michael H., to A. L. Smith Iron Co. Light-shielding grid. 2,854,103, 9-30-58, Cl. 189-82.
- Kruger, Michael H., to A. L. Smith Iron Co. Supports for suspending fluorescent lighting fixtures. 2,854,205, 9-30-58, Cl. 248-343.
- Kruger, Michael H., to A. L. Smith Iron Co. Luminous sound absorbing ceiling. 2,854,565, 9-30-58, Cl. 240-9.
- Kruthof, Jakob, L. J. G. Nys, and J. L. J. Donceel, to International Standard Electric Corp. Electric switch. 2,822,431, 2-4-58, Cl. 179-27.54.
- Kruk, Gerrit, to N. V. Springitz. Method of breaking formation of solid deposits. 2,840,365, 6-24-58, Cl. 263-45.
- Krukonis, Alexander C.: *See*—
Dolbeare, Edwin F., and Krukonis. 2,856,965.
- Krull, Alfred E. Barbecue oven and grill, stationary or portable. 2,826,984, 3-18-58, Cl. 99-446.
- Krüll, Georg: *See*—
Becker, Wilhelm, Krüll, and Noe. 2,864,487.
- Krull, Ruth M. Fish cleaning device. 2,860,371, 11-18-58, Cl. 17-5.
- Krumme, Walter, to W. Ferd Klingenberg Sohne. Gear generating apparatus. 2,823,448, 2-18-58, Cl. 29-105.
- Krupen, Philip. Energizer. 2,825,863, 3-4-58, Cl. 320-1.
- Kruper, Andrew P.: *See*—
Roberts, William L., and Kruper. 2,821,637.
- Kruper, Andrew P., to Westinghouse Electric Corp. Phototransistor light detector. 2,862,109, 11-25-58, Cl. 250-211.
- Kruper, Andrew P., W. L. Roberts, G. A. Kuntz, and C. H. Jones, to Westinghouse Electric Corp. Color television tube. 2,840,738, 6-24-58, Cl. 313-78.
- Kruper, Andrew P., and C. H. Jones, to Westinghouse Electric Corp. Color television tube. 2,862,141, 11-25-58, Cl. 315-21.
- Krupick, Walter J., to Kearfoot Co., Inc. Floated gyro. 2,856,777, 10-21-58, Cl. 74-5.4.
- Krupotich, Edward: *See*—
Shallenberger, Frank K., Krupotich, and Bingham. 2,865,066.
- Krupp, Robert F.: *See*—
Wardell, Lynwood A., and Krupp. 2,850,190.
- Krupp, Robert F., and R. C. Oliver, to Gerber Products Co. Jar handling machine. 2,818,987, 1-7-58, Cl. 214-309.
- Krupp, Robert F., and J. K. Wagner, to Gerber Products Co. Glass jar washing machine. 2,826,207, Cl. 134-62.
- Krupp, Robert F., and J. K. Wagner, to Gerber Products Co. Single filing machine. 2,865,490, 12-23-58, Cl. 198-30.
- Kruschik, Julius, to Rich, Klingler Akt. Valves. 2,856,961, 10-21-58, Cl. 137-625.37.
- Kruse, Carl W., to Phillips Petroleum Co. Method for producing esters of heterocyclic nitrogen carboxylic acids. 2,852,519, 9-16-58, Cl. 260-287.

- Kruse, E. A.: *See*—
Haring, Ivan P., 2,836,025.
Kruse, Hugo W., to E. A. Morsbach. Fishing float. 2,843,967, 7-22-58, Cl. 43-44-95.
Kruse, John R., Jr., to Diamond Power Specialty Corp. Interlocked timer. 2,845,535, 7-29-58, Cl. 250-36.
Kruse, Melvin S. Retractable plumb bob. 2,849,805, 9-2-58, Cl. 33-217.
Kruse, Olan E. Educational apparatus. 2,826,628, 3-11-58, Cl. 136-173.
Kruse, Torvald. Limit stop for bed operating mechanism. 2,843,240, 7-15-58, Cl. 192-143.
Krutmeijer, Karl G. S., to Aktiebolaget Scania-Vabis. Tool for mounting anti-friction bearings. 2,852,838, 9-23-58, Cl. 29-201.
Kruysman, Nicholas L. Fasteners. 2,847,155, 8-12-58, Cl. 229-77.
Kruysman, Nicholas L. Fastener. 2,849,172, 8-26-58, Cl. 229-77.
Kruzic, John F.: *See*—
Clough, Robert C., Graf, and Kruzic. 2,841,822.
Kruzic, John F., to Western Electric Co., Inc. Electrical control systems. 2,822,929, 2-11-58, Cl. 212-21.
Krstosek, Joseph W. Dispensing tube apparatus. 2,851,194, 9-9-58, Cl. 222-99.
Kryzer, Benjamin H., to The Lindsay Co. Control for water softening apparatus. 2,855,042, 10-7-58, Cl. 161-7.
Krzesinski, Boleslaw: *See*—
Finlayson, Donald, Harcolinski, and Krzesinski. 2,831,748.
Finlayson, Donald, and Krzesinski. 2,862,785.
Finlayson, Donald, Krzesinski, and Harcolinski. 2,837,437.
Krzikalla, Hans: *See*—
Pohlemann, Heinz, Krzikalla, Flieg, and Pfaff. 2,829,037.
Krzyszowski, Leszek J. K., to Pennsalt Chemicals Corp. Diaphragm cells. 2,860,100, 11-11-58, Cl. 204-252.
Ksieski, Kazimierz T., to Aero Supply Mfg. Co., Inc. Valve with inertia locking mechanism. 2,837,103, 6-3-58, Cl. 137-38.
Ksieski, Kazimierz T., to Aero Supply Mfg. Co., Inc. Aircraft tank vent valve. 2,845,937, 8-5-58, Cl. 137-38.
Kuba, Samuel, to Western Electric Co., Inc. Assembly apparatus. 2,821,015, 1-28-58, Cl. 29-203.
Kuba, Samuel, to Western Electric Co., Inc. Lead forming apparatus. 2,825,368, 3-4-58, Cl. 140-71.5.
Kuba, Samuel, to Western Electric Co., Inc. Holding fixture. 2,842,370, 7-8-58, Cl. 279-46.
Kuba, Samuel, and D. S. Magargee, to Western Electric Co., Inc. Wire bending apparatus. 2,844,171, 7-22-58, Cl. 140-71.
Kubatzy, Theodore O.: *See*—
Kubatzy, Woodrow P. and T. O. 2,823,773.
Kubatzy, Woodrow P. and T. O., to Winco Ventilator Co. Window and screen construction. 2,823,773, 2-18-58, Cl. 189-66.
Kubera, Gerhard, to Alfred Teves Maschinen- und Armaturenfabrik K. G. Steel alloy usable for valve seats and the like. 2,823,993, 2-18-58, Cl. 75-126.
Kubick, Harry A.: *See*—
Rugg, Gordon S., and Kubick. 2,855,833.
Kubick, Heinz: *See*—
Fischer, Josef, and Kubick. 2,849,561.
Kubik, John: *See*—
Kubik, Stanley S. and J. 2,818,577.
Kubik, Stanley S. and J. 2,819,004.
Kubik, John T. and S. S. Manually operated serrated lid remover for screw threaded containers. 2,818,754, 1-7-58, Cl. 81-344.
Kubik, Paul P., to The Yale & Towne Mfg. Co. Deadlocking latchbolt for cylindrical lock. 2,865,666, 12-23-58, Cl. 292-163.
Kubik, Paul P. and R. W. Schmid, to The Yale & Towne Mfg. Co. Anti-rap cylindrical lock. 2,836,452, 5-27-58, Cl. 292-169.
Kubik, Stanley S.: *See*—
Kubik, John T. and S. S. 2,818,754.
Kubik, Stanley S. and J. Foot support for shower baths. 2,818,577, 1-7-58, Cl. 4-146.
Kubik, Stanley S. and J. Outside spare tire mounting for station wagons and trucks. 2,819,004, 1-7-58, Cl. 224-42.21.
Kubin, Charles. Hook extractor. 2,861,384, 11-25-58, Cl. 43-53.5.
Kubler, Donald G.: *See*—
Hoaglin, Raymond I., and Kubler. 2,840,612.
Kubler, Donald G., and A. E. Montagna, to Union Carbide Corp. Process for the preparation of 3,4-dihydro-1,2-dipyrans. 2,858,322, 10-28-58, Cl. 260-345.1.
Kübler, Friedrich, to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Textile drawing mechanism. 2,865,056, 12-23-58, Cl. 19-135.
Kubler, Hermann O. G., and O. Boehmann, to Barmer Maschinenfabrik Akt. Thread tensioning device for a spindle. 2,836,377, 5-27-58, Cl. 242-150.
Kubovy, Joseph V., to Pitney-Bowes, Inc. Postage printing tape adapter. 2,863,390, 12-9-58, Cl. 101-407.
Kucera, Henry T. Plural situ temperature responsive controller. 2,828,920, 4-1-58, Cl. 236-9.
Kucera, Henry T. Weather modified time controlled temperature regulator. 2,832,870, 4-29-58, Cl. 200-136.3.
Kucera, Henry T. Heat control apparatus controlled by outside temperature. 2,862,081, 11-25-58, Cl. 200-140.
Kucera, Joseph B., to Food Machinery and Chemical Corp. Three wheeled vehicle having a high arched front frame. 2,818,929, 1-7-58, Cl. 180-25.
Kucera, Joseph B. Three-wheeled vehicle having a high arched front frame. 2,818,930, 1-7-58, Cl. 180-25.
Kuceski, Vincent P.: *See*—
Hill, Norman C., and Kuceski. 2,824,134.
Hill, Norman C., and Kuceski. 2,831,883.
Hill, Norman C., and Kuceski. 2,858,335.
Hill, Norman C., and Kuceski. 2,858,336.
Kuceski, Vincent P., to The C. P. Hall Co. Purification of alpha, omega alkanedioic acids by partial esterification. 2,824,122, 2-18-58, Cl. 260-485.
Kuceski, Vincent P., to The C. P. Hall Co. of Illinois. Separation of dicarboxylic acids. 2,824,123, 2-18-58, Cl. 260-485.
Kucharski, Thaddeus W., to General Dynamics Corp. Combined cradle and switch actuator. 2,848,554, 8-19-58, Cl. 179-100.
Kuchinski, Edward S. Automobile roof mounted carrier. 2,828,035, 3-25-58, Cl. 214-450.
Kuchinsky, Saul: *See*—
Fan, Sin-Pih, and Kuchinsky. 2,839,702.
Kuchinsky, Saul, to Burroughs Corp. Analogue-to-digital conversion using cathode ray sampler to control cathode ray coder. 2,848,605, 8-19-58, Cl. 250-27.
Kuchinsky, Saul, and H. Moss, to Burroughs Corp. Multiplexing system. 2,848,647, 8-19-58, Cl. 315-9.
Küchler, Heinz: *See*—
Motz, Jürgen, Küchler, Figge, Kaess, and Mühlberger. 2,837,422.
Kuchler, Karl, to Jagenberg-Werke Akt.-Ges. Ripping or tear-off closure for containers of paper, cardboard or the like material and method of producing the same. 2,858,060, 10-28-58, Cl. 229-51.
Kuck, John H., to United States of America, Navy. Distribution curve analyzer. 2,849,183, 8-26-58, Cl. 235-61.
Kucklinsky, Frederick W., and A. D. Farnow, to Container Equipment Corp. Mechanism for feeding and setting up collapsed cartons. 2,832,592, 4-29-58, Cl. 271-44.
Kuckoff, Ferdinand A.: *See*—
Noland, Royce P., and Kuckhoff. 2,855,199.
Kudar, John C. Continuous motion picture apparatus, composite prism. 2,860,542, 11-18-58, Cl. 88-16.8.
Kudelko, Antonia: *See*—
Kudelko, Arthur E. 2,856,813.
Kudelko, Arthur E., deceased; Antonia Kudelko, administratrix, to Antonia Kudelko. Spectacle frame with adjustable bridge and temples. 2,856,813, 10-21-58, Cl. 88-41.
Kuder, Milton L., E. C. Palasky, M. L. Greenough, and S. R. Gifford, to the United States of America as represented by the Secretary of Commerce. Automatic coin weighing machine. 2,826,079, 3-11-58, Cl. 73-432.
Kuder, Theodore L., and R. W. Reeves, to Congoleum-Nairn Inc. Flexible hard surface floor and wall coverings and process therefor. 2,856,315, 10-14-58, Cl. 117-76.
Kudravez, Michael K., and H. B. Greene, to United States of America, Atomic Energy Commission. Isotope separating apparatus. 2,852,687, 9-16-58, Cl. 250-41.9.
Kudszus, Helmut: *See*—
Walach, Bruno, and Kudszus. 2,827,501.
Kuebler, Robert A., to General Electric Co. Contact pin and method for fluorescent lamps. 2,841,690, 7-1-58, Cl. 219-100.
Kuebler, Robert A., to General Electric Co. Electric incinerator. 2,855,494, 10-7-58, Cl. 219-19.
Kuebler, Thomas L., and C. J. Schmoek, to Uniflow Mfg. Co. Beverage cooling device. 2,860,492, 11-18-58, Cl. 62-185.
Kuecken, John A., to United States of America, Navy. Wave guide switch mechanism. 2,865,005, 12-16-58, Cl. 333-7.
Kuefner, Herbert H., to The Herbert Co. Marker. 2,835,994, 5-27-58, Cl. 40-10.
Kuehl, Frederick A., Jr.: *See*—
Brink, Norman G., Kuehl, and Folkers. 2,844,511.
Kuehl, Frederick A., Jr., to Morck & Co., Inc. Benzamide and acetamido 4-amino-3-isoxazolidones and alkylated derivatives. 2,845,432, 7-29-58, Cl. 260-307.
Kuehl, Melvin K.: *See*—
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Kuehn, Paul C. Centrifugally engaged friction clutch mechanism. 2,859,847, 11-11-58, Cl. 192-105.
Kuehn, Rudolph L., and C. J. Munsey, to Hycon Mfg. Co. Sweep generator. 2,863,055, 12-2-58, Cl. 250-27.
Kuehne, Martin E., to Ciba Pharmaceutical Products, Inc. Preparation of pentacyclic lactones. 2,857,385, 10-21-58, Cl. 260-286.
Kuehne, William A. Extravertive closure. 2,857,074, 10-21-58, Cl. 220-24.
Kuehni, Erwin J., C. F. Sutherland, and F. Baumberger; said Kuehni and Sutherland to Miniature Organ Enterprises, Inc. Musical Christmas tree stand. 2,825,255, 3-4-58, Cl. 84-83.
Kuen, Franz M. Antimicrobial preservative. 2,842,441, 7-8-58, Cl. 99-48.
Kueneman, Don: *See*—
Kueneman, John R. and D. 2,861,749.
Kueneman, John R. and D. Swinging jaw mounting and lubricating means. 2,861,749, 11-25-58, Cl. 241-262.
Kuenstner, Robert C., and D. J. Crawford, to International Business Machines Corp. Transformer coupled cathode follower. 2,841,706, 7-1-58, Cl. 250-27.

- Kuerston, Richard D.: *See*—
Hachmuth, Karl H., Kuerston, McIntire, and Shelton. 2,826,266.
- Kueser, John J., to Knapp-Monarch Co. Switch blade construction. 2,831,090, 4-15-58, Cl. 200—138.
- Kueser, John J., to Knapp-Monarch Co. Electric baker. 2,856,501, 10-14-58, Cl. 219—35.
- Kueser, John J., to Knapp-Monarch Co. Cooker with removable control. 2,856,508, 10-14-58, Cl. 219—44.
- Kuester, Harlan D., and G. E. Tinkess, to Cockshutt Farm Equipment Ltd. Planting device. 2,854,933, 10-7-58, Cl. 111—34.
- Kufner, Georg. Interlining fabric for wearing apparel. 2,855,005, 10-7-58, Cl. 139—420.
- Kugel, Fritz K., to J. M. Voith G. m. b. H. Drive for use in connection with electrically operated self propelled vehicles. 2,839,011, 6-17-58, Cl. 105—96.2.
- Kugel, Wilhelm: *See*—
Gunkler, Paul, Vollmer, and Kugel. 2,845,556.
- Kugelfischer Georg Schafer & Co.: *See*—
Eschmann, Paul. 2,864,658.
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- Kugler, Edwin R. Drum handling apparatus. 2,842,275, 7-8-58, Cl. 214—653.
- Kugler, Heinz W., to the United States of America as represented by the Secretary of the Army. Spring-pressed surgical instrument. 2,818,852, 1-7-58, Cl. 128—2.
- Kugler, Heinz W., and A. L. Lorincz. Surgical skin-treating device. 2,819,717, 1-14-58, Cl. 128—303.
- Kugler, Keith. Pumps. 2,836,119, 5-27-58, Cl. 103—23.
- Kuhagen, Fred W., to Whirlpool Corp. Electric motor unit. 2,838,701, 6-10-58, Cl. 310—83.
- Kuhar, Ludwig J., to The Singer Mfg. Co. Clamp-washers for hand wheel clutches of sewing machines. 2,858,785, 11-4-58, Cl. 112—220.
- Kühbas, Engelbert: *See*—
Arnold, Herbert, Kühbas, and Brock. 2,857,395.
- Kühfuss, Runkwilt: *See*—
Biel, Hans, Kühfuss, and Rusehke. 2,825,605.
- Kühle, Engelbert, R. Wegler, and F. Grewe, to Farbenfabriken Bayer Akt. Perchloro-methyl-mercaptan derivatives and productions. 2,844,628, 7-22-58, Cl. 260—551.
- Kühle, Engelbert, R. Wegler, and F. Grewe, to Farbenfabriken Bayer Akt. Trichloromethyl-sulphonic acid esters of cyclic oximides and their production. 2,846,442, 8-5-58, Cl. 260—326.
- Kühle, Engelbert, R. Wegler, and F. Grewe, to Farbenfabriken Bayer Akt. Fungicidal composition comprising an O-carboxylic acid ester of a cyclic oximide. 2,863,801, 12-9-58, Cl. 167—33.
- Kuhles, Edward K. Liquid level control. 2,853,093, 9-23-58, Cl. 137—434.
- Kuhlman, Carl E.: *See*—
Myers, Chester G., Kuhlman, and Beckner. 2,843,306.
- Kuhlman, Leo E. Resilient floor construction. 2,823,427, 2-18-58, Cl. 20—6.
- Kuhlman, Ora F.: *See*—
Moore, David W., and Kuhlman. 2,827,536.
- Kuhlmann, Edgar E. Fishing floats. 2,847,792, 8-19-58, Cl. 43—44.9.
- Kuhlmann, Harvey V.: *See*—
Mowers, Lloyd W., and Kuhlmann. 2,845,243.
- Kuhlmann, Walter, to North American Philips Co. High-frequency heating device. 2,824,940, 2-25-58, Cl. 219—10.55.
- Kuhls, Erich: *See*—
Gustke, Klaus, and Kuhls. 2,850,245.
- Kuhn, Alfred R., to Murray Mfg. Corp. Electric meter by-pass arrangement. 2,838,626, 6-10-58, Cl. 200—51.1.
- Kuhn, Alfred R., and F. T. Hill, to Murray Mfg. Corp. By pass arrangement for an electrical meter mount. 2,838,627, 6-10-58, Cl. 200—51.1.
- Kuhn, Beryl M., and W. J. Zybert, to Allied Chemical Corp. Method for polymerizing vinyl chloride. 2,847,410, 8-12-58, Cl. 260—92.8.
- Kuhn, Clarence W.: *See*—
Dries, Jerome F., and Kuhn. 2,829,216.
- Kuhn, Donald H., and M. A. Johnson, to General Electric Co. Signal processing arrangement. 2,858,435, 10-28-58, Cl. 250—27.
- Kuhn, Georges, to Mefina S. A. Impact fuzes with mechanical retardation. 2,825,284, 3-4-58, Cl. 102—71.
- Kuhn, Gotthard: *See*—
Berthmann, Adolf, and Kuhn. 2,829,036.
- Kuhn, Hausenrich: *See*—
Hopff, Heinrich, Kuhn, and Hoffmann. 2,822,403.
- Kuhn, Henry S., to Rotheria Engineering Co., Inc. Variable length joint with balls and sockets for universal movement. 2,845,283, 7-29-58, Cl. 285—166.
- Kuhn, James O., to Bromo-Mint Co., Inc. Toy airplane. 2,820,321, 1-21-58, Cl. 46—81.
- Kuhn, John W. Condiment dispenser. 2,821,331, 1-28-58, Cl. 222—457.5.
- Kuhn, Max: *See*—
Matter, Max, Kohler, and Kuhn. 2,857,419.
Matter, Max, Kohler, Kuhn, and Michel. 2,857,418.
- Kuhn, Paul, to Pathe Equipment Co., Inc. Clamp and guide for elastic thread. 2,831,445, 4-22-58, Cl. 112—254.
- Kuhn, Paul G.: *See*—
Heer, Ralph W., Mundy, and Kuhn. 2,847,917.
- Kuhn, Robert A., and C. A. Hanser, to American Electrical Heater Co. Steam iron. 2,825,158, 3-4-58, Cl. 38—77.
- Kuhn, Robert E.: *See*—
Rose, Werner P., and Kuhn. 2,862,582.
- Kuhn, William A., Jr., to Houdaille Industries, Inc. Flutter damper with thermostatic valve. 2,851,128, 9-9-58, Cl. 188—93.
- Kuhn, William A., Jr., to Houdaille Industries, Inc. Dashpot with porous metal valve. 2,853,159, 9-23-58, Cl. 188—94.
- Kuhne, Clarence A.: *See*—
Emerson, William A., Brown, and Kuhne. 2,840,677.
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- Kuhne, Paul K.: *See*—
Cantrell, Troy L., French, and Kuhne. 2,863,742.
Cantrell, Troy L., Kuhne, and Peters. 2,863,746.
Cantrell, Troy L., Kuhne, and Peters. 2,863,747.
- Kühnelt, Wolfgang: *See*—
Cuscolella, Otwin, Grohs, Rösner, and Kühnelt. 2,851,351.
- Kuhner, Gilbert R., to The Jeffrey Mfg. Co. Vibrating feeder control circuit. 2,862,164, 11-25-58, Cl. 318—132.
- Kuhner, Max H., to Riley Stoker Corp. Multiple expansion power plant using steam and mixture of steam and combustion products. 2,832,194, 4-29-58, Cl. 60—39.17.
- Kuhner, Max H., to Riley Stoker Corp. Air heater. 2,838,287, 6-10-58, Cl. 257—224.
- Kuhnert, Paul: *See*—
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- Kuhnke, Ervin E. Arched doorway and door. 2,842,808, 7-15-58, Cl. 20—19.
- Kuhns, Austin H., to Farrel-Birmingham Co., Inc. Machine for grinding double helical gears. 2,843,977, 7-22-58, Cl. 51—142.
- Kuhnmeyer, Carl A.: *See*—
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- Kuhrt, Friedrich, to Siemens-Schuckertwerke Aktiengesellschaft. Broad-area resistance body for ball generators. 2,825,858, 3-4-58, Cl. 317—235.
- Kuhrt, Friedrich, to Siemens-Schuckertwerke Akt. Hall voltage device for translating electric magnitudes. 2,862,189, 11-25-58, Cl. 332—51.
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- Kuiper, Gerhard C. R., and J. W. Pyruo, to General Motors Corp. Folding top with inwardly collapsing side rails. 2,860,913, 11-18-58, Cl. 296—107.
- Kuipers, Jack B., to R. C. Allen Business Machines, Inc. Gyroscopic structure. 2,829,521, 4-8-58, Cl. 74—5.5.
- Kuipers, Jack B., to Lear, Inc. Damping means for a rate gyroscope. 2,851,886, 9-16-58, Cl. 74—5.5.
- Kujawa, Leo J.: *See*—
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- Kukenthal, Hans: *See*—
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- Kukuchek, George S., and E. S. Hersey, to Shell Development Co. Earth coring apparatus. 2,831,659, 1-22-58, Cl. 255—72.
- Kulbersh, Nathan: *See*—
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- Kulda, Richard J.: *See*—
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- Kulik, Sigmund A. Self checking hat and coat locker. 2,847,265, 8-12-58, Cl. 312—222.
- Kuljian, Harry A. Particle counting optical apparatus. 2,862,415, 12-2-58, Cl. 88—14.
- Kulka Electric Corp.: *See*—
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- Kulka, Eugene R., to Kulka Electric Corp. Lever mount assembly for toggle switches. 2,861,156, 11-18-58, Cl. 200—168.
- Kulka, Thomas S. Protective reel band. 2,822,919, 2-11-58, Cl. 206—52.
- Kulka, Thomas S. Tape retaining and identification means for tape reels. 2,838,167, 6-10-58, Cl. 206—54.
- Kull, Fritz, E. Maag, and W. Steinmann, to Aktiengesellschaft Brown, Boveri & Cie. Exchangeable contact element for disconnect switches and the like. 2,864,922, 12-16-58, Cl. 200—166.
- Kull, Leo. Automatic time switch. 2,825,401, 3-4-58, Cl. 161—1.
- Kull, Walter, to Allwood Inc. Rotary machines for the shredding of wood into shaped particles. 2,822,838, 2-11-58, Cl. 144—221.
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- Küller, Nils-Erik G., and K.-J. T. Thorildsson, to Aktiebolaget Bofors. Electric control system for singly and sequentially firing ballistic missiles. 2,824,496, 2-25-58, Cl. 89—1.7.
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- Kumagai, Joey Y., to The Lincoln Electric Co. Power driven manually held welding apparatus. 2,866,887, 12-30-58, Cl. 219-130.
- Kumagai, Tom T.: *See*—
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- Kumm, Emerson L., to Propulsion Research Corp. Liquid piston expandible chamber motor control system. 2,846,979, 8-12-58, Cl. 121-1.
- Kummel, Robert D., to J. I. Case Co. Discharge port construction for spreader. 2,852,165, 9-16-58, Cl. 222-310.
- Kummer, Gustav. Device on loom. 2,858,856, 11-4-58, Cl. 139-144.
- Kummer, James L.: *See*—
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- Kummer, Joseph T.: *See*—
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- Kummer, Oscar, to Bell Telephone Laboratories, Inc. Distortion reducing tuned amplifier. 2,857,479, 10-21-58, Cl. 179-171.
- Kummer, Theodore H., D. D. Tibbets, and H. E. Knappe, to Cherry-Burrell Corp. Adjustable bottle transfer means. 2,822,911, 2-11-58, Cl. 198-25.
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- Kumml, Jakob. Smoking device. 2,830,597, 4-15-58, Cl. 131-171.
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- Kumpf, Emil. Automatic dispenser for drinking straws. 2,846,117, 8-5-58, Cl. 221-196.
- Kumpuan, Daniel F. Mixing, distributing and volume controlling valve. 2,847,027, 8-12-58, Cl. 137-597.
- Kunro, Howard W., and F. G. Moore, to Worthington Corp. Adjustable pitch sheave. 2,855,787, 10-14-58, Cl. 74-230.17.
- Kuna, Martin, to Bristol-Myers Co. Resin laxative tablets containing hydrolyzed keratin. 2,854,381, 9-30-58, Cl. 167-82.
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- Kunda, Vasyli: *See*—
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- Kundert, Alex. Safety seal closures. 2,864,521, 12-16-58, Cl. 215-42.
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- Kundiger, Donald G.: *See*—
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- Kundiger, Donald G., and E. B. W. Ovist, to The Dow Chemical Co. Chlorination of 1,1,1,3-tetrachloro-2-methyl-2-alkanois with sulfuryl chloride. 2,822,408, 2-4-58, Cl. 260-633.
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- Kunkle, Charles. Arm lift bracket and shaft for flush valve mechanisms. 2,856,610, 10-21-58, Cl. 4-67.
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- Kunnas, Eric, Jr., to Holland-Rantos Co., Inc. Vaginal diaphragm. 2,823,669, 2-18-58, Cl. 128-127.
- Kunnes, Herbert W., to Bendix Aviation Corp. High speed magnetic amplifier. 2,820,156, 1-14-58, Cl. 310-106.
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- Kunz, John H., Jr., to The American Brass Co. Method and apparatus for heat treating metal stock. 2,813,511, 7-15-58, Cl. 148-13.
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- Kunz, Willi: *See*—
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- Kunze, William A. R. Hair curling and waving device. 2,865,382, 12-23-58, Cl. 132-49.
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- Kunzel, Horst. Back rest arrangement. 2,843,190, 7-15-58, Cl. 155-178.
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- Kunzier, William S., and C. W. Robertshaw, to Robertshaw-Fulton Controls Co. Thermostatic regulator. 2,822,134, 2-4-58, Cl. 236-99.
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- Kuper, Rudolph R. Material unloading machine. 2,866,564, 12-30-58, Cl. 214-164.
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- Kupka, Edward P., to General Motors Corp. Variable angle magnetic drive. 2,840,731, 6-24-58, Cl. 310-105.
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- Kuppersmith, Fred W., to Eureka Williams Corp. Rug nozzle. 2,858,561, 11-4-58, Cl. 15-382.
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- Kura, John G., to The Battelle Development Corp. Method of casting metal in a mold containing vinyl aromatic binders. 2,854,715, 10-7-58, Cl. 22-103.
- Kurashiki Rayon Co. Ltd.: *See*—
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- Kurek, Edwin J., to The Pyle-National Co. Combination light fixture and ventilating apparatus. 2,845,854, 8-5-58, Cl. 98-40.
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- Kurihara, Minoru, to Consolidated Sewing Machine Corp. Automatic shuttle race cleaner. 2,842,081, 7-8-58, Cl. 112-192.
- Kurilenko, Alexander. Safety latch for vehicle doors. 2,826,444, 3-11-58, Cl. 292-177.
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- Kurka, Francis A. Trailer frame. 2,836,429, 5-27-58, Cl. 280-29.
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- Wickens, Edward F., and Kurt. 2,845,143.
- Kurth, Franz J., F. Honerkamp, and L. R. Phillips, to Anemostat Corp. of America. Air outlet device for ventilating apparatus. 2,825,274, 3-4-58, Cl. 98-38.
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- Kurtz, Lowell M., to General Electric Co. Sealing device. 2,839,241, 6-17-58, Cl. 230-172.
- Kurtz, Peter, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of β -methyl-glutaconic acid dinitrile. 2,832,797, 4-28-58, Cl. 260-465.8.
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- Kurtze, Gunther, and K. Tamm, to Electro-Sonic Laboratories, Inc. Directional acoustic signal transducer. 2,856,022, 10-14-58, Cl. 181-5.
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- Kuruc, Joseph S. Multiple game or blackboard. 2,844,896, 7-29-58, Cl. 40-102.
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- Kurz, Otto. Device for operatively connecting a dynamo with a wheel hub. 2,834,610, 5-13-58, Cl. 280-289.
- Kurzinski, Edward F.: *See*—
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- Kurzinski, Edward F., to Union Carbide Corp. Flame heating of metal castings to reduce shrinkage cavities. 2,821,760, 2-4-58, Cl. 22-216.
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- Wagner, Henry A., Golar, and Kusa. 2,842,461.
- Kusan Inc.: *See*—
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- Kusel Dairy Equipment Co.: *See*—
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- Kallstrom, Einar V., and Kush. 2,841,815.
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- Kushner, Arnold. Finger nail mask. 2,840,088, 6-24-58, Cl. 132-88.5.
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- Kushner, Samuel: *See*—
- Bach, Frederick L., Jr., Brabander, and Kushner. 2,837,522.
- Kusko, Alexander: *See*—
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- Kussmaul, Walter: *See*—
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- Kuster, V. E.: *See*—
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- Kusumoto Mitsugi: *See*—
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- Kutik, Martin J., to McGraw-Edison Co. Remotely-controlled dictation-recording system. 2,844,664, 7-22-58, Cl. 179-100.1.
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- Kutsch, Mathias. Apparatus for printing strip material. 2,823,605, 2-18-58, Cl. 101-227.
- Kutscher, Horst: *See*—
- Harders, Fritz, Knuppel, Winkler, Brotzmann, and Kutscher. 2,859,262.
- Kutz, Martin J. Luggage carrier. 2,848,148, 8-19-58, Cl. 224-42.1.
- Kutz, Russell L., to Armour and Co. Process for the purification of insulin. 2,826,534, 3-11-58, Cl. 167-75.
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- Kutzler, Robert J., to Minneapolis-Honeywell Regulator Co. Automatic steering mechanism. 2,829,330, 4-1-58, Cl. 318-489.
- Kuyper, Donald J.: *See*—
- Oliver, James F., and Kuyper. 2,864,390.
- Kuyper, Herman S., to Rolscreen Co. Folding door. 2,834,410, 5-13-58, Cl. 160-199.
- Kuzel, Edward: *See*—
- Mahrle, Raymond D., Mackey, and Kuzel. 2,821,146.
- Kuzmick, Paul L. Diamond abrasive element. 2,866,698, 12-30-58, Cl. 51-308.
- Kuzmitz, Andrew A., to Bendix Aviation Corp. Starting fuel control system containing a fuel storage device for gas turbine engines. 2,854,817, 10-7-58, Cl. 60-39.14.
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- Armstrong, Lorne D., and Kuznetsoff. 2,850,444.
- Kuzniar, Edwin A.: *See*—
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- Kvarnstrom, Alfred T., and W. J. Tomlinson, to K & T Engineering & Developing Co. Windshield wiper motor. 2,856,901, 10-21-58, Cl. 121-50.
- Kwake, John P., to Theo. Ross. Container for fluid or semi-plastic materials. 2,841,198, 7-1-58, Cl. 150-2.1.
- Kwantes, Arjen: *See*—
- Keulemans, Aloysius I. M., and Kwantes. 2,824,148.
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- Kwasniewski, George A., to General Mills, Inc. Supporting and crimping mechanism. 2,827,634, 3-25-58, Cl. 1-102.
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- Kwierant, Ernest E.: *See*—
- Jeannero, Russell K., and Kwierant. 2,855,976.
- Kwik Mold Plastic Corp.: *See*—
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- Kwikset Locks, Inc.: *See*—
- Rainman, Joseph C. 2,821,422.
- Unetic, Andrew J., and Ward. 2,828,152.
- Kwolek, Joseph M.: *See*—
- Kwolek, Stephen S. 2,825,989.
- Kwolek, Stephen S., to J. M. Kwolek. Slide frame. 2,825,989, 3-11-58, Cl. 40-152.
- Kyame, George J., to the United States of America as represented by the Secretary of Agriculture. Fiber cleaner. 2,825,097, 3-4-58, Cl. 19-96.
- Kyhl, Robert L., to The Board of Trustees of the Leland Stanford Jr. University, Stanford University. Method for measuring beam current. 2,830,268, 4-8-58, Cl. 324-95.
- Kyker, Glendon D.: *See*—
- McCoy, George, Inman, and Kyker. 2,851,464.
- Kyle, Joseph H., to Armstrong Cork Co. Bin-filling device. 2,863,577, 12-9-58, Cl. 214-17.

- L K B-Produkter Fabriksaktiebolag: *See*—
Svensson, Svante H. 2,821,881.
Svensson, Svante H. 2,851,920.
- L & L Mfg. Co.: *See*—
Ellis, George S. 2,852,281.
Linkert, Howard W. 2,821,207.
- LML Engineering & Mfg. Corp.: *See*—
Schubert Milton V. Jr., and Manago. 2,845,193.
- L. O. F. Glass Fibers Co.: *See*—
Haddox, Edward J. 2,830,648.
Labino, Dominick. 2,823,117.
Labino, Dominick. 2,830,000.
Labino, Dominick. 2,839,424.
Labino, Dominick. 2,843,461.
Labino, Dominick. 2,863,176.
Mottier, Theodore J., and Elton. 2,854,355.
Sherwin, Ralph J. 2,863,612.
Wolfe, Homer L. 2,846,838.
- L-W Chuck Co.: *See*—
Sprink, Harry B. 2,846,907.
- La Cellophane: *See*—
Clement, Joel. 2,840,968.
- La Nationale S. A.: *See*—
Zellveger, Conrad. 2,836,044.
- La Precision Industrielle (Societe Anonyme): *See*—
Gamer, Louis J. M. 2,835,227.
- La Precision Mecanique: *See*—
Raibaud, Jean P. 2,865,292.
- La Spirotechnique, Societe Anonyme: *See*—
Gagnan, Emile. 2,858,829.
- La Telemecanique Electrique (Societe Anonyme): *See*—
Bourdeau, Eusebe A. 2,864,915.
Souchet, Andre A. H. 2,836,683.
- Laa, Friedrich: *See*—
Lampe, Friedrich, and Laa. 2,837,610.
Lampe, Friedrich, and Laa. 2,863,959.
- Laakso, Thomas M.: *See*—
Reynolds, Delbert D., and Laakso. 2,848,439.
Williams, Jack L. R., and Laakso. 2,839,508.
Williams, Jack L. R., and Laakso. 2,848,479.
Williams, Jack L. R., and Laakso. 2,851,443.
Williams, Jack L. R., and Laakso. 2,852,492.
Williams, Jack L. R., and Laakso. 2,861,055.
- Laakso, Thomas M., and D. D. Reynolds, to Eastman Kodak Co. Linear polyesters from 4,4'-dicarbalkoxytolanes. 2,856,384, 10-14-58, Cl. 260-75.
- Laas, Eugene, to Kahn and Co., Inc. Governor with switch control. 2,836,670, 5-27-58, Cl. 200-80.
- Laas, Everett A.: *See*—
Laas, William E., R. F., and E. A. 2,847,892.
- Laas, Robert F.: *See*—
Laas, William E., R. F., and E. A. 2,847,892.
- Laas, William E., R. F., and E. A. Mumper or cushion for the finger rest of musical instruments. 2,847,892, 8-19-58, Cl. 84-380.
- Laase, Theodore J. Drill sorting and sizing machine. 2,830,703, 4-15-58, Cl. 209-106.
- Lab Products, Inc.: *See*—
Sprague, Stephen A. 2,832,546.
- La Barre, Leo L. V-belt pulley. 2,823,937, 2-18-58, Cl. 287-52.
- Labarre, Maurice, to Specialties Alimentaires Bourguignonnes (S. A. B.). Machine for injection-moulding of plastic articles. 2,828,508, 4-1-58, Cl. 18-30.
- Labbe, Armand L., Jr.: *See*—
Porter, Carroll B., Labbe, and Pike. 2,863,731.
- La Belle, Donald J., to General Motors Corp. Weight-shifting apparatus for tandem axle vehicles. 2,864,453, 12-16-58, Cl. 180-22.
- La Belle, Donald J., to General Motors Corp. Load responsive fluid suspension and traction increasing system for tandem axles. 2,864,454, 12-16-58, Cl. 180-22.
- La Belle Industries, Inc.: *See*—
Birbaum, Lester W. 2,860,423.
Parmley, John W. 2,835,164.
- Laber, Ernest J.: *See*—
McClure, Glenn T., and Laber. 2,829,009.
- Labin, Frank R. Fishing gear. 2,838,866, 6-17-58, Cl. 43-4.
- Labino, Dominick, to L. O. F. Glass Fibers, Inc. Glass paper-calcium silicate. 2,823,117, 2-11-58, Cl. 92-3.
- Labino, Dominick, to L. O. F. Glass Fibers Co. Glass fiber composition. 2,830,000, 4-8-58, Cl. 154-44.
- Labino, Dominick, to L. O. F. Glass Fibers Co. Method of providing glass fibers with plural superimposed different oxide coatings and products thereby produced. 2,839,424, 6-17-58, Cl. 117-65.
- Labino, Dominick, to L. O. F. Glass Fibers Co. Method of producing silica fiber. 2,843,461, 7-15-58, Cl. 41-42.
- Labino, Dominick, to L. O. F. Glass Fibers Co. Process of producing mats of glass fibers. 2,863,176, 12-9-58, Cl. 19-156.
- La Bombard, Leon E., to The International Paper Box Machine Co. Individual presser roll unit. 2,841,270, 7-1-58, Cl. 198-165.
- Labombarde, Philip D. Machine and method for feeding sheets. 2,862,709, 12-2-58, Cl. 271-32.
- Labombarde, Raymond A. Sheet feeding apparatus and method. 2,828,126, 3-25-58, Cl. 271-32.
- Labombarde, Raymond A. Blank holddown apparatus. 2,834,262, 5-13-58, Cl. 93-49.
- Labombarde, Raymond A. Apparatus for folding trailing flaps. 2,839,972, 6-24-58, Cl. 93-49.
- Labombarde, Raymond A. Apparatus for folding leading flaps. 2,857,827, 10-28-58, Cl. 93-49.
- Laboratoire Sapos, and Frommel, Edouard: *See*—
Welkonian, Diran, and Gold. 2,837,533.
- "Laboratoires de Physique Medicale": *See*—
Parrot, Jean L. 2,855,920.
- Laboratoires O. M. Societe Anonyme: *See*—
Puig Muset, Pedro. 2,849,369.
- Laboratory Equipment Corp.: *See*—
Krali, George J., and McPaul. Re. 24,553.
- Laboratory For Electronics, Inc.: *See*—
Awot, Adolph W., Gordon, and Mayer. 2,866,183.
Crandell, Paul A., and Levin. 2,858,535.
Gordon, Bernard M. 2,858,425.
Gordon, Bernard M., and Kincaid. 2,819,394.
- Laboratory of Electronic Engineering, Inc.: *See*—
Bryan, Samuel. 2,819,772.
- La Born, Harvey A. Camp stove. 2,839,043, 6-17-58, Cl. 126-30.
- La Bour, Harry E. Flow control valve. 2,832,371, 4-29-58, Cl. 137-504.
- La Brash, Mabel G.: *See*—
Ramsdell, Robert E., and Luckman. 2,829,687.
- Labrie, Joseph C. Sliding door lock. Re. 24,443, 3-11-58, Cl. 70-96.
- Labrow, Schofield: *See*—
Linscomb, Robert, Craig, Labrow, and Dunn. 2,857,745.
- Laburte, Roland, to Compagnie de Pont-A-Mousson. Automatic control device for a gear box. 2,845,819, 8-5-58, Cl. 74-754.
- LaCavera, Frank J. Burglar alarm. 2,851,680, 9-9-58, Cl. 340-283.
- Lace, Donald A., 1/2 to N. M. Esser. Electromagnetic device. 2,857,494, 10-21-58, Cl. 200-87.
- Lacerenza, Joseph A.: *See*—
Cowan, Frederick, Lacerenza, and Mittendorf. 2,829,277.
- Lacey, Harold T.: *See*—
McKellin, Wilbur H., Lacey, and Giambalvo. 2,855,403.
Watkins, George R., and Lacey. 2,821,525.
- Lacey, Harold T., and G. R. Watkins, to American Cyanamid Co. Oil and spirit-soluble derivatives of phthalocyanines. 2,823,205, 2-11-58, Cl. 260-270.
- Lacey, Richard N., to British Industrial Solvents Ltd. Production of beta-furolic acids. 2,841,594, 7-1-58, Cl. 260-347.3.
- Lacey, Richard N., to The Distillers Co. Ltd. Preparation of 3-acetyl-4-hydroxycoumarin. 2,847,423, 8-12-58, Cl. 260-343.2.
- Lacey, Richard N., to The Distillers Co. Ltd. Dimerisation of ketene in medium of diketene and acetic anhydride. 2,848,496, 8-19-58, Cl. 260-585.5.
- Lacey, Richard N., to The Distillers Co. Ltd. Process for producing monochloro acetyl chloride. 2,862,964, 12-2-58, Cl. 260-544.
- Lacey, Richard N., and A. E. Blades, to The Distillers Co. Ltd. Process for producing mono chloroacetyl chloride. 2,843,630, 7-15-58, Cl. 260-537.
- Lach, John. Electrical wire fence with plastic posts. 2,821,365, 1-28-58, Cl. 256-19.
- Lachaize, Paul. Photographic cameras. 2,819,663, 1-14-58, Cl. 95-31.
- Lacher, Erich: *See*—
Schwarz, Hans. 2,858,663.
- Lachicotte, Eugene S. Minnow like fishing lure. 2,840,946, 7-1-58, Cl. 43-42.48.
- Lachmann, Günter, to Voigtlander Akt. Film control gear for photographic cameras. 2,854,906, 10-7-58, Cl. 95-31.
- Lachowicz, Stanley F., to Landers, Frary & Clark. Tank type vacuum cleaner nozzle. 2,841,812, 7-8-58, Cl. 15-355.
- Lachowicz, Stanley F., to Landers, Frary & Clark. Vacuum cleaner. 2,865,465, 12-23-58, Cl. 183-37.
- Lacis, Max W. Brick mason's line guide. 2,835,977, 5-27-58, Cl. 33-85.
- Lackey, Homer B.: *See*—
Heaton, William M., Lackey, and Martin. 2,822,358.
- Lackey, Pearl E.: *See*—
Monro, Randolph, and Lackey. 2,835,899.
- Lacko, Anthony V.: *See*—
Rhodes, Joseph C., Segers, and Lacko. 2,859,620.
- Lacks, Hyman, and M. Lambert. Foam nozzle for fire extinguishment. 2,839,334, 6-17-58, Cl. 299-141.
- Lacoste, Roger G.: *See*—
Bersworth, Frederick C., Martell, and Lacoste. 2,836,620.
- Lacroix, Arthur J., Jr., and W. R. Jensen, to Raybestos-Manhattan, Inc. Liquid cooled clutch. 2,852,118, 9-16-58, Cl. 192-113.
- Lacroix, Louis, to G. Vuagnat. Treatment of copals. 2,827,448, 3-18-58, Cl. 260-97.
- La Crosse, Clifford G. Compounding material for rubber and rubber substitutes. 2,832,691, 4-29-58, Cl. 106-123.
- La Crosse Trailer Corp.: *See*—
Duffy, Edward F. 2,822,945.
- Lacson, Claudio S. Pneumatic power file. 2,835,957, 5-27-58, Cl. 29-76.
- Lacy, James W., to Texas Instruments Inc. Method of fixing leads to silicon and article resulting therefrom. 2,856,681, 10-21-58, Cl. 29-472.9.
- Ladd, Edward L., to United Aircraft Products, Inc. Self energizing sealing ring. 2,837,360, 6-3-58, Cl. 288-24.
- Ladd, Eric: *See*—
Roberts, John F. 2,819,005.
Roberts, John F. 2,840,290.

- Ladd, William A., to Columbian Carbon Co. Method of protecting the surfaces of soluble salt crystals. 2,835,606, 5-20-58, Cl. 117-6.
- Lad-E, Inc.: *See*—
Simmons, Frank E. 2,854,841.
- Laden, Hyman N., to United States of America, Navy. Frequency shift transmitter system. 2,839,674, 6-17-57, Cl. 250-8.
- Ladenberg, Kurt: *See*—
Perri, Giulio C., and Ladenberg. 2,824,008.
- Ladewig, Archie, Co.: *See*—
Ladewig, Archie E. 2,837,199.
- Ladewig Archie E., to Archie Ladewig, Co. Bottle feed mechanism for washing machines. 2,837,199, 6-3-58, Cl. 198-27.
- Ladinsky, Woldemar. Diamond truing devices for abrasive cutters. 2,854,966, 10-7-58, Cl. 125-39.
- Ladisch, Rolf K. Process for detecting insect contamination of foodstuffs by fluorescence. 2,827,364, 3-18-58, Cl. 23-230.
- Ladisch, Rolf K., to United States of America, Army. Process of synthesizing ethyl-para-benzoquinone. 2,840,571, 6-24-58, Cl. 260-396.
- Ladisch, Rolf K. Mercury capillary assembly. 2,849,391, 8-26-58, Cl. 204-195.
- Ladisch Co.: *See*—
Kessler, Joseph S. 2,862,275.
- Lado, Anthony L., to Pettibone New York Corp. Tandem drive apparatus with improved wheel mounting. 2,824,615, 2-25-58, Cl. 180-22.
- Lador, Inc.: *See*—
Faulkner, James E. 2,840,949.
- La Douce, Pablo D.: *See*—
Pompa, Carlos. 2,819,556.
- Ladrick, Ray C., to Western Electric Co., Inc. Electrical probes. 2,851,659, 9-9-58, Cl. 324-72.5.
- La Due, James J.: *See*—
Jaworski, Charles J., and La Due. 2,859,868.
- Ladue, Robert. Engine heating device. 2,838,648, 6-10-58, Cl. 219-38.
- Lady Lora Wave Clip Corp.: *See*—
Oftten, Eric. 2,849,008.
- Laegeler, Julius C., Jr.: *See*—
Beyerstedt, Ralph L., and Laegeler. 2,846,096.
- Lacl, Clarence J. Flatiron holder. 2,866,614, 12-30-58, Cl. 248-117.7.
- La Ferte, Louis G. Vibratory impulse generator for golf club. 2,823,037, 2-11-58, Cl. 273-186.
- Lafeuille, Georges R.: *See*—
Pruna, Matei. 2,847,303.
- Lafeuille, Pierre: *See*—
Pruna, Matei. 2,847,303.
- Laff, Robert A.: *See*—
Jensen, Robert V., and Laff. 2,841,509.
- Lafferty, Edward C., to Kelsey-Hayes Co. Tube cutting apparatus. 2,856,997, 10-21-58, Cl. 164-40.
- Lafferty, James L.: *See*—
Kehde, Howard, Lafferty, and Montgomery. 2,850,114.
- Lafferty, James M., to General Electric Co. Cathode ray tube and electron gun therefor. 2,852,716, 9-16-58, Cl. 315-15.
- Laffey, William J. Refrigerator safety devices. 2,864,326, 12-16-58, Cl. 109-63.5.
- Lafitte, Jacques D. Automatic machine for making coffee and other infusions. 2,854,917, 10-7-58, Cl. 99-283.
- La Fond, Wilford J. Arrowhead. 2,820,637, 1-21-58, Cl. 273-106.5.
- La Fonte Electrique S. A.: *See*—
Pahud, René. 2,847,285.
- La Forest, Louis Z., to McGraw-Edison Co. Dictating machines. 2,866,855, 12-30-58, Cl. 179-100.1.
- La France, Ivan E. Flare holder. 2,848,265, 8-19-58, Cl. 294-5.5.
- Lagaard, Alexander S. T., to A. T. O'Neil and G. H. Danielson. Stair climbing hand trucks. 2,823,921, 2-18-58, Cl. 280-5.2.
- Lagemann, Oliver F., to Olin Mathieson Chemical Corp. Explosive assembly. 2,857,814, 10-28-58, Cl. 102-24.
- Lager, Roger K., to Sterling Drug Inc. Mannitol stabilized morphine-papaverine composition. 2,836,541, 5-27-58, Cl. 167-67.
- Lagerkvist, Bo A.: *See*—
Petré, Oscar M. 2,854,015.
- Lagerstrom, Benzt, to Sandvikens Jernverks Aktiebolag. Saw blade with hardened teeth. 2,829,684, 4-8-58, Cl. 143-133.
- Lagerstrom, William A. Clothes drying rack bracket. 2,823,884, 2-18-58, Cl. 248-207.
- Lagerwall, Otto L. Adapter-ring assembly for pipe-to-plate joint. 2,823,050, 2-11-58, Cl. 285-159.
- La Gloria Oil and Gas Co.: *See*—
Petty, Charles O. 2,862,804.
- La Guardia, Nicholas. Carrier or holder for bottles and the like. 2,846,115, 8-5-58, Cl. 220-113.
- Laguilhare, Pierre R. Centrifugal apparatus for separating solid particles out of a liquid. 2,837,272, 6-3-58, Cl. 233-7.
- Laguilhare, Pierre R. Apparatus for treating solutions containing dry substances having high calorific value. 2,839,122, 6-17-58, Cl. 159-4.
- Laguzzi, Mario, to Poirrette Corsets, Inc. Foundation garment. 2,838,051, 6-10-58, Cl. 128-547.
- Laguzzi, Mario, to Poirrette Corsets, Inc. Foundation garment or the like. 2,860,641, 11-18-58, Cl. 128-541.
- Lahar, Ernest W., to Wade Lahar Construction Co. Tractor mounted land clearing tree shaver. 2,832,382, 4-29-58, Cl. 144-34.
- Lahar, Wade, Construction Co.: *See*—
Lahar, Ernest W. 2,832,382.
- Lahde, Herman U., to Aladdin Industries, Inc. Portable cooking stove. 2,865,443, 12-23-58, Cl. 158-72.
- Lahev, Parker J., and G. R. O'Leary, to Standard Railway Equipment Mfg. Co. Coupler operating rod bracket. 2,839,204, 6-17-58, Cl. 213-171.
- Lahti, Arvo A., to Consolidated Electrodynamics Corp. Speed control for spooling systems. 2,829,843, 4-8-58, Cl. 242-55.
- Laib, Henrich: *See*—
Reppe, Walter, Friederich, and Laib. 2,819,304.
- Laico, Joseph P.: *See*—
Hamilton, James O., and Laico. 2,847,609.
- Lail, Ernest E. Open hearth burner. 2,832,401, 4-29-58, Cl. 158-4.5.
- Laimins, Eric, to Baldwin-Lima-Hamilton Corp. Slotted type multiple bending beam. 2,866,059, 12-23-58, Cl. 201-63.
- Laing, Bertha V. Reading stand. 2,823,489, 2-18-58, Cl. 45-82.
- Laing, Nikolaus. Liquid moving apparatus. 2,865,293, 12-23-58, Cl. 103-53.
- Laing, Nikolaus. Portable pump apparatus. 2,865,295, 12-23-58, Cl. 103-87.
- Lainson, John J., to Western Plastics Corp. Extrusion apparatus. 2,859,476, 11-11-58, Cl. 18-13.
- Lair, Julien J. B., to International Telephone and Telegraph Corp. Direction finder system. 2,861,264, 11-18-58, Cl. 343-113.
- L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude: *See*—
Dufraisse, Charles, Etienne, and Toromanoff. 2,862,794.
- Grenier, Maurice. 2,822,675.
- Moignet, Jacques. 2,834,917.
- Savard, Guy, and Lee. 2,855,293.
- Servigne, Marcel, and Szarvasi. 2,839,574.
- Servigne, Marcel, and Szarvasi. 2,843,607.
- Vesque, Henri, and De Percin. 2,833,127.
- Volf, Charles, and Savard. 2,849,593.
- Laird, Andrew C., to Anaconda Wire and Cable Co. Shielding tape for electric power cables. 2,857,453, 10-21-58, Cl. 174-73.
- Laird, David F.: *See*—
Mahady, John J., and Laird. 2,866,479.
- Laird, Eugene E.: *See*—
Woelk, William L. 2,844,915.
- Laird, Hubert C.: *See*—
Bredtschneider, Kurt B., and Laird. 2,866,477.
- Laird, Hubert C., and K. E. B. Bredtschneider, to Crane Co. Combined valve actuating and locking means. 2,843,152, 7-15-58, Cl. 137-797.
- Laird, John D. Educational device for use in teaching arithmetic. 2,842,871, 7-15-58, Cl. 35-31.
- Laisy, Rudyard E., to The National Sew & Mfg. Co. Counter-sunk flexible head threaded fastener. 2,833,325, 5-6-58, Cl. 151-14.
- Lait, George K.: *See*—
Guy, Ralph I., and Lait. 2,826,853.
- Lait, Raymond, to Laporte Chemicals Ltd. Purification of anthraquinone solutions. 2,860,036, 11-11-58, Cl. 23-207.
- Laithwaite, Eric R.: *See*—
Williams, Frederic C., and Laithwaite. 2,848,675.
- Williams, Frederic C., and Laithwaite. 2,856,573.
- Lakatos, Emory, and H. G. Och, to Bell Telephone Laboratories, Inc. Computing system and method. 2,833,471, 5-6-58, Cl. 235-61.5.
- Lakatos, György, J. Szabó, G. Szigeti, and J. Weiszburg, to Egyesült Izzólampa és Villamosági Reszvénytársaság. Time delay switch of the gaseous electric discharge tube type. 2,838,633, 6-10-58, Cl. 200-113.5.
- Lake, Clair D., M. Fiehl, and M. L. Rogers, to International Business Machines Corp. Serial printer. 2,833,387, 5-6-58, Cl. 197-14.
- Lake, Clair D., and W. Pfaff, to International Business Machines Corp. Distributing machine. 2,838,175, 6-10-58, Cl. 209-110.
- Lake, Clair D., and W. Pfaff, to International Business Machines Corp. High speed punch. 2,845,122, 7-29-58, Cl. 164-113.
- Lake, Clair D., and W. Pfaff, to International Business Machines Corp. Rotary die punch. 2,860,707, 11-18-58, Cl. 164-89.
- Lake, Douglas E.: *See*—
Steinel, Vincent A., Lake, and Cantwell. 2,851,792.
- Lake, Goldie: *See*—
Blank, Robert and J. 2,844,215.
- Lake, Harry E., and B. K. Breed, to Preferred Utilities Mfg. Corp. Liquid flow control regulator. 2,859,806, 11-11-58, Cl. 158-36.3.
- Lake, Harry E., to Preferred Utilities Mfg. Corp. Gas-fueled igniter system. 2,860,695, 11-18-58, Cl. 158-115.
- Lake, Lawrence C. Vertically slidable vehicle door. 2,819,114, 1-7-58, Cl. 296-14.
- Lake, Phyllis E.: *See*—
Bourgault, Pierre L., Lake, and Casey. 2,831,044.
- Lake, Robert E.: *See*—
Gledhof, Peter E., and Lake. 2,818,720.
- Lake, Robert E., to Whirlpool Corp. Washing machine. 2,826,905, 3-18-58, Cl. 68-15.

- Lake, Ronald E., to English Electric Valve Co. Ltd. Gas filled discharge devices. 2,840,745, 6-24-58, Cl. 313-195.
- Lake, William H., to General Electric Co. Electric discharge device. 2,832,912, 4-29-58, Cl. 313-109.
- Lakefield Research Ltd.: *See—*
- Britton, John W. 2,827,372.
- Lakeside Laboratories, Inc.: *See—*
- Biel, John H. 2,830,048.
- Biel, John H. 2,830,049.
- Biel, John H. 2,830,050.
- Biel, John H. 2,831,862.
- Biel, John H. 2,831,863.
- Biel, John H. 2,832,785.
- Biel, John H. 2,833,785.
- Biel, John H. 2,848,454.
- Biel, John H. 2,856,405.
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- Biel, John H. 2,856,407.
- Biel, John H. 2,863,863.
- Biel, John H., and Drucker. 2,831,779.
- Lakewood Mfg. Co.: *See—*
- Peplin, Stephen C. 2,821,186.
- Lakos, Georg, to Kurt Körber & Co. K.-G. Process for manufacturing self-igniting cigarettes. 2,821,238, 1-28-58, Cl. 151-36.
- Lal, Joginder, to H. D. Justi & Son, Inc. Method of polymerizing acrylate esters in the presence of an organometallic inhibitor. 2,833,741, 5-6-58, Cl. 260-45.5.
- Lal, Joginder, to H. D. Justi & Son, Inc. Polymerization catalyst for acrylic monomers. 2,833,753, 5-6-58, Cl. 260-89.5.
- Lalande, Gerald. Retractable safety belt. 2,830,655, 4-15-58, Cl. 155-189.
- Lalin, Georg S. Dispensing apparatus. 2,854,173, 9-30-58, Cl. 222-194.
- Lallemand, André, to Schlumberger Well Surveying Corp. Photomultiplier. 2,866,914, 12-30-58, Cl. 313-105.
- Lally Colahan Co.: *See—*
- Donahue, John S., and Strehan. 2,834,196.
- La Londe, Fred J. Pirouette exerciser. 2,835,492, 5-20-58, Cl. 272-57.
- Lam, Hung K. H., and G. H. Schafer, to American Potash & Chemical Corp. Preparation of lithium nitride. 2,866,685, 12-30-58, Cl. 23-191.
- Laman, George M.: *See—*
- Robinson, Glen, and Laman. 2,854,885.
- La Manna, Richard J.: *See—*
- Burkhart, William H., and La Manna. 2,848,708.
- Burkhart, William H., and La Manna. 2,860,323.
- La Manna, Richard J., to Monroe Calculating Machine Co. Data entering means for storage devices. 2,850,719, 9-2-58, Cl. 340-173.
- Lamanna, Stephen A.: *See—*
- Marcot, Guy C., Todd, and Lamanna. 2,824,050.
- Lamar, Charles C., to Harper-Wyman Co. Gas valves. 2,855,953, 10-14-58, Cl. 137-599.2.
- Lamar, Charles C., to Harper-Wyman Co. Gas valves. 2,855,955, 10-14-58, Cl. 137-599.2.
- Lamar, Charles C., to Harper-Wyman Co. Gas valves. 2,858,852, 11-4-58, Cl. 137-625.32.
- Lamar, Charles C., and F. H. Bergquist, to Harper-Wyman Co. Gas valves. 2,855,954, 10-14-58, Cl. 137-599.2.
- Lamar, Charles C., N. M. Huff, and F. H. Bergquist, to Harper-Wyman Co. Gas valves. 2,855,957, 10-14-58, Cl. 137-625.32.
- Lamar, Richard S., to Sierra Tale & Clay Co. Water dispersible talc pigment composition. 2,844,486, 7-22-58, Cl. 506-308.
- Lamar, Thomas W.: *See—*
- Eshbaugh, Jesse E., Lamar, and Schultz. 2,845,893.
- La Marre, Roger R.: *See—*
- Bacher, Hans E., and La Marre. 2,833,567.
- Smisko, John, and La Marre. 2,852,282.
- Lamatina, Richard. Apparatus for making toasted pocket in a bun. 2,865,280, 12-23-58, Cl. 99-332.
- Lamb, Anthony H., to Daystrom, Inc. Instrument relay. 2,866,873, 12-30-58, Cl. 200-110.
- Lamb, Anthony H., and A. D. Clark, to Daystrom, Inc. Instrument adjuster element. 2,855,567, 10-7-58, Cl. 324-154.
- Lamb, Benjamin S., to United States Steel Corp. Apparatus for dip sampling molten metals. 2,865,204, 12-23-58, Cl. 73-425.
- Lamb, Daniel M. Child's toy loader. 2,822,641, 2-11-58, Cl. 46-40.
- Lamb, F. Jos., Co.: *See—*
- Kay, John G. 2,833,393.
- Kay, John G., and Ree. 2,853,176.
- Lamb, Francis X., to Daystrom, Inc. Clamp volt-ammeter. 2,842,739, 7-8-58, Cl. 324-127.
- Lamb, Francis X., to Daystrom, Inc. Electrical instrument casing. 2,866,940, 12-30-58, Cl. 324-156.
- Lamb, Francis X., and E. G. De Mott, to Daystrom, Inc. Illuminated instrument dial. 2,837,628, 6-3-58, Cl. 240-21.
- Lamb, Frank G. Apparatus for dehydration of food products. 2,850,809, 9-9-58, Cl. 34-128.
- Lamb, Frederick S., to General Electric Co. Electric incandescent lamp. 2,863,082, 12-2-58, Cl. 313-278.
- Lamb-Grays Harbor Co., Inc.: *See—*
- Gustafson, George W. 2,818,795.
- Jasper, Ronald J. 2,848,100.
- Lamb, Guy L., to Edlo, Inc. Beverage container. 2,819,793, 1-14-58, Cl. 206-65.
- Lamb, Herbert H. Plaster ground. 2,854,843, 10-7-58, Cl. 72-128.
- Lamb, John, to Shell Development Co. Oil tankers. 2,819,676, 1-14-58, Cl. 103-113.
- Lamb, John, to Shell Development Co. Pipe coupler with shut-off valve. 2,825,533, 3-4-58, Cl. 284-18.
- Lamb, John, to Shell Development Co. Apparatus for handling ship's elevator car. 2,836,308, 5-27-58, Cl. 214-15.
- Lamb, John, to Shell Development Co. Ship's overside elevator. 2,841,246, 7-1-58, Cl. 187-6.
- Lamb, Leslie. Float valve. 2,847,021, 8-12-58, Cl. 137-417.
- Lamb, Lewis E. Adjustable window guard. 2,866,238, 12-30-58, Cl. 20-71.
- Lamb, Margaret O.: *See—*
- Johnson, Mensal L. 2,841,982.
- Johnson, Mensal L., and Lamb. 2,836,695.
- Lamb, Miles A.: *See—*
- Klein, Joseph J., and Lamb. 2,826,209.
- Spiegel, Milton, and Lamb. 2,847,379.
- Lamb, Raymond J.: *See—*
- Fessler, Frank. 2,845,262.
- Lamb, Roger M.: *See—*
- Steven, William, and Lamb. 2,841,490.
- Lamb, Russell E. Circle cutting attachment for torches. 2,852,245, 9-16-58, Cl. 266-23.
- Lamb, Sidney A., and S. Ward, to Imperial Chemical Industries Ltd. Production of amines. 2,835,705, 5-20-58, Cl. 260-576.
- Lamb, William A. S.: *See—*
- Hester, Ross E., Kippenhan, and Lamb. 2,860,279.
- Lambach, Fritz, to Robert Reiner, Inc. Straight bar knitting machine. 2,827,781, 3-25-58, Cl. 66-96.
- Lambeck, Raymond P., to United Aircraft Corp. Propeller pitch stop lock. 2,843,212, 7-15-58, Cl. 170-160.32.
- Lambeck, Raymond P., and A. V. Pond, to United Aircraft Corp. Hydraulic supply system for an aeronautical propeller or the like. 2,843,140, 7-15-58, Cl. 137-110.
- Lamberson, Jack L., Jr., J. W. Kenneday, and C. W. Peter, to Esso Research and Engineering Co. Back pressure valve. 2,822,051, 2-4-58, Cl. 166-224.
- Lamberson, Nathaniel D., to Ideal Mfg. Co. Trailer hitch. 2,854,256, 9-30-58, Cl. 280-512.
- Lambert, Aimé G. Furnace wall construction. 2,827,784, 3-25-58, Cl. 72-101.
- Lambert, Arthur: *See—*
- Kerrigan, Vincent, and Lambert. 2,839,531.
- Lambert, Arthur, and G. E. Williams, to Imperial Chemical Industries Ltd. Alkyl-cycloalkyl phenols and rubber compositions including same as antioxidants. 2,839,493, 6-17-58, Cl. 260-45.95.
- Lambert, Arthur, and H. Palfreeman, to Imperial Chemical Industries Ltd. Catalytic process for producing 1-methylcyclohexene. 2,866,831, 12-30-58, Cl. 260-666.
- Lambert Brake Corp.: *See—*
- Griswold, Frederick D. 2,854,098.
- Griswold, Frederick D. 2,858,912.
- Kershner, Osborn A. 2,831,552.
- Kershner, Osborn A., and Hahn. 2,864,238.
- Lucker, Millard B., Myers, and Zindler. 2,854,097.
- Parrett, Dent. 2,820,538.
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- Lambert, Derek J., and W. C. G. Smith, to Vickers-Armstrongs Ltd. Automatic control of aircraft having pressurized cabins or the like. 2,852,213, 9-16-58, Cl. 244-77.
- Lambert, Donald J. Control for boat. 2,834,152, 5-13-58, Cl. 46-77.
- Lambert, Donald R., to Powers-Samas Accounting Machines Ltd. Servomechanism. 2,845,804, 8-5-58, Cl. 74-110.
- Lambert, Gordon K., to Northern Electric Co. Ltd. Fault locating apparatus. 2,832,042, 4-22-58, Cl. 324-52.
- Lambert, Harry E., to Central Fibre Products Co. Egg packing material. 2,844,268, 7-22-58, Cl. 217-26.5.
- Lambert, Harry L., to Royal McBee Corp. Pneumatotelectric record sensing device. 2,824,182, 2-18-58, Cl. 200-46.
- Lambert, Harry L., to Royal McBee Corp. Separable cartridge for an inked printing ribbon. 2,825,450, 3-4-58, Cl. 206-52.
- Lambert, Henri J. M., and G. P. Mongin. Mortise and tenon joint. 2,866,239, 12-30-58, Cl. 20-92.
- Lambert, Milton: *See—*
- Lucks, Hyman, and Lambert. 2,839,334.
- Lambert, Reuben B. Flashlight. 2,830,173, 4-8-58, Cl. 240-10.66.
- Lambert, Reuben B. Electric lamp socket with slidable ring sleeve. 2,851,551, 9-9-58, Cl. 200-51.14.
- Lambert, Robert D.: *See—*
- Clark, James d'A., and Lambert. 2,862,291.
- Lambert, Ulysses L. Cook's spatula cleaner and holder. 2,839,772, 6-24-58, Cl. 15-236.
- Lamberti, John. Swimming and water propelling device. 2,838,774, 6-17-58, Cl. 9-18.
- Lamberti, Vincent, and A. O. Gray, Jr., to Lever Brothers Co. Controlled sudsing heavy duty liquid detergent. 2,860,107, 11-11-58, Cl. 252-137.
- Lambertson, Robert A. Filters for aquaria. 2,822,925, 2-11-58, Cl. 210-169.
- Lambertson, Robert A. Aquarium cleaning device. 2,828,019, 3-25-58, Cl. 210-169.
- Lambie, James M., to Pittsburgh Plate Glass Co. Apparatus for forming refractory bodies. 2,849,779, 9-2-58, Cl. 25-129.

- Lamborn, Herbert C. Folding cabana. 2,853,088, 9-23-58, Cl. 135-7.1.
- Lambrecht, Joseph A., to Union Carbide Corp. Fungicidal compositions. 2,840,502, 6-24-58, Cl. 167-22.
- Lambrecht, Joseph A., and W. H. Hensley, to Union Carbide Corp. Fungicides and fungicidal compositions. 2,843,518, 7-15-58, Cl. 167-22.
- Lamellin- und Kupplungsbau August Haussermann: See—Haussermann, Kurt A. 2,835,366.
- Lamielle, Robert T. Milling machine attachment. 2,826,966, 3-18-58, Cl. 90-62.
- Lamison, William F., to Pittsburgh-Erie Saw Corp. Cutlery sharpener. 2,852,895, 9-23-58, Cl. 51-135.
- Lamison, William F., to Pittsburgh-Erie Saw Corp. Cutlery sharpener. 2,853,837, 9-30-58, Cl. 51-135.
- Lamkin, Elver R.: See—Lamkin, Robert E. 2,836,420.
- Lamkin, John C.: See—Sorg, Leonard V., and Lamkin. 2,830,738.
- Lamkin Leather Co.: See—Lamkin, Robert E. and E. B. 2,836,420.
- Lamkin, Robert E. and E. B., to Lamkin Leather Co. Handle grips and method of making them. 2,836,420, 5-27-58, Cl. 273-81.6.
- Lamm, Ake M. Magnetically actuated mechanism for article display. 2,823,323, 2-11-58, Cl. 310-20.
- Lamm, Raymond R., to The Patent and Licensing Corp. Adhesive composition including limed rosin and acrylic plasticizer. 2,849,410, 8-26-58, Cl. 260-27.
- Lamma, Rossana: See—Münch, Werner, Notarbartolo, and Lamma. 2,829,127.
- Münch, Werner, Notarbartolo, and Lamma. 2,832,757.
- Lammens, Eduard J. G., to Societe Anonyme dite: Le Progres Industriel. Chuck. 2,854,239, 9-30-58, Cl. 279-119.
- Lammerz, Ernst, and H. Rambausek, to Akt. für Unternehmungen der Eisen- und Stahlindustrie. Double clutch. 2,812,004, 7-8-58, Cl. 74-368.
- Lammler, Georg: See—Ruschig, Heinrich, Korgler, and Lammler. 2,830,076.
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- Lamont, Adam S., and E. T. Todd, to General Motors Corp. Pressure control system. 2,819,047, 8-26-58, Cl. 152-417.
- Lamont, Archibald G. W., to Houdry Process Corp. Removal of sulfur from gas streams. 2,866,679, 12-30-58, Cl. 23-3.
- Lamoureux, Raymond A., Jr., to Sprague Electric Co. Focusing device. 2,820,917, 1-21-58, Cl. 313-84.
- Lamourea, Lloyd H., to The Regents of The University of California. Object aligning apparatus. 2,824,665, 2-25-58, Cl. 221-179.
- Lamp, Arthur W.: See—Patish, Anthony E., and Lamp. 2,848,784.
- Lamp Presscaps Ltd.: See—Bailey, Edward E. 2,863,552.
- Lamputzer, Karl: See—Keller, Heinz, Lamputzer, and Brodt. 2,835,618.
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- Lampe, Frederick W., and H. G. Schutze, to Esso Research and Engineering Co. Modified tertiary isooctene-diolefin copolymers. 2,824,055, 2-18-58, Cl. 204-163.
- Lampe, Friedrich, and F. Laa, to North American Philips Co., Inc. Switching device. 2,837,610, 6-3-58, Cl. 200-18.
- Lampe, Friedrich, and F. Laa, to North American Philips Co., Inc. Device comprising one or more push buttons. 2,863,959, 12-9-58, Cl. 200-18.
- Lampe, Fritz: See—Zecha, Ferdinand and Lampe. 2,861,862.
- Lampo, Robert C., to Electrolux Corp. Vacuum cleaner dolly. 2,819,091, 1-7-58, Cl. 280-8.
- Lampo, Robert C., to Electrolux Corp. Multipurpose nozzle. 2,864,120, 12-16-58, Cl. 15-417.
- Lampert, Albert J., and J. J. Carlson, to Rheem Mfg. Co. Water heater and cabinet construction. 2,827,021, 3-18-58, Cl. 122-13.
- Lampert, Murray A., and J. F. Heney, to International Telephone and Telegraph Corp. Self-triggered microwave attenuator. 2,842,747, 7-8-58, Cl. 333-81.
- Lamphear, Walter E., to Rovlin Inc. Valved coupling. 2,824,755, 2-25-58, Cl. 284-18.
- Lampheer, Jean K.: See—Kammerer, Archer W. 2,823,901.
- Kammerer, Archer W. 2,863,641.
- Kammerer, Archer W., Jr. 2,832,568.
- Kammerer, Archer W., Jr. 2,855,994.
- Lamphier, Walter C., to Sprague Electric Co. Electrical capacitors. 2,858,492, 10-28-58, Cl. 317-260.
- Lamping, Clifton L. Diaper press. 2,822,680, 2-11-58, Cl. 68-213.
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- Lamprecht, Merle W., to The Hill-Acme Co. Stock feeding device for forging machine. 2,835,152, 5-20-58, Cl. 78-99.
- Lamson Corp.: See—Hennessy, Carroll A. 2,865,578.
- Lamson, Edward R.: See—Renshaw, Theodore A., and Lamson. 2,861,950.
- Lamson, Edward R., and T. A. Renshaw. Method for the manufacture of soap. 2,860,151, 11-11-58, Cl. 260-413.
- Lamson Paragon Ltd.: See—Garwood, Victor W., and Goreham. 2,821,284.
- Lamteck Corp. of America: See—Stark, Joseph G. 2,831,218.
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- Lancaster, Edward W. Paint applicator. 2,853,731, 9-30-58, Cl. 15-210.
- Lancaster, Hester. Zipper puller. 2,840,412, 6-24-58, Cl. 294-26.
- Lancaster, Ralph, to Benrus Watch Co., Inc. Hinged claw watch bracelet. 2,820,275, 1-21-58, Cl. 24-265.
- Lancaster, Rodney W. Limit switches for electric heating elements. 2,849,589, 8-26-58, Cl. 219-39.
- Lance, Hubert L. Tractor transmission. 2,836,084, 5-27-58, Cl. 74-710.5.
- Lance, Irwin R., and I. R. Lance, II. Fitting construction for windows and like. 2,831,221, 4-22-58, Cl. 20-52.2.
- Lance, Irwin R., II.: See—Lance, I. R., and I. R. Lance, II. 2,831,221.
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- Lance, Orville P., to Deere & Co. Connection facilitating vehicle draft assembly. 2,860,892, 11-18-58, Cl. 280-477.
- Lancot, Donald H., to Electromotion Co. Co-axial switch. 2,826,746, 3-11-58, Cl. 333-97.
- Lancot, Donald H., and R. G. Kenway, to Transco Products, Inc. Multiple channel coaxial switch. 2,846,653, 8-5-58, Cl. 333-7.
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- Land, Edwin H., to Polaroid Corp. Photographic apparatus embodying processing means. 2,819,662, 1-14-58, Cl. 95-13.
- Land, Edwin H., to Polaroid Corp. Photographic silver halide transfer process and the print-receiving products useful in connection therewith. 2,823,122, 2-11-58, Cl. 96-29.
- Land, Edwin H., to Polaroid Corp. Self-processing film assembly. 2,833,192, 5-6-58, Cl. 95-67.
- Land, Edwin H., to Polaroid Corp. Photographic apparatus including means for treating exposed photosensitive sheet material. 2,834,269, 5-13-58, Cl. 95-13.
- Land, Edwin H., to Polaroid Corp. Carrying case for photographic apparatus. 2,835,176, 5-20-58, Cl. 95-12.
- Land, Edwin H., to Polaroid Corp. Photographic product. 2,837,987, 6-10-58, Cl. 95-66.
- Land, Edwin H., to Polaroid Corp. Photographic products. 2,846,309, 8-5-58, Cl. 96-76.
- Land, Edwin H., to Polaroid Corp. Radiation detection devices. 2,852,691, 9-16-58, Cl. 250-65.
- Land, Edwin H., to Polaroid Corp. Photographic apparatus. 2,854,905, 10-7-58, Cl. 95-13.
- Land, Edwin H., to Polaroid Corp. Methods for washing and protecting photographic silver images. 2,855,298, 10-7-58, Cl. 96-29.
- Land, Edwin H., to Polaroid Corp. Photographic film unit. 2,855,302, 10-7-58, Cl. 96-76.
- Land, Edwin H., to Polaroid Corp. Photographic processes and products. 2,861,885, 11-25-58, Cl. 96-29.
- Land, Edwin H., E. R. Blout, and H. C. Haas, to Polaroid Corp. Process of washing and protecting photographic silver images, and photographic products thereof. 2,830,900, 4-15-58, Cl. 96-50.
- Land, Edwin H., and V. K. Eloranta, to Polaroid Corp. Photographic apparatus. 2,854,903, 10-7-58, Cl. 95-12.21.
- Land, Edwin H., E. R. Blout, S. G. Cohen, M. Green, H. J. Tracy, and R. B. Woodward, to Polaroid Corp. Photographic compositions and processes. 2,857,274, 10-21-58, Cl. 96-29.
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- Land, Herbert L. N., 1/2 to D. G. Freedman. Salvage apparatus. 2,847,962, 8-19-58, Cl. 114-54.
- Land, Malcolm L., to Elliott Co. Shielded gas turbine. 2,866,617, 12-30-58, Cl. 253-39.1.
- Land Pyrometers Ltd.: See—Burton, Erice J., and Mayorcas. 2,833,844.
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- Landau, Ralph, and A. Saffer, to Mid-Century Corp. Process for the preparation of terephthalic acid. 2,833,818, 5-6-58, Cl. 200-524.

- Landau, Ralph, R. B. Egbert, and A. Saffer, to Mid-Century Corp. Process for the preparation of diisopropylbenzene. 2,855,430, 10-7-58, Cl. 260-671.
- Landau, Ralph, R. B. Egbert, and A. Saffer, to Mid-Century Corp. Preparation of phthalic acids. 2,858,334, 10-28-58, Cl. 260-524.
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- Lander, John J., J. B. Burbank, and A. C. Simon, to the United States of America as represented by the Secretary of the Navy. Battery grid and plate. 2,821,565, 1-28-58, Cl. 136-65.
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- Landers, Klaus, and L. W. Martin. Accumulator control valve. 2,829,666, 4-8-58, Cl. 137-178.
- Landers, Matthew A. Sheet feeding board for printing press. 2,821,389, 1-28-58, Cl. 271-8.
- Landers, Robert E., S. Moldovan, and P. Indyke. Padding for garment pressing machines, home ironers, mangles or the like. 2,835,056, 5-20-58, Cl. 38-66.
- Landers, Willard L., to Fairchild Engine and Airplane Corp. Wing tip jets. 2,848,181, 8-19-58, Cl. 244-58.
- Landes, John T., and R. S. Greenough. Purifier. 2,829,772, 4-8-58, Cl. 209-323.
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- Landis, Earle H. Coolant supply systems. 2,830,740, 4-15-58, Cl. 222-179.
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- Landmeier, Edwin W., to Wadsworth Electric Mfg. Co., Inc. Locking plate for circuit breakers, switches and the like. 2,832,857, 4-29-58, Cl. 200-42.
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- Landow, Bernhard E., to General Aniline & Film Corp. Photographic film having enhanced Herschel effect susceptibility and the process using the same. 2,857,273, 10-21-58, Cl. 96-27.
- Landrey, Leo R., to Burroughs Corp. Electron tube structure and manufacture. 2,823,330, 2-11-58, Cl. 313-157.
- Landron, Rafael, Jr., to Corning Glass Works. Method of removing lead borate sealing glasses. 2,852,352, 9-16-58, Cl. 41-42.
- Landron, Rafael, Jr., to Corning Glass Works. Semiconductor components and their manufacture. 2,863,104, 12-2-58, Cl. 317-234.
- Landrum, Billy F.: *See*—
- Herbst, Ralph L., Jr., and Landrum. 2,842,524.
- Herbst, Ralph L., Jr., and Landrum. 2,842,528.
- Landrum, Frank C., and R. L. Anderson, to Deere & Co. Peanut combine. 2,856,936, 10-21-58, Cl. 130-30.
- Landrum, Porter. Pressure responsive throttle control means for internal combustion engines and the like. 2,853,985, 9-30-58, Cl. 123-103.
- Landrum, Porter. Centrifugal clutch for hydraulic transmissions and the like. 2,854,107, 9-30-58, Cl. 192-3.2.
- Landrum, William F. Fishing float. 2,842,888, 7-15-58, Cl. 43-44.95.
- Landry, Henry J.: *See*—
- Landry, Raymond H. and H. J. 2,825,071.
- Landry, Henry J. Folding play-yard. 2,845,634, 8-5-58, Cl. 5-99.
- Landry, Henry J. Combined table and folding chair. 2,845,995, 8-5-58, Cl. 155-165.
- Landry, Henry L. Multi-sided folding play-yard. 2,825,072, 3-4-58, Cl. 5-99.
- Landry, Joseph G., to General Electric Co. Watthour meter light load plate. 2,830,270, 4-8-58, Cl. 324-138.
- Landry, Raymond H. and H. J. Automatically folding play-yard. 2,825,071, 3-4-58, Cl. 5-99.
- Landsiedel, Florence E.: *See*—
- Landsiedel, Walter W. 2,823,343.
- Landsiedel, John H.: *See*—
- Seagnell, Henry J., and Landsiedel. 2,853,577.
- Landsiedel, Walter W., deceased, by F. E. Landsiedel, executrix, to Sperry Rand Corp. Motor control for adding and computing machines. 2,823,343, 2-11-58, Cl. 318-325.
- Landskroner, Abraham and S. Portable lifting device. 2,863,569, 12-9-58, Cl. 212-71.
- Landskroner, Samuel: *See*—
- Landskroner, Abraham and S. 2,863,569.
- Landwehr, Arthur J., and J. D. Cummings; said Landwehr assor, to said Cummings. Gas cock wrench. 2,858,710, 11-4-58, Cl. 74-543.
- Lane, Albert K. Hydrocolloid impression cooler. 2,863,215, 12-9-58, Cl. 32-17.
- Lane, Arnold. Dispenser for detergents. 2,857,940, 10-28-58, Cl. 141-260.
- Lane, Bernard F. A., and P. Ramsden, to D. Napier & Son Ltd. Catalytic bed assemblies. 2,865,721, 12-23-58, Cl. 23-288.
- Lane, Charles C., and W. C. Mahoney. Method and apparatus for sharpening scriber points. 2,864,206, 12-16-58, Cl. 51-157.
- Lane, Clarence B., R. France, and H. Gold, to National Dairy Products Corp. Vat or pasteurizer method for preparing cultured cream. 2,832,687, 4-29-58, Cl. 99-59.
- Lane, Claude A.: *See*—
- Hierath, Doran C., and Lane. 2,866,506.
- Kaiser, Harold R., Lane, and Shockey. 2,865,564.
- Lane, Claude A., and D. H. A. Hageman, to Hughes Aircraft Co. Circuits for clamping voltage levels in gating matrices. 2,853,630, 9-23-58, Cl. 307-88.5.
- Lane Container Co.: *See*—
- Lane, David T. 2,838,356.
- Lane, Dan R. Adjustable packing container for frangible plates. 2,861,681, 11-25-58, Cl. 206-62.
- Lane, David T., to Lane Container Co. Reinforcing hanger means for a collapsible wardrobe. 2,838,356, 8-10-58, Cl. 312-259.
- Lane, Earl W., to Rohm & Haas Co. Alkylhalopentenyl sulfides. 2,829,172, 4-1-58, Cl. 260-609.
- Lane, Earl W., to Rohm & Haas Co. Bis(halopentenoxo)-alkanes. 2,829,174, 4-1-58, Cl. 260-615.
- Lane, Earl W., to Rohm & Haas Co. Polyalkylphenylpentenyl halides. 2,830,096, 4-8-58, Cl. 260-651.
- Lane, Earl W., to Rohm & Haas Co. Quaternary ammonium compounds. 2,842,546, 7-8-58, Cl. 260-247.
- Lane, Earl W., to Rohm & Haas Co. Low foaming non-ionic surface-active agents. 2,850,535, 9-2-58, Cl. 260-613.
- Lane, Edwin L. Hydraulic pumps. 2,851,952, 9-16-58, Cl. 103-37.
- Lane, Harold W. Fluid pressure actuated suspension system for vehicle suspensions. 2,857,171, 10-21-58, Cl. 280-112.
- Lane, Herbert D. Automatic fire alarm. 2,859,723, 11-11-58, Cl. 116-106.
- Lane, John J., to The Guiberson Corp. Annulus packer. 2,836,252, 5-27-58, Cl. 166-204.
- Lane, Montie J. Jeeping electrodes. 2,866,156, 12-23-58, Cl. 324-54.

- Lane, Robert B.: *See*—
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- Lane, Russell W.: *See*—
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- Lane, Trent, to Esso Research and Engineering Co., Reactivation of hydroforming catalyst. 2,849,406, 8-26-58, Cl. 252-413.
- Lanefski, John P., to Machlett Laboratories, Inc., X-ray tube structure. 2,850,656, 9-2-58, Cl. 313-59.
- Lanfear, Joseph P., 50% to E. F. Leary and 50% to Drainall Corp., Garbage disposal apparatus. 2,844,330, 7-22-58, Cl. 241-257.
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- Lang, Alfred, and M. Schweizer, to Elektro Mechanik G. m. b. H., Immersion electrical measuring instruments. 2,857,559, 10-21-58, Cl. 317-155.5.
- Lang, Andrew K., to North American Philips Co., Inc., X-ray fluorescent analysis apparatus. 2,837,655, 6-3-58, Cl. 250-52.
- Lang, Arthur J.: *See*—
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Hardman, Kenneth V., Lang, and Doane. 2,854,684.
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- Lang, Ernest U., to International Business Machines Corp., Punching mechanism. 2,818,924, 1-7-58, Cl. 164-124.
- Lang, Ernest U., to The Reliance Electric and Engineering Co., Safety spring cartridge. 2,842,355, 7-8-58, Cl. 267-1.
- Lang, Ernest U., to National-Standard Co., Cradle. 2,853,848, 9-30-58, Cl. 57-127.5.
- Lang, George J., Hose connector. 2,819,097, 1-7-58, Cl. 285-81.
- Lang, George J., Liquid meter. 2,826,916, 3-18-58, Cl. 73-273.
- Lang, Gus W., Machine for making valley tile. 2,847,749, 8-19-58, Cl. 25-43.
- Lang, Harold M., to Pan American Petroleum Corp., Generating seismic waves. 2,846,019, 8-5-58, Cl. 181-5.
- Lang, Heinrich, to Durex, S. A., Diesel engine. 2,837,068, 6-3-58, Cl. 123-22.
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- Lang, John L., to The Dow Chemical Co., Interpolymers of styrene with elastomeric tripolymers and method of preparation. 2,861,974, 11-25-58, Cl. 260-45.5.
- Lang, John M., and R. P. Graham, to Chance Vought Aircraft, Inc., Mechanism for ejecting rockets from an aircraft. 2,826,120, 3-11-58, Cl. 89-1.7.
- Lang, Joseph C., to Bofil Corp., Stapling apparatus. 2,845,626, 8-5-58, Cl. 1-48.1.
- Lang, Karl F.: *See*—
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- Lang, Karl F., and M. Froitzheim, Process for the preparation of azulenes. 2,823,239, 2-11-58, Cl. 260-666.
- Lang, Karl F., H. Schildwachter, and A. Hupe, to Rutgerswerke-Akt., Azeotropic distillation of aromatic isopropyl compounds from phenol. 2,862,855, 12-2-58, Cl. 202-42.
- Lang, Louis, and R. J. Baird, to The National Sugar Refining Co., Eliminating rancidity of glyceridic oils. 2,827,472, 3-18-58, Cl. 260-427.
- Lang, Maurice, to United States Electric Mfg. Corp., Dry cells and method of making the same. 2,823,246, 2-11-58, Cl. 136-107.
- Lang, Maurice, and T. A. Terjesen, to United States Electric Mfg. Corp., Wafer-type cells for dry batteries and method for making same. 2,844,641, 7-22-58, Cl. 136-111.
- Lang, Murray J., to Refrigeration Package Spacers, Inc., Refrigeration package. 2,824,013, 2-18-58, Cl. 99-192.
- Lang, Paul F.: *See*—
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- Lang, Samuel V., Sr., Leg garment. 2,835,990, 5-27-58, Cl. 36-2.
- Langan, John F., to Michle-Goss-Dexter, Inc., Film record cards and method of making the same. 2,859,550, 11-11-58, Cl. 40-158.
- Langbart, Reginald V., and H. R. Pearce, to Toppers of Northampton Ltd., Counting or registering apparatus. 2,821,953, 2-4-58, Cl. 116-131.
- Langbaum, Murray, Spinning smoker's stand. 2,849,178, 8-26-58, Cl. 232-43.2.
- Langdon, Arthur J., Package for sterile articles. 2,845,173, 7-29-58, Cl. 206-63.2.
- Langdon, Jesse D., Adjustable tires. 2,819,750, 1-14-58, Cl. 152-176.
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- Langdon, William K., to Wyandotte Chemicals Corp., Aqueous feed process for synthesizing carbon-substituted piperazines. 2,835,673, 5-20-58, Cl. 260-268.
- Lange, Carl A., to The Apex Machine and Tool Co., Magnetic driving tool. 2,838,082, 6-10-58, Cl. 145-50.
- Lange, Edmund C., Sun visor. 2,832,558, 4-29-58, Cl. 248-278.
- Lange, Emil, Device for disconnecting high-powered electric arcs. 2,854,551, 9-30-58, Cl. 200-146.
- Lange, Fred W., and M. E. Shaw, to Whirlpool Corp., Clutch mechanism for a sewing machine drive. 2,863,410, 12-9-58, Cl. 112-220.
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- Lange, Guenther: *See*—
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- Lange, Günther, to C. Zeiss, Photographic objective. 2,826,115, 3-11-58, Cl. 88-57.
- Lange, Guenther, to Carl Zeiss, Interchangeable lens system for photographic purposes. 2,835,168, 5-20-58, Cl. 88-57.
- Lange, Guenther, to Carl Zeiss, Photographic objective. 2,844,997, 7-29-58, Cl. 88-57.
- Lange, William F., to Peabody Engineering Corp., Fuel burner. 2,831,535, 4-22-58, Cl. 158-76.
- Langeais, Edmond: *See*—
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- Langen, Ole H.: *See*—
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- Langen, Ole H., and R. L. Dugger, to The Unipress Co., Inc., Rotary pressing machine improvements. 2,854,769, 10-7-58, Cl. 38-5.
- Langen, Viktor, J. Latzen, J. Vogt, and J. Ortheil, to A. Ehrenreich & Cie., Ball and socket joints. 2,861,827, 11-25-58, Cl. 287-90.
- Langenbacher, Robert S., to Motor Wheel Corp., Wheel height adjustment for lawn mowers. 2,836,430, 5-27-58, Cl. 280-43.
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- Langer, Arthur W., Jr.: *See*—
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- Langer, Arthur W., Jr., to Esso Research and Engineering Co., Catalytic metal-modified resin. 2,861,045, 11-18-58, Cl. 252-430.
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- Langford, Robert C., and F. W. Sippach, Jr., to Daystrom, Inc., Method and apparatus for testing electronic circuits and components. 2,859,343, 11-4-58, Cl. 250-27.
- Langguth, Robert P., to Monsanto Chemical Co., Recovery of ammonia and pyridine. 2,849,288, 8-26-58, Cl. 23-107.
- Langhart, Victor K., and C. O. Huffman, to Pittsburgh Plate Glass Co., Pressing apparatus for glass laminates. 2,825,671, 3-4-58, Cl. 154-2.7.
- Langheck, Richard, to Wilhelm Sihn, Jr., K. G., Extensible telescope antenna. 2,823,771, 2-18-58, Cl. 189-26.
- Langheim, Robert: *See*—
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- Langis, Andre L., G. S. Myers, and G. A. Grant, to American Home Products Corp., Bronchodilator compounds. 2,854,483, 9-30-58, Cl. 260-570.6.
- Langley, Cyril W.: *See*—
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- Langlois, Gordon E., and J. D. Kemp, to California Research Corp., Polymerization process employing a liquid phosphoric and catalyst. 2,835,716, 5-20-58, Cl. 260-683.15.
- Langlois, Gordon E., and W. M. Haunschild, to California Research Corp., Process for securing and maintaining catalytic activity of phosphoric acid type catalysts. 2,843,639, 7-15-58, Cl. 260-683.15.
- Langlois, Gordon E., and E. D. Noble, to California Research Corp., Hydrocarbon conversion process employing a catalyst pretreatment. 2,843,640, 7-15-58, Cl. 260-683.15.
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- Langlois, Roland E.: *See*—
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- Langlois, Roland E., H. A. Boulay, and L. G. Blumenbaum, to Technical Service, Inc., Lace web separation. 2,837,808, 6-10-58, Cl. 28-1.
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Fried, Josef, Perlman, Langlykke and Titus. 2,855,410.
- Langridge, Thomas F., and R. I. Conn, Stop for multi-speed gear shift. 2,858,707, 11-4-58, Cl. 74-473.
- Langsfeld, William P., to Turco Products, Inc., Method for etching metals. 2,828,192, 3-25-58, Cl. 41-42.
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- Langsdorf, William P., Jr., and G. S. Stamatoff, to E. I. du Pont de Nemours and Co., Metalorganic compounds as initiators for the polymerization of formaldehyde. 2,848,437, 8-19-58, Cl. 260-67.

- Langstroth, Hal. Fluid actuated switch. 2,836,671, 5-27-58, Cl. 200-83.
- Langstroth, Theodore A.: *See*—
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- Langton, William G., to United States of America, Navy. Wire rolling apparatus. 2,835,153, 5-20-58, Cl. 80-19.
- Langworthy, David C., to Magnetic Metals Co. Shield for cathode ray tubes and process of making the same. 2,860,328, 11-11-58, Cl. 340-367.
- Langworthy, James H., and R. A. Quinn, to North American Aviation, Inc. Tube shielding. 2,845,474, 7-29-58, Cl. 171-37.
- Langworthy, Martin F. Milk solids compositions and method of making. 2,844,481, 7-22-58, Cl. 106-146.
- Langworthy, Richard E.: *See*—
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- Langworthy, William P. Coating and annealing process for magnetic materials and coated article produced thereby. 2,828,233, 3-25-58, Cl. 148-122.
- Lanham, William E. Roll dump and turn over. 2,822,912, 2-11-58, Cl. 214-308.
- Lanham, William M., to Union Carbide Corp. Tetrahydro-pyran-yl and alkyltetrahydro-pyran-yl-substituted spiro heterocyclic phosphorus compounds. 2,827,468, 3-18-58, Cl. 260-345.9.
- Lanham, William M., to Union Carbide Corp. Production of heterocyclic dithiophosphoric esters. 2,841,605, 7-1-58, Cl. 260-461.
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- Laningham, Ray J. Vacuum cleaner brush head. 2,824,334, 2-25-58, Cl. 15-325.
- Lankenau, Henry G., to Chicago Bridge and Iron Co. Multiple effect evaporator. 2,840,154, 6-24-58, Cl. 159-20.
- Lankenau, Henry G., to Chicago Bridge and Iron Co. Entrainment separator. 2,859,832, 11-11-58, Cl. 183-79.
- Lankes, Richard, to H. and F. W. Deckel. Device for observing an optical matching action. 2,838,889, 6-17-58, Cl. 51-16.5.
- Lankes, Richard, to H. and F. W. Deckel. Projection microscopes. 2,854,887, 10-7-58, Cl. 88-24.
- Lankford, Francis M. Slush pump pistons. 2,819,131, 1-7-58, Cl. 309-4.
- Lankford, Harry G. Clamp means. 2,836,117, 5-27-58, Cl. 102-2.
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- Lannert, William H., to Chicago Pump Co. Transfer and comminuting device. 2,855,102, 10-7-58, Cl. 210-159.
- Lannert, William H., to Chicago Pump Co. Comminuting cylinder with individual mounted cutting and shearing teeth. 2,865,572, 12-23-58, Cl. 241-294.
- Lanni, Michael J., and S. J. Noveck, to Bendix Aviation Corp. Releaseable locking device. 2,826,080, 3-11-58, Cl. 74-5.1.
- Lanning, Walter C., to Sperry Rand Corp. Shifting register. 2,828,477, 3-25-58, Cl. 340-174.
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- Lanning, William C., to Phillips Petroleum Co. Process of separating olefin polymers. 2,860,125, 11-11-58, Cl. 260-93.7.
- Lanning, William C., and A. Clark, to Phillips Petroleum Co. Production of aromatic hydrocarbons. 2,819,325, 1-7-58, Cl. 260-673.
- Lanning, William C., and R. T. Wilson, to Phillips Petroleum Co. Hydrogenolysis of petroleum hydrocarbons. 2,864,762, 12-16-58, Cl. 208-112.
- Lanoey, Cornelis, to North American Philips Co., Inc. Spirometer. 2,837,083, 6-3-58, Cl. 128-208.
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- Lanski, Harry. Layout guide clamp. 2,841,879, 7-8-58, Cl. 33-189.
- Lantermann, Ernst, deceased, by H. Lantermann, administrator/executor, to Siemens-Schuckertwerke Akt. Turbine apparatus. 2,854,212, 9-30-58, Cl. 253-78.
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- Lantz, Claude W.: *See*—
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- Lanza, Peter. Filter cigarette construction. 2,828,750, 4-1-58, Cl. 131-10.
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- Lapeyre, Fernand S., and J. M., to The Peelers Co. Machine for peeling shrimp. 2,832,092, 4-29-58, Cl. 17-2.
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- Lapeyre, James M.: *See*—
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- Lapham, Sidney D., to Industrial Hard Chrome Plating Corp. Anode rack for plating cylinders. 2,856,344, 10-14-58, Cl. 204-272.
- Lapierre, Leo A. Intermittent or continuous traction device. 2,861,565, 11-25-58, Cl. 128-71.
- La Pierre, Raymond, to Merck & Co., Inc. Stabilized pantothenic acid compositions. 2,864,701, 12-16-58, Cl. 99-2.
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- La Porte, George C., E. W. Taylor, and C. H. Spence. Seal and dust guard for journal box. 2,833,570, 5-6-58, Cl. 286-6.
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- Lappala, Risto P., to Griffolyn Co., Inc. Reinforced tear-resistant material. 2,851,389, 9-9-58, Cl. 154-46.
- Lappala, Risto P., to Bjorksten Research Laboratories, Inc. Room temperature setting adhesive. 2,859,200, 11-4-58, Cl. 260-45.5.
- Lappala, Risto P., to Bjorksten Research Laboratories, Inc. Body of polymerizable material containing catalyst and carrier. 2,864,492, 12-16-58, Cl. 206-47.
- Lappe, Fritz. Heat supplying high frequency apparatus. 2,833,925, 5-6-58, Cl. 250-40.
- Lappe, Wilhelm, to Firma Fritz Werner Akt. Apparatus for releasably locking machine tool carriages and the like. 2,850,127, 9-2-58, Cl. 192-2.
- Lappin, Gerald R.: *See*—
Bell, Alan, and Lappin. 2,848,335.
- Lappin, Gerald R., and L. D. Moore, Jr., to Eastman Kodak Co. Linear polyester compositions containing a gentisic acid derivative as a heat stabilizer. 2,835,648, 5-20-58, Cl. 260-45.9.
- Lappin, Gerald R., and J. W. Tambllyn, to Eastman Kodak Co. Polyolefin compositions containing certain 2-hydroxy-4-alkoxy benzophenones. 2,861,053, 11-18-58, Cl. 260-45.95.
- Lappin, Gerald R., and J. W. Thompson, to Eastman Kodak Co. Stabilized motor fuels. 2,865,723, 12-23-58, Cl. 44-71.
- Lappin, Lester S., to Radio Corp. of America. Protective circuit. 2,843,817, 7-15-58, Cl. 321-13.
- Lappin, Robert I., and L. Zaiger. Vacuum cleaner equipped with disposable bag. 2,833,372, 5-6-58, Cl. 183-43.
- Lappin, Robert I., and L. Zaiger. Mixer attachment. 2,849,896, 9-2-58, Cl. 74-665.
- Lappin, Robert I., and L. Zaiger. Power unit for kitchen appliances. 2,864,257, 12-16-58, Cl. 74-16.

- Lapsley, Robert, to Clark Equipment Co. Pump. 2,823,614, 2-18-58, Cl. 103-120.
- Lapsley, Robert, to Clark Equipment Co. Rotating fluid pump. 2,845,873, 8-5-58, Cl. 103-125.
- Lapsley, Robert, to Clark Equipment Co. Tractor shovel. 2,860,793, 11-18-58, Cl. 214-140.
- Lapsley Robert, and O. H. Banker. Transmission. 2,844,049, 7-22-58, Cl. 74-732.
- Larabell, Wilfred J., to General Motors Corp. Carpet retaining strap. 2,862,227, 12-2-58, Cl. 16-4.
- Larach, Simon: *See*—
- Mazo, Robert M., and Larach. 2,847,386.
- Larach, Simon, to Radio Corp. of America. Electroluminescent devices and materials and methods of preparation thereof. 2,859,367, 11-4-58, Cl. 313-108.
- Larcén, Jan A., to Atlas Copco Aktiebolag. Bolt or nut running machines or stopers. 2,858,722, 11-4-58, Cl. 81-52.4.
- Lard, Edwin W., to The Chemstrand Corp. Photopolymerization of acrylonitrile. 2,857,322, 10-21-58, Cl. 204-158.
- Lardenois, Fernand. Cutting machine for hard or hardened metals. 2,841,220, 7-1-58, Cl. 164-40.
- Lardi, Dominic M. Automatic ignition shut-off switch. 2,857,899, 10-28-58, Cl. 123-146.5.
- Larson, Norman N., and P. E. Beach, to Eastman Kodak Co. First exposure positioning and counter mechanism. 2,838,984, 6-17-58, Cl. 95-31.
- La Resista Corset Co., The: *See*—
- Buckley, William J. 2,864,372.
- Buckley, William J. 2,864,373.
- Hollar, John V. 2,861,575.
- Montreys, Joseph R. 2,864,377.
- Larew, John J.: *See*—
- Lynch, Edward E., and Larew. 2,824,240.
- Larew, John J., and C. E. James, to General Electric Co. Servo system. 2,856,523, 10-14-58, Cl. 250-27.
- Large, Wayne V. K., R. Soffel, and B. J. Yokelson, to Bell Telephone Laboratories, Inc. Signaling system. 2,826,638, 3-11-58, Cl. 179-16.
- Large, William E.: *See*—
- Van Ness, Hubert W., and Large. 2,840,686.
- Large, William E., to Westinghouse Electric Corp. Current regulator. 2,833,978, 5-6-58, Cl. 323-18.
- Large, William E., to Westinghouse Electric Corp. Control for resistance welding. 2,849,608, 8-26-58, Cl. 250-27.
- Larini, Giovanni: *See*—
- Alberti, Carlo G., Bernardi, Larini, and Vercellone. 2,824,878.
- Alberti, Carlo G., Vercellone, Larini, and Bernardi. 2,848,494.
- Larison, Harold E., to Lynch Corp. Adjustable timer. 2,823,698, 2-18-58, Cl. 137-622.
- Larison, Harold E., to Lynch Corp. Electric synchronizer for glass machine feeder. 2,846,818, 8-12-58, Cl. 49-5.
- Larkin, James F. Counting and packaging machine. 2,842,035, 7-8-58, Cl. 93-93.
- Larkin, John W. Rubberized button hole eyelet. 2,837,805, 6-10-58, Cl. 24-202.
- Larkin, Kenneth A., to Lear, Inc. Shaft coupling device. 2,851,868, 9-16-58, Cl. 64-31.
- Larkin, Oscar L., to Bomac Laboratories Inc. Klystron tuning structure. 2,862,138, 11-25-58, Cl. 315-5.53.
- Larkin, Robert B., Jr., to The Patrol Valve Co. Low input pilot burner. 2,828,814, 4-1-58, Cl. 158-115.
- Larkin, William W.: *See*—
- Kelly, William J., Jr., and Larkin. 2,839,163.
- Larkin, Walter, to Fidelity Machine Co., Inc. Synchronized drive means for circular knitting machines. 2,863,309, 12-9-58, Cl. 66-95.
- Larkins, John S., Jr., to Elox Corp. of Michigan. EDM electrode material. 2,863,766, 12-9-58, Cl. 75-178.
- Larky, Norbert D., and R. G. Shankweiler, to United States of America, Navy. Heat exchanging connector. 2,838,740, 6-10-58, Cl. 339-112.
- La Rocque, John W.: *See*—
- Parish, Richard L., Jr., and La Rocque. 2,842,282.
- La Roe, Earl G.: *See*—
- Lubowitz, Hyman R., and La Roe. 2,861,922.
- La Rosa, Joseph M. Garment bag. 2,839,183, 6-17-58, Cl. 206-7.
- La Rose, William T.: *See*—
- Miles, Stephen T., and La Rose. 2,852,809.
- La Roche, Oscar J. Door holding clamp. 2,830,632, 4-15-58, Cl. 144-296.
- Larrabee, Clifford E., to Chas. Pfizer & Co., Inc. Intermediate for pyridoxine and process. 2,860,141, 11-11-58, Cl. 260-295.5.
- Larrabee, Clinton E., to International Business Machines Corp. Automatic time recorder. 2,821,135, 1-28-58, Cl. 101-287.
- Larrabee, Robert C. Corner bead applying apparatus. 2,859,445, 11-11-58, Cl. 1-260.
- Larrison, John E.: *See*—
- Holaday, Charles E., Cooke, Marble, and Larrison. 2,825,026.
- Larsen, Aubrey A., to Sterling Drug Inc. N-(β -(3-amino-2,4,6-trifluorophenyl) propionyl) amino acids, N-acyl derivatives thereof, and process. 2,840,602, 6-24-58, Cl. 260-518.
- Larsen, Aubrey A., and B. F. Tullar, to Sterling Drug Inc. Dextro-6-dimethylamino-4,4-diphenyl-5-methyl-3-hexanone, salts thereof and preparation thereof. 2,841,609, 7-1-58, Cl. 260-465.
- Larsen, Bernard M., to United States Steel Corp. Furnace and method for making steel. 2,820,706, 1-21-58, Cl. 75-52.
- Larsen, Carl H., to American Machine & Foundry Co. Self leveling storing and dispensing apparatus. 2,833,442, 5-6-58, Cl. 220-93.
- Larsen, Edward S., and C. A. Levin, to United States of America, Navy. Automatic locking means for keyboards. 2,840,216, 6-24-58, Cl. 197-4.
- Larsen, Einer W.: *See*—
- Birchler, Robert O., Larsen, and Rasmussen. 2,848,223.
- Larsen, Einer W., and B. L. Wright, to Western Electric Co., Inc. Apparatus for continuous loading of articles into magazines. 2,846,832, 8-12-58, Cl. 53-60.
- Larsen, Fritz P. Box with cover. 2,819,813, 1-14-58, Cl. 220-43.
- Larsen, Hugh W., G. H. Primeau, and W. O. Robbins, to General Motors Corp. Drive noise insulating means. 2,818,82, 8-26-58, Cl. 64-1.
- Larsen, Leonard O., and W. O. Simpson, to Western Electric Co., Inc. Machine for automatically coiling stiff wire into a helix. 2,845,986, 8-5-58, Cl. 153-64.
- Larsen, Lester J., to Bendix Aviation Corp. Power steering device. 2,828,641, 4-1-58, Cl. 74-388.
- Larsen, Lester J., and J. O. Byers, Jr., to Bendix Aviation Corp. Positive displacement pump. 2,855,858, 10-14-58, Cl. 103-161.
- Larsen, Lyle V.: *See*—
- Wissmiller, Ivan L., and Larsen. 2,861,715.
- Larsen, Lyle V., to Chicago Bridge & Iron Co. Emergency drain. 2,846,109, 8-5-58, Cl. 220-26.
- Larsen, Paul V., to Electric Steel Foundry Co. Drag hitch assembly. 2,862,314, 12-2-58, Cl. 37-135.
- Larsen, Robert A., and S. A. Matz, to United States of America, Army. Method of making non-caked infestation-resistant flour. 2,833,655, 5-6-58, Cl. 99-153.
- Larsen, Robert F.: *See*—
- Kiely, Philip G., and Larsen. 2,853,388.
- Larsen, William R., and O. A. Short, to E. I. du Pont de Nemours and Co. Vitriifiable flux and silver compositions containing same. 2,822,279, 2-4-58, Cl. 106-48.
- Larsen, Wilmer C. Device for holding solder. 2,833,239, 5-6-58, Cl. 113-111.
- Larsen, Wilmer C. Fish hook. 2,828,573, 4-1-58, Cl. 43-44.2.
- Larson, Algot, and H. A. Smith, to Unique Balance Co., Inc. Pre-tensionable sash balance. 2,825,089, 3-4-58, Cl. 16-197.
- Larson, Carl A., to Minnesota and Ontario Paper Co. Trimmer gate. 2,856,056, 10-14-58, Cl. 198-23.
- Larson, Charles O. Miter clamp and gauge. 2,838,081, 6-10-58, Cl. 144-293.
- Larson, Charles O. Hanger structure. 2,842,264, 7-8-58, Cl. 206-65.
- Larson, Christian C., to Farnsworth Research Corp. Television camera tube arrangement with fading control utilizing an additional camera tube. 2,850,565, 9-2-58, Cl. 178-7.2.
- Larson, Christian C., to International Telephone and Telegraph Corp. Crystal production. 2,858,199, 10-28-58, Cl. 23-301.
- Larson, Clarence E.: *See*—
- Carter, James M., and Larson. 2,855,270.
- Larson, Clifford E., and S. Rose. Dual brake controls. 2,819,627, 1-14-58, Cl. 74-562.5.
- Larson, Donald J., to Caterpillar Tractor Co. Ripper tooth construction having stop member to prevent wedging of tooth to shank. 2,860,861, 11-18-58, Cl. 262-8.
- Larson, Edward S., to Fairchild Camera & Instrument Corp. Keyboard perforator. 2,860,708, 11-18-58, Cl. 164-113.
- Larson, Ernest T., Jr., and H. A. Levine, to General Aniline & Film Corp. 2-mercaptopooxazolines as developer retarders. 2,855,301, 10-7-58, Cl. 96-66.
- Larson, Eva H. Freezer locker. 2,826,475, 3-11-58, Cl. 312-330.
- Larson, Harlan B. Adjustably mounted pivoted drain valve. 2,850,259, 9-2-58, Cl. 251-86.
- Larson, Ivar G. Film end clamp for winding reels. 2,829,844, 4-8-58, Cl. 242-74.2.
- Larson, Kenneth R., to Snap-On Tools Corp. Predetermined torque release, pre-set torque measuring wrench. 2,852,972, 9-23-58, Cl. 81-52.4.
- Larson, Larry C. Combination mirror and flushing device. 2,843,019, 7-15-58, Cl. 88-104.
- Larson, Martin S., to Minneapolis-Honeywell Regulator Co. Valve actuator latch means. 2,828,102, 3-25-58, Cl. 251-66.
- Larson, Mathew R.: *See*—
- Holcroft, Walter H., and Larson. 2,819,055.
- Larson, Melvin H.: *See*—
- Johnson, Rodney W., and Larson. 2,866,192.
- Larson, Melvin L.: *See*—
- Markley, Francis X., and Larson. 2,866,806.
- Larson, Ralph A.: *See*—
- Maier, Curtis E., Brockett, and Larson. 2,835,926.
- Larson, Raymond W.: *See*—
- Weaver, Maybelle C., and Larson. 2,859,975.
- Larson, Robert W. Pulpwood grapple. 2,862,756, 12-2-58, Cl. 294-88.
- Larson, Rodger G., E. R. Mittelman, and P. J. Walsh, to the United States of America as represented by the Secretary of the Navy. Switch. 2,826,718, 3-11-58, Cl. 315-39.

- Larson, Thurston E., and R. W. Lane. Apparatus and method for determining steam purity. 2,832,673, 4-29-58, Cl. 23—230.
- Larson, Vernon C., to Jersey Production Research Co. Drill hole volume logging device. 2,859,614, 11-11-58, Cl. 73—149.
- Larson, Walter N. Retractable support for trailer drawbar. 2,863,670, 12-9-58, Cl. 280—150.5.
- Larson, Winston E., and R. E. Edmondson, to The Dow Chemical Co. Polymerization in vapor phase with complex metal catalysts. 2,846,426, 8-5-58, Cl. 260—94.9.
- Larsson, Carl F., G. A. Themer, and F. E. O. Ostmar. Power producing unit. 2,823,320, 2-11-58, Cl. 290—4.
- Larsson, Ernst A., to The Ohio Brass Co. Coupler for articulated vehicles. 2,826,155, 3-11-58, Cl. 105—4.
- Larsson, Gosta E.: See—
Davidson, Gustaf F. M., and Larsson. 2,823,864.
- Larsson, Johan O. Multiple stage mill, with steeply conical shape pregrinding zone and flat disk terminal fine grinding zone. 2,823,871, 2-18-58, Cl. 241—162.
- Larsson, Lars, to Aktiebolaget Westerasmaskiner. Vehicle endless belt tensioning means. 2,859,068, 11-4-58, Cl. 305—8.
- Larsson, Sven G. O., to Husqvarna Vapenfabriks Aktiebolag. Safety device for firearms. 2,843,960, 7-22-58, Cl. 42—70.
- Larter, William C.: See—
Haley, Kenneth M., Trask, and Larter. 2,834,043.
- La Rue, Albert D., to the United States of America as represented by the Secretary of the Navy. Bushing for magnetron. 2,822,497, 2-4-58, Cl. 313—240.
- La Rue, Albert D., to Raytheon Mfg. Co. Magnetron output coupling devices. 2,836,764, 5-27-58, Cl. 315—39.
- La Rue, Albert D., to Raytheon Mfg. Co. Laminated magnetron constructions. 2,837,696, 6-3-58, Cl. 315—39.75.
- La Rue, Albert D., and P. J. Lazarkis, to Raytheon Mfg. Co. Radiant energy generation. 2,832,007, 4-22-58, Cl. 315—39.75.
- La Rue, Donald G., to Kaiser Aluminum & Chemical Corp. Vehicle. 2,846,263, 8-5-58, Cl. 296—28.
- La Rue, John W.: See—
Hall, Howard N., and La Rue. 2,859,818.
- La Rue, Mervin W., Jr.: See—
Bagby, John P., Freeland, and La Rue. 2,841,064.
Bagby, John P., Freeland, Stanley, and La Rue. 2,858,754.
- La Rue, Richard L. Cotton picking spindle with resiliently supported barbs. 2,832,186, 4-29-58, Cl. 56—50.
- La Rue, Richard M., to the United States of America as represented by the Secretary of the Navy. Cartridge feeding mechanism. 2,829,562, 4-8-58, Cl. 89—33.
- La Russa, Anthony A., to United States of America, Army. Bed construction. 2,860,351, 11-18-58, Cl. 5—178.
- La Salle Oil Burner Co., Inc.: See—
Cutler, Herman J. 2,865,364.
- La Salle Steel Co.: See—
Nachtman, Elliot S. 2,858,243.
- La Salle Tool, Inc.: See—
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- Lasar, Albert R., and G. W. Charles, to A. P. Green Fire Brick Co. Lightweight insulating firebrick and method of manufacture. 2,865,772, 12-23-58, Cl. 106—67.
- Lasar, Theodore: See—
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- Lasar, William. Meat sawing device having removable stationary table. 2,850,055, 9-2-58, Cl. 143—132.
- Lasater, John A.: See—
Jackson, Alonzo C. and F. B., and Lasater. 2,840,150.
Northington, Samuel C., Jr., and Lasater. 2,850,775.
- Lasater, John A., to Herman Pneumatic Machine Co. Molding apparatus having mandrel with eccentric portion. 2,821,755, 2-4-58, Cl. 22—22.
- Lasater, John A., and T. A. Deakins, to Herman Pneumatic Machine Co. Centrifugal casting apparatus and process. 2,849,769, 9-2-58, Cl. 22—65.
- Laschenski, Joseph B., to Philco Corp. Signal-seeking device. 2,864,957, 12-16-58, Cl. 250—40.
- Lasdon Foundation, Inc.: See—
Barry, Vincent C. 2,827,509.
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- Laser, William F., to City National Bank and Trust Co. of Chicago, as trustee under the Cartridge Type Seal Liquidation Trust. Rotary seal. 2,858,149, 10-28-58, Cl. 286—11.14.
- Lash, Joseph F., to General Motors Corp. Unbalance data correction apparatus. 2,828,911, 4-1-58, Cl. 235—61.
- Lasher, Walter R. Clamp installation tool. 2,842,991, 7-15-58, Cl. 81—9.3.
- Lashley, Everett R.: See—
Montagna, Amelio E., and Lashley. 2,866,817.
Montagna, Amelio E., and Lashley. 2,866,818.
Montagna, Amelio E., and Lashley. 2,866,819.
- Lashley, Everett R., Jr.: See—
Montagna, Amelio E., and Lashley. 2,820,820.
- Laskowski, Stanley C.: See—
Clinton, Raymond O., and Laskowski. 2,847,344.
- Lassen, Hans G., Jr. to H. R. Lewis, and Jr. to A. E. Hulcher. Trailer chassis lowering means. 2,861,811, 11-25-58, Cl. 280—43.
- Lassfolk, Oscar E.: See—
Newhouse, Walter F., Lassfolk, and Smith. 2,862,207.
- Lassinger, Vernon I. Carpenter's jointing fulcruming device. 2,821,358, 1-28-58, Cl. 254—17.
- Lassiter Corp.: See—
Stone, Orison W. 2,865,555.
- Lassiter, Frederic H. Yarn tension controlled yarn feeding apparatus. 2,838,923, 6-17-58, Cl. 66—132.
- Lassman, Benjamin, to Benjamin Lassman & Son. Pressure bonding system for solid particles. 2,855,628, 10-14-58, Cl. 18—16.
- Lassman, Benjamin, & Son: See—
Lassman, Benjamin. 2,855,628.
- Lassy, Carl O. Vise lock. 2,834,221, 5-13-58, Cl. 74—503.
- Lassy, Carl O. Lock mechanism for vise or clamp. 2,838,948, 6-17-58, Cl. 74—4248.
- Laster, Edward C., Sr.: See—
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- Laster, Edward C., Sr., and T. L. Menge, Sr. Fluid-operated deep-well pump. 2,837,030, 6-3-58, Cl. 103—46.
- Laster, Richard: See—
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- Laster, Richard, H. S. Bower, M. Doumas, and A. Huste, to General Foods Corp. Spray drying process. 2,824,807, Cl. 99—130.
- Laster, Walter R.: See—
Halberg, Robert W., and Laster. 2,826,051.
- Lastnik, Abraham L.: See—
Wilkins, Hubert, and Lastnik. 2,818,857.
- Latapie, Marcel, to Saint-Chamond-Granat. Device for controlling the correspondence of the positions of two movable members in relation to stationary members. 2,828,481, 3-25-58, Cl. 340—268.
- Latham, Allen, Jr., to Arthur D. Little, Inc. Evacuating a mass of powdery insulation. 2,863,584, 12-9-58, Cl. 220—9.
- Latham, Charles C., Jr., to United States of America, Army. Integral base closure. 2,848,947, 8-26-58, Cl. 102—56.
- Latham, Howard M. Artificial fish lures. 2,835,068, 5-20-58, Cl. 43—42.16.
- Lathrop, Elbert C.: See—
Aronovsky, Samuel I., and Lathrop. 2,835,574.
- Lathrop, Harold F.: See—
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- Lathrop, Harold F., to Amana Refrigeration, Inc. Diffuser. 2,858,760, 11-4-58, Cl. 98—40.
- Lathrop-Paulson Co., The: See—
Barski, Julius J. 2,826,290.
Barski, Julius J. 2,832,480.
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- Lathrop, Richard A. Bubble guns. 2,839,868, 6-24-58, Cl. 46—8.
- Lathrop, Robert P., to Baldwin-Lima-Hamilton Corp. Dynamometer block. 2,839,919, 6-24-58, Cl. 73—141.
- Lathrop, Robert P. Apparatus for establishing concentric operation of phonograph sound grooves. 2,863,668, 12-9-58, Cl. 274—9.
- Lathrop, William M., to Cummings & Sander. Buckle. 2,846,745, 8-12-58, Cl. 24—179.
- Latimer, De Witt T., Jr., to the United States of America as represented by the Secretary of the Navy. Angular position indicating system. 2,829,364, 4-1-58, Cl. 343—106.
- Latimer, Edward W., and C. E. Finlof. Building brace. 2,856,646, 10-21-58, Cl. 20—4.
- Latimer, James T., to Jackson Industries, Inc. Apparatus for chipping wood. 2,827,934, 3-25-58, Cl. 144—176.
- Latimer, Maurice C. Illuminated signs. 2,818,667, 1-7-58, Cl. 40—130.
- Latila, Joseph A. Wrecking tool. 2,852,228, 9-16-58, Cl. 254—131.
- Latour, André, to Etablissements Merlin & Gerin. Electrodynamic compensation device for pressure contacts. 2,821,594, 1-28-58, Cl. 200—87.
- La Tour, Harry, and D. C. Perry, to Armco Steel Corp. Anodizing of aluminum coated objects. 2,839,155, 6-17-58, Cl. 204—28.
- La Tour, Harry, and H. D. Wren, to Armco Steel Corp. Mining of taconite ores using high frequency magnetic energy. 2,859,952, 11-11-58, Cl. 262—1.
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- Latta, Harry. Saw sharpener. 2,828,653, 4-1-58, Cl. 76—40.
- Lattin, Leonard E. Electric shaver having combined reciprocatory and oscillatory cutting members. 2,823,453, 2-18-58, Cl. 30—43.
- Lattner, Bernie L., and C. R. Chafy, to Lattner Bros. Machine Co. Compound slide milling attachment. 2,861,503, 11-25-58, Cl. 90—15.
- Lattner Bros. Machine Co.: See—
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- Lattuca, John J., to Best Plastics Corp. Plastic flower pot. 2,859,557, 11-11-58, Cl. 47—34.
- Lattuca, John J., to Best Plastics Corp. Plastic novelty and method of making the same. 2,866,575, 12-30-58, Cl. 220—94.
- Latzen, Josef: See—
Langen, Viktor, Latzen, Vogt, and Ortheil. 2,861,827.
- Latzen, Josef H., to A. Ehrenreich & Cie. Ball joint. 2,845,290, 7-29-58, Cl. 287—90.
- Latze, Benjamin C. Trailer for transporting boats, etc. 2,827,100, 7-20-58, Cl. 719—503.
- Lau Blower Co., The: See—
Wentling, William H. 2,830,752.
Wentling, William H. 2,830,779.
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Wilken, Carl E. 2,852,182.
- Lau, Erwin M., to Black Products Co. Bag settling device. 2,863,475, 12-9-58, Cl. 141—77.

- Lau, Karl, to Ernst Winter & Sohn. Diamond grinding and polishing device. 2,826,877, 3-18-58, Cl. 51-168.
- Laub, Edward M. Wedge hook. 2,866,269, 12-30-58, Cl. 33-85.
- Laub, Ernest S. V. Allergy testing device. 2,841,138, 7-1-58, Cl. 128-2.
- Laub, Ernest S. V. Allergen applicators. 2,866,452, 12-30-58, Cl. 128-2.
- Laub, John H. Servo system or the like. 2,832,018, 4-22-58, Cl. 318-29.
- Laubach, Gerald D.: *See*—
- Agnello, Eugene J., and Bloom. 2,831,001.
- Agnello, Eugene J., Bloom, and Laubach. 2,835,683.
- Agnello, Eugene J., Bloom, and Laubach. 2,835,684.
- Agnello, Eugene J., and Laubach. 2,836,607.
- Agnello, Eugene J., and Laubach. 2,864,830.
- Agnello, Eugene J., and Laubach. 2,865,808.
- Bloom, Barry M., and Laubach. 2,834,783.
- Gardolci, Joseph F., Hutcheon, Laubach, and Pan. 2,812,478.
- Pinson, Ellis R., Jr., and Laubach. 2,831,873.
- Laubach, Gerald D., to Chas. Pfizer & Co., Inc. Halogenated steroids. 2,820,736, 1-21-58, Cl. 167-52.
- Laubach, Gerald D., to Chas. Pfizer & Co., Inc. Water soluble steroids. 2,820,737, 1-21-58, Cl. 167-52.
- Laubach, Gerald D., to Chas. Pfizer & Co. Δ 6,8-allopregnadiene-3 β -ol-20-one 11,14-epoxide and esters thereof. 2,833,762, 5-6-58, Cl. 260-239.55.
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- Laubach, Gerald D., to Chas. Pfizer & Co., Inc. Process for preparing 11-oxygenated nuclear-saturated steroids. 2,851,452, 9-30-58, Cl. 260-239.55.
- Laubach, Gerald D., and K. J. Brunings, to Chas. Pfizer & Co., Inc. 3 β -hydroxy- Δ 6,8(14) steroids and process of preparation of the same. 2,838,527, 6-10-58, Cl. 260-397.2.
- Laubach, Howard E.: *See*—
- Hake, Walter T., and Laubach. 2,854,868.
- Laube, Grover, and S. Halprin, to Twentieth Century Fox Film Corp. Means for making stereoscopic pictures. 2,838,975, 6-17-58, Cl. 88-14.6.
- Laubender, Ludwig, to Firma Krauss-Maffei A. G. Cylinder and piston arrangement. 2,845,917, 8-5-58, Cl. 123-191.
- Laubenthal, Omer J. Flexible door. 2,843,201, 7-15-58, Cl. 160-354.
- Laubscher, Aner N., to United States Steel Corp. Method of inhibiting oxidation of tin-plate. 2,839,428, 6-17-58, Cl. 117-132.
- Laubscher, Aner N., and G. H. Rendel, to United States Steel Corp. Method and apparatus for continuously applying a protective film of lacquer to steel strip. 2,833,672, 5-6-58, Cl. 117-103.
- Laubscher, Paul R., to Sylvania Electric Products Inc. Getter flashing. 2,829,941, 4-8-58, Cl. 316-30.
- Laucher, Richard G., to Westinghouse Electric Corp. Afterburner for turbo jet engines and the like. 2,828,603, 4-1-58, Cl. 60-35.6.
- Laucher, Richard G., to Marquardt Aircraft Co. Variable area exhaust nozzle. 2,831,321, 4-22-58, Cl. 60-35.6.
- Laucher, Richard G., to Westinghouse Electric Corp. Longitudinally movable shroud and variable area exit nozzle for jet engine afterburner. 2,840,984, 7-1-58, Cl. 60-35.6.
- Laudius, Joseph F., and R. A. Pearson, to E. I. du Pont de Nemours and Co. Process of dyeing wool. 2,835,550, 5-20-58, Cl. 8-43.
- Lauck, Albert G., to Owens-Illinois Glass Co. Glassware forming apparatus. 2,818,684, 1-7-58, Cl. 49-69.
- Lauck, Francis W., to A. O. Smith Corp. Vortex pump. 2,835,202, 5-20-58, Cl. 103-101.
- Lauck, John A., to Borg-Warner Corp. Fluid pressure hose. 2,838,074, 6-10-58, Cl. 138-49.
- Laudan, Edward P. Fishing bobber. 2,826,850, 3-18-58, Cl. 43-17.5.
- Laue, Adolph F. Drive mechanism for trench digging machines. 2,826,837, 3-18-58, Cl. 37-86.
- Lane, Erich, to MacDermid Inc. Removal of chromium from plating baths and electroplating process. 2,833,703, 5-6-58, Cl. 204-44.
- Lauer, Anton, to Telefunken Gesellschaft fuer drahtlose Telegraphie G. m. b. H. Travelling wave tube. 2,820,171, 1-14-58, Cl. 315-3.5.
- Lauer, Eugene D., to The Sharks-Withington Co. Directional signal switch mechanism. 2,830,146, 4-8-58, Cl. 200-61.37.
- Lauer, George. Halved fruit turnover apparatus. 2,832,459, 4-29-58, Cl. 198-33.
- Lauer, George. Halved fruit turnover apparatus. 2,832,460, 4-29-58, Cl. 198-33.
- Lauer, Karl H., to Columbia-Southern Chemical Corp. Method of preparing caustic soda. 2,862,793, 12-2-58, Cl. 23-185.
- Lauffer, Frederic: *See*—
- Kury, Josef, and Lauffer. 2,829,890.
- Lauffer, Frederic, to J. Bobst & Son S. A. Machines for operating on sheets, such for example as a strip-cutting press or a press for corrugating cardboard sheets. 2,849,235, 8-26-58, Cl. 271-50.
- Lauffer, Louis: *See*—
- Gutcho, Marcia, and Lauffer. 2,820,780.
- Lauffer, Maurice K., and W. D. Hall, to Grimes Mfg. Co. Instrument lighting fixtures. 2,846,567, 8-5-58, Cl. 240-8.16.
- Lauffer, Theodor, to Societe Nationale de Constructions Aeronautiques du Sud-Ouest. Rotor arrangement for rotary wing aircraft. 2,845,131, 7-29-58, Cl. 170-160.13.
- Laughlin, Allan R., to Pacific Intermountain Express Co. Tire bead breaker with circumferentially distributed thrust members. 2,832,400, 4-29-58, Cl. 157-1.28.
- Laughlin, Myron P. Bakery product heater. 2,824,943, 2-25-58, Cl. 219-35.
- Laughlin, Myron P. Rotary mower with endless tread supporting means. 2,838,900, 6-17-58, Cl. 56-25.4.
- Laughlin, Robert D., to United States of America as represented by the Secretary of the Army. Metal oxide rectifiers. 2,827,401, 3-18-48, Cl. 117-200.
- Laughter, D. Robert: *See*—
- Martin, Edwin R., and Wise. 2,859,395.
- Noodleman, Samuel. 2,828,457.
- Laughton, George A., to Jarrett Rainsford & Laughton Ltd. Sheathed toilet article. 2,841,158, 7-1-58, Cl. 132-143.
- Lauder, Ernie L.: *See*—
- Hosmer, Chester C., and Lauder. 2,846,791.
- Lauder, Ernie L., A. W. Loudon, and M. Frederick, Jr., to H. & L. Tooth Co. Work fabricating machine. 2,835,786, 5-20-58, Cl. 219-124.
- Lauder, Ernie L., A. W. Loudon, and M. Frederick, Jr., to H. & L. Tooth Co. Welding head. 2,839,666, 6-17-58, Cl. 219-130.
- Lauder, Richard L., to H. & L. Tooth Co. Rooter attachment for bulldozers or the like. 2,837,844, 6-10-58, Cl. 37-145.
- Laupman, Robert R., to Gebr. Stork & Co's Apparatfabrik N. V. Machine for screen printing stepwise movable webs of cloth. 2,866,404, 12-30-58, Cl. 101-123.
- Laurence, Lawton L., R. E. McMinin, and C. A. Siver, to Black, Sivalis & Bryson, Inc. Apparatus for separating fluids. 2,833,369, 5-6-58, Cl. 183-2.7.
- Laurenz, Herman A., and K. E. Spray, to General Motors Corp. Shell mold casting and method. 2,832,112, 4-29-58, Cl. 22-134.
- Laurie, David A.: *See*—
- Frykman, Oscar G., and Laurie. 2,822,695.
- Laurie, Douglas C., to Laurie-Massey, Inc. Method of processing citrus meats. 2,858,221, 10-28-58, Cl. 99-105.
- Laurie, Gavin W., Jr. Tire pressure indicating device. 2,866,432, 12-30-58, Cl. 116-34.
- Laurie-Massey, Inc.: *See*—
- Laurie, Douglas C. 2,858,221.
- Laurie, William A., to Monsanto Chemical Co. Process for preparing aminoplasts in bead form comprising reacting amine-aldehyde resins with anionic polyelectrolytes. 2,838,468, 6-10-58, Cl. 260-45.2.
- Laurien, Ira M.: *See*—
- Osborne, Fred H., McVetty, and Laurien. 2,850,135.
- Laurin, Silvio, to Elsi L'Elettronica L'icla S. p. A. Multiple discharger particularly for protecting telecommunication nets and the method for manufacturing it. 2,830,216, 4-8-58, Cl. 313-188.
- Lauring, Edgar A., to Minnesota and Ontario Paper Co. Method of producing flame resistant fiberboard. 2,849,316, 8-26-58, Cl. 92-21.
- Lauritzen, Arne G.: *See*—
- Moore, Alvin R., and Lauritzen. 2,832,137.
- Lauritzen, Herman P., to Stone Container Corp. Partition structure for containers. 2,830,749, 4-15-58, Cl. 229-15.
- Lauru, Lucien. Apparatus for measuring muscular forces involved in various movements. 2,860,514, 11-18-58, Cl. 73-379.
- Lautenbach, Friedrich, to H. Wohlenberg Kommanditgesellschaft. Control for gear change mechanism. 2,826,930, 3-18-58, Cl. 74-473.
- Lautenbacher, Johann, to Enna-Werk Optische Anstalt Dr. Appelt K. G. Photographic lens system with interchangeable parts. 2,829,559, 4-8-58, Cl. 88-57.
- Lautenbacher, Johann, and T. Brendel, to Enna-Werk Optische Anstalt Dr. Appelt K. G. Four-membered photographic wide-angle objective. 2,821,112, 1-28-58, Cl. 88-57.
- Lautenschlager, Hans: *See*—
- Reppe, Walter, Friederich, and Lautenschlager. 2,854,458.
- Lautenschlager, Hans, H. Friederich, E. Henkel, N. Von Kuteppow, W. Himmele, and P. Raff, to Badische Anilin- & Soda-Fabrik Akt. Production of acrylic acid and its functional derivatives. 2,845,451, 7-29-58, Cl. 260-486.
- Lauterbach, Herbert G., to E. I. du Pont de Nemours and Co. Needle. 2,857,650, 10-28-58, Cl. 28-4.
- Lauterbach, Norman E., to Ritter Co., Inc. Safety device for dental units. 2,840,432, 6-24-58, Cl. 312-209.
- Lauterbach, Norman E., to Ritter Co., Inc. Arm rest. 2,844,193, 7-22-58, Cl. 155-195.
- Lauterbach, William E.: *See*—
- Modes, Edward E., Reddi, and Lauterbach. 2,838,943.
- Lauterer, Anton, to International Standard Electric Corp. Interlocking electromagnetic relay structures. 2,825,239, 3-4-58, Cl. 74-483.
- Lauterslager, Henk: *See*—
- Boontje, Jan, and Lauterslager. 2,864,896.
- Lautinen, Uno. Set regulator for saw blades. 2,831,375, 4-22-58, Cl. 76-58.

- Lautier, Roger A., and E. R. McGregor, to The Aerotherm Corp. Seats of the reclining type. 2,834,402, 5-13-58, Cl. 155-155.
- Lautier, Roger A., and J. F. Spielman, to Aerotherm Corp. Seats. 2,863,494, 12-9-58, Cl. 155-112.
- Lautzenhiser, Argyle G.: *See*—
- Cromwell, Harold J., Lautzenhiser, and Buck. 2,812,680.
- Lautzenhiser, Argyle G., to General Motors Corp. Fluid suspension control system. 2,828,139, 3-25-58, Cl. 280-124.
- Laulezy, Jean R.: *See*—
- Toure, Kiebler, and Laulezy. 2,864,236.
- Laval, Claude C., Jr. Cereal manufacturing device. 2,837,042, 6-3-58, Cl. 107-1.
- Lavash, Francis L., to American Viscose Corp. Method and means for spinning a banded filament. 2,822,574, 2-11-58, Cl. 18-8.
- Lavender, Harrison M.: *See*—
- Worthington, Robert S., and Lavender. 2,834,822.
- Lavender, Raymond W., to General Aniline & Film Corp. Accelerometers. 2,828,118, 3-25-58, Cl. 264-1.
- Lavery, Charles A., to National Tank Co. Separation of liquid phases in gas contactor towers. Re. 24,433, 2-18-58, Cl. 261-3.
- La Via, Anthony L., to Olin Mathieson Chemical Corp. Aerosol sun-screening composition. 2,853,423, 9-23-58, Cl. 167-90.
- La Via, Joseph. Color television display system. 2,819,332, 1-7-58, Cl. 178-5.4.
- Lavigne, Joe B., to California Research Corp. Production of organic acids. 2,828,338, 3-25-58, Cl. 260-535.
- Lavigne, Michael A. Prefabricated milk container. 2,831,623, 4-22-58, Cl. 229-2.5.
- Lavigne, Michael A. Capsule crimping apparatus. 2,843,987, 7-22-58, Cl. 53-346.
- Lavin, James J.: *See*—
- Winters, Thomas F., and Lavin. 2,863,463.
- La Vine, Paul F. Dispenser. 2,861,728, 11-25-58, Cl. 224-16.
- Lavino, E. J., and Co.: *See*—
- Samuel, Donald G. 2,853,872.
- La Vista, Frank W., to Liberty Products Corp. Shaped block and clamp arms for shaping plates. 2,831,522, 4-22-58, Cl. 153-32.
- La Voie, Francis J., to General Motors Corp. Vehicle rear fender lamp assembly and closure for fuel inlet. 2,824,753, 2-25-58, Cl. 280-152.
- Lavoie Laboratories, Inc.: *See*—
- Keen, Harry J., Muller, Colbert, and Papaieck. 2,837,650.
- Lavoie, Michel: *See*—
- Legault, Emilien, and Lavoie. 2,837,311.
- Lavond, Edward A. Tool sharpening devices. 2,845,753, 8-5-58, Cl. 51-56.
- Lavoo, Norman T.: *See*—
- Mihran, Theodore G., and Lavoo. 2,857,480.
- Lavoo, Norman T., R. A. Dehn, and J. E. Beggs, to General Electric Co. High frequency amplifier circuit. 2,847,518, 8-12-48, Cl. 179-171.
- Law, John T., and P. S. Meigs, to Bell Telephone Laboratories, Inc. Method of locating PN junctions in semiconductor bodies. 2,837,471, 6-3-58, Cl. 204-35.
- Law, William R.: *See*—
- Schellman, Joseph H., and Law. 2,825,896.
- Lawalain, Harold L. Rolled paper dispenser. 2,839,346, 6-17-58, Cl. 312-39.
- La Warre, Robert W.: *See*—
- Rawls, Vaughn. 2,852,073.
- Lawber, A. Marian: *See*—
- Lawber, David. 2,858,783.
- Lawber, David, deceased; A. M. Lawber, executrix. Tensioning device for overseam sewing machines. 2,858,783, 11-4-58, Cl. 112-162.
- Lawless, Charles F., and W. O. Simpson, to Western Electric Co., Inc. Apparatus for welding articles. 2,855,496, 10-7-58, Cl. 219-79.
- Lawless, Clement J. Table construction with reversible top. 2,833,609, 5-6-58, Cl. 311-35.
- Lawlor, Francis E.: *See*—
- Braid, Milton, and Lawlor. 2,852,569.
- Lawlor, Francis E., and M. E. Miville, to Pennsalt Chemicals Corp. Production of chlorinated polyphenyls. 2,859,252, 11-4-58, Cl. 260-649.
- Lawlor, Joseph P., to General Filter Co. Water treating apparatus. 2,829,776, 4-8-58, Cl. 210-197.
- Lawlor, Joseph P., to General Filter Co. Sludge blanket clarifier. 2,838,180, 6-10-58, Cl. 210-528.
- Lawrence, Richard B., and J. R. Roehrig, to National Research Corp. Method of grading textile fibers. 2,824,486, 2-25-58, Cl. 88-14.
- Lawrence, Richard B., and R. A. Pendleton, to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,837,330, 6-3-58, Cl. 271-2.3.
- Lawrence, Beardsley, to Fiberbond Laboratories Inc. Method of producing bonded twillless yarn. 2,834,704, 5-13-58, Cl. 154-91.
- Lawrence Brothers, Inc.: *See*—
- Lawrence, Edwin F., III. 2,818,608.
- Lawrence, Clarence J. Collision seat for vehicles. 2,823,730, 2-18-58, Cl. 155-9.
- Lawrence, Donald K. Bubble blowing device. 2,858,639, 11-4-58, Cl. 46-7.
- Lawrence, Edwin F., III, to Lawrence Brothers, Inc. Sliding door frame structure. 2,818,608, 1-7-58, Cl. 20-11.
- Lawrence, Ernest O., to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for controlling the position of an ion beam in a calutron. 2,819,401, 1-7-58, Cl. 250-41.9.
- Lawrence, Ernest O., to United States of America, Atomic Energy Commission. Calutron system. 2,847,576, 8-12-58, Cl. 250-41.9.
- Lawrence, Ernest O., to United States of America, Atomic Energy Commission. Ion producing mechanism. 2,852,689, 9-16-58, Cl. 250-41.9.
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- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. System of color television transmission. 2,854,594, 9-30-58, Cl. 178-5.4.
- Lawrence, James B.: *See*—
- Nieman, Chauncy W., and Lawrence. 2,818,683.
- Lawrence, Leonard. Tool for adjusting earrings and similar devices. 2,824,474, 2-25-58, Cl. 81-15.
- Lawrence Paper Co., The: *See*—
- Hill, Justin D. 2,823,745.
- White, Roger L. 2,837,777.
- White, Roger L., and Miller. 2,819,008.
- White, Roger L., Miller, and Young. 2,841,319.
- Lawrence, Philip L.: *See*—
- White, James E., and Lawrence. 2,861,645.
- Lawrence, Ralph T.: *See*—
- Gent, Alfred W., and Lawrence. 2,852,753.
- Lawrence, Ray V., and V. M. Loeblich, to United States of America, Agriculture. Processing pine oleoresin. 2,846,430, 8-5-58, Cl. 260-109.
- Lawrence, Rollie A.: *See*—
- Rich, William D., and Lawrence. 2,849,764.
- Lawrence, Winthrop S., to Kaumagraph Co. Process of applying a decorative surface to a molded article of thermosetting resin. 2,833,685, 5-6-58, Cl. 154-110.
- Lawry, Clinton C.: *See*—
- Wells, Bruce A., and Lawry. 2,827,910.
- Lawson, Alexander: *See*—
- Rimington, Claude, Lawson, Searle, and Morley. Re. 24,505.
- Lawson, Axel A., and C. W. Ross, to Melpar, Inc. Tamper-proof actuator. 2,818,748, 1-7-58, Cl. 74-548.
- Lawson, E. P., Co., Inc.: *See*—
- Thumim, Carl. 2,860,705.
- Thumim, Carl, and Herman. 2,821,252.
- Lawson, Harvel T. Swimmer's marker buoy. 2,830,309, 4-15-58, Cl. 9-9.
- Lawson, Ivar S. Method of making short metal articles. 2,862,292, 12-2-58, Cl. 29-413.
- Lawson, John V.: *See*—
- Provine, Robert W., Mehlhorn, Thompson, and Lawson. 2,821,485.
- Provine, Robert W., Mehlhorn, Thompson, and Lawson. 2,860,066.
- Lawson, Julian K., Jr.: *See*—
- Easley, William K., Lawson, and Ballentine. 2,857,363.
- Lawson Mfg. Corp.: *See*—
- Lawson, Victor F. 2,831,232.
- Lawson, S. M., Jr.: *See*—
- Jones, Joseph F. 2,836,862.
- Lawson, Samuel E. Apparatus for forming pin curl permanent wave. 2,863,462, 12-9-58, Cl. 132-40.
- Lawson, Victor F., to Lawson Mfg. Corp. Tongue-and-groove concrete plank molding apparatus. 2,831,232, 4-22-58, Cl. 25-121.
- Lawther, William D.: *See*—
- Meyes, Donald E., and Lawther. 2,847,741.
- Lawton, Elliott J., and A. M. Dueche, to General Electric Co. Electron irradiation of preformed polyamide resin. 2,858,259, 10-28-58, Cl. 204-154.
- Lawton, Emil A.: *See*—
- Fitzgerald, Cornelius G., Haber, and Lawton. 2,853,517.
- Lawton, Harry R., to Roger's Health Equipment, Inc. Exercising machine. 2,825,563, 3-4-58, Cl. 272-79.
- Lawton, Lewis M., Jr., to General Precision Laboratory Inc. Low altitude altimeter. 2,866,193, 12-23-58, Cl. 343-14.
- Lawton, Oscar S., to Phillips-Jones Corp. Multiply fabric construction. 2,861,600, 11-25-58, Cl. 139-385.5.
- Lawton, Ray A., to The Parker Pen Co. Writing instrument. 2,847,975, 8-19-58, Cl. 120-42.4.
- Lawton, Thomas O., and F. G. Wilson. Method for chemically treating wood particles. 2,844,464, 7-2-58, Cl. 92-7.
- Lawton, William R., to The R-W Mfg. Co. Insulated pipe and method of making the same. 2,857,931, 10-28-58, Cl. 138-61.
- Lawver, James E., to International Minerals & Chemical Corp. Ore beneficiation method. 2,832,169, 4-29-58, Cl. 209-127.
- Lawver, James E., to International Minerals & Chemical Corp. Method of separating sylvite from sylvinitic ore. 2,839,190, 6-17-58, Cl. 209-127.
- Lawver, James E., to International Minerals & Chemical Corp. Drying method. 2,847,123, 8-12-58, Cl. 209-127.
- Lax, Stephen G.: *See*—
- Nachman, Joseph F., and Buehler. 2,859,143.
- Laxo, Ed. Power mower with coating endless and stationary cutters. 2,826,888, 3-18-58, Cl. 56-25.
- Laxo, Ed. and T. C. Werge, to W. F. and John Barnes Co. Rotary type end feed and sterilizer. 2,855,738, 10-14-58, Cl. 53-68.

- Lay, Clarence M., to Vaughan & Bushnell Mfg. Co. Claw hammer with metallic reinforcing sleeve between the connecting part of the handle and the eye of the head. 2,831,202, 4-22-58, Cl. 7-8.
- Lay, Eugene. Filter. 2,854,145, 9-30-58, Cl. 210-482.
- Laycock, John N. Amphibious craft. 2,860,593, 11-18-58, Cl. 115-1.
- Layman, Bernise E.: *See*—
Rodemich, Charles L. 2,826,333.
- Layman, Martha K.: *See*—
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- Laymon, Frank L., and J. L. Foster, to Diamond Alkali Co. Process for forming alkali metal silicates. 2,826,482, 3-11-58, Cl. 23-110.
- Layne & Bowler, Inc.: *See*—
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- Layne, Harold W.: *See*—
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- Layne, Marshal H.: *See*—
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- Layne, Richard C.: *See*—
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- Layne, William G.: *See*—
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- Lazar, John M., to Flexible Seal Co. Wear compensating shaft seal. 2,847,236, 8-12-58, Cl. 286-11.16.
- Lazare, Leon: *See*—
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- Lazari, Fabrizio, to Montecatini, Societa Generale per l'Industria Mineraria e Chimica. Process for filling and treating pressure capsules for use in non-metallic fuses. 2,842,909, 7-15-58, Cl. 53-25.
- Lazari, Fabrizio, to Montecatini, Societa Generale per l'Industria Mineraria e Chimica. Non-metallic mine fuse. 2,843,042, 7-15-58, Cl. 102-70.
- Lazarkis, Peter J.: *See*—
La Rue, Albert D., and Lazarkis. 2,832,007.
- Lazarus, Howard A., to Reeves Instrument Corp. Cosine computing circuit. 2,852,191, 9-16-58, Cl. 235-61.
- Lazarus, Julius, and G. M. Jenks. Sanitary equipment adapted to be associated with a lavatory pedestal. 2,826,761, 3-18-58, Cl. 4-7.
- Lazarus, Peter L. Automatic windshield crash pad for motor vehicles. 2,853,339, 9-23-58, Cl. 296-84.
- La-Z-Boy Chair Co.: *See*—
Knabusch, Edward M., and Shoemaker. 2,863,495.
- La Zebnik, Herbert M. Automatic toothpaste dispenser. 2,837,243, 6-3-58, Cl. 222-101.
- Lazich, Branko, to Robertshaw-Fulton Controls Co. Electromagnetically operated valve. 2,850,258, 9-2-58, Cl. 251-77.
- Lazorko, Anthony: *See*—
Whyte, John F., and Lazorko. 2,844,198.
- Lazzery, Angelo G., to Radio Corp. of America. Color kinescope adjunct. 2,864,021, 12-9-58, Cl. 313-77.
- Lazzopina, Robert M., and J. V. D'Onofrio, to Sperry Rand Corp., Ford Instrument Co. Division. Method of making drum type sequence switches. 2,834,095, 5-13-58, Cl. 29-135.5.
- Lea, Bernard A.: *See*—
Fry, Douglas J., Lea, and Kendall. 2,865,917.
- Lea, Carlisle G., E. M. Pedersen, and L. H. Bishop. Glue tipping apparatus. 2,855,892, 10-14-58, Cl. 118-3.
- Lea, Henry V.: *See*—
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- Lea, Kenneth R.: *See*—
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- Lea, Lawrence N. Electrical ice cream dispensing gun device. 2,859,325, 11-4-58, Cl. 219-21.
- Lea Mfg. Co., The: *See*—
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- Leach, Charles W.: *See*—
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- Leach, Clayton B., to General Motors Corp. Cylinder head coring. 2,820,267, 1-21-58, Cl. 22-131.
- Leach, Clayton B., to General Motors Corp. Engine crankcase structure. 2,837,075, 6-3-58, Cl. 123-195.
- Leach, Clayton B., to General Motors Corp. Cooling system for engines. 2,845,051, 7-29-58, Cl. 123-41.29.
- Leach, Clayton B., to General Motors Corp. Crossover exhaust system for V-8 engines. 2,847,820, 8-19-58, Cl. 60-29.
- Leach, Clayton B., to General Motors Corp. Camshaft gallery structure for engines. 2,849,993, 9-2-58, Cl. 123-41.86.
- Leach, Clayton B., to General Motors Corp. Engine with reversible heads, couplings and gaskets. 2,853,063, 9-23-58, Cl. 123-41.82.
- Leach, Clayton B., to General Motors Corp. Cylinder head coring for overhead valve engines. 2,858,587, 11-4-58, Cl. 22-131.
- Leach, Clayton B., to General Motors Corp. Valve actuation mechanism. 2,864,351, 12-16-58, Cl. 123-90.
- Leach, Clayton B., to General Motors Corp. Engine lubricating system. 2,865,361, 12-23-58, Cl. 123-196.
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Nelsen, Marvin G. 2,852,639.
- Leach, Edward A.: *See*—
Holtz, Frederick C., Lanphier, and Leach. 2,858,983.
- Leach, Harry S., and F. R. Carlson, ½ to Monsanto Chemical Co. and ½ to Heyden Newport Chemical Corp. Purification of methanol. 2,846,477, 8-5-58, Cl. 260-643.
- Leach, Jennings F. Coin dispenser and solenoid lock therefor. 2,832,359, 4-29-58, Cl. 133-5.
- Leach, Mark. Vibrating couch construction. Re. 24,487, 6-17-58, Cl. 128-33.
- Leach, Mark. Vibrating couch construction. 2,822,804, 2-11-58, Cl. 128-33.
- Leach, Thomas F. Mop and wringer therefor. 2,851,710, 9-16-58, Cl. 15-1.
- Leadbetter, Gilbert E. Wedge ring detent pipe coupling. 2,831,711, 4-22-58, Cl. 285-238.
- Leader, Gordon R.: *See*—
MacMullen, Clinton W., and Leader. 2,865,932.
- Leaf, Manuel. Spray head. 2,845,305, 7-29-58, Cl. 299-141.
- Leahy, James F.: *See*—
Ashley, John W., and Leahy. 2,832,095.
- Leahy, James F., and C. B. Noonan, to United Shoe Machinery Corp. Plastic grommets and a method for forming them. 2,821,764, 2-4-58, Cl. 24-142.
- Leahy, James F., and R. I. Pelletier, to United Shoe Machinery Corp. Reinforced plastic structures. 2,850,752, 9-9-58, Cl. 12-136.
- Leahy, Robert E., to Sperry Rand Corp. Electronic switch modulator. 2,861,183, 11-18-58, Cl. 250-27.
- Leal, Joseph R.: *See*—
Long, Robert S., Tsang, and Leal. 2,852,502.
- Leaman, Wilbur K.: *See*—
Coonrad, Harry L., and Leaman. 2,831,799.
- Leaphart, Noah C. Brace structure for vehicle tail gate. 2,829,001, 4-1-58, Cl. 296-57.
- Lear, Earl B., to Chicago Pneumatic Tool Co. Air driven rotary earth auger. 2,837,316, 6-3-58, Cl. 255-47.
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Barr, Le Roy H., and Stoermer. 2,826,150.
Blanding, Leonard C. 2,843,830.
Carr, William F. 2,820,872.
Carr, William F. 2,843,237.
Champion, Wendell G., and Barish. 2,843,691.
De Mott, Dale H., and Lieberman. 2,851,997.
Knapp, Theodore F., and Boyd. 2,843,770.
Kuipers, Jack B. 2,851,886.
Larkin, Kenneth A. 2,851,868.
Lear, William P., and Barish. 2,865,205.
Lear, William P., Sr., and Norton. 2,834,961.
Moody, Steven M. 2,818,744.
Stoyke, Ludwig T., and Bashniuk. 2,843,162.
Varner, Stuart L. 2,830,159.
- Lear, William P., and T. Barish, to Lear, Inc. Torsionally deformable support for a gyroscope gimbal. 2,865,205, 12-23-58, Cl. 74-5.
- Lear, William P., Sr., and C. J. Norton, to Lear, Inc. Aircraft antenna with impedance matching device. 2,834,961, 5-13-58, Cl. 343-860.
- Learmonth, Eric M., to British Soya Products Ltd. Protection of food against protein degradation. 2,819,168, 1-7-58, Cl. 99-91.
- Learmonth, William, and B. Cooke, to Vickers-Armstrongs Ltd. Closure seal. 2,840,262, 6-24-58, Cl. 220-46.
- Leary, Edward F.: *See*—
Lanfear, Joseph P. 2,844,330.
- Leary, Robert F.: *See*—
Banes, Fred W., Nelson, and Leary. 2,849,512.
Nelson, Joseph F., and Leary. 2,862,915.
- Leary, Robert F., to Esso Research and Engineering Co. Method for preparing resin feed. 2,828,293, 3-25-58, Cl. 260-82.
- Leary, Robert F., to Esso Research and Engineering Co. Preparation of olefin-aromatic copolymers with cross-linking agents. 2,830,973, 4-15-58, Cl. 260-80.5.
- Leary, Robert F., and J. F. Nelson, to Esso Research and Engineering Co. Preparation of chromans, chromenes and coumarans. 2,849,459, 8-26-58, Cl. 260-345.5.
- Leary, Robert F., L. W. Bowman, and R. S. Hawley, to Esso Research and Engineering Co. Alkyd resins produced from tricarboxylic acids and dibasic alcohols. 2,860,112, 11-11-58, Cl. 260-22.
- Leary, Robert F., and J. V. Fusco, to Esso Research and Engineering Co. Process for preparing aromatic hydrocarbon resin. 2,862,914, 12-2-58, Cl. 260-82.
- Leary, Thomas G., to International Business Machines Corp. Machine for embossing thermoplastic workpiece. 2,849,752, 9-2-58, Cl. 18-10.
- Leas, Floyd S., Jr.: *See*—
Dean, Albert G., and Leas. 2,840,192.
- Lease, Ralph D., to American Radiator & Standard Sanitary Corp. Gear pump. 2,842,065, 7-8-58, Cl. 103-126.
- Leath, Harry A. Cam actuated reciprocating blade constant area rotary pump. 2,819,677, 1-14-58, Cl. 103-136.
- Leatherberry, Donald L., to I-T-E Circuit Breaker Co. Safety lock-out attachment for automatic reclosing circuit breakers. 2,843,699, 7-15-58, Cl. 200-89.
- Leatherbury, William T. Race track construction. 2,826,414, 3-11-58, Cl. 272-5.
- Leatherman, Earl W. Cooling system. 2,835,184, 5-20-58, Cl. 98-30.
- Leatherman, Earl W. Cooling system. 2,835,185, 5-20-58, Cl. 98-30.
- Leatherman, Earl W., to Goodyear Aircraft Corp. Airplane bangar. 2,850,026, 9-2-58, Cl. 135-1.
- Leatherman, Gerald T., and J. T. Edmonds, Jr., to Phillips Petroleum Co. Removal of oxygen from gaseous mixtures. 2,849,515, 8-26-58, Cl. 260-677.

- Leathers, Chester F., to Progressive Welder Sales Co. Electrical welding cable. 2,835,721, 5-20-58, Cl. 174-15.
- Leathers, Clarence H.: *See*—
- Graham, Clifford P., and Leathers. 2,862,739.
- Shellman, Roy K., and Leathers. 2,865,663.
- Leathers, L. M., Sons: *See*—
- Smith, Lloyd B. 2,830,142.
- Tufts, William F. 2,859,903.
- Leathley Publications Ltd.: *See*—
- Moog, Henry C. 2,834,985.
- Leavelle, Francis M. Sweeping mop. 2,860,360, 11-18-58, Cl. 15-221.
- Leavengood, Ernest A.: *See*—
- Brown, William E., Gurney, and Leavengood. 2,863,013.
- Leavengood, Ernest A., and D. W. Severance, to General Motors Corp. Seat positioning mechanism. 2,829,002, 4-1-58, Cl. 296-65.
- Leavens, William B., Jr. Apparatus for loading the supply magazine of a packaging machine with collapsed cartons. 2,842,363, 7-8-58, Cl. 271-61.
- Leaver, Eric W. Counting tube circuit. 2,866,100, 12-23-58, Cl. 250-83.6.
- Leavitt, Cyril E., and S. Kelton, Jr. Canopies for windshields. 2,853,129, 9-23-58, Cl. 160-66.
- Leavitt, Gordon W.: *See*—
- Bennett, Vivian R., and Leavitt. 2,850,010.
- Leavitt, Julian J.: *See*—
- Long, Robert S., and Leavitt. 2,844,539.
- Leavitt, Julian J., R. S. Long, and H. M. Foster, to American Cyanamid Co. Triazole brighteners. 2,865,916, 12-23-58, Cl. 260-240.
- Leavitt Machine Co.: *See*—
- Ralys, Stanley C. 2,842,901.
- Ralys, Stanley C. 2,842,903.
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- Leavitt, Minard A., to United States of America, Atomic Energy Commission. Magnetometer. 2,861,242, 11-18-58, Cl. 324-43.
- Leavitt, Minard A., and I. C. Lutz, to United States of America, Atomic Energy Commission. Square wave amplifier. 2,846,523, 8-5-58, Cl. 179-171.
- Leavy, Jerry D., to A. J. Hosmer Corp. Suction device for prosthetic limb. 2,834,025, 5-13-58, Cl. 3-17.
- Le Bard, Ned M.: *See*—
- Berry, Charles M., Chang, Le Bard, and Miller. 2,866,797.
- Le Baron, Francis, Jr. Casting-mold pattern-board fixture and apparatus. 2,863,193, 12-9-58, Cl. 22-157.
- Le Baron, Ira M., to International Minerals & Chemical Corp. Oxidizing agents including sodium peroxide in phosphate flotation. 2,826,301, 3-11-58, Cl. 209-166.
- Le Baron, Ira M., to International Minerals & Chemical Corp. Process of defluorination of phosphorus compounds. 2,865,710, 12-23-58, Cl. 23-108.
- Le Baron, Ira M., and R. F. McCullough, to United States of America, Atomic Energy Commission. Nitric acid treatment of leached zone material. 2,849,280, 8-26-58, Cl. 23-14.5.
- Le Beau, Alfred T., $\frac{1}{10}$ to Gadget-Of-The-Month Club, Inc. Combination cultivating shovel and fork. 2,840,414, 6-24-58, Cl. 294-51.
- Le Beau, Lee, to Alto Scientific Co. Detent mechanism, especially for rotary switches. 2,834,842, 5-13-58, Cl. 200-11.
- Lebedeff, Yuri E.: *See*—
- Hollander, Max L., and Lebedeff. 2,834,652.
- Lebedeff, Yuri E., and W. H. Wetherill, to American Smelting and Refining Co. Removal of dissolved silicon values from germanium solutions. 2,827,381, 3-18-58, Cl. 23-140.
- Lebeis, Edward H., Jr., to Houdry Process Corp. Disengaging solids from lift gas. 2,862,771, 12-2-58, Cl. 302-59.
- Leber, Felix. Switching mechanism. 2,833,939, 5-6-58, Cl. 307-112.
- Leber, Felix. Shifting arrangement for change gear transmissions. 2,844,967, 7-29-58, Cl. 74-335.
- Leber, Felix. Selector apparatus. 2,850,594, 9-2-58, Cl. 200-87.
- Le Bihan, Henri: *See*—
- Braconier, Frederic F. A., and Le Bihan. 2,844,633.
- Le Bihan, Henri, J. A. R. Godart, and R. A. Burton, to Societe Belge de l'Azote et des Produits Chimiques du Marly, S. A. Process of preparing urea-formaldehyde molding powders. 2,864,779, 12-16-58, Cl. 260-17.3.
- Lebl, Richard C., J. Savit, and R. T. Florence, to A. B. Dick Co. Elements for use in practice of spirit duplication process. 2,838,994, 6-17-58, Cl. 101-149.4.
- Leblanc, G., Corp.: *See*—
- Leblanc, Leon. 2,821,102.
- Leblanc, Leon. 2,832,250.
- Leblanc, Leon. 2,833,175.
- Leblanc, Leon, to G. Leblanc Corp. Clarinet neck attachment. 2,821,102, 1-28-58, Cl. 84-382.
- Leblanc, Leon, to G. Leblanc Corp. Key mechanism for clarinets. 2,832,250, 4-29-58, Cl. 84-382.
- Leblanc, Leon, to G. Leblanc Corp. Alto clarinet. 2,833,175, 5-6-58, Cl. 84-382.
- Le Bleu, Thomas R. Surveyor's compass. 2,857,679, 10-28-58, Cl. 33-224.
- Le Blond, R. K., Machine Tool Co., The: *See*—
- Kemper, Harry C., and Hunt. 2,865,242.
- Kronenberg, Max. 2,861,471.
- Waterson, Arthur P. 2,849,206.
- Le Boeuf, Edgar W.: *See*—
- Costa, John E., Le Boeuf, and Lefevre. 2,853,741.
- Le Boeuf, Edgar W., to The Dow Chemical Co. Process for crimping fibers. 2,818,630, 1-7-58, Cl. 28-72.
- Lebold, Jack W., to Lockheed Aircraft Corp. Retractable landing gear. 2,863,623, 12-9-58, Cl. 244-102.
- Lebolt, John M.: *See*—
- Drigot, Stanley W., Lebolt, Minow, and Reynolds. 2,837,432.
- Leboucher, Paul. Hydraulic booster mechanism. 2,865,336, 12-23-58, Cl. 121-41.
- Lebourg, Maurice P., to Schlumberger Well Surveying Corp. Method and apparatus for determining the resistivity of the mud in a bore hole. 2,838,730, 6-10-58, Cl. 324-1.
- Lebourg, Maurice P., to Schlumberger Well Surveying Corp. Well production equipment. 2,842,212, 7-8-58, Cl. 166-125.
- Lebourg, Maurice P., to Borg-Warner Corp. Oil and gas well perforating methods and apparatus. 2,846,948, 8-12-58, Cl. 102-21.
- Lebourg, Maurice P., to Borg-Warner Corp. Methods for dual completion of oil and gas wells. 2,847,072, 8-12-58, Cl. 166-46.
- Lebourg, Maurice P., to Schlumberger Well Surveying Corp. Fluid sampling apparatus. 2,852,081, 9-16-58, Cl. 166-169.
- Leboutet, Hubert, to Compagnie Generale de Telegraphie Sans Fil. Millimeter wave generating reflex klystron. 2,823,334, 2-11-58, Cl. 315-5.22.
- Leboutet, Hubert, to Compagnie Generale de Telegraphie Sans Fil. Amplitude modulators for millimeter waves. 2,853,688, 9-23-58, Cl. 333-81.
- Le Brasse, Gordon J.: *See*—
- Probst, Robert L., and Le Brasse. 2,826,805.
- Le Breil, John: *See*—
- Swalm, Marvin W., and La Breil. 2,862,425.
- Le Brusque, Rene. Hydraulic device for controlling the feed and stop position of a machine element in cutting, sawing and slicing machines. 2,855,752, 10-14-58, Cl. 60-52.
- Le Brusque, René J. N., to H. Ernault-Batignolles Societe Anonyme. Clamping chuck. 2,832,604, 4-29-58, Cl. 279-119.
- Le Bus, Franklin L., Sr. Pivotal hook member. 2,833,018, 5-6-58, Cl. 24-241.
- Le Bus, Franklin L., Sr. Slip joint for tubular members. 2,851,252, 9-9-58, Cl. 255-28.
- Le Bus, Franklin L., Sr. Slip joint for drill string. 2,852,231, 9-16-58, Cl. 255-28.
- Lebus, William A., to Supreme Products Corp. Knife sharpener casing. 2,841,926, 7-8-58, Cl. 51-5.
- Lebus, William A. Knife sharpener. 2,860,452, 11-18-58, Cl. 51-102.
- Le Cadre, Maurice R. A. Transformer including a rotary or the like movable winding. 2,839,720, 6-17-58, Cl. 323-47.
- Lechaire, Alexis. Roofing timber-work. 2,849,966, 9-2-58, Cl. 108-28.
- Lecher, Hans Z.: *See*—
- Chao, Tasi H., Lecher, and Greenwood. 2,847,458.
- Lecher, Hans Z., and R. A. Greenwood, to American Cyanamid Co. Dicarboxyphenylphosphonic acid. 2,834,804, 5-13-58, Cl. 260-515.
- Lecher, Hans Z., and B. G. Buell, to American Cyanamid Co. Azo dyes from condensation products of P-aminosalicylic acid. 2,841,575, 7-1-58, Cl. 260-144.
- Lecher, Hans Z., E. M. Hardy, and C. L. Kosloski, to American Cyanamid Co. C-chloro-n,n'-trimethylformamidide hydrochloride. 2,845,458, 7-29-58, Cl. 260-564.
- Lecher, Hans Z., E. M. Hardy, and C. L. Kosloski, to American Cyanamid Co. Preparation of pentalkylguanidines. 2,845,459, 7-29-58, Cl. 260-564.
- Lecher, Hans Z., and B. G. Buell, to American Cyanamid Co. Condensation products of P-aminosalicylic acid. 2,847,461, 8-12-58, Cl. 260-519.
- Lechthaler, Charles H., and W. A. Stover, to Socony Mobil Oil Co., Inc. Preparation of attrition-resistant chromia-containing catalyst. 2,843,552, 7-15-58, Cl. 252-455.
- Leclabart, Jean: *See*—
- Meyer, Roger. 2,819,723.
- Leclair, Robert A. Self-latching hinge construction for high-chair trays. 2,833,335, 5-6-58, Cl. 155-127.
- Leclerc, Armand J. Molded plastic one-piece protective frame for license plates. 2,827,722, 3-25-58, Cl. 40-209.
- Leclerc, Bruno M. J., H. G. Feissel, and P. J. C. Chenus, to Compagnie des Machines Bull (Societe Anonyme). Electronic calculator for multiplication and division. 2,863,604, 12-9-58, Cl. 235-61.
- Leclerc, Rene: *See*—
- Tacvorian, Skon, Leveque, and Leclerc. 2,829,427.
- Lecluyse, Edouard: *See*—
- Quinche, Albert, and Lecluyse. 2,819,825.
- Le Compte, Frank M., to Tingley Rubber Corp. Automobile fender flap and supporting clamp. 2,865,654, 12-23-58, Cl. 280-154.5.
- Le Count, Finley E.: *See*—
- Berkley, Howard L., and Le Count. 2,843,070.
- Lectro Mfg., Inc.: *See*—
- Fanning, Frank U. 2,855,732.
- Ledaal, Tore B. Ignition compositions for matches, striking surfaces and the like. 2,823,751, 12-9-58, Cl. 52-27.
- Ledbetter, Harvey D.: *See*—
- Bartolomeo, Frank A., Ledbetter, and McDuff. 2,827,445.

- Ledbetter, Noel W., to Lenkurt Electric Co., Inc. Transit time modulator. 2,866,115, 12-23-58, Cl. 313-82.
- Ledda, Catherine: *See*—
Cox, Arthur, and Ledda. 2,823,612.
- Leddy, Frank H. Saddle. 2,845,766, 8-5-58, Cl. 54-46.
- Leder, Martin, and R. Haupt, to ISCO Optische Werke G. m. b. H. Means for automatically adjusting an objective diaphragm. 2,861,506, 11-25-58, Cl. 95-64.
- Lederer Seymour J.: *See*—
Weiss, Robert O., and Lederer. 2,844,508.
- Lederman, Burton E., to Midland Chemical Corp. Ester of using oil acid, rosin and methyl alpha-D-glucoside and process of making it. 2,821,523, 1-28-58, Cl. 260-104.
- Lederman, Burton E., to Midland Chemical Corp. Wrinkle drying coating composition containing fish oil. 2,853,458, 9-23-58, Cl. 260-19.
- Lederman, Burton E., to The Commonwealth Engineering Co. of Ohio. Epoxy wrinkle on rubber impregnated paper. 2,862,835, 12-2-58, Cl. 117-41.
- Ledet, Louis L. Rotary jet propelled engine. 2,818,705, 1-7-58, Cl. 60-39,36.
- Ledgerwood, Robert W.: *See*—
Burg, George W., and Ledgerwood. 2,827,215.
Burg, George W., and Ledgerwood. 2,851,279.
- Ledges, George E.: *See*—
Endicott, Harold S., and Ledges. 2,863,721.
- Ledgett, Lowell A., to Colgate-Palmolive Co. Apparatus for and method of separating gas from solids. 2,851,097, 9-9-58, Cl. 159-4.
- Ledin, Sven H. Secondary diaphragms for X-ray radiography. 2,824,970, 2-25-58, Cl. 250-63.
- Ledingham, Harold A., to Vis-O-Lite Co. Beverage dispensers. 2,860,819, 11-18-58, Cl. 222-68.
- Ledingham, Harold A., and C. E. Smith, Optical inspection units for bottled goods. 2,863,355, 12-9-58, Cl. 88-14.
- Leditschke, Heinrich: *See*—
Ruschig, Heinrich, Schmidt-Barbo, Leditschke, Schorr, and Lammle. 2,830,056.
Ruschig, Heinrich, Siedel, Leditschke, Schorr, Schmidt-Barbo, and Lammle. 2,827,467.
- Leditschke, Heinrich, H. Rolly, and H. Schmidt-Ruppin, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Substituted isonicotinic acid amides and process of preparing same. 2,843,594, 7-15-58, Cl. 260-295.
- Ledos, Maurice E. A. Footwear. 2,828,555, 4-1-58, Cl. 36-71.
- Leduc, René. Centrifugal pump arrangement. 2,823,613, 2-18-58, Cl. 103-113.
- Ledwell, Percy: *See*—
Carl, John R. L. 2,862,394.
- Lee, Charles A., to Kimberly-Clark Corp. Flow control apparatus. 2,865,260, 12-23-58, Cl. 92-44.
- Lee, Charles A., Jr., and R. D. Weyman, to Diamond Gardner Corp. Collapsible shoe boxes. 2,834,460, 5-13-58, Cl. 206-65.
- Lee, Charles M., to United States of America, Air Force. Friction locking device. 2,845,145, 7-29-58, Cl. 188-71.
- Lee, Charles M., to Eastman Kodak Co. Reversible lens attachment mounting means. 2,853,925, 9-30-58, Cl. 88-57.
- Lee Co., The: *See*—
Lee, Leighton, II. 2,821,323.
- Lee, David F., and E. L. C. White, to Electric & Musical Industries Ltd. Electric circuit arrangements for repeating the output of a selection of a plurality of source circuits. 2,863,049, 12-2-58, Cl. 250-27.
- Lee, Denis E., to Joseph Lucas (Industries) Ltd. Hydraulic speed-responsive governors. 2,841,161, 7-1-58, Cl. 137-58.
- Lee De Wayne A.: *See*—
Cleveland, Glenford H., Lee, and Schaap. 2,835,687.
- Lee, Dolores R.: *See*—
Cicchetti, Alfred G., Tabbutt, Tura, and Lee. 2,852,789.
- Lee, Ernest M. Chain closure and partition for openings. 2,827,958, 3-25-58, Cl. 160-328.
- Lee, Ernest M., to Roll-O-Matic Chain Co. Chain closure for openings. 2,840,158, 6-24-58, Cl. 160-327.
- Lee, Edmund S. III, to United Shoe Machinery Corp. Leather finish applying machines. 2,849,974, 8-26-58, Cl. 118-63.
- Lee, Edward C., to Ithaca Gun Co., Inc. Firing pin lock assembly. 2,848,822, 8-26-58, Cl. 42-70.
- Lee, Edward C., to Ithaca Gun Co., Inc. Bolt assembly for a firearm. 2,863,246, 12-9-58, Cl. 42-16.
- Lee, Edward L. Husking machine. 2,821,984, 2-4-58, Cl. 130-5.
- Lee Engineering Co.: *See*—
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- Lee, Ferman N.: *See*—
Cicchetti, Alfred G., Tabbutt, Tura, and Lee. 2,852,789.
- Lee, Florence L.: *See*—
Lee, Roger K. 2,856,782.
- Lee Foundation for Nutritional Research: *See*—
Lee, Royal. 2,839,381.
- Lee, Myron R. 2,826,138.
- Lee, Frank A. Tobacco leaf stringing machine. 2,833,425, 5-6-58, Cl. 214-55.
- Lee, Franklin G.: *See*—
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- Lee, Fred A., to International Harvester Co. Motor vehicle engine enclosure construction. 2,833,364, 5-6-58, Cl. 180-69.
- Lee, George A.: *See*—
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- Lee, George H., to Albion Motors Ltd. Mechanical linkage. 2,849,996, 9-2-58, Cl. 123-90.
- Lee, George R.: *See*—
Riddle, Robert E., and Lee. 2,834,438.
- Lee, George T. Kite accessory. 2,820,603, 1-21-58, Cl. 244-155.
- Lee, Gerald L., to The International Nickel Co., Inc. Nickel base alloy glass molding elements and method of making same. 2,833,616, 5-6-58, Cl. 75-170.
- Lee, Henry H., to Phillips Petroleum Co. Floating roof tanks. 2,851,223, 9-30-58, Cl. 259-109.
- Lee, Henry Y. Sectional gears. 2,859,635, 11-11-58, Cl. 74-439.
- Lee, James E., and J. W., and F. Barney, to The Challenge Machinery Co. Printers quoin. 2,831,654, 4-22-58, Cl. 204-42.
- Lee, James W.: *See*—
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Lee, Jess M. Elevated furnace support structure. 2,856,177, 10-14-58, Cl. 266-4.
- Lee, John M.: *See*—
Waters, Roland M., and Lee. 2,837,375.
- Lee, John M., to The Dow Chemical Co. Preparation of carbonate esters. 2,837,555, 6-3-58, Cl. 260-463.
- Lee, Joseph, Shaving kit. 2,827,908, 3-25-58, Cl. 132-80.
- Lee, Leighton, II, to The Lee Co. Pin plug. 2,821,323, 1-28-58, Cl. 220-245.
- Lee, Luther E. Polishing treatment for article surfaces. 2,827,740, 3-25-58, Cl. 51-7.
- Lee, Luther E. Pneumohydraulic-electric system. 2,854,822, 10-7-58, Cl. 60-97.
- Lee, Mark W. Comminuting apparatus-garbage grinder. 2,824,702, 2-25-58, Cl. 241-46.
- Lee-Mart Mfg. Co.: *See*—
Arce, Lee, and W. K. and M. C. Vogel. 2,820,672.
- Lee, Matthew E. Device for applying weight members to lines. 2,844,059, 7-22-58, Cl. 81-15.
- Lee, Maurice W., Jr.: *See*—
Lee, Maurice W., Sr., and M. W. Lee, Jr. 2,832,409.
- Lee, Maurice W., Sr., and M. W. Lee, Jr. Time and manually controlled valve. 2,832,409, 4-29-58, Cl. 161-9.
- Lee, Neville D., to The Distillers Co. Ltd. Process for the polymerization of alpha-chloroacrylonitrile. 2,825,722, 3-4-58, Cl. 260-88.7.
- Lee, Norman: *See*—
Levetus, Francis B., Chittenden, and Lee. 2,841,168.
- Lee, Norman, to The Keelavite Co. Ltd. Relief valve assemblies. 2,853,096, 9-23-58, Cl. 137-491.
- Lee, Norman, to The Keelavite Co. Ltd. Pressure responsive valves. 2,855,947, 10-14-58, Cl. 137-269.
- Lee-Norse Co.: *See*—
Arentzen, Einar M. 2,855,062.
- Lee, Oscar M. Adjustable interlocking bushing liner. 2,857,790, 10-28-58, Cl. 77-62.
- Lee, Paul H., to The Liquidometer Corp. Capacitance-type liquid quantity measuring system with compensation for electrical leakage. 2,849,882, 9-2-58, Cl. 73-304.
- Lee, Robert: *See*—
Savard, Guy, and Lee. 2,855,293.
- Lee, Robert A., to Bendix Aviation Corp. Electron discharge device. 2,834,905, 5-13-58, Cl. 313-179.
- Lee, Robert E.: *See*—
Price, Raymond M., Young, Tubbs, and Lee. 2,864,802.
- Lee, Robert E., to A. G. Allison. Folding wheel chair. 2,847,058, 8-12-58, Cl. 155-30.
- Lee, Robert J., J. T. Kelly, and H. M. Knight, to The American Oil Co. P-T-butylalkylbenzene process. 2,836,634, 5-27-58, Cl. 260-671.
- Lee, Robert P., and H. G. Rodman, to National Lead Co. Process for treating titanium metal. 2,864,690, 12-16-58, Cl. 75-84.4.
- Lee, Roger K., to F. L. Lee, by Decree of Distribution. Cams. 2,856,782, 10-21-58, Cl. 74-57.
- Lee, Ramon C., to Beaman Plastics. Clothespin. 2,824,350, 2-25-58, Cl. 24-137.
- Lee, Reuben, to Westinghouse Electric Corp. Radio transmitting system. 2,824,955, 2-25-58, Cl. 250-17.
- Lee, Royal, to Lee Engineering Co. Flexible drive mechanism. 2,822,697, 2-11-58, Cl. 74-63.
- Lee, Royal, to Lee Foundation for Nutritional Research. Reduction of metallic sulfide ores. 2,839,381, 6-17-58, Cl. 75-33.
- Lee Rubber & Tire Corp.: *See*—
Nellen, Arthur H. 2,850,066.
- Lee, Russell, and R. D. Drey, to Socony Mobil Oil Co., Inc. Tapered catalyst leg. 2,829,087, 4-1-58, Cl. 194-52.
- Lee, Samuel: *See*—
Chase, Fletcher A., and Lee. 2,826,504.
Chase, Fletcher A., and Lee. 2,833,653.
- Lee, Samuel W. Safety razor blade sharpener. 2,837,879, 6-10-58, Cl. 51-211.
- Lee, Shih M. Shredder. 2,827,090, 3-18-58, Cl. 146-78.
- Lee, Theodore: *See*—
Pledger, Ray, and Lee. 2,851,005.
- Lee, Theodore, and R. Pledger. Combined table and cabinet. 2,861,857, 11-25-58, Cl. 312-223.
- Lee, Thomas H., to General Electric Co. Non-bouncing magnetic contactor. 2,827,527, 3-18-58, Cl. 200-87.
- Lee, Thomas H., to General Electric Co. Pressure measuring arrangement for a vacuum circuit interrupter. 2,864,998, 12-16-58, Cl. 324-33.
- Lee, Walter, Door. 2,839,791, 6-24-58, Cl. 20-16.
- Lee, Walter, and W. B. Fogle, to The Black & Decker Mfg. Co. Jig saw attachment. 2,822,005, 2-4-58, Cl. 143-68.

- Lee, Walter J., to The Goodyear Tire & Rubber Co. Tubeless tire valve. 2,835,304, 5-20-58, Cl. 152-427.
- Lee, Walter J., to The Goodyear Tire & Rubber Co. Tubeless tire valve. 2,866,492, 12-30-58, Cl. 152-427.
- Lee, Warren G.: *See*—
Gutzeit, Gregoire, Talmey, and Lee. 2,819,187.
Gutzeit, Gregoire, Talmey, and Lee. 2,822,293.
Gutzeit, Gregoire, Talmey, and Lee. 2,822,294.
- Lee, Wilbur J., and J. M. Edly, to United States of America, Army. Sweatband mounting means. 2,861,271, 11-25-58, Cl. 2-3.
- Lee, Wilfred J., to United States Hoffman Machinery Corp. Centrifugal trickle valve. 2,822,097, 2-4-58, Cl. 214-17.
- Leebrick, John R.: *See*—
Frank, Charles E., Nobis, and Leebrick. 2,824,118.
- Leece-Neville Co., The: *See*—
Hahn, Elmer H., Jr. 2,848,575.
- Leech, Lawrence E.: *See*—
Fullerton, John R., Leech, and Heyser. 2,826,675.
Fullerton, John R., Leech, and Heyser. 2,826,676.
Fullerton, John R., Leech, and Heyser. 2,849,591.
- Leech, Stanley. Fishing alarm. 2,856,721, 10-21-58, Cl. 43-17.
- Leech, Thomas B., and J. S. Wallis, to Petro-Chem Process Co., Inc. Multi-coil vertical tube heater. 2,856,903, 10-21-58, Cl. 122-356.
- Leeds, Laurance M.: *See*—
Day, Robert G., and Leeds. 2,847,628.
- Leeds, Laurance M., to General Electric Co. Deflection coil. 2,830,213, 4-8-58, Cl. 313-76.
- Leeds, Morton W.: *See*—
Burch, Robert J., and Leeds. 2,841,625.
Carpenter, Gilbert B., Leeds, and Gister. 2,863,926.
- Leeds and Northrup Co.: *See*—
Amey, William G., and Clark. 2,830,252.
Bristol, Edward S. 2,823,860.
Bristol, Edward S. 2,861,194.
Clark, William R., McAdam, and Cheng. 2,846,629.
Cohn, Nathan. 2,831,125.
Cohn, Nathan. 2,866,102.
Davis, Elwood T. 2,823,861.
Davis, Elwood T. 2,830,244.
Davis, Elwood T., and Kalina. 2,830,245.
Eckfelder, Edgar L. 2,832,734.
Gray, William T. 2,846,882.
Jenkins, Theron W., Jr. 2,864,343.
Johnson, Curtis R. A., and Paschkis. 2,845,232.
Machler, Raymond C. 2,837,917.
Miller, William G., Jr. 2,836,731.
Moore, John H. 2,847,269.
Tauber, Gustave M. 2,842,352.
Taylor, Frank H. 2,858,351.
- Leeds, Winthrop M., to Westinghouse Electric Corp. Circuit interrupters. 2,821,608, 1-28-58, Cl. 200-150.
- Leeds, Winthrop M., to Westinghouse Electric Corp. Circuit interrupters and contact arrangements therefor. 2,866,045, 12-22-58, Cl. 200-148.
- Leeds, Winthrop M., B. P. Baker, and R. E. Friedrich, to Westinghouse Electric Corp. Circuit interrupters. 2,810,670, 6-24-58, Cl. 200-145.
- Leefer, Bernard L. Apparatus for indicating the condition of filters. 2,843,077, 7-15-58, Cl. 116-117.
- Leeme, Heinz: *See*—
Stanger, Hans, and Lemme. 2,828,268.
- Leemhuis, Paul L.: *See*—
Rasch, Royal H., Fleming, Leemhuis, and Sutton. 2,847,304.
- Leendert Prins, Bilthoven: *See*—
Walma, Jan. 2,849,897.
- Leeper, Frederick R. Garment rack for delivery truck. 2,846,079, 8-5-58, Cl. 211-423.
- Leeper, Harold M., to Monsanto Chemical Co. Increasing effectiveness of phenolic antioxidants. 2,829,121, 4-1-58, Cl. 260-45.9.
- Lees, James, and Sons Co.: *See*—
Berry, Charles C. 2,821,835.
Gebert, Russell C. Re. 24,539.
Gebert, Russell C. 2,866,206.
Janney, Thomas T., and Jean. 2,859,778.
Jervis, Joseph. 2,847,717.
Patterson, Raymond B., and Smiley. 2,849,030.
- Lees, Sidney. Torsional fourier transformer. 2,841,332, 7-1-58, Cl. 235-61.
- Leesch, Louis F., to U Change Neon, Inc. Electric signs. 2,853,819, 9-30-58, Cl. 40-130.
- Leeser, Werner M., to The Steelcraft Mfg. Co. Sheet metal wall panel structure. 2,836,266, 5-27-58, Cl. 189-34.
- Leet, Bruce J.: *See*—
Sonnenschein, Henry, and Leet. 2,833,654.
- Leete, Bernard D., to General Electric Co. Apparatus for measuring electrical quantities. 2,845,595, 7-29-58, Cl. 324-5.
- Leetronics, Inc.: *See*—
Wolff, Hanns H. 2,846,623.
- Le Febvre Corp.: *See*—
Brawner, William D. 2,860,943.
Devlin, Frank K., and Siemon. 2,859,083.
Nabholz, Orvie E. 2,853,078.
- Le Febvre, Alfred L., to Stanley Home Products, Inc. Brush construction. 2,826,777, 3-18-58, Cl. 15-205.
- Le Febvre, Alfred L., to Stanley Home Products, Inc. Support structure. 2,850,154, 9-2-58, Cl. 206-46.
- Le Febvre, Alfred L., A. O. Johnson, and D. M. Small, to Stanley Home Products, Inc. Lock for telescoping tube. 2,850,308, 9-2-58, Cl. 287-58.
- Le Febvre, Arthur H., and H. Troeger, to Bendix Aviation Corp. Scavenge pump. 2,845,030, 7-29-58, Cl. 103-49.
- Lefebvre, Fernand J., to Pittsburgh Plate Glass Co. Shipping and storage carrier for sheet material. 2,839,198, 6-17-58, Cl. 211-41.
- Lefebvre, Frank J.: *See*—
Volckening, Lloyd I., and Lefebvre. 2,840,235.
Volckening, Lloyd I., O'Meara, and Lefebvre. 2,823,798.
- Lefebvre, Frank J., to Ivers-Lee Co. Covered package with releasable initially sealed and locked closure flap. 2,833,401, 5-6-58, Cl. 206-56.
- Lefebvre, Frank J., to Ivers-Lee Co. Covered package with headed closing member. 2,833,402, 5-6-58, Cl. 206-56.
- Lefebvre, Frank J., to Ivers-Lee Co. Locked package display holder. 2,841,281, 7-1-58, Cl. 206-79.
- Lefebvre, Frank J., and R. W. Miller, to Ivers-Lee Co. Combined package and mailing cover. 2,833,400, 5-6-58, Cl. 206-56.
- Lefebvre, Fredrick L. Radiant heater unit. 2,831,950, 4-22-58, Cl. 201-63.
- Lefebvre, Fredrick L. Radiant heater and replaceable element therefor. 2,844,694, 7-22-58, Cl. 201-67.
- Lefebvre, Palma A.: *See*—
Tekenos, Alexander B., and Lefebvre. 2,858,546.
- Leferson, Joseph, to Machlett Laboratories, Inc. Electrode support. 2,837,680, 6-3-58, Cl. 313-180.
- Lefevre, Gabriel, $\frac{1}{2}$ to Mo. Na. Cor. Boring machine adapted more particularly for the use in the boring of small hard stones serving for industrial purposes such as clockwork jewels or draw-plates. 2,827,038, 3-18-58, Cl. 125-30.
- Lefevre, Harlan W.: *See*—
Russell, James T., and Lefevre. 2,820,896.
- Le Fevre, Herbert W. Vapor dispenser. 2,826,452, 3-11-58, Cl. 299-20.
- Lefevre, Lloyd E.: *See*—
Carr, Boyd H., Doane, and Lefevre. 2,831,822.
Costa, John E., Le Boeuf, and Lefevre. 2,853,741.
- Le Fevre, Peter E., to Westinghouse Electric Corp. Square wave regenerator. 2,858,431, 10-28-58, Cl. 250-27.
- Lefevre-Selmer, Henri. Neck key for saxophones. 2,846,917, 8-12-58, Cl. 84-385.
- Lefferdink, Theodore B.: *See*—
Murdock, Stanley A., Traylor, and Lefferdink. 2,829,066.
- Leffingwell Chemical Co.: *See*—
Allison, John R. 2,823,107.
- Leffler, Martin T.: *See*—
Clemence, Le Roy W., Leffler, and Krueger. 2,843,614.
- Leffler, Nils G., to Svenska Cellulosa Aktiebolaget. Barking machine having centripetally biased scrapers automatically swung to bark-removing positions by an oncoming log. 2,855,010, 10-7-58, Cl. 144-208.
- Leffler, Ralph R.: *See*—
Hewitt, Ellis E., and Leffler. 2,841,181.
- Leforge, John W., to Monsanto Chemical Co. Process of preparing bright yellow colored phosphorus sulfide. 2,824,788, 2-25-58, Cl. 23-206.
- Leforge, John W., to Monsanto Chemical Co. Method of preparing bright yellow colored sulfides. 2,844,442, 7-22-58, Cl. 23-206.
- Leford, Frank M., to Baljak Corp. Conveying devices for accelerating and timing articles. 2,840,224, 6-24-58, Cl. 198-34.
- Le Foll, Sidney: *See*—
Zelazny, Bernard H. 2,855,964.
- Le Foll, Sidney. Meat truck and track system therefor. 2,819,683, 1-14-58, Cl. 104-98.
- Le Foll, Sidney. Cross-over switch. 2,847,944, 8-19-58, Cl. 104-100.
- Lefon, Henri. Windshield visor for automobiles. 2,830,844, 4-15-58, Cl. 296-95.
- Le Foll, Jean: *See*—
Bertin, Jean, Sarrazin, Le Foll, and Paris. 2,825,202.
Kadosch, Marcel, and Le Foll. 2,834,534.
Kadosch, Marcel, Le Foll, Mounoury, and Bertin. 2,825,532.
Kadosch, Marcel, Paris, Le Foll, and Bertin. 2,825,204.
Paris, François G., Le Foll, and Bertin. 2,834,181.
Paris, François G., Le Foll, Meutien, and Bertin. 2,864,235.
- Lefrançois, Philip A., to The M. W. Kellogg Co. Alumina containing catalyst. 2,840,529, 6-24-58, Cl. 252-455.
- Legat, Robert C., to The G. E. Prentice Mfg. Co. Machine for making garment fastener tracks. 2,837,136, 6-3-58, Cl. 153-1.
- Legat, Robert C., and S. Motyka, to The G. E. Prentice Mfg. Co. Fastener slider assembly machine. 2,825,126, 3-4-58, Cl. 29-211.
- Legault, Emilen, and M. Lavoie. Strap and anchor plate puller. 2,837,311, 6-3-58, Cl. 254-79.
- Legge, Frederick H.: *See*—
Noyes, Hazlehurst R., and Legge. 2,832,438.
- Legge, Norman R., to American Synthetic Rubber Corp. Cross linked copolymer. 2,847,406, 8-12-58, Cl. 260-80.7.
- Leggett, Guy O., to Merit Products, Inc. Abrasive wheel. 2,818,691, 1-7-58, Cl. 51-193.5.
- Leggett, Guy O. Reverse taper boring tool. 2,818,753, 1-7-58, Cl. 77-58.
- Léglise, Pierre. Blank typing of terminal segments. 2,834,448, 5-13-58, Cl. 197-84.

- Leglise, Pierre. Typewriters with foldable or detachable justifiers. 2,852,121, 9-16-58, Cl. 197-84.
- Legman, Nathan. Holding attachment for bottle caps. 2,838,209, 6-10-58, Cl. 222-180.
- Legman, Nathan. Shampoo bottle holder. 2,861,766, 11-25-58, Cl. 248-324.
- Le Goff, George: *See*—
Stanley, John C., Le Goff, Moore and Williams. 2,834,625.
- Le Goff, Loman H. Bowling bag. 2,860,681, 11-18-58, Cl. 150-52.
- Legois, Richard J. Marking gage having means for securing said gage to workpieces. 2,822,623, 2-11-58, Cl. 33-189.
- Legorju, Charles: *See*—
Klein, Siegfried. 2,847,516.
- Le Grand, Jesse S.: *See*—
Dishal, Milton, Le Grand, Pellegrinelli, Morrow, and Koehler. 2,861,177.
- Legrand, Karl-Heinz: *See*—
Ludwig, Richard, Halle, and Legrand. 2,865,919.
- Lehde, John W., Jr.: *See*—
Better, Bernard R., and Lehde. 2,819,635.
- Lehder, Robert, to G. Miller. Automobile camera support. 2,856,146, 10-14-58, Cl. 248-291.
- Lehigh Construction Co., Inc.: *See*—
Schaeffer, John M. 2,854,292.
- Lehman, Carl. Weighing machine. 2,848,185, 8-19-58, Cl. 249-16.
- Lehman, Frank H., and P. N. Lehr, to Dictograph Products Co., Inc. Sound distribution system. 2,853,557, 9-23-58, Cl. 179-82.
- Lehman, Harry W.: *See*—
Johnson, Frederick W., and Lehman. 2,866,954.
- Lehman, Harry W., to Collins Radio Co. Duplex antenna switch. 2,858,382, 10-28-58, Cl. 200-5.
- Lehman, Hush R.: *See*—
Hicks, Thomas E., Lehman, and Rubin. 2,852,349.
- Lehmann, George A.: *See*—
Smith, Barry L., and Lehmann. 2,853,776.
- Lehmann, George A., to The Dazey Corp. Bracket assembly. 2,828,098, 3-25-58, Cl. 248-293.
- Lehmann, Harry. Apparatus for closing and sealing containers. 2,859,575, 11-11-58, Cl. 53-341.
- Lehmann, Jules, to Radio Corp. of America. Time-division computing device. 2,849,181, 8-26-58, Cl. 235-61.
- Lehmann, Rolf. Apparatus for automatically collating sheets of paper and the like. 2,856,183, 10-14-58, Cl. 270-58.
- Lehmann, Walter J. Clarinet system. 2,832,249, 4-29-58, Cl. 84-382.
- Lehmann, Willi, to Westinghouse Electric Corp. Electroluminescent cell. 2,840,741, 6-24-58, Cl. 313-108.
- Lehmann, Wolfgang, F. Munz, O. Bayer, and H. Kleiner, to Farbenfabriken Bayer Akt. Textile decorating and textile printing paste. 2,844,490, 7-22-58, Cl. 117-38.
- Lehmann, Wolfgang, and O. Bayer, to Farbenfabriken Bayer Akt. Stabilization of basic condensation products of epichlorohydrin. 2,849,411, 8-26-58, Cl. 260-29.2.
- Lehmann, Wolfgang, and H. Rinke, to Farbenfabriken Bayer Akt. Process for the production of polyureas. 2,852,494, 9-16-58, Cl. 260-77.5.
- Lehmann, Wolfgang, and H. Rinke, to Farbenfabriken Bayer Akt. Process for producing linear polyureas. 2,855,384, 10-7-58, Cl. 260-77.5.
- Lehmans-Leroy, Adolfo G. Containers. 2,857,067, 10-21-58, Cl. 215-2.
- Lehmkuhl, Herbert: *See*—
Ziegler, Karl, Koster, and Lehmkuhl. 2,844,615.
- Ziegler, Karl, and Lehmkuhl. 2,249,349.
- Lehmkuhle, Virgil A., and R. G. Oros. Automatic bag selector and opener. 2,823,505, 2-18-58, Cl. 53-386.
- Lehne, Richard K.: *See*—
Bloom, Albert, Lehne, and Stevinson. 2,842,562.
- Lehnen, Robert J.: *See*—
Slattery, John P., and Lehnen. 2,847,190.
- Lehner, Karl, to Vereinigte Glanzstoff-Fabriken A. G. Thread tension regulators. 2,837,298, 6-3-58, Cl. 242-153.
- Lehner - Stirnemann, Max. Manual knitting apparatus. 2,847,839, 8-19-58, Cl. 66-60.
- Lehner, William L.: *See*—
Carlzen, Carl F., Lehner, and Wagner. 2,863,131.
- Lehnkering, Carl F. Mathematical instruction game. 2,839,844, 6-24-58, Cl. 35-70.
- Lehovec, Kurt: *See*—
Smyth, Donald M., Shirn, and Lehovec. 2,847,493.
- Lehovec, Kurt, to Sprague Electric Co. Method of preparing semiconducting crystals having symmetrical junctions. 2,855,334, 10-7-58, Cl. 148-1.5.
- Lehr, Donald H.: *See*—
Keech, Horace, and Lehr. 2,818,834.
- Lehr, Frederic F. Hot cup and method of making same. 2,838,650, 6-10-58, Cl. 219-44.
- Lehr, Philip N.: *See*—
Lehman, Frank H., and Lehr. 2,853,557.
- Lehr, Philip N., to Dictograph Products Co., Inc. Transistor amplifier for telephone instrument. 2,842,623, 7-8-58, Cl. 179-81.
- Lehre, Frithjof. Method of fastening buttons to textile articles. 2,824,595, 2-25-58, Cl. 154-1.6.
- Lehrer, Erwin: *See*—
Bartholomé, Ernst, Lehrer, Nonnenmacher, and Frey. 2,862,984.
- Sachsse, Hans, Kosbahn, and Lehrer. Re. 24,550.
- Lehrer, Erwin, to Badische Anilin- & Soda-Fabrik Akt. Production of acetylene by incomplete combustion of hydrocarbons with oxygen. 2,833,839, 5-6-58, Cl. 260-679.
- Lehrer, Erwin, to Badische Anilin- & Soda-Fabrik Akt. Production of acetylene by incomplete combustion of hydrocarbons with oxygen, and apparatus therefor. 2,838,585, 6-10-58, Cl. 260-679.
- Lehrer, Erwin, and W. Altstaedt, to Badische Anilin- & Soda-Fabrik Akt. Apparatus for the production of acetylene by incomplete combustion of hydrocarbons. 2,848,305, 8-19-58, Cl. 23-217.
- Lehureau, Jean: *See*—
Dégeorges, Ernest M., and Lehureau. 2,834,817.
- Leibach, Heinrich, to Daimler-Benz Akt. Elastic shaft mounting. 2,858,173, 10-28-58, Cl. 308-9.
- Leibenguth, George O. Silk screen printing frame. 2,854,922, 10-7-58, Cl. 101-127.1.
- Leibing, William E. Degasser. 2,848,202, 8-19-58, Cl. 261-41.
- Leibner, Robert. Spraying device for lining the interior of small diameter pipes. 2,842,095, 7-8-58, Cl. 118-306.
- Leibold, Harry D. Down draft apparatus for cooling food products. 2,833,124, 5-6-58, Cl. 62-91.5.
- Leibrock, Walton V., and G. A. Fasold, to The Philip Carey Mfg. Co. Asphalt shingle with sealing elements. 2,863,405, 12-9-58, Cl. 108-7.
- Leich Electric Co.: *See*—
Evers, Harry G., and Wylie. 2,847,509.
- Leichtung, Arthur, to Creston Glass Products Co. Extensible and tiltable shade support. 2,856,515, 10-14-58, Cl. 240-147.
- Leifer, Abraham. Telephone hand set transmitter disconnect device. 2,838,615, 6-10-58, Cl. 179-158.
- Leigh, Albert: *See*—
Roxburgh, Albert, and Leigh. 2,833,896.
- Leigh, Robert L., to Air Controls Products, Inc. Damper for registers or the like. 2,847,929, 8-19-58, Cl. 98-110.
- Leigh, Robert L., to Air Control Products, Inc. Threshold and seal assembly. 2,849,763, 9-2-58, Cl. 20-64.
- Leika, Walter. Illuminated greeting cards. 2,826,844, 3-18-58, Cl. 40-152.2.
- Leiman Bros., Inc.: *See*—
Parmley, Ralph D. 2,843,313.
- Leimbach, Johann, to A. J. Schneider-Paas. Multiple strand carrier for braiding machines. 2,831,390, 4-22-58, Cl. 87-61.
- Leinfelder, Bernhard A., Jr., and L. D. Favro, to Clevite Corp. Method of producing a semiconductor alloy junction. 2,835,615, 5-20-58, Cl. 148-1.5.
- Leinhart, Russell K., to Colgate-Palmolive Co. Automatic weighing and filling machine. 2,851,063, 9-9-58, Cl. 141-83.
- Leinhausen, Joe P., to Deere Mfg. Co. Wheel mounting for side delivery rake. 2,827,755, 3-25-58, Cl. 56-377.
- Leininger, Robert F.: *See*—
McNulty, Dorothy G., and Leininger. 2,840,549.
- Leinonen, August. Fishhook with live bait holder. 2,825,174, 3-4-58, Cl. 43-44.8.
- Leins, Herman S. Window cleaning tool. 2,852,796, 9-23-58, Cl. 15-220.
- Leins, Oscar J., to Baso Inc. Electro-magnetic safety shut-off device with time delay reset. 2,844,201, 7-22-58, Cl. 161-9.
- Leinweber, Henry E. Centering gauge. 2,829,436, 4-8-58, Cl. 33-42.
- Leipold, Herbert O., to Welcraft Products Co., Inc. Strip heater. 2,824,209, 2-18-58, Cl. 219-46.
- Leise, Ralph G. Inflated discs. 2,864,201, 12-16-58, Cl. 46-90.
- Leisegang, Siegfried, to Siemens & Halske Akt. Object-holding device for electron microscopes. 2,858,444, 10-28-58, Cl. 250-49.5.
- Leisegang, Siegfried, and O. Wolff, to Siemens & Halske Akt. Electron lenses. 2,859,363, 11-4-58, Cl. 313-75.
- Leisenring, Arthur E. Ironing machines. 2,821,033, 1-28-58, Cl. 38-58.
- Leiser, Alfred L., to A. O. Smith Corp. Pusher mechanism. 2,857,036, 10-21-58, Cl. 198-24.
- Leisle, Thomas M.: *See*—
Hughes, John F., Jr., and Leisle. 2,864,750.
- Leiss, Emil: *See*—
Gerstein, Harry, Leiss, and Bayer. 2,858,887.
- Leister, Fayette, to The Fafnir Bearing Co. Bearing mounting. 2,856,245, 10-14-58, Cl. 308-187.
- Leister, Robert B., to Westinghouse Electric Corp. Frequency shift receiver. 2,849,607, 8-26-58, Cl. 250-27.
- Leistner, William E.: *See*—
Hecker, Arthur C., and Leistner. 2,860,115.
- Leistritz, Hans K. Exhaust installation for internal combustion engines. 2,851,123, 9-9-58, Cl. 181-70.
- Leisure, Harry N.: *See*—
McQuiston, Glen R., and Leisure. 2,821,321.
- Leisy, Clifford J., to Boeing Airplane Co. Airfoil aircraft interconnecting boom. 2,859,002, 11-4-58, Cl. 244-3.
- Leitch, George M., and H. C. Trueblood, to North American Aviation, Inc. Servo control system. 2,857,561, 10-21-58, Cl. 318-28.

- Leitenberger, Willigis: *See*—
Kauter, Carl T., and Leitenberger. 2,866,692.
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Leitner, Gordon F., C. R. Gruber, and J. C. Wilson, to Cleaver-Brooks Co. Method of manufacturing a compartmented fluid vessel. 2,832,131, 4-29-58, Cl. 29-469.
Leitner, Linn, J., and C. V. Edwards. Hand drill stand. 2,837,939, 6-10-58, Cl. 77-55.
Leitz, Ernst, G. m. b. H.: *See*—
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Klein, Walter. 2,861,498.
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Leitzel, Ammon M., to Pacific Pulp Molding Co. Porous sintered metal molding die. 2,851,931, 9-16-58, Cl. 92-54.
Leitzel, Ammon M., to Pacific Pulp Molding Co. Pulp molding apparatus. 2,859,669, 11-11-58, Cl. 92-56.
Leja, Casimir E. Resilient supports. 2,856,982, 10-21-58, Cl. 155-5,17.
Lejardi, Rafael. Plural cylinder two cycle engine. 2,833,255, 5-6-58, Cl. 123-59.
Le June, Dorothy: *See*—
Pappas, Alexander J. 2,841,352.
Lekas, John P., to North American Aviation, Inc. Precision gear checker. 2,821,785, 2-4-58, Cl. 33-179.5.
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Leland, Hollis L., E. O. Forster, and C. L. Knapp, Jr., to Esso Research and Engineering Co. Additive-containing oil compositions and the like. 2,824,068, 2-18-58, Cl. 252-49.9.
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Kühl, Robert L. 2,830,268.
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Leloup, Otto G., to Allis-Chalmers Mfg. Co. Apparatus for cooling granular materials. 2,861,353, 11-25-58, Cl. 34-61.
Leloup, Otto G., to Allis-Chalmers Mfg. Co. Apparatus for cooling granular materials. 2,861,356, 11-25-58, Cl. 34-174.
Lelli, Joseph L., to General Motors Corp. Spring construction. 2,856,987, 10-21-58, Cl. 155-179.
Le Loup, Theodore E., to General Electric Co. Colorized point contact electrode for semiconductor devices. 2,861,230, 11-18-58, Cl. 317-236.
Lely, Jan A., to North American Philips Co., Inc. Sublimation process for manufacturing silicon carbide crystals. 2,854,364, 9-30-58, Cl. 148-1.5.
Leman, Arthur L., to Maquinaria Petrolifera, S. A. High-pressure pump liner and packing. 2,856,249, 10-14-58, Cl. 309-3.
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Le May, Ernest G., Jr., and J. E. Drake, to Fairchild Engine and Airplane Corp. Air conditioning control system. 2,858,075, 10-28-58, Cl. 236-13.
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Lemelson, Jerome H. Hollow sheet metal rivet with reinforcing work engaging shoulders. 2,826,110, 3-11-58, Cl. 85-40.
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Lemmon, Walter S., to Radio Industries Corp. Facsimile transmitter. 2,864,886, 12-16-58, Cl. 178-7.1.
Lemoine, André A. E., to Auxim l'Auxiliaire de l'Industrie et des Mines. Cock including a sleeve-shaped packing. 2,864,580, 12-16-58, Cl. 251-317.
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Lenart, Andrew F. Convertible furniture. 2,829,381, 4-8-58, Cl. 5-13.
Lenahan, Bernard E., to Westinghouse Electric Corp. Electrical instruments responsive to alternating energization. 2,849,680, 8-26-58, Cl. 324-138.
Lenahan, Joseph W., to Research Corp. Electrical precipitator. 2,841,238, 7-1-58, Cl. 183-7.
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Lenet, Sidney and J. Vehicle spring. 2,861,798, 11-25-58, Cl. 267-45.
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Lengnick, George F. W., to Daimler-Benz Aktiengesellschaft. Valve control mechanism for internal combustion engines. 2,833,257, 5-6-58, Cl. 123-90.
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- Lennox, Thomas H., to General Electric Co. Thermostatically controlled heating apparatus. 2,862,093, 11-25-58, Cl. 219-20.
- Lennox, Thomas C., H. A. Fohrhaltz, and J. F. McKenney, to General Electric Co. Circuit for simulating transformer winding hot spot temperature. 2,834,920, 5-13-58, Cl. 317-14.
- Lenoir, Michel, to Societe Anonyme Petercem. Thermostat. 2,832,869, 4-29-58, Cl. 200-138.
- Lenois, Grace M. Hair curler. 2,825,344, 3-4-58, Cl. 132-42.
- Lenox Industries, Inc.: See—
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- Lenton, Albert, to Saml. Dennison & Son Ltd. Means for testing the physical properties of materials. 2,864,253, 12-16-58, Cl. 73-94.
- Lents, George C. Illuminated graduated level. 2,827,558, 3-18-58, Cl. 240-644.
- Lentz, Guy E.: See—
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- Lentz, John J., to International Business Machines Corp. High speed read-out arrangement for data storage devices. 2,826,357, 3-11-58, Cl. 235-61.
- Lentz, Joseph K., to Durakool, Inc. Relay plunger. 2,830,153, 4-8-58, Cl. 200-112.
- Lentz, Joseph K., and A. A. Grunwald, to Durakool, Inc. Electrode assembly. 2,823,284, 2-11-58, Cl. 200-152.
- Lentz, Lawrence R., to Champion Spark Plug Co. Igniter. 2,831,993, 4-22-58, Cl. 313-115.
- Lentz, Thomas H., and H. Whitteoff, to General Mills, Inc. Use of naphthenic amines in phosphate flotation. 2,818,976, 1-7-58, Cl. 209-166.
- Lentz, Thomas H., J. W. Opie, and D. E. Terry, to General Mills, Inc. Stable dispersions of fatty amine acid salts. 2,845,392, 7-29-58, Cl. 252-311.
- Lentze, Felix: See—
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- Lenz, Lionel C. Slipcover. 2,848,039, 8-19-58, Cl. 155-182.
- Lenze, Eberhard, and J. Müller. Storing lamp fixtures. 2,837,631, 6-3-58, Cl. 240-511.
- Leo, Herbert T., and C. C. Taylor. Method of making low sugar pectinic acid gels. 2,824,007, 2-18-58, Cl. 99-132.
- Leo, Herbert T., and C. C. Taylor. Dietary gel composition. 2,865,761, 12-23-58, Cl. 99-132.
- Leobard Corp.: See—
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- Leonard, Daniel C., to Dorr-Oliver-Long Ltd. Front dump mine skip. 2,828,041, 3-25-58, Cl. 214-741.
- Leonard, Edith M. Peristaltic therapeutic apparatus. 2,826,197, Cl. 128-227.
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- Leonard, Edward J., to International Telephone and Telegraph Corp. Intermitent-flow condenser-storage timer. 2,830,235, 4-8-58, Cl. 317-141.
- Leonard, Edward J., to International Telephone and Telegraph Corp. Terminal-perforation party-line telephone system. 2,839,609, 6-17-58, Cl. 179-17.
- Leonard, Edward J., to International Telephone and Telegraph Corp. All-relay frequency-controlled pulse generator. 2,852,701, 9-16-58, Cl. 307-132.
- Leonard, Eugene, to Underwood Corp. Signal transfer selector. 2,853,559, 9-23-58, Cl. 179-100.2.
- Leonard, Francis J., A. De Castro, and T. F. Groll, Jr., to Nonco Chemical Co. Defoaming composition. 2,843,551, 7-15-58, Cl. 252-358.
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- Leonard, George H., to R. W. Okie. Coffee maker. 2,829,583, 4-8-58, Cl. 99-209.
- Leonard, Henri, to ETS. Garner & Fils. Dental engine head assembly. 2,865,101, 12-23-58, Cl. 32-26.
- Leonard, Jesse D. Apparatus for producing stripper wells. 2,844,029, 7-22-58, Cl. 73-200.
- Leonard, John G., to General Electric Co. Emergency speed governor. 2,831,671, 4-22-58, Cl. 264-17.
- Leonard, John G., to United States of America. Air Force. Overspeed control. 2,857,489, 10-21-58, Cl. 200-80.
- Leonard, Lloyd H. Vertical-take-off type aircraft with jet driven rotor system. 2,866,608, 12-30-58, Cl. 244-7.
- Leonard, Louis H., Jr., to Carrier Corp. Absorption refrigeration systems. 2,840,997, 7-1-58, Cl. 62-494.
- Leonard, O. P.: See—
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- Leonard, Reid H., to Heyden Newport Chemical Corp. Method of making levulinic acid. 2,840,605, 6-24-58, Cl. 260-528.
- Leonard, Richard H., to General Electric Co. Bearing assembly and clothes dryer equipped therewith. 2,823,962, 2-18-58, Cl. 308-26.
- Leonard, Robert F.: See—
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- Leonard, Stephen C., R. L. Ten Broeck, and L. R. Runaldue, to General Electric Co. Single sheet loss tester. 2,861,241, 11-18-58, Cl. 324-34.
- Leonhart, Donald F., to The Youngstown Steel Door Co. Lading strap anchors. 2,864,322, 12-16-58, Cl. 105-369.
- Leoni, Ray D., to United Aircraft Corp. Rotor head. 2,853,141, 9-23-58, Cl. 170-160.55.
- Leopold, Alfred R., to Westinghouse-Bremesen-Gesellschaft, m. b. H. Fluid pressure controlled clutch and brake apparatus for hoisting drums. 2,836,270, 5-27-58, Cl. 192-12.
- Leopold, Alfred-Rudolf, to Westinghouse-Bremesen-Gesellschaft, m. b. H. Rotary union. 2,820,650, 1-21-58, Cl. 285-134.
- Leopold, Howard F., to Ero Mfg. Co. Cushion covers and breather eyelets therefor. 2,837,146, 6-3-58, Cl. 155-182.
- Leopold, Otto. High voltage switching arrangement. 2,828,392, 3-25-58, Cl. 200-148.
- Lepetit S. p. A.: See—
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- Lepley, Allen E.: See—
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Anderson, Robert J., Gennert, and Lepley. 2,823,685.
- Le Poole, Jan B., to North American Philips Co., Inc. Generator producing pulsatory voltage. 2,838,665, 6-10-58, Cl. 250-27.
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- Lepper, Dale R. Bench and table unit. 2,856,985, 10-21-58, Cl. 155-124.
- Leppla, Ralph J., to Jack & Heintz, Inc. Ground fault protector. 2,825,006, 2-25-58, Cl. 317-13.
- Lepri, Attilio, to The Bottle Dispensing Co., Inc. Bottle closure. 2,850,192, 9-2-58, Cl. 215-21.
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- Lerbs, Alfred, to Compagnie Generale de Telegraphie Sans Fil. Transmitter-receiver switches. 2,856,518, 10-14-58, Cl. 250-17.
- Lerbs, Alfred, to Compagnie Generale de Telegraphie Sans Fil. Travelling wave magnetron tube. 2,861,212, 11-18-58, Cl. 315-3.6.
- Lerch, Charles S., Jr., M. Slavin, B. P. Hooten, Jr., F. E. Churchhill, and C. C. Hsu, to Bendix Aviation Corp. Signal seeking radio receiver. 2,843,734, 7-15-58, Cl. 250-20.
- Lerch, Frederic F., to American Can Co. Can feeding apparatus. 2,845,161, 7-29-58, Cl. 193-32.
- Lerch, Loren W.: See—
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- Lerch, Walter, to Glas- und Spiegel-Manufacture Act-Ges. Method and apparatus for producing tubes of vitreous materials. 2,826,869, 3-18-58, Cl. 49-29.
- Lerliche, Cedric C. Box car. 2,851,965, 9-16-58, Cl. 105-404.
- Lerick, Lester. Flexible golf tee. 2,839,304, 6-17-58, Cl. 273-207.
- Lerman, Monroe A. Wheel chair width control. 2,824,597, 2-25-58, Cl. 155-39.
- Lerman, Monroe A. Steering handle for motor vehicles. 2,860,523, 11-18-58, Cl. 74-494.
- Lerner, Julius, and R. H. Livesay, to Sun Oil Co. Apparatus for measuring response time of control systems. 2,857,928, 10-28-58, Cl. 137-551.
- Lerner, Louis L., to The Gillette Co. Dispenser. 2,833,448, 5-6-58, Cl. 222-209.
- Lerner, Louis L., to The Eyelet Specialty Co. Sealed cosmetic container. 2,840,230, 6-24-58, Cl. 206-56.
- Lerner, Louis L., and A. Safianoff, to The Gillette Co. Dispensing pump and check valve therefor. 2,855,127, 10-7-58, Cl. 222-207.
- Lerner, Louis L., and A. Safianoff, to The Gillette Co. Dispenser. 2,857,919, 10-28-58, Cl. 132-115.
- Lero, Ernest, to Societe Anonyme dite: Krebs & Cie. Method of roasting sulphur ores in suspension. 2,860,964, 11-18-58, Cl. 75-9.
- Leroy, Etienne, to E. Langeais. Suspension system for vehicles. 2,857,010, 10-21-58, Cl. 180-59.
- Le Roy, Franklin J., to The Jeffrey Mfg. Co. Picking and cleaning apparatus. 2,844,251, 7-22-58, Cl. 209-216.
- Leroy, Louis, to M. P. McCaffrey, Inc. Grapple. 2,850,189, 9-2-58, Cl. 214-114.
- Le Roy, Michel. Articulated beam structure. 2,844,232, 7-22-58, Cl. 189-34.
- Le Roy, Pauline. Split-lock marker ring. 2,828,900, 4-1-58, Cl. 223-110.
- Lersch, Richard A., to Variety Display Service, Inc. Display fixture. 2,850,820, 9-9-58, Cl. 40-10.
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- Le Sage, Eugene J., to Armstrong Cork Co. Scraper. 2,864,104, 12-16-58, Cl. 15-93.
- Lesage, Robert F., to Richards-Wilcox Mfg. Co. Combined sliding and side sealing door. 2,843,375, 7-15-58, Cl. 268-53.
- Lesavoy, I. Lawrence. Towel dispensing means. 2,861,856, 11-25-58, Cl. 312-38.
- Lescher, George W. Support for resonant sounding tubes. 2,820,431, 1-21-58, Cl. 116-169.
- Lesscin, George A., to Union Carbide Corp. Purification of sulfuric acid. 2,856,265, 10-14-58, Cl. 23-172.
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- Leshner, Kenneth W., to General Motors Corp. Atomizer for brake cooling. 2,821,437, 1-28-58, Cl. 299-115.
- Leshik, Edward A. Painting implement. 2,861,371, 11-25-58, Cl. 41-1.
- Leshin, Richard, to The Goodyear Tire & Rubber Co. N-pyridyl thiazolesulfenamide vulcanization accelerators. 2,866,777, 12-30-58, Cl. 260-79.5.
- Leshin, Richard, to The Goodyear Tire & Rubber Co. New thiazoline and thiazole accelerators. 2,866,778, 12-30-58, Cl. 260-79.5.
- Leshner, Ervin, to Burroughs Corp. Tape metering device. 2,858,131, 10-28-58, Cl. 271-2.4.
- Leshner, Ervin, to Falco Products Co. (also known as Falco Products Co.). Folding table made of removable table top sections. 2,861,855, 11-25-58, Cl. 311-90.
- Leskinen, Jorma I. Radar target simulator. 2,856,701, 10-21-58, Cl. 35-10.4.
- Leslie Co. : *See*—
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- Leslie, Donald J. Acoustic apparatus. Re. 2,4566, 11-11-58, Cl. 181-27.
- Leslie, Donald J. Apparatus for chlorination. 2,820,701, 1-21-58, Cl. 23-271.
- Leslie, James D., C. H. Schamel, and H. E. Van Voorhees, to General Motors Corp. Door latch for a pillarless automobile. 2,827,321, 3-18-58, Cl. 292-5.
- Leslie, James D., C. H. Schamel, and C. S. Semar, to General Motors Corp. Window regulator. 2,848,218, 8-19-58, Cl. 268-124.
- Leslie, James D., R. M. Fox, and E. J. Premo, to General Motors Corp. Vehicle ventilation system using shroud chambers. 2,852,997, 9-23-58, Cl. 98-2.
- Leslie, James D., and H. J. Wubbe, to General Motors Corp. Window regulator. 2,862,703, 12-2-58, Cl. 268-104.
- Leslie, James D., to General Motors Corp. Inertia safety device for a door latch. 2,864,641, 12-16-58, Cl. 292-336.3.
- Leslie, John W., to Signode Steel Strapping Co. Cross brace for load retaining doors. 2,822,044, 2-4-58, Cl. 160-368.
- Leslie, Philip, F. J. R. Batten, and E. W. Smith. Method of making a surgical cast. 2,847,992, 8-19-58, Cl. 128-90.
- Leslie, Thomas L., to Libby, McNeill & Libby. Box handling devices. 2,847,245, 8-12-58, Cl. 294-110.
- Leslie, William C., to United States Steel Corp. Method for producing non-aging silicon-killed steel. 2,861,609, 11-25-58, Cl. 148-21.5.
- Lesnewich, Alexander, to Air Reduction Co., Inc. Gas shielded arc welding. 2,859,329, 11-4-58, Cl. 219-74.
- Lesovitz, Edward J., to Thomas Electronics, Inc. Cathode ray tube gun assembly. 2,840,739, 6-24-58, Cl. 313-82.
- Lesovsky, Rodin V., to Robertshaw-Fulton Controls Co. Mixing valve. 2,855,151, 10-7-58, Cl. 236-12.
- Lessig, Edward T., to The B. F. Goodrich Co. Method of reducing elongation of cords. 2,846,752, 8-12-58, Cl. 28-72.
- Lessinz, Heinz W. : *See*—
 Meiners, Carl O., and H. W. and W. B. Lessing. 2,820,356.
- Lessing, Walter : *See*—
 Meiners, Carl O., and W. and W. B. Lessing. 2,839,669.
- Lessing, Walter B. : *See*—
 Meiners, Carl O., and H. W. and W. B. Lessing. 2,820,356.
 Meiners, Carl O., and W. and W. B. Lessing. 2,839,669.
- Lessler, Lew W., and J. K. Polhemus, to General Aniline & Film Corp. View finder for photographic camera. 2,845,836, 8-5-58, Cl. 83-1.5.
- Lesslie, Thomas E. : *See*—
 Korkmas, George F., Lesslie, and Zerbe. 2,850,353.
- Lesslie, Thomas E., to Monsanto Chemical Co. Method of defoliating plants with alkylenebis (thionocarbamates). 2,852,361, 9-16-58, Cl. 71-2.7.
- Lessmann, Herbert F. Power shovels or the like. 2,820,555, 1-21-58, Cl. 214-140.
- Lester, Burton R., to General Electric Co. Communication coding and decoding apparatus. 2,845,616, 7-29-58, Cl. 340-345.
- Lester, Frank P. and M. H. Ceramic structure and method for making same. 2,839,209, 6-17-58, Cl. 215-13.
- Lester, George E. and W. Artificial denture structures. 2,854,746, 10-7-58, Cl. 32-2.
- Lester, John M. Key contact system for electronic organs. 2,848,920, 8-26-58, Cl. 84-1.27.
- Lester, Marianne H. : *See*—
 Lester, Frank P. and M. H. 2,839,209.
- Lester, Ray F., to Crouse-Hinds Co. Lighting unit. 2,866,084, 12-23-58, Cl. 240-11.2.
- Lester, William : *See*—
 Elchelberger, Charles D., and Lester. 2,840,652.
 Lester, George E. and W. 2,854,746.
- Lester, William M. : *See*—
 Cooksley, Ralph D., and Lester. 2,862,648.
- Leston, Theodore I., and W. B. Kriewall. Applicator for spattering masses. 2,865,325, 12-23-58, Cl. 118-300.
- Le Suer, William M., to The Lubrizol Corp. Inhibition of corrosion of phosphated metal surfaces. 2,820,723, 1-21-58, Cl. 117-127.
- Le Suer, William M., to The Lubrizol Corp. Preparation of fluid polyvalent metal phenates. 2,835,688, 5-20-58, Cl. 260-429.9.
- Le Supier : *See*—
 Van Doren, Pierre B. 2,843,400.
- Le Tarte, Frank M. Traction mechanism for tractor trailers. 2,832,610, 4-29-58, Cl. 280-405.
- Leta, Taylor E. : *See*—
 Morphis, Jehu. 2,836,144.
- L'Etat Francais, Societe d'Electrochimie d'Electrometallurgie et des Acieries Electriques d'Ugine, and l'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude : *See*—
 Dufrasse, Charles, Etienne, and Toromanoff. 2,862,794.
- Letherland, Harry : *See*—
 Buxton, Sidney W., Oakley, and Letherland. 2,829,534.
- Letney, Le Roy, to The Rath Packing Co. Method of coating freshly cut surfaces of meat. 2,819,975, 1-14-58, Cl. 99-169.
- LeTourneau, R. G., Inc. : *See*—
 LeTourneau, Robert G. 2,845,694.
- LeTourneau, Robert G. Electrically controlled brake unit. 2,820,928, 1-21-58, Cl. 317-198.
- LeTourneau, Robert G. Log handling machine. 2,828,878, 4-1-58, Cl. 214-510.
- LeTourneau, Robert G., to R. G. LeTourneau, Inc. Means and method for forming coils. 2,845,694, 8-5-58, Cl. 29-155.57.
- LeTourneau-Westinghouse Co. : *See*—
 Chandler, James I., and Roe. 2,844,783.
- Hyler, John H., Isgren, and Spannake. 2,859,049.
- Roe, Charles C. 2,844,804.
- Spannake, Ernst W. 2,857,169.
- Letschert, Alois : *See*—
 Pfannmueller, Wilhelm, Letschert, and Fuchs. 2,821,006.
- Letsinger, Robert L., and I. H. Skoog, to Caltory Chemical Co. Preparation of heterocyclic organoboron compounds. 2,839,566, 6-17-58, Cl. 260-462.
- Letf, Geoffrey B., to E. W. Hawkinson. Apparatus for remoulding or retreading tyres for vehicles. 2,840,857, 7-1-58, Cl. 18-44.
- Letteney, John A., to J. A. Letteney and H. L. Federman. Vehicle speed control system. 2,863,962, 12-9-58, Cl. 200-61.89.
- Letterman, Charles B., to Underwood Corp. Power impulse control for type actions. 2,861,669, 11-25-58, Cl. 197-17.
- Lettieri, Frank A. Self propelled reversing toy. 2,846,814, 8-12-58, Cl. 46-244.
- Letzas, Rudolf : *See*—
 Tape, Hans-Martin, and Letzas. 2,825,509.
- Leubner, Gerhard W. : *See*—
 Unruh, Cornelius C., Leubner, and Smith. 2,861,058.
- Leuchs, Friedrich, to E. K. P. M., and C. Conradt, trading as C. Conradt. Electric carbon brushes. 2,856,471, 10-14-58, Cl. 191-55.
- Leukart, J., Machine Co., Inc. : *See*—
 Brown, Gerald H., and Lewis. 2,856,828.
- Leukuma, Alfred A. : *See*—
 Hedrick, James R., and Leukuma. 2,854,218.
- Leum, Leonard N., and P. M. Pitts, to The Atlantic Refining Co. Cyclic process for the removal of hydrogen sulfide from high temperature gaseous streams without reduction in temperature. 2,845,382, 7-29-58, Cl. 196-28.
- Leumann, Ernst, D. Porrer, A. Defforin, and A. Maeder, to Ciba Ltd. New carboxylic acid imide and a process for the manufacture thereof. 2,830,045, 4-8-58, Cl. 260-239.
- Leupold, Curt W., to Vereinigte Papierwerke Schickedanz & Co. Clasp for detachable attachment of textile and paper fabrics, etc. 2,828,521, 4-1-58, Cl. 24-186.
- Leupold, Curt W., and L. Hupfaut. Sanitary belt. 2,863,456, 12-9-58, Cl. 128-291.
- Leupold, Henry F., and C. H. Lighthipe, to Nopco Chemical Co. Textile lubricating compositions. 2,824,832, 2-25-58, Cl. 252-8.9.
- Leutert, Walter, to Society Brematex. Spinning frames provided with variable speed driving means. 2,831,312, 4-22-58, Cl. 57-93.
- Leutert, Walter, to Society Brematex. Spinning machines including a ring rail. 2,841,949, 7-8-58, Cl. 57-99.
- Leutert, Walter, to Brematex. Spinning machines. 2,854,813, 10-7-58, Cl. 57-110.
- Leutert, Walter, to Societe Brematex. Devices for coupling together adjacent shaft sections in particular in direct drive spindle spinning machines. 2,861,436, 11-25-58, Cl. 64-13.
- Lentwiler, Richard W., and J. L. Ehretzman, to American Air Filter Co. Inc. Control and pressure regulating valve. 2,833,303, 5-6-58, Cl. 137-495.
- Le Van, Ambrose E., to American Machine and Metals, Inc. Pressure gauge. 2,821,855, 2-4-58, Cl. 73-411.

- Le Van, Ambrose E., to American Machine and Metals, Inc. Instruments. 2,839,942, 6-24-58, Cl. 74—434.
- Le Van, Ambrose E., and W. D. Huston, to American Machine and Metals, Inc. Instruments. 2,818,876, 1-7-58, Cl. 137—82.
- Le Van, James O., to Hamilton Watch Co. Luminous watch dial. 2,823,512, 2-18-58, Cl. 58—50.
- Levand, Victor A.: *See—*
Foote, Alton G., and Levand. 2,835,265.
- Le Vantine, Allan D., to Litton Industries of California. Flexible pressurized conduit. 2,865,403, 12-23-58, Cl. 138—50.
- Levasheff, Vladimir V.: *See—*
May, Frank H., and Levasheff. 2,824,787.
May, Frank H., and Levasheff. 2,855,276.
May, Frank H., Levasheff, and Hammar. 2,833,623.
- Leveque, Marcel: *See—*
Taevarian, Skon, Leveque, and Leclerc. 2,829,427.
- Levedahl, William J., to the United States of America as represented by the Secretary of Commerce. Rapid gas-sampling valve. 2,821,856, 2-4-58, Cl. 73—421.5.
- Le Veen, Harry H. Reflective heat insulating coating for animals. 2,826,169, 3-11-58, Cl. 119—1.
- Leveillee, Frances M. Adjustable diaper. 2,837,096, 6-3-58, Cl. 128—284.
- Levelli, Derek A., and K. E. Harris, to A. C. Cossor Ltd. Secondary radar systems. 2,824,301, 2-18-58, Cl. 343—6.5.
- Levenberg, Nathan. Radiator enclosure. 2,865,569, 12-23-58, Cl. 237—79.
- Lever Bias Machine Corp.: *See—*
Gerstein, Harry, Leiss, and Bayer. 2,858,887.
- Lever Brothers Co.: *See—*
Anson, Mortimer L., and Pader. 2,830,902.
Anson, Mortimer L., and Pader. 2,833,651.
Barnum, Howard J., Jr. 2,860,431.
Boldingh, Jan, and Taylor. 2,819,169.
Carroll, Frank E. 2,859,182.
Grant, Gary G. 2,835,091.
Higham, Edward H., and Thomas. 2,844,350.
Lamberti, Vincent, and Gray. 2,860,107.
Libby, Louis H. 2,848,419.
Libby, Louis H., and Henderson. 2,832,743.
McDermott, Franklin. 2,845,191.
Moss, Norman L., and Thomas. 2,839,963.
Raynor, Derek. 2,834,937.
Ruff, Edgar E. 2,861,954.
Ruff, Edgar E., and Dukeshire. 2,861,044.
Ruff, Edgar E., and Smith. 2,829,102—9.
Schramm, Charles H. 2,848,420.
Scott, Alan D., and Hazzard. 2,846,400.
- Lever, Kenneth C. Combined lunch bag and napkin cloth. 2,831,624, 4-22-58, Cl. 229—52.
- Leverett, Jack T. Combined crib or bed rocker and shaker. 2,841,802, 7-8-58, Cl. 5—109.
- Leverett, Miles C.: *See—*
Fermi, Enrico, and Leverett. 2,837,477.
- Leverett, Miles C., to the United States of America as represented by the United States Atomic Energy Commission. Reactor unloading. 2,824,056, 2-18-58, Cl. 204—193.2.
- Leverington, George H., to The Birmingham Small Arms Co. Ltd. Copying machines. 2,826,123, 3-11-58, Cl. 90—24.3.
- Leverstart Ltd.: *See—*
Sweet, Clifford W. 2,834,227.
- Lever, Raymond C., to Crescent Swimming Pools, Inc. Pre-cast sectional concrete structure. 2,858,693, 11-4-58, Cl. 72—13.
- Levesque, Charles L.: *See—*
De Benneville, Peter L., and Levesque. 2,820,801.
- Levetus, Francis B., G. E. Chittenden, and N. Lee, to The Keelavite Co. Ltd. Hydraulic control valve apparatus. 2,841,163, 7-1-58, Cl. 137—332.
- Levetus, Francis B., and G. E. Chittenden, to The Keelavite Co. Ltd. Apparatus for maintaining a predetermined relationship between the speeds of two independently driven members. 2,846,849, 8-12-58, Cl. 60—53.
- Levetus, Francis B., and A. R. Hyslop, to The Keelavite Co. Ltd. Apparatus for causing intermittent operation of a hydraulic motor. 2,818,873, 8-26-58, Cl. 60—51.
- Levey, Fred'k H., Co., Inc.: *See—*
Brodie, George R. 2,821,132.
Brodie, George R. 2,821,133.
Brodie, George R. 2,821,134.
Brodie, George R. 2,837,994.
Brodie, George R. 2,850,970.
Brodie, George R. 2,850,971.
Brodie, George R., and Raybnck. 2,826,413.
Buckwalter, Geoffrey R., and Costello. 2,820,710.
- Levey, Gustav S. Hose-type paint heater. 2,833,909, 5-6-58, Cl. 219—39.
- Levi, Clifford A.: *See—*
Hall, Thomas C., and Levi. 2,827,403.
- Levi, Irving, to Charles E. Frosst & Co. Chloramphenicol intermediate. 2,862,025, 11-25-58, Cl. 260—188.
- Levi, Leon H., to Max Factor Co. Lipstick container. 2,830,602, 4-15-58, Cl. 132—79.
- Levi, Nino, to Soc. Guistal. Guide for the windows of automobiles and like vehicles. 2,829,000, 4-1-58, Cl. 296—44.5.
- Levicy, Robert. Gliding kite mounted on a stick. 2,820,320, 1-21-58, Cl. 46—77.
- Levin, Aaron B., to Philco Corp. High frequency coupling system. 2,858,473, 10-28-58, Cl. 315—5.44.
- Levin, Carl A.: *See—*
Larson, Edward S., and Levin. 2,840,216.
- Levin, Harold. Adjustable crib side. 2,853,719, 9-30-58, Cl. 5—100.
- Levin, Harry M. Edible composition of vegetable oil emulsion and butter fat emulsion convertible by aeration into a stiff mass. 2,836,497, 5-27-58, Cl. 99—118.
- Levin, John B.: *See—*
Crandell, Paul A., and Levin. 2,858,535.
- Levin, Menachem: *See—*
Levin, Menachem, Friedlander, and Horowitz. 2,820,362.
Levin, Menachem, J. Friedlander, and S. Horowitz, to The Ministry of Agriculture (The Institute for Fibres and Forest Products), and to said Levin, Friedlander, and Horowitz. Apparatus for testing yarns. 2,820,362, 1-21-58, Cl. 73—160.
- Levin, Morris J. Cylinder lock. 2,818,723, 1-7-58, Cl. 70—383.
- Levin, Nathan D., to The Rauland Corp. Apparatus for coating the face plate of a cathode-ray tube envelope. 2,858,797, 11-4-58, Cl. 118—317.
- Levin, Nathan D., and F. J. Kinsch, to The Rauland Corp. Luminescent screen forming process. 2,828,217, 3-25-58, Cl. 117—33.5.
- Levin, Robert H.: *See—*
Heinzelman, Richard V., Moffett, and Levin. 2,833,772.
Lyttle, Douglas A., and Levin. 2,838,550.
- Levin, Robert H., and B. J. Magerlein, to The Upjohn Co. Steroid compounds and process. 2,824,871, 2-25-58, Cl. 260—239.55.
- Levin, Simon. Controllable skate having continuously applied brake. 2,865,644, 12-23-58, Cl. 280—11.2.
- Levin, Simon. Roller skate having continuously applied braking means. 2,865,645, 12-23-58, Cl. 280—11.2.
- Levin, William S., to the United States of America as represented by the Secretary of the Navy. Gated frequency doubler. 2,820,902, 1-21-58, Cl. 250—36.
- Levine, Abraham. Lockable latching device. 2,819,602, 1-14-58, Cl. 70—74.
- Levine, Abraham, ½ to Baltimore Luggage Co., and ½ to Presto Lock Co. Fastener means for receptacles and other uses. 2,819,603, 1-14-58, Cl. 70—74.
- Levine, Abraham. Pivoted hasp type latching device. 2,819,604, 1-14-58, Cl. 70—74.
- Levine, Abraham. Latching and locking means for luggage cases and like receptacles. 2,820,359, 1-21-58, Cl. 70—69.
- Levine, Abraham L.: *See—*
Hartman, George S., and Levine. 2,865,973.
Hartman, George S., and Levine. 2,865,975.
- Levine, Albert K., to Sylvania Electric Products Inc. Method of preparing a fluorescent screen. 2,840,470, 6-24-58, Cl. 96—35.
- Levine, Arnold M., to International Telephone and Telegraph Corp. Power supply system. 2,833,960, 5-6-58, Cl. 315—27.
- Levine, Arnold M., to International Telephone and Telegraph Corp. Television receiver. 2,850,564, 9-2-58, Cl. 178—5.8.
- Levine, Arnold M., to International Telephone and Telegraph Corp. Pulse communication system. 2,852,610, 9-16-58, Cl. 179—15.6.
- Levine, Bernard B. Dispensing device. 2,839,228, 6-17-58, Cl. 222—537.
- Levine, Bernard M. Flush tank riser assembly. 2,819,727, 1-14-58, Cl. 137—444.
- Levine, Boris. Desk attachment. 2,854,309, 9-30-58, Cl. 312—317.
- Le Vine, Donald J., to International Telephone and Telegraph Corp. Microwave transmission lines. 2,836,798, 5-27-58, Cl. 333—9.
- Le Vine, Donald J., and R. J. Merkel, to International Telephone and Telegraph Corp. Radio frequency transducers. 2,825,876, 3-4-58, Cl. 333—34.
- Levine, Elroi. Upholstered furniture. 2,864,438, 12-16-58, Cl. 175—191.
- Levine, Harold A.: *See—*
Larson, Ernest T., Jr., and Levine. 2,855,301.
- Levine, Harvey, to General Electric Co. Electric skillet handle structure. 2,823,293, 2-11-58, Cl. 219—44.
- Levine, Herman. Spaghetti fork with improved handle. 2,841,869, 7-8-58, Cl. 30—322.
- Levine, Julius. Expansion wrist band. 2,831,227, 4-22-58, Cl. 24—71.
- Levine, Max: *See—*
Temin, Samuel C., and Levine. 2,820,826.
- Levine, Philip: *See—*
Halpern, Benjamin D., Karo, and Levine. 2,834,763.
- Levine, Samuel W., to Fairchild Camera and Instrument Corp. Amplitude to position modulation converter. 2,830,113, 4-8-58, Cl. 178—6.8.
- Levine, Sidney: *See—*
Esseff, George J., Levine, and Thurston. 2,831,808.
- Levings, Wendell C. Lamp shade made of retainer frames. 2,829,245, 4-1-58, Cl. 240—108.
- Levinson, Leon A.: *See—*
Goldberg, Richard J., and Levinson. 2,837,430.
- Levit, Edward C., to Whirlpool Corp. Dispensing system. 2,838,208, 6-10-58, Cl. 222—133.
- Levitt, Leo L.: *See—*
Christy, Robert A., and Levitt. 2,845,097.
- Levkoff, David, ¼ to E. S. Levkoff, ¼ to H. S. Levkoff, and ¼ to E. L. Sennet. Cartons. 2,827,220, 3-18-58, Cl. 229—31.

- Levkoff, Evelyn S.: *See*—
Levkoff, David. 2,827,220.
- Levkoff, Henry S.: *See*—
Levkoff, David. 2,827,220.
- Levkoff, Milton G. Lawn mowers. 2,851,843. 9-16-58, Cl. 56—26.
- Levorson, Alvin K. Silk screen stencil and holder. 2,818,803. 1-7-58, Cl. 101—127.1.
- Levy Auto Parts Co. Ltd.: *See*—
Kempler, Frederick. 2,818,811.
- Levy, Ernest, Jr., and C. Mittel, to Sorensen and Co. Protective circuit for inverters. 2,833,977. 5-6-58, Cl. 321—2.
- Levy, Hans F., $\frac{1}{2}$ to R. K. Youtie. Materials-handling vehicle. 2,833,435. 5-6-58, Cl. 214—515.
- Levy, Harold, to G. D. Searle & Co. New steroids and methods for their production. 2,855,415. 10-7-58, Cl. 260—397.45.
- Levy, Irving E., E. S. Mockus, and A. B. Sprut, to Raytheon Mfg. Co. Method of encasing a transistor and structure thereof. 2,827,598. 3-18-58, Cl. 317—235.
- Levy, Marilyn, to United States of America, Army. Photo-sensitive system. 2,835,577. 5-20-58, Cl. 96—50.
- Levy, Marilyn, and N. A. Kidd, to United States of America, Army. Developing and fixing exposed silver succinimidoxime. 2,841,494. 7-1-58, Cl. 96—61.
- Levy, Marion I.: *See*—
Harris, John E., and Levy. 2,839,279.
- Levy, Monroe D.: *See*—
Kofron, Vernon K., and Levy. 2,853,663.
- Levy, Norman, and R. C. Thomson, to Imperial Chemical Industries Ltd. Production of isopropanol by hydration with propylene recycle. 2,834,816. 5-13-58, Cl. 260—641.
- Levy, Samuel L. Screw joint. 2,859,992. 11-11-58, Cl. 287—125.
- Levy, Sidney: *See*—
Cohen, Abraham B., and Levy. 2,852,089.
- Levy, Sidney. Method for removing material. 2,850,854. 9-9-58, Cl. 51—281.
- Levy, Sidney E.: *See*—
Cohen, Abraham B., and Levy. 2,845,135.
- Levy, Sidney E., $\frac{1}{2}$ to A. Blumenfeld. Loudspeaker circuitry. 2,832,828. 4-29-58, Cl. 179—1.
- Levy, Sidney E., $\frac{1}{2}$ to A. Blumenfeld. Sound translating device. 2,832,845. 4-29-58, Cl. 179—115.5.
- Levy, Sidney E., $\frac{1}{2}$ to A. Blumenfeld. Universal support system for reflex-type loudspeaker. 2,857,012. 10-21-58, Cl. 181—27.
- Levy, Sidney E., $\frac{1}{2}$ to A. Blumenfeld. Driver unit for loudspeakers. 2,858,377. 10-28-58, Cl. 179—115.5.
- Levy, Stephen L., to Sylvania Electric Products Inc. Electrical crystal unit. 2,840,710. 6-24-58, Cl. 250—31.
- Levy, William G. Tilting back rest for bed. 2,844,829. 7-29-58, Cl. 5—327.
- Lew, Henry Y., to California Research Corp. Alkyl sulfate detergent compositions. 2,846,402. 8-5-58, Cl. 252—152.
- Lewanda, William, to International Telephone and Telegraph Corp. High voltage rectifier. 2,832,923. 4-29-58, Cl. 317—241.
- Lewanda, William, F. Marasa, and R. F. Durst, to International Telephone and Telegraph Corp. Selenium rectifiers. 2,856,364. 10-14-58, Cl. 252—62.3.
- Lewellen, Darcy E., and E. F. Variable pitch pulley. 2,850,913. 9-9-58, Cl. 74—230.17.
- Lewellen, Emmons F.: *See*—
Lewellen, Darcy E., and E. F. 2,850,913.
- Lewen, Nikolaus, and H. Oden, to International Standard Electric Corp. Circuit arrangement for logically handling procedures which arrive at any time. 2,860,188. 11-11-58, Cl. 179—18.
- Lewfor Development Corp.: *See*—
Mestre, Luis. 2,821,911.
Mestre, Luis. 2,845,860.
Mestre, Luis. 2,846,220.
Mestre, Luis. 2,859,692.
- Lewicki, Edward M.: *See*—
Schnitzler, Meyer J., Lewicki, and Muros. 2,848,806.
- Lewin, Gerhard, to Westinghouse Electric Corp. Igniter for sponge cathodes. 2,821,511. 1-28-58, Cl. 252—516.
- Lewin, Gunnar E. W., to Aktiebolaget Atvidabergs Butiksingredningar. Fittings for coupled windows. 2,863,690. 12-9-58, Cl. 292—302.
- Lewin, Leonard, T. H. Walker, and A. E. Pethick, to International Standard Electric Corp. Diversity reception arrangements for radio waves. 2,854,568. 9-30-58, Cl. 250—20.
- Lewin, Leonard, and J. B. Setchfield, to International Standard Electric Corp. Electric wave filters employing waveguides. 2,858,513. 10-28-58, Cl. 333—73.
- Lewing, Albert W., to Tampax, Inc. Compressed fiber absorption device and method of making. 2,845,070. 7-29-58, Cl. 128—285.
- Lewing, Albert W., to Tampax, Inc. Tampons and the like. 2,849,000. 8-26-58, Cl. 128—285.
- Lewis Allen H., to California Research Corp. Preparation of acetalenols. 2,833,825. 5-6-58, Cl. 260—592.
- Lewis, Amos L., to United States of America, Navy. Seadrome light support. 2,837,753. 6-10-58, Cl. 9—8.3.
- Lewis, Arthur P., and D. C. MacDonald, to United States Rubber Co. Evener. 2,843,882. 7-22-58, Cl. 19—70.
- Lewis, Austin B.: *See*—
Lewis, Fred A. and A. B. 2,831,563.
- Lewis, Benjamin G. Electronic control circuit. 2,837,701. 6-3-58, Cl. 317—142.
- Lewis, Brian, to The General Electric Co. Ltd. Ceramic dielectric compositions. 2,864,713. 12-16-58, Cl. 106—39.
- Lewis, Chalmers H., Jr.: *See*—
Meadows, Stanley R., Lewis, and Pearson. 2,824,957.
- Lewis, Chalmers H., Jr., to Sarkes Tarzian, Inc. Television tuner input circuit. 2,843,683. 7-15-58, Cl. 179—171.
- Lewis, Charles M. Finger exerciser. 2,823,918. 2-18-58, Cl. 272—57.
- Lewis, Charles T. Portable building structure. 2,827,988. 3-25-58, Cl. 189—2.
- Lewis, Charles T. Portable collapsible tank. 2,855,966. 10-14-58, Cl. 150—5.
- Lewis, Charles W., to Westinghouse Electric Corp. Liquid dielectrics and apparatus embodying the same. 2,840,627. 6-24-58, Cl. 174—17.
- Lewis, Daniel W.: *See*—
Rogers, Dow A., Jr., and Lewis. 2,849,527.
- Lewis, Daniel W., to Westinghouse Electric Corp. Organosilicon monomers and thermoset resins prepared therefrom. 2,828,279. 3-25-58, Cl. 260—46.5.
- Lewis, Donald A.: *See*—
Robinson, James M., Greshel, and Lewis. 2,850,583.
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- Light, Rupert E., Jr.: *See*—
Greenspan, Frank P., and Light. 2,829,130.
Greenspan, Frank P., and Light. 2,829,135.
Greenspan, Frank P., and Light. 2,833,747.
Greenspan, Frank P., and Light. 2,851,441.
- Lighter, Stephen. Floating solar still. 2,820,744, 1-21-58, Cl. 202-234.
- Lighter, Stephen. Container. 2,842,261, 7-8-58, Cl. 206-45.31.
- Lightfoot, Charles E.: *See*—
Cohen, Leonard P. 2,861,781.
- Lightfoot, Richard O.: *See*—
Ulanovsky, Jack M., and Lightfoot. 2,839,333.
- Lighthipe, Charles H.: *See*—
Leupold, Henry F., and Lighthipe. 2,824,832.
Shott, John H. III, Lighthipe, and Ward. 2,849,405.
- Lightning Fasteners Ltd.: *See*—
Sutton, Francis P., and Buckenham. 2,835,951.

- Lightning & Transients Research Institute, Inc.:** *See—*
 Newman, Morris M. 2,822,466.
- Lighty, Alfred A.:** *See—*
 Austin, Bascum O., and Lighty. 2,821,667.
- Lighty, Paul E., J. J. Albanese, and J. H. Gesell, to International Telephone and Telegraph Corp.** Crystal rectifier and manufacture thereof. 2,863,106, 12-2-58, Cl. 317-236.
- Lignes Telegraphiques & Telephoniques:** *See—*
 Pretceille, Maurice A. 2,837,604.
 Ribeyre, Claude F. A. 2,838,613.
- Lignian, Jean A., to General Motors Corp.** Brake shoe. 2,840,196, 6-24-58, Cl. 188-261.
- Lignosol Chemicals Ltd.:** *See—*
 Byrd, Gerald J. 2,858,271.
- Liguori, Alfred T.** Indicia bearing writing implement. 2,821,036, 1-28-58, Cl. 40-19.
- Lihn, Manuel M., to Clementon Hosiery Mill.** Method of making hosiery. 2,847,840, 8-19-58, Cl. 66-89.
- Lihota, Joseph J., to Westinghouse Air Brake Co.** Brake cylinder pressure retaining and maintaining apparatus. 2,861,844, 11-25-58, Cl. 303-75.
- Likens, James R.** Load transferring apparatus. 2,849,129, 8-26-58, Cl. 214-38.
- Liley, Otis M.** Multiple orifice metering mechanism for anhydrous ammonia. 2,821,210, 1-28-58, Cl. 137-599.
- Lilie, Walter.** Convertible straight and flared skirt. 2,838,760, 6-17-58, Cl. 2-211.
- Lilienthal, Julius E., to S. D. Warren, and R. F. Burkard.** Electrolyte and novel capacitor utilizing the same. 2,826,724, 3-11-58, Cl. 317-230.
- Lilienstein, Manfred, to International Telephone and Telegraph Corp.** Function generator. 2,842,733, 7-8-58, Cl. 323-66.
- Lilienstein, Manfred, and A. W. Murphy, to International Telephone and Telegraph Corp.** Regulated power supply system using transistors. 2,832,034, 4-22-58, Cl. 323-22.
- Lilienthal, Clarence R., and C. D. Simpson.** Hand-guided transporter with powered tandem wheels. 2,855,061, 10-7-58, Cl. 180-19.
- Lilja, Oscar G., to Commercial Wire Products Co.** Walker. 2,862,544, 12-2-58, Cl. 155-22.
- Liljeblad, Ragnar, to Allmanna Svenska Elektriska Aktiebolaget.** Means for removing and sealing the bottom of a vessel adapted for high pressure. 2,850,201, 9-2-58, Cl. 220-55.
- Liljegren, Carl:** *See—*
 Polki, Samuel. 2,854,778.
- Liljenberg, Harry A., to Modern Tool & Die Co.** Seed and fertilizer spreader. 2,839,223, 6-17-58, Cl. 222-177.
- Liljenberg, Harry A., to Modern Tool & Die Co.** Seed and fertilizer spreader. 2,840,271, 6-24-58, Cl. 222-41.
- Liljenberg, Harry A., to Modern Tool & Die Co.** Seed and fertilizer spreader. 2,840,275, 6-24-58, Cl. 222-177.
- Liljengren, Curtis P., to Flight Equipment and Engineering Corp.** Aircraft type seat construction. 2,832,398, 4-29-58, Cl. 155-53.
- Liljengren, Curtis P., deceased; S. S. Liljengren, sole Legatee.** Seat construction. 2,833,339, 5-6-58, Cl. 155-179.
- Liljengren, Shirley S.:** *See—*
 Liljengren, Curtis P. 2,833,339.
- Liljestrand, Stanley E., to U. S. Industries, Inc.** Automatic shut-off valve. 2,834,371, 5-13-58, Cl. 137-458.
- Lill, John F., and R. J. Eminger, to Fort Wayne Tool, Die & Engineering Co.** Winding apparatus for distributed wound stators. 2,847,170, 8-12-58, Cl. 242-1.1.
- Lilla Edets Pappersbruks A.-B.:** *See—*
 Grette, Karl E. L. 2,845,231.
- Lillard, William W.** Contracting screw thread locking means. 2,855,013, 10-7-58, Cl. 151-3.
- Lillehaugen, Leon O.** Bucket elevator control systems. 2,853,181, 9-23-58, Cl. 198-232.
- Lillehei, Clarence W.:** *See—*
 De Wall, Richard A., and Lillehei. 2,854,002.
- Lillie, Gordon E., to Bryant Chucking Grinder Co.** Grinding machine. 2,834,160, 5-13-58, Cl. 51-165.
- Lillienberg, August W.:** *See—*
 Duffy, John R., and Lillienberg. 2,849,220.
- Lillienberg, August W., to Lindberg Engineering Co.** Electrical heating assembly. 2,820,076, 1-14-58, Cl. 13-25.
- Lillienberg, August W., and G. V. Harris, to Lindberg Engineering Co.** Induction heating furnace and method of heating. 2,843,712, 7-15-58, Cl. 219-10.41.
- Lillievist, Ellen S.:** *See—*
 Mickelson, Cedric G., and Lillievist. 2,861,908.
- Lillievist, Gustaf A.:** *See—*
 Mickelson, Cedric G., and Lillievist. 2,861,908.
- Lillquist, Torsten O., to General Motors Corp.** Fluid pressure motor. 2,831,464, 4-22-58, Cl. 121-38.
- Lillquist, Torsten O., to General Motors Corp.** Wheel slide control for dynamic braking. 2,818,262, 8-19-58, Cl. 291-2.
- Lilly, Edith C.** Educational apparatus. 2,842,870, 7-15-58, Cl. 35-31.
- Lilly, Eli, and Co.:** *See—*
 Behrens Otto K., and Ensminger. 2,837,460.
 Bottonff, Edmond M. 2,826,590.
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 Conite, James W., and Zuck. 2,835,627.
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 Fornfeld, Eugene J., and Kornfeld. 2,864,822.
- Lilly, Eli, and Co.:** *See—Continued*
 Jones, Reuben G. 2,864,852.
 Kornfeld, Edmund C., and Kline. 2,861,074.
 Pohland, Albert. 2,837,526.
 Pohland, Albert. 2,850,498.
 Shepler, John T. 2,852,429.
 Soper, Quentin F. 2,859,217.
 Stephens, Verlin C. 2,857,312.
 Whitehead, Calvert W., and Traverso. 2,845,425.
- Lilly, Wynne R.:** *See—*
 Klessig, Ernst F., and Lilly. 2,822,124.
- Lily-Tulip Cup Corp.:** *See—*
 Glunz, William H. 2,819,669.
 Porter, Harold, Jr., and Glunz. 2,819,671.
- Lim, Joseph.** Seat attached automobile bed. 2,853,718, 9-30-58, Cl. 5-94.
- Lima, Alfred, Jr., to L. R. Honekman.** Electric lamp. 2,866,083, 12-23-58, Cl. 240-10.67.
- Limata, Joseph.** Telephone holder. 2,845,496, 7-29-58, Cl. 179-149.
- Limbach, David R.** Patient lift and transport device. 2,831,201, 4-22-58, Cl. 5-82.
- Limbach, David R.** X-ray identification. 2,837,658, 6-3-58, Cl. 250-67.
- Limbach, John J.** Jalousie louver support clip. 2,819,862, 1-14-58, Cl. 248-226.
- Limberg, Alfons A., to General Motors Corp.** Inertia latch for vehicle seats. 2,864,432, 12-16-58, Cl. 155-161.
- Limberger, Walter, to Lumoprint Zindler K. G.** Apparatus for transmitting the movement of a point to a distance. 2,851,643, 9-9-58, Cl. 318-19.
- Limburg, Lillian E.** Bobby pin holder and opener. 2,843,136, 7-15-58, Cl. 132-1.
- Limerick, Jack M.** Method of eliminating odors in kraft pulp mill operation. 2,830,869, 4-15-58, Cl. 21-55.
- Limerick, Jack M.** Method of controlling odors in soda and neutral sulphite pulp mills. 2,830,870, 4-15-58, Cl. 21-55.
- Limpel, Eugene J., to A. O. Smith Corp.** Induction heating apparatus for fusing vitreous enamel. 2,848,566, 8-19-58, Cl. 219-10.49.
- Limpel, Eugene J., to A. O. Smith, Corp.** Method and apparatus for pressure welding. 2,852,649, 9-16-58, Cl. 219-8.5.
- Limpel, Eugene J., to A. O. Smith Corp.** Induction motors. 2,857,539, 10-21-58, Cl. 310-211.
- Limpert Bros., Inc.:** *See—*
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- Lin, Hung C., to Radio Corp. of America.** Transistor amplifier circuit. 2,822,430, 2-4-58, Cl. 179-100.0.
- Lin, Hung C., to Radio Corp. of America.** Semiconductor devices and stabilization thereof. 2,847,583, 8-12-58, Cl. 307-88.5.
- Lin, Hung C., to Radio Corp. of America.** Semi-conductor oscillation generators. 2,855,568, 10-7-58, Cl. 332-37.
- Lin, Hung C., to Radio Corp. of America.** Oscillator using point contact and junction transistors for improved frequency stability. 2,856,520, 10-14-58, Cl. 250-20.
- Lin, Hung C., to Radio Corp. of America.** Transistor amplifier circuit. 2,857,462, 10-21-58, Cl. 179-1.2.
- Lin, Hung C., to Radio Corp. of America.** Frequency modulated transistor oscillator. 2,857,573, 10-21-58, Cl. 332-18.
- Lin, Wei Cheng:** *See—*
 Benoit, Robert L., Lin, and Mackiw. 2,822,262.
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- Lincoln, Clovis W., J. J. Verbrugge, and P. B. Zeigler, to General Motors Corporation.** Priority valve. 2,818,711, 1-7-58, Cl. 60-97.
- Lincoln, Clovis W., and P. B. Zeigler, to General Motors Corp.** Transmission control. 2,826,929, 3-18-58, Cl. 74-473.
- Lincoln, Clovis W., H. S. Smith, and P. B. Zeigler, to General Motors Corp.** Power steering gear. 2,827,123, 3-18-58, Cl. 180-79.2.
- Lincoln, Clovis W., P. B. Zeigler, and W. B. Thompson, to General Motors Corp.** Fluid power steering. 2,828,829, 4-1-58, Cl. 180-79.2.
- Lincoln, Clovis W., H. D. Spiekerman, and P. B. Zeigler, to General Motors Corp.** Transmission control external tube. 2,844,970, 7-29-58, Cl. 74-484.
- Lincoln, Clovis W., W. H. Watling, and W. B. Thompson, to General Motors Corp.** Means for reducing relief valve squeal in a hydraulic power steering gear. 2,858,805, 11-4-58, Cl. 121-46.5.
- Lincoln, Dwight C., to Hercules Powder Co.** Stabilized cellulose ether composition. 2,849,325, 8-26-58, Cl. 106-189.
- Lincoln Electric Co. The:** *See—*
 Kumagai, Joey Y. 2,866,887.
 Shutt, Robert C. 2,824,817.
- Lincoln, Frank H.:** *See—*
 Schneider, William P., Lincoln, and Hogg. 2,865,935.
- Lincoln, Frank H., W. P. Schneider, O. K. Sebek, and G. B. Spero, to The Upjohn Co.** 6 methyl 16 oxy Δ^4 pregnenes and $\Delta^{1,4}$ pregnadienes. 2,864,836, 12-16-58, Cl. 260-397.45.
- Lincoln, Frank H., W. P. Schneider, O. K. Sebek, and G. B. Spero, to The Upjohn Co.** 6 methyl 16 oxy Δ^4 pregnenes and $\Delta^{1,4}$ pregnadienes. 2,864,838, 12-16-58, Cl. 260-397.45.
- Lincoln, Frank H., Jr.:** *See—*
 Hogg, John A., Beal, Nathan, and Lincoln. 2,862,010.
 Hogg, John A., Beal, Nathan, and Lincoln. 2,862,011.
- Lincoln, Frank H., Jr., and J. A. Hogg, to The Upjohn Co.** Steroids. 2,832,774, 4-29-58, Cl. 260-239.55.

- Lincoln, Frank H., Jr., and W. P. Schneider, to The Upjohn Co. 21-fluoro-steroids and method of making same. 2,862,936, 12-2-58, Cl. 260—397.45.
- Lincoln, Harold A. Replaceable splash guard for trucks. 2,826,428, 3-11-58, Cl. 280—154.5.
- Lincoln, John W. Lighting fixture having load supporting conductors. 2,828,409, 3-25-58, Cl. 240—78.
- Lincoln Metal Products Corp.: See—
- Saphier, Michael C. 2,858,086.
- Lincoln, Robert M.: See—
- Coates, Joseph F., and Lincoln. 2,840,594.
- Lincoln, Roland L., to Western Precipitation Corp. Apparatus for equalizing pressures in multiple cyclone dust collectors. 2,866,518, 12-30-58, Cl. 183—33.
- Lincoln, Willis B., Jr.: See—
- Johnston, Herbert N., Brand, and Lincoln. 2,840,138.
- Lind, Arthur C., G. W. Quast, and T. J. Koeske, to Chaim Belt Co. Extensible header for clarification tanks. 2,863,564, 12-9-58, Cl. 210—529.
- Lind, Fritz O. Bottle opener with offset skirt engaging lip. 2,854,873, 10-7-58, Cl. 81—3.3.
- Lindahl, Carl, to Elastic Stop Nut Corp. of America. Time delay apparatus. 2,855,481, 10-7-58, Cl. 200—97.
- Lindahl, Earl F., and V. P. Slatt. Connector for electrical conductors. 2,858,516, 10-28-58, Cl. 339—61.
- Lindahl, Harry A., and K. G. Strandberg. Grain cleaning and separating apparatus. 2,858,019, 10-28-58, Cl. 209—95.
- Lindahl, Henning W., to AB Lindahls Mekaniska. Can openers. 2,843,931, 7-22-58, Cl. 30—9.
- Lindars, Herman. Automatic weighing apparatus. 2,823,005, 2-11-58, Cl. 249—20.
- Lindaw, Arthur C.: See—
- Petropoulos, John C., Sullivan, and Lindaw. 2,819,249.
- Lindberg, Albert W., Jr. Brush holder. 2,838,346, 6-10-58, Cl. 306—1.
- Lindberg Engineering Co.: See—
- Duffy, John R., and Lillienberg. 2,849,220.
- Edstrand, Elmer. 2,846,740.
- Lillienberg, August W. 2,820,076.
- Lillienberg, August W., and Harris. 2,843,712.
- Lindberg, George I.: See—
- Anderson, Donald E., and Lindberg. 2,856,895.
- Lindberg, John E., Jr. Icing detection device. 2,820,196, 1-14-58, Cl. 324—61.
- Lindberg, Victor L., and M. J. Irland, to Ford Motor Co. Apparatus for controlling thickness of deposited layers in producing interference filters. 2,845,838, 8-5-58, Cl. 88—14.
- Lindblad, Frederick W. Grinding wheel. 2,826,878, 3-18-58, Cl. 51—206.5.
- Lindblad, Robert H.: See—
- Flemmert, Gösta L., Lindblad, and Lindhe. 2,848,362.
- Lindblad, Sture V. to Stensholms Fabriks Aktiebolag. Electric energy regulators. 2,819,411, 1-7-58, Cl. 307—35.
- Lindblom, Albert E.: See—
- Kleinmann, Erwin S., Keller, Moore, Horn, and Lindblom. 2,838,991.
- Lindblom, Erik D., to Svenska Turbinfabriks Aktiebolaget Ljungstrom. Blade rings for radial flow elastic fluid machines. 2,852,227, 9-16-58, Cl. 253—77.
- Linde, Emil, Jr. Assembly apparatus with all link part feeder stations feeding said parts perpendicular to the assembly surface. 2,831,316, 4-22-58, Cl. 59—7.
- Linde, Hilding. Refuse collecting vehicle. 2,849,134, 8-26-58, Cl. 214—302.
- Linde, Richard, to Gesellschaft für Linde's Eismaschinen Aktiengesellschaft. Process for separating a compressed gas mixture. 2,825,212, 3-4-58, Cl. 62—175.5.
- Linde, Richard, to Gesellschaft für Linde's Eismaschinen Aktiengesellschaft. Process for separating a compressed gas mixture. 2,827,775, 3-25-58, Cl. 62—175.5.
- Lindeboom, Johannes, to Shell Development Co. Process for treating polymer coagulants. 2,831,840, 4-22-58, Cl. 260—87.7.
- Lindell, Carl H.: See—
- Appleton, Arthur I., Tornblom, and Lindell. 2,847,497.
- Lindell, John F., and R. L. Kennedy, to Koehring Co. Wheel type trenching machine. 2,841,895, 7-8-58, Cl. 37—97.
- Lindelof, Leonard A., and C. W. Dreyer. Skis for wheeled aircraft and other wheeled vehicles. 2,864,624, 12-16-58, Cl. 280—11.
- Lindeman, Harold D.: See—
- Bergstrom, Ralph W., and Lindeman. 2,840,849.
- Lindeman, Jesse G., to Deere & Co. Conduit and reel structure for remote control power system. 2,856,016, 10-14-58, Cl. 180—14.5.
- Lindeman, Jesse G., and F. A. Horey, to Deere & Co. Land leveler. 2,843,948, 7-22-58, Cl. 37—178.
- Lindeman, Joseph F., and W. G. Dobbs, to Northwest Equipment Co., Inc. Machine for positioning articles in trays. 2,847,809, 8-19-58, Cl. 53—160.
- Lindeman, Joseph F., and W. G. Dobbs, to Northwest Equipment Co., Inc. Machine for grading articles by size. 2,860,779, 11-18-58, Cl. 209—84.
- Lindemann, Henri J. M. E. E., to Societe Anonyme Dite "Les Filés de Calais." Apparatus for production of artificial filaments of randomly varying denier. 2,836,850, 6-3-58, Cl. 18—8.
- Lindemann, Herbert, to Lonza Electric and Chemical Works Ltd. Process for making closed cell cellular bodies. 2,829,117, 4-1-58, Cl. 260—2.5.
- Lindemann, Howard C.: See—
- Mindheim, Daniel, and Lindemann. 2,834,206.
- Linden, Heinz: See—
- Gündel, Wolfgang, and Linden. 2,852,548.
- Gündel, Wolfgang, and Linden. 2,862,956.
- Pettyjohn, Elmore S., and Linden. 2,860,959.
- Lindenauer, Julian, and S. J. Coltune. Swimming stroke development indicator. 2,825,224, 3-4-58, Cl. 73—141.
- Lindenberg, Theodore, to Pickering Associates, Inc. Latch solenoid. 2,853,658, 9-23-58, Cl. 317—187.
- Lindenblad, Nils E., to Radio Corp. of America. Thermo-electric refrigerator. 2,837,899, 6-10-58, Cl. 62—1.
- Lindenblad, Nils E., to Radio Corp. of America. Adsorption pumping. 2,841,323, 7-1-58, Cl. 230—69.
- Lindenblad, Nils E., to United States of America, Navy. Dual slot wideband antenna. 2,841,790, 7-1-58, Cl. 343—767.
- Lindenblad, Nils E., to Radio Corp. of America. Heat pump. 2,844,638, 7-22-58, Cl. 136—4.
- Lindenblad, Nils E., to Radio Corp. of America. N-type thermoelectric devices. 2,846,493, 8-5-58, Cl. 136—5.
- Lindenblad, Nils E., to Radio Corp. of America. Thermo-electric devices. 2,846,494, 8-5-58, Cl. 136—5.
- Lindenblad, Nils E., to Radio Corp. of America. Switching devices. 2,853,693, 9-23-58, Cl. 340—147.
- Lindenfelser, Lloyd A., R. G. Benedict, O. L. Shotwell, T. G. Pridham, F. H. Stodola, and R. W. Jackson, to United States of America, Agriculture. Production of antibiotic mixture having antibacterial and antifungal activity. 2,865,815, 12-23-58, Cl. 195—80.
- Lindenfelser, Richard, and M. K. Layman (nee Kilthau), to American Cyanamid Co. Molding compositions of benzoguanamine-formaldehyde reaction product and butadiene-acrylonitrile copolymer rubber. 2,819,246, 1-7-58, Cl. 260—45.2.
- Linder, Ernest G., to United States of America, Air Force. Radioactive voltage source employing a gaseous dielectric medium. 2,837,666, 6-3-58, Cl. 310—3.
- Linder, Ernest G., to Radio Corp. of America. Electron beam tube. 2,840,754, 6-24-58, Cl. 315—5.34.
- Linder, Jerome: See—
- Newcomer, Jack S., Smith, and Linder. 2,860,166.
- Linder, Paul A. Conveyor for animal feed troughs. 2,827,156, 3-18-58, Cl. 198—213.
- Linder, Rudolf, and K. Rilling, to Robert Bosch G. m. b. H. Apparatus for automatically adjusting vehicle lamps. 2,846,551, 8-5-58, Cl. 201—48.
- Linder, Seymour M., and F. P. Greenspan, to Food Machinery and Chemical Corp. Method of preparing carvone. 2,837,570, 6-3-58, Cl. 260—587.
- Linderman Engineering Co., Inc.: See—
- Linderman, Garrett B. 2,820,908.
- Linderman, Garrett B. 2,864,996.
- Linderman, Garrett B., to Linderman Engineering Co., Inc. Light shield. 2,820,908, 1-21-58, Cl. 250—229.
- Linderman, Garrett B., to Linderman Engineering Co., Inc. Detecting apparatus. 2,864,996, 12-16-58, Cl. 324—20.
- Linderoth, Erik T. Regenerative heat exchanger for gas turbines. 2,836,398, 5-27-58, Cl. 257—1.
- Linderoth, Rodney V. Lamp shades. 2,819,386, 1-7-58, Cl. 240—108.
- Lindert, Albert W., to Standard Oil Co. Method of sulfochlorinating dialkyl polysulfide-olefin mixtures. 2,853,480, 9-23-58, Cl. 260—139.
- Lindesmith, John L., to Clary Corp. Voltage to digital measuring circuit. 2,835,868, 5-20-58, Cl. 324—111.
- Lindgren, Erik A. Clamp. 2,842,814, 7-15-58, Cl. 20—92.
- Lindgren, Erik A. Door for screen room. 2,853,541, 9-23-58, Cl. 174—35.
- Lindgren, Erik A. Screen rooms. 2,860,176, 11-11-58, Cl. 174—35.
- Lindgren, Erik G., to Telefonaktiebolaget L M Ericsson. Signalling system for automatic fire alarm installation. 2,847,662, 8-12-58, Cl. 340—227.
- Lindh, John C. Pipe cutting and beveling mechanism. 2,855,728, 10-14-58, Cl. 51—3.
- Lindhagen, Teodor I.: See—
- Niisson, Hans R., and Lindhagen. 2,845,777.
- Lindhe, John H. O.: See—
- Flemmert, Gösta L., Lindblad, and Lindhe. 2,848,362.
- Lindholm, Thore D.: See—
- Hansson, Bror, Zetterstedt, and Lindholm. 2,851,557.
- Lindlar, Herbert: See—
- Isler, Otto, Lindlar, Montavon, Rüegg, and Zeller. 2,849,495.
- Isler, Otto, Lindlar, Montavon, Rüegg, and Zeller. 2,849,507.
- Isler, Otto, Lindlar, and Rüegg. 2,849,506.
- Lindlar, Herbert, to Hoffmann-La Roche Inc. Process for the production of 1-acetoxy-2-methyl-3-phenyl-4-hydroxy naphthalenes. 2,839,570, 6-17-58, Cl. 260—476.
- Lindley, Ancil L.: See—
- Lindley, John E. and A. L. 2,841,140.
- Lindley, Ancil L. and J. E. Resuscitator. 2,863,447, 12-9-58, Cl. 128—30.
- Lindley, John E.: See—
- Lindley, Ancil L. and J. E. 2,863,447.
- Lindley, John E. and A. L. Adjustable collar for resuscitators and respirators. 2,841,140, 7-1-57, Cl. 128—30.
- Lindly & Co.: See—
- Mindheim, Daniel, and Lindemann. 2,834,206.

- Lindly, James F. Insertor for tubular rivets. 2,828,881, 4-1-58, Cl. 218—19.
- Lindman, Philip C., to Dallas Iron and Wire Works, Inc. Ornamental ironwork. 2,857,027, 10-21-58, Cl. 189—39.
- Lindmark, Howard C. Reversible ratchet mechanism. 2,849,089, 8-26-58, Cl. 188—82.2.
- Lindner, Adam C., to Chicago Forging and Mfg. Co. Hood latch. 2,864,635, 12-16-58, Cl. 292—12.
- Lindner, Ernst: *See—*
- Ehrhart, Gustav, Ott, and Lindner. 2,851,494.
- Stein, Leonhard, and Lindner. 2,827,460.
- Lindner, Hellmuth: *See—*
- Lindner, Hugo and Hellmuth. 2,842,947.
- Lindner, Herbert E.: *See—*
- Hartwell, George W., and Lindner. 2,831,625.
- Lindner, Herbert, G. m. b. H.: *See—*
- Hoffmann, Erich. 2,825,265.
- Hoffmann, Erich. 2,852,976.
- Schultze, Kurt H. 2,827,699.
- Lindner, Hugo and Hellmuth, to VEB Vereinigte Strumpfwerke Esda. Knitted fabrics and process for knitting same. 2,842,947, 7-15-58, Cl. 66—202.
- Lindner, Lars A. M., and S. Y. Ek. Detonators for ammunition. 2,857,846, 10-28-58, Cl. 102—70.
- Lindow, Arthur L., and I. R. Sutherland, to The Cleveland Pneumatic Tool Co. Method of welding. 2,819,381, 1-7-58, Cl. 219—104.
- Lindow, Carl W., 25% to I. M. Jones. Sugar coated food products and method of making the same. 2,824,009, 2-18-58, Cl. 99—166.
- Lindquist, Kenneth L. to Norton Co. Lapping machine. 2,825,187, 3-4-58, Cl. 51—131.
- Lindqvist, Ellen: *See—*
- Berg, Knut, Ahlin, and Lindqvist. 2,846,197.
- Lindqvist, Harry: *See—*
- Berg, Knut, Ahlin, and Lindqvist. 2,846,197.
- Lindridge, Charles D., ¼ to L. C. Krazinski. Apparatus for improving sounds of music and speech. 2,866,849, 12-30-58, Cl. 179—1.
- Lindsay, Alexander R., to The Budd Co. Self-supporting bodies for automobiles. 2,827,327, 3-18-58, Cl. 296—28.
- Lindsay Co., The: *See—*
- Kryzer, Benjamin H. 2,855,042.
- Lindsay, Donald E., to Murlin Mfg. Co. Lighting fixture equipment. 2,826,678, 3-11-58, Cl. 240—3.
- Lindsay, Harvey B. Base detonating fuze. 2,837,999, 6-10-58, Cl. 102—75.
- Lindsay James B., to Kahle Engineering Co. Lead wire detector. 2,838,682, 6-10-58, Cl. 250—220.
- Lindsay, James E., to Radio Corp. of America. Stabilized transistor amplifier. 2,860,193, 11-11-58, Cl. 179—171.
- Lindsay, Maurice E. Cotton picking spindle. 2,823,509, 2-18-58, Cl. 56—50.
- Lindsay, Onos M., and W. G. James, to Eastman Oil Well Survey Co. Deflecting tools. 2,819,039, 1-7-58, Cl. 255—1.6.
- Lindsay Ripe Olive Co.: *See—*
- Kagley, William H., and Milam. 2,821,223—2,821,227.
- Kagley, William H., and Milam. 2,826,291.
- Lindsay, Robert W.: *See—*
- Wayant, Fred A., and Lindsay. 2,855,683.
- Lindsay, Wesley N., to Food Machinery and Chemical Corp. Apparatus for heating fluids. 2,835,483, 5-20-58, Cl. 263—41.
- Lindsay, Wesley N., to Food Machinery and Chemical Corp. Method of contacting granular solids with gaseous fluids. 2,846,775, 8-12-58, Cl. 34—10.
- Lindsey, Lonnie J. Fishing pole carrier for automobiles. 2,832,520, 4-29-58, Cl. 224—42.31.
- Lindsey, Robert J., to American Steel Foundries. Hydraulic circuit for two phase return stroke ram. 2,832,196, 4-29-58, Cl. 60—52.
- Lindsey, Robert J., to American Steel Foundries. Movement coordinating device. 2,851,860, 9-16-58, Cl. 60—97.
- Lindsey, Robert J., to American Steel Foundries. Accumulator system with centrifugal pump. 2,860,485, 11-18-58, Cl. 60—51.
- Lindsey, Robert J., to American Steel Foundries. Differential piston pump. 2,861,520, 11-25-58, Cl. 103—153.
- Lindsley, Lawrence W. All-purpose fire hose nozzle. 2,842,154, 7-8-58, Cl. 137—270.
- Lindstein, Arthur L. E.: *See—*
- Edling, Sven G., Malmquist, and Lindstein. 2,864,171.
- Lindstrom, Eddie G.: *See—*
- Barusch, Maurice R., and Lindstrom. 2,834,796.
- Barusch, Maurice R., and Lindstrom. 2,839,373.
- Sigworth, Harrison W., Lindstrom and Barusch. 2,839,371.
- Lindstrom, Eddie G., and M. R. Barusch, to California Research Corp. Gasoline composition. 2,839,372, 6-17-58, Cl. 44—66.
- Lindstrom, Eddie G., and M. R. Barusch, to California Research Corp. Nickel cyclopentadienides and process for preparing same. 2,862,945, 12-2-58, Cl. 260—439.
- Lindstrom, Elmer V. Traction device. 2,821,978, 2-4-58, Cl. 128—84.
- Lindström, Helge E.: *See—*
- Blomberg, Knut H., Lindström, and Thames. 2,822,432.
- Lindström, Karl G. H., to Svenska Akkumulator Aktiebolaget Jungner. Hermetically closed storage cell. 2,857,447, 10-21-58, Cl. 136—34.
- Lindstrom, Oscar E., to International Harvester Co. Telemeter type hydraulic power transmitting system. 2,830,561, 4-15-58, Cl. 121—40.
- Lindstrom, Ture: *See—*
- Gilssinger, George G., Sandin, and Lindstrom. 2,824,925.
- Lindstrom, Ture, and A. S. Nagy, to United States of America, Navy. Safety circuits for electro-mechanical braking. 2,837,664, 6-3-58, Cl. 307—116.
- Line Electric Co., Inc.: *See—*
- Neidenberg, Lawrence L., and Tamburr. 2,866,964.
- Line, Gerald D., to Eaton Mfg. Co. Hydraulic tappet. 2,821,970, 2-4-58, Cl. 123—90.
- Line, Gerald D., to Eaton Mfg. Co. Tappet mechanism. 2,858,817, 11-4-58, Cl. 123—90.
- Linemaster Switch Corp., The: *See—*
- Ginn, Delwin C. 2,866,024.
- Simonds, Albert L., and Ginn. 2,828,379.
- Ling, Edward W.-C. High voltage supply device. 2,825,828, 3-4-58, Cl. 310—68.
- Ling Electronics, Inc.: *See—*
- Ross, James A. 2,844,777.
- Lingal, Harry J., to Westinghouse Electric Corp. Flux phase shifter and high speed closing with contact construction. 2,828,380, 3-25-58, Cl. 200—87.
- Lingal, Harry J., B. G. Tremblay, and R. Hauser, to Westinghouse Electric Corp. Circuit interrupter. 2,836,684, 5-27-58, Cl. 200—146.
- Lingenfelter, Daniel J., to Polyfab Co. Shipping swing suspension for fragile articles. 2,837,208, 6-3-58, Cl. 206—46.
- Lingl, Hans. Automatic press for the pressing of large-sized stones from granular material. 2,836,873, 6-3-58, Cl. 25—45.
- Lingle, Harrison C., to Signode Steel Strapping Co. Pneumatic joint forming tool. 2,831,381, 4-22-58, Cl. 81—9.1.
- Lingley, Robert C., to American Cyanamid Co. Biopsy device. 2,850,007, 9-2-58, Cl. 128—2.
- Linhart, Theo F., Jr., W. Y. Fish, and R. L. Hixson, to Arnoux Corp. Thermocouple reference junction. 2,851,574, 9-9-58, Cl. 219—20.
- Link Aviation, Inc.: *See—*
- Chapple, Kenneth H. 2,861,157.
- Hayes, Monson H., and West. 2,833,476.
- Hemstreet, Harold S. 2,839,840.
- Hunt, John M. 2,824,285.
- Hunt, John M. 2,840,309.
- Stephens, Richard G. 2,835,445.
- Link-Belt Co.: *See—*
- Birdsall, Robert N. 2,858,177.
- Davidson, David E., Parshall, and Thal. 2,864,657.
- Davis, Herbert W. 2,836,901.
- Erickson, Willard E., and Musschoot. 2,850,185.
- Erismann, Maurice J., Francis, and Teichman. 2,840,922.
- Francis, Norman L. 2,841,883.
- Francis, Paul M. 2,839,009.
- Harvengt, Edmond. 2,822,924.
- Heacock, Ward J. 2,850,145.
- Heacock, Ward J. 2,854,752.
- Hey, Charles F., and Richards. 2,835,138.
- Kazmier, Clarence M., and Carlson. 2,854,139.
- Ketola, Jarl A., and Petersen. 2,852,128.
- Kraft, Robert E., and Snodgrass. 2,851,148.
- Musschoot, Albert. 2,830,696.
- Musschoot, Albert. 2,850,184.
- Richard, Joseph J. 2,846,071.
- Rosenberger, Chester A., Jr. 2,854,126.
- Scanlon, Joseph J., and Schroth. 2,850,163.
- Schott, Charles D. 2,821,291.
- Smith, Frederick L. 2,839,254.
- Staples, Robert G., Jr. 2,843,692.
- Link-Belt Speeder Corp.: *See—*
- Dodgen, Carroll D. 2,832,605.
- Link, Charles T., to Elgin Sweeper Co. Street sweeper side broom assembly. 2,853,729, 9-30-58, Cl. 15—180.
- Link, Charles T., Jr., R. F. Schmidt, and J. S. Gooden, to Elgin Sweeper Co. Street sweeper dirt box assembly. 2,828,037, 3-25-58, Cl. 214—508.
- Link, Edwin A., to R. T. & E Corp. Liquid-containing electrical bushing. 2,846,495, 8-5-58, Cl. 174—31.
- Link, Peter J., and D. G. Nelson, to Kimberly-Clark Corp. Laybox. 2,853,299, 9-23-58, Cl. 271—88.
- Link, William T., to Northern Electric Co. Ltd. Coll winding mechanism. 2,863,609, 12-9-58, Cl. 242—4.
- Linke, Ernest A., to Air Associates, Inc. Electromagnetic clutch and brake. 2,840,205, 6-24-58, Cl. 192—18.
- Linke, Gerhard, H.-H. Hülßen, and F. Kleinlein. Centrifuge for separating solids from slimy masses. 2,861,691, 11-25-58, Cl. 210—370.
- Linke, Gerhard, and H.-H. Hülßen, to Siebtechnik G. m. b. H. Centrifuge. 2,863,560, 12-9-58, Cl. 210—147.
- Linke, Heinz: *See—*
- Blaser, Bruno, and Linke. 2,822,283.
- Linker Machines, Inc.: *See—*
- Demarest, Daniel D., Perkins, Karius, and Berendt. 2,839,780.
- Linkert, Howard W., to L & L Mfg. Co. Inc. Carburetor fuel level control. 2,821,207, 1-28-58, Cl. 137—426.
- Linkous, Clovis E., to General Electric Co. Alternating current motor. 2,845,549, 7-29-58, Cl. 310—68.
- Links, Heinrich K., to Daimler-Benz Aktiengesellschaft. Injection pump, particularly gasoline injection pump. 2,827,852, 3-25-58, Cl. 103—2.

- Linn, Carl B.: *See*—
Murray, Maurice J., and Linn. 2,830,958.
- Linn, Carl B., to Universal Oil Products Co. Catalyst compositions. 2,830,959, 4-15-58, Cl. 252-433.
- Linn, Carl B., to Universal Oil Products Co. Separation of C₆ aromatic hydrocarbon isomers. 2,833,836, 5-6-58, Cl. 260-674.
- Linn, Carl B., to Universal Oil Products Co. Process for averaging hydrocarbons. 2,858,349, 10-28-58, Cl. 260-672.
- Linn, Carl B., to Universal Oil Products Co. Alkylation of aromatic compounds. 2,859,251, 11-4-58, Cl. 260-624.
- Linn, Frank F., and J. B. Long. Vehicle axle and suspension therefor. 2,824,734, 2-25-58, Cl. 267-57.1.
- Linnell, Peter R.: *See*—
Linnell, Timothy E. and P. R. 2,865,278.
- Linnell, Raymond E.: *See*—
Linnell, Timothy E. and P. R. 2,865,278.
- Linnell, Thomas R.: *See*—
Linnell, Timothy E. and P. R. 2,865,278.
- Linnell, Timothy E. and P. R. $\frac{1}{2}$ to R. E. and T. R. Linnell. Smoking or other treatment of bacon and the like. 2,865,278, 12-23-58, Cl. 99-234.
- Lintotype Gesellschaft mit beschränkter Haftung: *See*—
Debus, Karl. 2,861,678.
- Debus, Karl, and Heimele. 2,847,116.
- Lins, Albert: *See*—
Honegger, Willy. 2,860,017.
- Linscott, Thomas D. Crupper. 2,836,020, 5-27-58, Cl. 54-22.
- Linsmeyer, John C., to American Radiator & Standard Sanitary Corp. Scoop and jet pump fluid regulating means for fluid couplings. 2,831,323, 4-22-58, Cl. 60-54.
- Linsker, Eugene: *See*—
Gummere, Harold O., and Linsker. 2,831,501.
- Linsley, Douglas F., to Linsley Inc. Holder for fuses and other articles. 2,821,307, 1-28-58, Cl. 211-13.
- Linsley, Douglas F., to Linsley Inc. Holder for plug type electric fuses. 2,832,475, 4-29-58, Cl. 211-26.
- Linsley Inc.: *See*—
Linsley, Douglas F. 2,821,307.
- Linsley, Douglas F. 2,832,475.
- Linstead, Reginald P.: *See*—
Arden, Thomas V., Burstall, Davies, Linstead, and Wells. 2,860,956.
- Linthicum, Frank R. Bottle carrier. 2,865,669, 12-23-58, Cl. 294-87.2.
- Lintner, Josef: *See*—
Jonke, Richard, and Lintner. 2,865,821.
- Linton, Alfred, to Burndept Ltd. Layer type dry batteries. 2,831,046, 4-15-58, Cl. 136-175.
- Linton, Merwyn B. Floating door. 2,845,664, 8-5-58, Cl. 20-19.
- Linton, William C. Fuse holder. 2,851,558, 9-9-58, Cl. 200-133.
- Lintvedt, Halvard, to Ruud Mfg. Co. Spud and like fitting welding apparatus and method. 2,863,987, 12-9-58, Cl. 219-124.
- Linvill, John G., to Bell Telephone Laboratories, Inc. Negative impedance bistable signal-operated switch. 2,820,155, 1-14-58, Cl. 307-88.5.
- Linvill, John G., and R. L. Wallace, Jr., to Bell Telephone Laboratories, Inc. Bistable transistor coincidence gate. 2,831,126, 4-15-58, Cl. 307-88.5.
- Linvill, Robert G., to General Electric Co. Organophosphorus-silicon compositions. 2,843,615, 7-15-58, Cl. 260-448.8.
- Linz, Arthur, Jr., and L. Merker, to National Lead Co. Monocervalline nickel titanate boule. 2,850,355, 9-2-58, Cl. 23-51.
- Linzell, Stanley M., and D. J. Dorcy, to United States of America, Atomic Energy Commission. Closure device. 2,849,246, 8-26-58, Cl. 286-20.
- Lion Brush K. K.: *See*—
Kanai, Masakuni. 2,834,344.
- Lion Products Co.: *See*—
Brand, Glen. 2,827,975.
- Brand, Glen. 2,827,976.
- Lion Stamping Co. Ltd.: *See*—
Richards, George W. F. 2,855,030.
- Lionel Corp., The: *See*—
Bonanno, Joseph L. 2,838,009.
- Bonanno, Joseph L. 2,855,583.
- Bonanno, Joseph L. 2,861,444.
- Digirolamo, John V. M. 2,842,638.
- Gaiamo, Charles V., and Cowen. 2,858,087.
- Vitt, George G., Jr. 2,842,774.
- Lipari, Michael, to Lee Barry Laboratories, Inc. Combination pre-sterilized syringe and container. 2,851,036, 9-9-58, Cl. 128-218.
- Lipe-Rollway Corp.: *See*—
Root, Robert S. 2,863,537.
- Spase, Charles B. 2,844,972.
- Spase, Charles B. 2,852,116.
- Spase, Charles B. 2,853,168.
- Spase, Charles B. 2,855,079.
- Spase, Charles B. 2,855,080.
- Spase, Charles B. 2,863,543.
- Spase, Charles B. 2,863,544.
- Spase, Charles B. 2,863,545.
- Lipfert, Donald E. Convertible slide viewer and projector. 2,862,319, 12-2-58, Cl. 40-79.
- Lipic, Emil J.: *See*—
Lipic, Joseph, Jr., and E. J. Lipic. 2,845,899.
- Lipic, Joseph Jr., and E. J. Lipic. Writing instrument. 2,845,899, 8-5-58, Cl. 120-42.03.
- Lipinski, Johann, to Alex. Friedmann Kommanditgesellschaft. Lubricating oil pump. 2,826,267, 3-11-58, Cl. 184-27.
- Lipinski, Johann, to Alex. Friedmann Kommanditgesellschaft. Dispenser for lubricants. 2,844,286, 7-22-58, Cl. 222-250.
- Lipka, John. Lather dispenser in a razor. 2,839,224, 6-17-58, Cl. 222-191.
- Lipkin, Daniel M.: *See*—
Eckert, John P., Jr., and Lipkin. 2,825,869.
- Lipman, Elmer. Atomizer cap. 2,837,374, 6-3-58, Cl. 209-88.
- Lippe, Robert L.: *See*—
Corbin, Milford H., Lippe, Yater, Goodwin, Drinjak, and Squire. 2,848,019.
- Lippincott, Leander H.: *See*—
Holstebro, Kaye B., and Lippincott. 2,863,268.
- Lippisch, Alexander M., to Collins Radio Co. Wingless aircraft. 2,828,929, 4-1-58, Cl. 244-23.
- Lipke, Paul. Arrangement for measuring the humidity of moving webs of material. 2,829,340, 4-1-58, Cl. 324-61.
- Lippman, Bernard. Man's shirt. 2,846,687, 8-12-58, Cl. 2-115.
- Lippman, Myron E. Multiple turn stopless potentiometer. 2,866,056, 12-23-58, Cl. 201-56.
- Lippmann, Arthur W., to Lippmann Engineering Works. Hydraulic ram and valve. 2,825,310, 3-4-58, Cl. 121-164.
- Lippmann Engineering Works: *See*—
Lippmann, Arthur W. 2,825,310.
- Lips, Eduard M. H.: *See*—
Koch, Adolf J. J., Lips, and de Vos. 2,821,759.
- Koch, Adolf J. J., Lips, and de Vos. 2,862,287.
- Lips, Theodor M. A., M. J. Spiering, and W. L. Vervest, to North American Philips Co., Inc. Automatically variable gearing device. 2,861,460, 11-25-58, Cl. 74-337.
- Lipscomb, Robert, A. Craig, S. Labrow, and J. F. Dunn, to United States of America, Atomic Energy Commission. Separation of fluid mixtures. 2,857,745, 10-28-58, Cl. 62-40.
- Lipscomb, Willis L. Reflector type lamp. 2,826,710, 3-11-58, Cl. 313-113.
- Lipscomb, Willis L. Curved, cellular light control panel. 2,837,632, 6-3-58, Cl. 240-78.
- Lipscomb, Willis L. Non-glare lighting fixture. 2,849,598, 8-26-58, Cl. 240-11.4.
- Lipsey, Jay, to Jay Co., Inc. Pattern wheel for knitting machines. 2,822,678, 2-11-58, Cl. 66-40.
- Lipshaw, Julius. Automatic successive processing apparatus. 2,853,084, 9-23-58, Cl. 134-76.
- Lipsius, Herbert. Expandable beaded decorative printing. 2,827,727, 3-25-58, Cl. 41-24.
- Lipton, Samuel H.: *See*—
Morell, Samuel A., Lipton, and Frieden. 2,844,514.
- Liquid Controls Corp.: *See*—
Billeter, Henry R. 2,859,699.
- Richards, George B. 2,821,994.
- Richards, George B. 2,835,204.
- Richards, George B. 2,835,229.
- Liquidometer Corp., The: *See*—
Anderson, Wilmer C. 2,849,881.
- Anderson, Wilmer C., and Gronner. 2,853,878.
- De Giers, Clarence A. 2,864,981.
- Di Franco, Julius V. 2,833,147.
- Gellos, Alexander T. 2,856,773.
- Lee, Paul H. 2,849,882.
- Wickesser, Arthur. 2,846,880.
- Wickesser, Arthur. 2,860,511.
- Lires, Raymond G. Vehicle suspension system. 2,822,186, 2-4-58, Cl. 280-106.5.
- Lirita Corp.: *See*—
Darnell, George, Davis, and Yarm. 2,840,039.
- Lis, Leon C., to Virginia-Carolina Chemical Corp. Process for the production of vegetable protein fibers. 2,864,663, 12-16-58, Cl. 18-54.
- Lisciani, Constantine, to The Protectoseal Co. Cap seal. 2,825,484, 3-4-58, Cl. 220-46.
- Lisher, Velma E. Frozen beverage and method for making the same. 2,863,776, 12-9-58, Cl. 99-136.
- Lishman, Jacob. Drapery support. 2,831,538, 4-22-58, Cl. 160-330.
- Lisjewski, Richard A. Cigar piercer and extractor. 2,843,135, 7-15-58, Cl. 131-255.
- Lisle Corp.: *See*—
Brooks, Thomas E. 2,823,497.
- Brooks, Thomas E. 2,834,232.
- Lisota, Edward, to Harsha, Henderson and Johnson, Inc. Trailer hitch. 2,863,673, 12-9-58, Cl. 280-406.
- Lisowski, Frank B.: *See*—
Lisowski, John A. and F. B. 2,848,405.
- Lisowski, John A. and F. B., to Natural Products Co. Apparatus for handling and conveying work. 2,848,405, 8-19-58, Cl. 204-203.
- List, Frederick A., Jr., and R. W. Egglestone, to Westinghouse Electric Corp. Single-phase electric motor. 2,836,780, 5-27-58, Cl. 318-220.
- List, Hans: *See*—
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- List, Heinz, F. Frösch, and E. Granacher, to Buss A. G. Arrangement for grinding the inside walls of cylindrical containers. 2,828,586, 4-1-58, Cl. 51-141.

- Lit, William F., to United States of America, Navy. Break-away signal generator. 2,861,215, 11-18-58, Cl. 315-24.
- Listak, Rudolph: *See*—
Mervyn, Charles R., Listak, and Kaden. 2,840,219.
- Lister, Fred: *See*—
Zellner, Carl N., and Lister. 2,841,603.
- Lister, Maurice W.: *See*—
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- Lister, William G.: *See*—
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- Liston, Marcia B.: *See*—
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- Liston, Thomas R.: *See*—
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- Litchenfeld, Ira W., and G. W. Weber, to General Electric Co. Voltage supply system. 2,826,705, 3-11-58, Cl. 307-9.
- Litherland, William T., to General Motors Corp. Door apparatus and control. 2,841,389, 7-1-58, Cl. 268-47.
- Litho Chemical and Supply Co. Inc.: *See*—
Hodgins, George R. 2,826,501.
Hodgins, George R., and Leonard. 2,865,873.
- Lithun, George. Conduit plugging device. 2,857,933, 10-28-58, Cl. 138-93.
- Litman, Arnold P.: *See*—
Neel, Robert M., and Litman. 2,835,961.
- Litochleb, Joseph: *See*—
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- Litowsky, Julius, to S & L Novelty Co. Cap. 2,858,543, 11-4-58, Cl. 2-172.
- Littelfuse Inc.: *See*—
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- Littell, F. J., Machine Co.: *See*—
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- Littell, Frederick M. 2,853,333.
- Littell, Frank T., to International Telephone and Telegraph Corp. Grid network for pulsed oscillator. 2,822,521, 2-4-58, Cl. 332-9.
- Littell, Frederick M., to F. J. Littell Machine Co. Vacuum cup. 2,853,333, 9-23-58, Cl. 294-64.
- Littell, Ruddy: *See*—
Bernstein, Seymour, and Littell. 2,846,454.
- Little, Arthur D., Inc.: *See*—
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Hervey, Laurence R. B. 2,836,185.
Hervey, Laurence R. B., and Till. 2,854,356.
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James, Raymond W. 2,855,266.
Kiely, Philip G., and Larsen. 2,853,388.
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Newton, Emerson H., and Slenczyk. 2,829,995.
Parker, Renzi B., Jr. 2,835,341.
Sauer, Charles W. 2,856,429.
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Watson, Paul C. 2,836,543.
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- Little, Clarence W., Jr., to Allis-Chalmers Mfg. Co. Device for measuring magnetostriction. 2,850,697, 9-2-58, Cl. 324-34.
- Little, Ernest L., Jr., and H. F. Mower, to E. I. du Pont de Nemours and Co. 1-amino-1-hydroxy-2,2-dicyanoethylene and its salts. 2,852,552, 9-16-58, Cl. 260-465.5.
- Little, Ernest L., Jr., and M. C. Nelson, to E. I. du Pont de Nemours and Co. Synthesis of alkylhalosilanes. 2,865,939, 12-23-58, Cl. 260-448.2.
- Little, John B.: *See*—
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- Little, John B., to International Business Machines Corp. Point contact transistor and method of making same. 2,848,665, 8-19-58, Cl. 317-235.
- Little, Lawrence L., and G. Chen, to E. F. Drew & Co., Inc. Urea-phosphoric acid cleaning composition. 2,860,106, 11-11-58, Cl. 252-136.
- Little, Leslie R., Jr.: *See*—
Davis, William L., Jr., Feinman, and Little. 2,848,316.
- Little, Robert C., to Mead Johnson & Co. Parenteral fluid dispenser. 2,827,081, 3-18-58, Cl. 141-94.
- Little, Robert J., to General Railway Signal Co. Flashing relays. 2,854,547, 9-30-58, Cl. 200-93.
- Little, Robert K. Pinch valve. 2,841,357, 7-1-58, Cl. 251-6.
- Little, Roy E.: *See*—
Baumgarten, Wilhelm A., and Little. 2,855,748.
- Little, Thomas H., to The Sharples Corp. Method of producing fruit and vegetable juices. 2,823,126, 2-11-58, Cl. 99-105.
- Little, Walter C.: *See*—
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- Littleton, Louis A. Mop having detachable head. 2,835,914, 5-27-58, Cl. 15-229.
- Littleton, Willis W., to International Resistance Co. Rheostat with fixed resistors. 2,858,397, 10-28-58, Cl. 201-55.
- Littman, Jacob H., and J. Guthart, to Airbilt Leather Goods Co., Inc. Extensible briefcases. 2,823,719, 2-18-58, Cl. 150-1.6.
- Littman, Sydney. Manufacture of garments or articles from sheet material. 2,842,772, 7-15-58, Cl. 2-243.
- Littmann, Leo. Aerated storage structure for granular materials. 2,861,511, 11-25-58, Cl. 98-55.
- Litton, Charles V., to Litton Industries, Inc. Magnetron output coupler. 2,820,924, 1-21-58, Cl. 315-39.53.
- Litton, Charles V., to Litton Industries, Inc. Magnetron amplifier. 2,822,504, 2-4-58, Cl. 315-39.
- Litton, Charles V., to Litton Industries, Inc. Magnetron. 2,846,618, 8-5-58, Cl. 315-39.71.
- Litton, Charles V., to Litton Industries, Inc. Turnable cavity resonator electron discharge device. 2,853,647, 9-23-58, Cl. 315-5.47.
- Litton, Charles V., to Litton Industries, Inc. Tuning iris for wave guides. 2,865,009, 12-16-58, Cl. 333-98.
- Litton, Felix B., to Foote Mineral Co. Slag conditioning agent. 2,855,291, 10-7-58, Cl. 75-54.
- Litton, Gail T.: *See*—
Hoefs, Edwin G., and Litton. 2,866,596.
- Litton Industries of California: *See*—
Clark, John W. 2,847,581.
Clark, John W. 2,849,621.
Hansen, Siegfried. 2,860,282.
Le Vantine, Allan D. 2,865,403.
- Litton Industries, Inc.: *See*—
Crapuchettes, Paul W. 2,852,678.
Crapuchettes, Paul W. 2,852,719.
Crapuchettes, Paul W. 2,852,720.
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- Littwin, Arthur K. and D. F., to R. L. and A. K. Littwin, and L. W. Bier, trustees. Electromagnetic transfer apparatus. 2,862,601, 12-2-58, Cl. 198-25.
- Littwin, Donald F.: *See*—
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- Littwin Family Trust No. 1: *See*—
Littwin, Arthur K. 2,825,854.
- Littwin, Robert L.: *See*—
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- Litty, John R. Cake icing machine. 2,821,958, 2-4-58, Cl. 118-25.
- Litvan, Franz, and W. Stoll, to Geigy Chemical Corp. Substituted 2-phenyl-indan-1,3-dione. 2,820,738, 1-21-58, Cl. 167-65.
- Litzke, Samuel L. Baby bottle. 2,825,479, 3-4-58, Cl. 215-11.
- Liu, John K.: *See*—
Allin, George S., Sr., and Liu. 2,846,162.
- Livermont, Frank W. Detachable wrench head construction. 2,832,246, 4-29-58, Cl. 81-177.
- Livermore, H. F., Corp.: *See*—
Dodge, Sherwood O. 2,818,885.
Dodge, Sherwood O. 2,839,091.
- Livermore, Harry G.: *See*—
Bierwith, Stanton F., and Livermore. 2,852,875.
- Livers, Carlos B., to Bendix Aviation Corp. Valve and valve-actuating mechanism for hydraulic steering system. 2,826,258, 3-11-58, Cl. 180-79.2.
- Livers, Harold F., to M. C. Harter. Out of round attachment. 2,843,373, 7-15-58, Cl. 266-23.
- Livesay, Robert H.: *See*—
Lerner, Julius, and Livesay. 2,857,928.
- Livezey, William G., to General Motors Corp. Lockup clutch means for fluid torque converters and the like. 2,865,483, 12-23-58, Cl. 192-3.2.
- Livingood, Marvin D., to E. I. du Pont de Nemours and Co. Continuous production of cellular polyurethane plastics. 2,850,467, 9-2-58, Cl. 260-2.5.
- Livingston, Aleda, W. Dutton, and V. Rogers, to Love' Braggiere Co. Adjustable prosthetic device. 2,851,692, 9-16-58, Cl. 2-267.
- Livingston, Alistair: *See*—
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- Livingston, Callard, to American National Bank and Trust Co. of Chicago, executor of the estate of R. T. Moloney, deceased. Selective shutter mechanism for ball games. 2,853,303, 9-23-58, Cl. 273-125.
- Livingston, Charles I. Tire casing vulcanizers. 2,827,662, 3-25-58, Cl. 18-18.
- Livingston, Daniel I.: *See*—
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- Livingston, E. R.: *See*—
Wallace, Frank C. 2,832,255.
- Livingston, Edwin B., and R. W. Collapsible cart. 2,839,310, 6-17-58, Cl. 250-41.
- Livingston, Herbert K., and A. J. Johnson, to E. I. du Pont de Nemours and Co. Derivatives of 4-anilino-3-nitrobenzenesulfonamide. 2,834,793, 5-13-58, Cl. 260-397.7.
- Livingston, Richard W.: *See*—
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- Livingstone, Jay G. Flow-controller. 2,820,576, 1-21-58, Cl. 222-110.
- Livingstone, Jay G. Container. 2,848,142, 8-19-58, Cl. 222-111.
- Livingstone, Jay G. Pouring adapter. 2,848,145, 8-19-58, Cl. 222-542.
- Livingstone, Jay G. Adapter. 2,851,196, 9-9-58, Cl. 222-111.
- Livingstone, Stanley. Filling grate for looms. 2,832,376, 4-29-58, Cl. 139-379.

- Livingstone, Terence B.: *See*—
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- Lize, Octave and J. Apparatus for determining necessary corrections of at least three constituent colors of a colored image. 2,844,988, 7-29-58, Cl. 88-14.
- Ljung, Karl R. G. Pessary introducer. 2,830,582, 4-15-58, Cl. 128-127.
- Ljungström, Lars-Einar: *See*—
Nilsson, Gustav O., and Ljungström, 2,846,087.
- Llewellyn, Clay H., Jr., R. D. Welsh, and S. A. Hays, to North American Aviation, Inc. Method of making thin-walled reentrant structure. 2,832,676, 4-29-58, Cl. 41-41.
- Llewellyn, David M., A. R. Simpson, and D. H. West, to The International Nickel Co., Inc. Production of nickel or iron powder. 2,844,456, 7-22-58, Cl. 75-05.
- Llewellyn, Thomas G., to K. A. C. Ltd. Closures for openings. 2,866,572, 12-30-58, Cl. 220-40.
- Llobet Serra, José. System for diffusion of air in show halls for ventilation and air conditioning purposes. 2,852,998, 9-23-58, Cl. 98-40.
- Llorens, Louis M. Ribbon feed mechanism in selective printing machines. 2,821,918, 2-4-58, Cl. 101-336.
- Lloyd, Billy E.: *See*—
Kelly, Fred L., and Lloyd. 2,856,408.
- Lloyd Brothers, Inc.: *See*—
Vaughan, Joseph. 2,847,346.
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- Lloyd, John M., Jr., to Pan American Petroleum Corp. Method and apparatus for completing wells. 2,833,352, 5-6-58, Cl. 166-34.
- Lloyd, John R. and N. L. River weight clamp. 2,852,830, 9-23-58, Cl. 24-249.
- Lloyd, Norris L.: *See*—
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- Lloyd, Warren D. Shirt structures. 2,842,770, 7-15-58, Cl. 2-116.
- Lloyd, Whitten P.: *See*—
McKie, Bobby L., and Lloyd. 2,852,909.
- Lloyd, William G., to The Dow Chemical Co. Protection of glycol ethers by hydrazine. 2,848,501, 8-19-58, Cl. 260-611.5
- Lo, Arthur W.: *See*—
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- Lo, Arthur W., and W. A. Helbig, to Radio Corp. of America. Binary devices. 2,866,178, 12-23-58, Cl. 340-174.
- Lo, Chien-Pen: *See*—
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Craig, W. E. and Lo. 2,842,475.
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- Lo, Chien-Pen, to Rohm & Haas Co. N-cyanoethyl carbazole for treating systemic plant diseases. 2,823,158, 2-11-58, Cl. 167-33.
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- Lo, Elizabeth S., to Minnesota Mining and Mfg. Co. Perfluorohalocarboxylic acid ester modified solid polymer of a fluorine-containing olefin and process of preparing the same. 2,828,274, 3-25-58, Cl. 260-31.2.
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- Lo, Elizabeth S., to Minnesota Mining and Mfg. Co. 1,1 dihydrofluoroalkyl perfluoroalkyl ethers. 2,856,435, 10-14-58, Cl. 260-614.
- Lo, Yuen T., to Channel Master Patent Corp. Wide band antenna. 2,821,711, 1-28-58, Cl. 343-819.
- Loach, Bernard G.: *See*—
Mullett, Leslie B., Loach, and Adams. 2,840,788.
- Loaiza, Mario M. Cuff protector. 2,823,386, 2-18-58, Cl. 2-46.
- Loase, Raymond M., to American Type Founders Co., Inc. Zig-zag interfolding machine. 2,819,068, 1-7-58, Cl. 270-73.
- Lob, Walter, Hiebsch, and T. Wietek. Electric signalling device for traffic control. 2,841,781, 7-1-58, Cl. 340-321.
- Lobdell, Wallace A., to General Motors Corp. Induction system. 2,857,893, 10-28-58, Cl. 123-52.
- Lobdell, Webster A.: *See*—
Buell, Richard W., Lobdell, and Wrinn. 2,839,949.
- Lobell, George M., to the United States of America as represented by the Atomic Energy Commission. Injection moulding apparatus. 2,822,578, 2-11-58, Cl. 18-42.
- Lobenthal, Michael S.: *See*—
Harris, Frederic R. 2,830,553.
- Lobo, Walter E., and G. T. Skaperdas, to The M. W. Kellogg Co. Method of separating gaseous mixtures. 2,840,994, 7-1-58, Cl. 62-14.
- Lobao, Alfred J.: *See*—
Cody, John B. 2,831,582.
- Lobur, Walter: *See*—
Matulaitis, Victor E., and Lobur. 2,866,921.
- Locatis, Leo G., to The Houston-Fearless Corp. Reciprocating flange forming apparatus. 2,845,982, 8-5-58, Cl. 153-25.
- Locher, Ross E., to Zinsco Electrical Products. Circuit breaker panel board. 2,823,339, 2-11-58, Cl. 317-119.
- Lochhead, Angus T., Sr.: *See*—
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- Lochridge, Edwin H., to Dental Perfection Co. Injection press for denture materials. 2,825,931, 3-11-58, Cl. 18-30.
- Lock, Thomas, to Borg-Warner Corp. Fuel booster pump. 2,845,870, 8-5-58, Cl. 103-113.
- Lock Thread Corp.: *See*—
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- Locke, Burton H. Materials clamping devices for lift trucks. 2,821,317, 1-28-58, Cl. 214-653.
- Locke, Burton H. Variable speed attachments for motors. 2,847,863, 8-19-58, Cl. 74-230.17.
- Locke, David R., to Sperry Rand Corp. Means for retaining and operating a pivoted hairpocket. 2,839,828, 6-24-58, Cl. 30-41.
- Locke, George A., to Bell Telephone Laboratories, Inc. Teletypewriter exchange system. 2,863,936, 12-9-58, Cl. 178-2.
- Locke, George T. Traffic control signal construction. 2,849,816, 9-2-58, Cl. 40-125.
- Locker, Hans: *See*—
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- Locker, Hans, to Fruehauf Trailer Co. Adjustable wheel mounting for trailers and the like. 2,839,311, 6-17-58, Cl. 280-81.
- Locketbie, Thomas E., D. G. Perryman, and J. F. Duncel; said Perryman and said Duncel assors, to said Locketbie. Apparatus for cooling systems utilizing cooled circulated water. 2,854,827, 10-7-58, Cl. 62-307.
- Lockett, John J. Devices for cleaning pipes. 2,819,481, 1-14-58, Cl. 15-104.3.
- Lockett, Leslie J., to Westinghouse Brake and Signal Co., Ltd. Code transmitter relays. 2,845,508, 7-29-58, Cl. 200-90.
- Lockett, William, Jr.: *See*—
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- Lockhart, Charles F. Support for automatic train pipe connector. 2,831,645, 4-22-58, Cl. 248-53.
- Lockhart, Harold A.: *See*—
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- Lockhart, Robert K., to Radio Corp. of America. Signal filtering system for color television receiver. 2,831,919, 4-22-58, Cl. 178-5.4.
- Lockhart, Robert K., to Radio Corp. of America. Color television. 2,845,481, 7-29-58, Cl. 178-5.4.
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Alberti, Nicholas, and Beach. 2,826,379.
Beach, James B. 2,829,930.
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Detweiler, James I., and Thompson. 2,826,437.
Drury, Robert W. 2,851,921.
Ferguson, William H., and Rawlins. 2,830,127.
Foster, Curtis W. 2,835,142.
Gardener, Cornelius A. 2,861,549.
Hargrove, James G. 2,836,888.
Hay, Robert G. 2,844,550.
Howard, Robert G. 2,861,758.
Lebold, Jack W. 2,863,623.
Messinger, Bernard L., and Merrill. 2,851,254.
Oates, Clifford, Jr. 2,829,505.
Postell, William R. 2,866,958.
Rawlins, Robert E. 2,845,619.
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- Lockheed Aircraft Service, Inc.: *See*—
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- Lockheed, John A. Non-skidding brakes. 2,827,137, 3-18-58, Cl. 188-181.
- Lockingen, Lloyd S.: *See*—
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- Lock Joint Pipe Co.: *See*—
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- Locklair, Earl E.: *See*—
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Samfield, Max M., Brock, and Locklair. 2,845,633.
- Lockley, George: *See*—
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- Lockport Mills, Inc.: *See*—
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- Lockshin, Samuel D., to Hampden Specialty Products, Inc. Kneeling stool. 2,843,189, 7-15-58, Cl. 155-166.
- Lockwood, Charles R. Axle tube grinder. 2,818,695, 1-7-58, Cl. 51-241.
- Lockwood, Doyle E., to A. W. Hainlin. Aircraft launcher. 2,856,189, 10-14-58, Cl. 244-63.

- Lockwood, Harry A. Method and apparatus for forming a desiccator capsule. 2,838,795, 6-17-58, Cl. 18-19.
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- Lockwood, Louis H., to Armstrong Cork Co. Method of limiting particle segregation. 2,857,936, 10-28-58, Cl. 141-12.
- Lockwood, Robert C.: *See—*
- Yost, Russell R., Jr., and Lockwood. 2,819,454.
- Lockyer, John S.: *See—*
- Strang, John W., and Lockyer. 2,848,654.
- Locomotive Finished Material Co., The: *See—*
- Taylor, Gordon W. 2,826,363.
- Lodding, William F.: *See—*
- Bergman, Raymond W., and Lodding. 2,831,209.
- Lode, Jon, to Allmanna Svenska Elektriska Aktiebolaget. Phase sequence segregating network. 2,854,632, 9-30-58, Cl. 324-108.
- Lode, Tenny: *See—*
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- Loder, Milford G. Advancing and locking mechanism. 2,854,861, 10-7-58, Cl. 74-817.
- Lodewick, Madeleine and Mildred. Spectacle retaining device. 2,858,733, 11-4-58, Cl. 88-51.
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- Lodge, Frank, to Imperial Chemical Industries Ltd. Method of preparing anthraquinone dyes. 2,830,062, 4-8-58, Cl. 260-380.
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- Lodge, Lawrence L.: *See—*
- Robison, Morris M., and Lodge. 2,827,613.
- Lodholm, Valdemar, to Band-It Co. Machine for applying pressure clamps. 2,837,949, 6-10-58, Cl. 81-9.3.
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- Loeb, Abraham P.: *See—*
- Davidson, Walter L., Loeb, and O'Laughlin. 2,857,906.
- Loeb, George A., to General Register Corp. Ticket issuing and accounting system. 2,858,885, 11-4-58, Cl. 164-48.
- Loeb, Joseph P. Tissue dispenser. 2,858,045, 10-28-58, Cl. 221-59.
- Loeb, Leo. Stabilizer for containers. 2,853,261, 9-23-58, Cl. 248-38.
- Loeb, Morris. Keepers. 2,837,361, 6-3-58, Cl. 292-15.
- Loeb, Morris. Lock. 2,837,364, 6-3-58, Cl. 292-228.
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- Loeb, William A., to De Laval Steam Turbine Co. Compressor. 2,819,837, 1-14-58, Cl. 230-127.
- Loebel, Frederick A.: *See—*
- Cleaver, John C., Loebel, and Horvath. 2,835,230.
- Loeblich, Virginia M.: *See—*
- Lawrence, Ray V., and Loeblich. 2,846,430.
- Loezy, Joe, Jr. Turning device for diamond tool. 2,834,333, 5-13-58, Cl. 125-39.
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- Loeffler, Frank W., to General Motors Corp. Exhaust means extending through accessible enclosures. 2,841,232, 7-1-58, Cl. 180-89.
- Loehle, Max J., to General Electric Co. Drive mechanism for automatic washing machines and the like. 2,818,736, 1-7-58, Cl. 74-81.
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- Loehle, Max J., to General Electric Co. Flow control device. 2,861,590, 11-25-58, Cl. 137-513.7.
- Loehr, Leslie K.: *See—*
- Fallon, Raymond D., Elliott, and Loehr. 2,819,780.
- Loesche, Ernst G. Production of granulated materials consisting of a core and one or more shells. 2,860,598, 11-18-58, Cl. 118-418.
- Loeser, Christopher E.: *See—*
- Coats, George M., Loeser, and Dana. 2,857,319.
- Loeser, Christopher E., to Esso Research and Engineering Co. Apparatus for supporting and manipulating flexible conduit connections. 2,818,891, 1-7-58, Cl. 141-388.
- Loeser, Wilfred R., and J. H. Schmidt, to Union Carbide Corp. Manufacture of halogenated aromatic hydrocarbons. 2,827,502, 3-18-58, Cl. 260-650.
- Loetz, Henry P., to Formed Tubes, Inc. Plural ball and socket flexible sealed coupling for high temperature gas conduits. 2,857,177, 10-21-58, Cl. 285-166.
- Loev, David, to Burroughs Corp. Noise-free transfer circuit. 2,850,722, 9-2-58, Cl. 340-174.
- Loevenstein, Hirsch, to Harvey Machine Co., Inc. Apparatus for leaching. 2,833,630, 5-6-58, Cl. 23-267.
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- Loew, Theodore, to Cee Bee Mfg. Co. Inc. Method of making pointed end fabric faced belts. 2,828,796, 4-1-58, Cl. 154-4.
- Loew, Theodore, to Endsdown Co., Inc. Anticurl devices for garment parts. 2,849,719, 9-2-58, Cl. 2-132.
- Loewe, Heinz: *See—*
- Brodersen, Richard, Loewe, and Ott. 2,838,485.
- Jensch, Heinrich, Loewe, and Bauer. 2,851,495.
- Loewe, Richard T., to North American Aviation, Inc. Saturable phase detector. 2,838,688, 6-10-58, Cl. 307-88.
- Loewenheim, Ernst, to Thermo-Technical Development Ltd. Flue sealing means for use in conduits having unidirectional gas flow. 2,840,999, 8-12-58, Cl. 126-292.
- Loewinsohn, Joseph A. Necktie holder. 2,826,759, 3-18-58, Cl. 2-145.
- Loewy Engineering Co. Ltd., The: *See—*
- Langen, Mathias. 2,821,348.
- Salter, Frank S. 2,854,053.
- Loewy, Raymond. Extensible television controls. 2,853,897, 9-30-58, Cl. 74-504.
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- Lofgren, Gustaf E., to Electrolux Corp. Tapered multi-purpose nozzle. 2,842,794, 7-15-58, Cl. 15-417.
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- Lofgren, Gustaf E., to Electrolux Corp. Electric plug retaining cover. 2,866,169, 12-23-58, Cl. 339-91.
- Lofman, Robert A. Barometric alarm. 2,858,393, 10-28-58, Cl. 200-82.
- Lofqvist, Bengt E. R.: *See—*
- Eberman, Carl B., and Lofqvist. 2,844,358.
- Löfqvist, Bengt E. R., and C. B. Eberman, to Sandvikens Jernverks Aktiebolag. Grinding stand for rock drills. 2,849,839, 9-2-58, Cl. 51-55.
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- Lofthouse, Fred R., to Caterpillar Tractor Co. Dual control for engine governor. 2,825,238, 3-4-58, Cl. 74-480.
- Loftin, James C., L. Finkelstein, and E. M. Wharton, to the United States of America as represented by the Secretary of War. Incendiary. 2,824,515, 2-25-58, Cl. 102-6.
- Loftis, Homer J., to Henrite Products Corp. Mold for multiple production of vibration dampening mountings. 2,832,996, 5-6-58, Cl. 18-36.
- Loftis, Homer J., to Henrite Products Corp. Resilient mounting. 2,866,613, 12-30-58, Cl. 248-26.
- Loftron, Jesse H., to Philco Corp. Signal-seeking device. 2,821,631, 1-28-58, Cl. 250-40.
- Loftus Engineering Corp.: *See—*
- Suydam, Walter. 2,866,628.
- Loftus, Hugh J.: *See—*
- Bernandez, John J. 2,827,174.
- Log Electronics, Inc.: *See—*
- Craig, Dwin R., and Hamilton. 2,837,657.
- Logan, Alexander, to Western Electric Co., Inc. Composite plates and methods of making them. 2,849,698, 8-26-58, Cl. 339-198.
- Logan, Frank G., to Vickers Inc. Torque transmitting device with magnetic particles of nickel. 2,830,206, 6-24-58, Cl. 192-21.5.
- Logan, Hugh L., to Bendix Aviation Corp. Frequency meter. 2,845,579, 7-29-58, Cl. 315-183.
- Logan, John E., to The Wean Engineering Co., Inc. Electroplating zinc on basis metal. 2,847,373, 8-12-58, Cl. 204-55.
- Logan, John E., and A. Vujaklia, to Chem-Metals, Inc. Compositions for smoothing metal surfaces and processes for using the same. 2,820,003, 1-14-58, Cl. 204-140.5.
- Logan, John S. Skin diver's spear gun. 2,852,015, 9-16-58, Cl. 124-22.
- Logan, John W., Jr.: *See—*
- Bone, Herbert L., and Logan. 2,858,419.
- Logan, Malcolm. Coffeemaker with detachably securable heating means. 2,825,792, 3-4-58, Cl. 219-44.
- Logan, Malcolm. Electric air heater. 2,863,980, 12-9-58, Cl. 219-39.
- Logan, Maurice F. Means for suspension of window sashes. 2,844,843, 7-29-58, Cl. 16-197.
- Logan, Maurus C., to The Thomas & Betts Co. Crimping tool. 2,853,908, 9-30-58, Cl. 81-15.
- Logan, Richard S., to Phillips Petroleum Co. Lubricating oil additive and method of preparing the same. 2,822,332, 2-4-58, Cl. 252-45.
- Logan, Richard S., to Phillips Petroleum Co. Method of making a metal petroleum sulfonate. 2,848,415, 8-19-58, Cl. 252-33.
- Logan, Richard S., to Phillips Petroleum Co. Preparation of petroleum sulfonic acids and sulfonate derivatives thereof. 2,865,957, 12-23-58, Cl. 260-504.

- Logan, Ted J.: *See*—
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 Becker, Robert E. 2,821,405.
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 Logdon, George, and W. W. Sheridan, to Armstrong Cork Co. Article orienting device. 2,853,170, 9-23-58, Cl. 193—43.
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 Lo Grasso, Frank C. Switch box embodying integrally-formed anchoring means for cooperating wall-engaging elements. 2,831,597, 4-22-58, Cl. 220—3.6.
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 Logue, Ella B. Tables. 2,859,082, 11-4-58, Cl. 312—209.
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 Lohnes, Howard E., to Hallmark Cards, Inc. Greeting cards. 2,824,394, 2-25-58, Cl. 40—124.1.
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 Lohr, Robert G. Combination screen and storm window. 2,818,918, 1-7-58, Cl. 160—23.
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 Lohr, Thomas E., to General Motors Corp. Mechanical movement device. 2,844,969, 7-29-58, Cl. 74—424.8.
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 Lojewski, Joseph. Apparatus for stitching sheet material. 2,829,372, 4-8-58, Cl. 1—106.
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 Lolley, Raymond A., and J. G. Padbury, to Imperial Chemical Industries Ltd. Shaft rotation determining apparatus. 2,865,103, 12-23-58, Cl. 33—1.
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 Lomax, Clarence E., to General Telephone Laboratories, Inc. Telephone system paystation identification. 2,833,864, 5-6-58, Cl. 179—18.
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 London, Bessie P. Massaging apparatus. 2,819,714, 1-14-58, Cl. 128—57.
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 Long, Bernard, to Compagnies Reunies des Glaces & Verres Speciaux du Nord de la France. Production of birefringent glass. 2,823,491, 2-18-58, Cl. 49—89.
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 Long, Bernard, to Compagnies Reunies des Glaces & Verres Speciaux du Nord de la France. Method for the manufacture of tempered safety glass especially intended for use in automobiles. 2,866,299, 12-30-58, Cl. 49—89.
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- Long, George B., to General Motors Corp. Domestic appliance. 2,828,404, 3-25-58, Cl. 219-37.
- Long, George B., to General Motors Corp. Domestic garbage disposal unit with impeller operable only above a predetermined speed range. 2,853,248, 9-23-58, Cl. 241-257.
- Long, George B., to General Motors Corp. Domestic appliance. 2,860,026, 11-11-58, Cl. 312-296.
- Long, George B., and B. L. Bruckner, to General Motors Corp. Domestic appliance. 2,820,129, 1-14-58, Cl. 219-20.
- Long, George W., to Zenith Radio Corp. Captivated tube shield. 2,851,513, 9-9-58, Cl. 174-35.
- Long, Harmon: *See*—
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- Schulken, Roger M., Jr., and Long. 2,856,636.
- Long, Harmon, and J. W. Tambllyn, to Eastman Kodak Co. Stabilized cellulose ester plastics. 2,819,978, 1-14-58, Cl. 106-178.
- Long, Harold W., Jr., to United States of America, Atomic Energy Commission. Method of recovering uranium mineral values. 2,843,450, 7-15-58, Cl. 23-14.5.
- Long, James H.: *See*—
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- Long, Jasper, to Wade Electric Products Co. Apparatus for assembling electrical devices. 2,829,423, 4-8-58, Cl. 29-33.
- Long, Jasper, to Wade Electric Products Co. Switch. 2,840,650, 6-24-58, Cl. 200-16.
- Long, John B.: *See*—
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- Long, John B., to The Long Co. Power driven conveying mechanism. 2,854,129, 9-30-58, Cl. 198-204.
- Long, John R., to Parks-Cramer Co. Method for cleaning textile machines and the floors therebeneath. 2,844,495, 7-22-58, Cl. 134-57.
- Long, John V., to Solar Aircraft Co. Ceramic coatings and methods of formulation. 2,843,507, 7-15-58, Cl. 117-129.
- Long, John V., and A. R. Stetson, to Solar Aircraft Co. Oxidizing process for ferrous alloys containing at least 5% chromium. 2,858,244, 10-28-58, Cl. 148-6.2.
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- Long, Kenneth E., and J. R. Lytle, to The Harshaw Chemical Co. Mercury containing color and pigment production process. 2,850,400, 9-2-58, Cl. 106-301.
- Long, Leonard. Device for positioning and restraining live bodies. 2,845,314, 7-29-58, Cl. 311-5.
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- Long, Louis J. Trailer mounted power saw rig. 2,855,008, 10-7-58, Cl. 143-43.
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- Long, Marshall, and J. M. Miller, to Marlen Equipment Corp. Sausage canner. 2,864,216, 12-16-58, Cl. 53-123.
- Long, Maurice V.: *See*—
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- Long, Oliver R., 35% to D. T. Corbin. Attachment for hair nets. 2,848,001, 8-19-58, Cl. 132-49.
- Long, Paul J., Jr., and R. L. Nietert, to General Motors Corp. Hydraulic shock absorber. 2,844,226, 7-22-58, Cl. 188-88.
- Long, Paul J., Jr., and W. F. Schmitz, to General Motors Corp. Shock absorber mounting. 2,862,742, 12-2-58, Cl. 287-85.
- Long, Phil A., 1/2 to A. O. Long, Jr., and 1/2 to P. A. Long. Laundry marking and stapling machine shut-off device. 2,821,122, 1-28-58, Cl. 93-88.
- Long, Ray S.: *See*—
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- Bailes, Richard H., and Long. 2,859,092.
- Long, Ray S., to United States of America, Atomic Energy Commission. Alkyl pyrophosphate metal solvent extractants and process. 2,866,680, 12-30-58, Cl. 23-14.5.
- Long, Ray S., and R. H. Bailes, to the United States of America as represented by the United States Atomic Energy Commission. Ion exchange process for the recovery and purification of materials. 2,830,874, 4-15-58, Cl. 23-18.
- Long, Reuben M. Apparatus for venting cardboard containers. 2,830,369, 4-15-58, Cl. 30-310.
- Long, Richard H., to Bendix Aviation Corp. Anti-creep accelerator switch. 2,849,557, 8-26-58, Cl. 200-61.9.
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- Long, Robert S., and S. M. Tsang, to American Cyanamid Co. Biguanide derivatives of naphthol sulfonic acids. 2,826,606, 3-11-58, Cl. 260-506.
- Long, Robert S., and A. K. Kantor, to American Cyanamid Co. Alkoxy diaminostilbenedisulfonic acids. 2,841,613, 7-1-58, Cl. 260-509.
- Long, Robert S., and J. J. Leavitt, to American Cyanamid Co. Water soluble brightener composition. 2,844,539, 7-22-58, Cl. 252-301.2.
- Long, Robert S., and M. Scaleria, to American Cyanamid Co. 3-aryl-7-dialkylaminocoumarins. 2,844,594, 7-22-58, Cl. 260-343.2.
- Long, Robert S., and A. K. Kantor, to American Cyanamid Co. Alkoxy diaminostilbenedisulfonic acids. 2,848,484, 8-19-58, Cl. 260-507.
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- Long, Robert S., and J. E. Pretka, to American Cyanamid Co. 2,5-bis (p-aminophenyl) furan azo derivatives. 2,852,503, 9-16-58, Cl. 260-152.
- Long, Robert S., and R. J. Boyle, to American Cyanamid Co. Pyrrocoline dyes for polyester materials. 2,863,714, 12-9-58, Cl. 8-55.
- Long, Roger A. Alloys for bonding titanium base metals to metals. 2,822,269, 2-4-58, Cl. 75-175.5.
- Long, Roger A. Alloys for bonding titanium base metals to metals. 2,847,302, 8-12-58, Cl. 75-134.
- Long, Roger A. Process for coating metal base with silicon and heating to form metal-silicon surface layer. 2,855,328, 10-7-58, Cl. 117-65.
- Long, Selma H., J. W. Tambllyn, and L. D. Moore, Jr., to Eastman Kodak Co. Linear polyester compositions containing parahydroxyazobenzene as a heat stabilizer. 2,856,382, 10-14-58, Cl. 260-45.9.
- Long, Spencer W., to The National Supply Co. Overrunning clutch. 2,835,363, 5-20-58, Cl. 192-45.
- Long, Thomas L., to Johnston Testers, Inc. Well perforating device. 2,859,697, 11-11-58, Cl. 102-21.8.
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- Longacre, Henry C. M., to Sylvania Electric Products, Inc. High intensity projection lamp. 2,827,587, 3-18-58, Cl. 313-341.
- Longacre, Russell S. Self-watering capillary flower pot. 2,865,137, 12-23-58, Cl. 47-38.
- Longenecker, Levi S. Soaking pit cover. 2,837,044, 6-3-58, Cl. 110-173.
- Longfellow, Richard C., to General Electric Co. Phase detection. 2,838,733, 6-10-58, Cl. 324-83.
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- Longini, Richard L., to Westinghouse Electric Corp. Method of making junction transistors. 2,836,520, 5-27-58, Cl. 148-1.5.
- Longini, Richard L., to Westinghouse Electric Corp. Hook collector and method of producing same. 2,836,521, 5-27-58, Cl. 148-1.5.
- Longini, Richard L., to Westinghouse Electric Corp. Junction transistors and processes for producing them. 2,840,497, 6-24-58, Cl. 148-1.5.
- Longini, Richard L., to Westinghouse Electric Corp. Large storage low noise image tube. 2,840,755, 6-24-58, Cl. 315-11.
- Longini, Richard L., to Westinghouse Electric Corp. Semiconductor translating device. 2,862,184, 11-25-58, Cl. 324-142.
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- Longley, Raymond I., Jr., and R. H. Martin, Jr., to Monsanto Chemical Co. Suspension polymerization of vinyl halide products. 2,824,862, 2-25-58, Cl. 260-92.8.
- Longley, Raymond I., Jr., and T. M. Patrick, Jr., to Monsanto Chemical Co. Process for producing α -alkoxybenzylsuccinic anhydrides and nuclearly substituted benzyl derivatives thereof. 2,841,592, 7-1-58, Cl. 260-346.8.
- Longmire, Gordon L., B. E. Bailey, and M. S. Schlegel. Oscillating wheel dresser for resistance type welders. 2,835,086, 5-20-58, Cl. 51-241.
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- Longwell, John P., to Esso Research and Engineering Co. Process for contacting immiscible liquids. 2,833,840, 5-6-58, Cl. 260-683.59.
- Longwell, John P., to United States of America, Navy. Igniter for ram-jet. 2,835,109, 5-20-58, Cl. 60-38.72.
- Longwell, John P., to United States of America, Navy. Fuel control apparatus for supersonic ramjet. 2,840,988, 7-1-58, Cl. 60-39.28.
- Longwell, John P., to United States of America, Navy. Multi-stage fuel injection for ram-jet combustor. 2,840,990, 7-7-58, Cl. 60-39.72.
- Longwell, John P., to United States of America, Navy. Fuel pressuring system for supersonic ram-jet. 2,844,938, 7-29-58, Cl. 60-39.48.

- Longwell, Robert S.: See—
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- Longyear, E. J., Co.: See—
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- Loofbrow, Alan G., to Chrysler Corp.
Power steering mechanism of the hydraulic type. 2,837,167, 6-3-58, Cl. 180-79.2.
- Loomis, Glenn L., to Loomis Hydraulic Testing Co., Inc.
Apparatus for testing oil well casing or the like. 2,841,007, 7-1-58, Cl. 73-40.5.
- Loomis Hydraulic Testing Co., Inc.: See—
Loomis, Glenn L. 2,841,007.
- Loomis, Jack E., to Clark Equipment Co.
Latch mechanism. 2,846,264, 8-5-58, Cl. 296-35.
- Loomis Machine Co.: See—
Loomis, Martin. 2,843,865.
- Loomis, Martin, to Loomis Machine Co.
Dockboards. 2,843,865, 7-22-58, Cl. 14-71.
- Loomis, Nelson E., to Son-Chief Electrics, Inc.
Control connector plug. 2,830,166, 4-8-58, Cl. 219-44.
- Looney, Duncan H., to Bell Telephone Laboratories Inc.
Contact structure. 2,820,932, 1-21-58, Cl. 317-240.
- Looney, Willis L.: See—
Schafer, Denny P. 2,823,606.
- Loop, James P., to Continental Steel Corp.
Coil winding apparatus. 2,829,845, 4-8-58, Cl. 242-81.
- Loose, Winfield W.: See—
Kennedy, Gilbert J., and Loose. 2,833,976.
- Loose, Winfield W., to Philco Corp.
Phonograph apparatus. 2,853,305, 9-23-58, Cl. 274-10.
- Loose, Winfield W., to Philco Corp.
Phonograph apparatus. 2,855,204, 10-7-58, Cl. 274-10.
- Loose Leaf Metals Co.: See—
Schroer, Walter E., Trybinski, and Walling. 2,865,377.
- Loosjes, Robert, to North American Phillips Co., Inc.
Resistor. 2,827,586, 3-18-58, Cl. 313-235.
- Lootens, William F., to General Electric Co.
High current rectifier. 2,861,226, 11-18-58, Cl. 317-234.
- Loparto, George: See—
Pula, Stephen, and Loparto. 2,836,918.
- Lopez, Frank A., to Sperry Rand Corp.
Record sorting machines. 2,838,174, 6-10-58, Cl. 209-110.
- Lopez, John P., to Universal Corrugated Box Machinery Corp.
Box flap taping and end sealing equipment. 2,834,168, 5-13-58, Cl. 53-137.
- Lopez, Jose S.
Spinning tops. 2,839,869, 6-24-58, Cl. 46-65.
- Lopez, Rene.
Case for camera. 2,858,751, 11-4-58, Cl. 95-11.
- Lopez-Henriquez, Miguel.
High fidelity speaker enclosure system. 2,858,899, 11-4-58, Cl. 181-31.
- Lopiccolo, Robert C.
Cam actuated spoiler. 2,859,004, 11-4-58, Cl. 244-42.
- Lopker, Edwin B., and E. M. Stoltz, Jr., to Olin Mathieson Chemical Corp.
Continuous filtration process and apparatus therefor. 2,839,194, 6-17-58, Cl. 210-66.
- Lopresti, Rocco J., and S. R. Safr, to American Cyanamid Co.
5,5-diphenyl-1,2,4-oxadiazolidine-3-ones. 2,852,523, 9-16-58, Cl. 260-307.
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3,3-diphenyl-1,2,4-oxadiazolidine-5-one. 2,852,524, 9-16-58, Cl. 260-307.
- Lo Presti, Roy F., to Goodman Mfg. Co.
Support assembly for conveyor. 2,833,395, 5-6-58, Cl. 198-192.
- Lo Presti, Roy F., to Goodman Mfg. Co.
Tensioning device for extensible conveyors or the like. 2,837,204, 6-3-58, Cl. 198-208.
- Lo Presti, Roy F., to Goodman Mfg. Co.
Extensible conveyors. 2,858,935, 11-4-58, Cl. 198-139.
- Lo Presti, Roy F., and J. R. Madeira, to Goodman Mfg. Co.
Extensible conveyors. 2,851,149, 9-9-58, Cl. 198-139.
- Lorain Products Corp.: See—
Huge, Henry M. 2,846,637.
Pollard, Marion D. 2,840,255.
- Lorang, William J., to Williams Mfg. Co., Inc.
Hydraulically operated chiropractic table. 2,851,320, 9-9-58, Cl. 311-7.
- L'Orange G. m. b. H.: See—
Seifert, Richard, and Barth. 2,831,433.
- Lorant, Hugo.
Extrusion process. 2,822,087, 2-4-58, Cl. 207-10.
- Lorant, Hugo.
Stretch-straightening machine with actuating means intermediate the gripping heads. 2,852,062, 9-16-58, Cl. 153-35.
- Lorch, Hermann R., and J. A. McCleery, to British Insulated Callender's Cables Ltd.
Compression joint for electric conductors. 2,829,357, 4-1-58, Cl. 339-61.
- Lorch, Joseph: See—
Harges, Michael T., and Lorch. 2,848,693.
- Lord, Dwight S., to Hoffman Electronics Corp.
Television receiver test equipment or the like. 2,866,897, 12-30-58, Cl. 250-36.
- Lord, Edmund, to The British Cotton Industry Research Association Shirley Institute.
Method of and means for measuring the staple length of fibres. 2,845,837, 8-5-58, Cl. 88-14.
- Lord, Harold W., to General Electric Co.
Test transformer for ring-type magnetic cores. 2,829,338, 4-1-58, Cl. 324-34.
- Lord, Harold W., to General Electric Co.
Magnetic core test apparatus. 2,830,262, 4-8-58, Cl. 324-34.
- Lord, John G., to Philco Corp.
Wire feeding apparatus. 2,823,792, 2-18-58, Cl. 203-65.
- Lord, John G., to United States of America, Army.
Split breech block. 2,839,966, 6-24-58, Cl. 89-22.
- Lord, Joseph R., to Southwestern Engineering Co., Flotation of heavy metal oxides. 2,861,687, 11-25-58, Cl. 209-167.
- Lord Mfg. Co.: See—
Beck, Merrill G., and Tuttle. 2,828,095.
Coleman, Elmer W., Jr. 2,837,458.
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- Lord, Thomas J.: See—
Booth, Harry T., Lord, and Hughes. 2,840,068.
- Lord, Wallace A., Castor. 2,866,222, 12-30-58, Cl. 16-45.
- Lord Baltimore Press, Inc.: See—
Klein, Clarence F., and Dukehart. 2,824,683.
- Lordo, Alphonse V., to Lordo Products, Inc.
Tools for eating spaghetti. 2,853,779, 9-30-58, Cl. 30-324.
- Lordo Products, Inc.: See—
Lordo, Alphonse V. 2,853,779.
- Loredo Serra, Miguel A.
Apparatus for the inhalation of gases. 2,840,074, 6-24-58, Cl. 128-188.
- Lorenz, Harry J.
Coin dispenser and permit holder. 2,834,358, 5-13-58, Cl. 133-6.
- Lorensen, Lyman E.: See—
Barnum, Emmett R., Lorensen, and Zachar. 2,839,512.
- Lorentzen, Hans K., to Lorentzen Hardware Mfg. Corp.
Cornice fitting. 2,824,606, 2-25-58, Cl. 160-38.
- Lorentzen, Hans K., to Lorentzen Hardware Mfg. Corp.
Venetian blind fitting for engaging ladder-type loops. 2,831,536, 4-22-58, Cl. 160-177.
- Lorentzen, Hans K., to Levolor Lorentzen, Inc.
Lift cord separator for Venetian blinds. 2,840,157, 6-24-58, Cl. 160-173.
- Lorentzen, Hans K., to Lorentzen Hardware Mfg. Corp.
Guiding channel-shaped bodies. 2,840,210, 6-24-58, Cl. 193-1.
- Lorentzen Hardware Mfg. Corp.: See—
Anderle, Joseph A. 2,861,631.
Lorentzen, Hans K. 2,824,603.
Lorentzen, Hans K. 2,831,536.
Lorentzen, Hans K. 2,840,210.
- Lorentzen, Levolor, Inc.: See—
Lorentzen, Hans K. 2,840,157.
- Lorenz, Albert, to Engelhard Industries, Inc.
Method of producing minute perforations in solid bodies by thermal impact exerted by concentrated corpuscular rays. 2,844,706, 7-22-58, Cl. 219-69.
- Lorenz, Anton: See—
Schliephacke, Fridtjof F. 2,849,052.
- Lorenz, Anton.
Article of repose with coordinated seat, back-rest and leg-rest. 2,820,508, 1-21-58, Cl. 155-106.
- Lorenz, Anton.
Article of repose for supporting the body of a person. 2,827,108, 3-18-58, Cl. 155-106.
- Lorenz, Anton.
Article of repose for supporting the body of a person. 2,827,109, 3-18-58, Cl. 155-106.
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Article of repose for supporting the body of a person. 2,830,650, 4-15-58, Cl. 155-77.
- Lorenz, Anton.
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- Lorenz, Anton.
Chair with reclining seat and back-rest and coordinated leg-rest. 2,840,141, 6-24-58, Cl. 155-106.
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- Lorenz, Anton.
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- Lorenz, C., Akt.: See—
Augustin, Johann W. 2,864,482.
- Lorenz, Harold.
Mechanically operated springless circular eccentric valve gear. 2,832,327, 4-29-58, Cl. 123-90.
- Lorenz, Henry F.
Photographic camera. 2,832,274, 4-29-58, Cl. 95-45.
- Lorenz, Jake.
Knife sharpener. 2,821,816, 2-4-58, Cl. 51-78.
- Lorenz, Leo: See—
Krafft, Frederic B., Roberts, and Lorenz. 2,857,116.
- Lorenz, Leo J.: See—
Elfes, Lee E., and Lorenz. 2,822,654.
Elfes, Lee E., and Lorenz. 2,847,812.
Elfes, Lee E., and Lorenz. 2,853,843.
- Lorenz, Robert L.
Breathing apparatus for divers. 2,839,053, 6-17-58, Cl. 128-142.

- Lorenz, Roy H., O. C. Holbrook, and G. G. Bernard, to The Pure Oil Co. Recovery of oil from partially depleted reservoirs by secondary recovery. 2,846,012, 8-5-58, Cl. 166-38.
- Lorenz, Walter: *See*—
Schradner, Gerhard, and Lorenz. 2,862,017.
- Lorenz, Walter, to Farbenfabriken Bayer Akt. Derivatives of thiophosphoric acid. 2,843,588, 7-15-58, Cl. 260-248.
- Lorenz, Walter, to Farbenfabriken Bayer Akt. Process of making *o,o*-dimethyl-*o*-(β,β -dichlorovinyl)-phosphate. 2,865,943, 12-23-58, Cl. 260-461.
- Lorenz, Walter, and H. Heneka, to Schenley Industries, Inc. Phosphoric acid derivatives of 1-phenyl-2,3-dimethyl-4-amino-5-pyrazolone. 2,844,510, 7-22-58, Cl. 167-65.
- Lorenz, Walter K., to Purex Corp., Ltd. Process for purifying trichlorocyanuric acid. 2,828,308, 3-25-58, Cl. 260-248.
- Lorenz, Werner, to Schuhmaschinen-Gesellschaft Hanke & Co., m. b. H. Sole cementing press. 2,853,726, 9-30-58, Cl. 12-38.
- Lorenzen, Coby, to The Regents of the University of California. Fruit cutting apparatus with size compensation. 2,858,863, 11-4-58, Cl. 146-72.
- Lorette, Nicholas B.: *See*—
Brown, John H., Jr., and Lorette. 2,827,494.
- Lorette, Nicholas B., to The Dow Chemical Co. Dioxanes. 2,843,601, 7-15-58, Cl. 260-340.6.
- Lorette, Nicholas B., to The Dow Chemical Co. 2,3-di(chloroalkoxy)-p-dioxanes. 2,843,602, 7-15-58, Cl. 260-340.6.
- Loria, Anthony: *See*—
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- Loria, George, Loria, and Reckhow. 2,865,751.
- Loria, Samuel F., to General Motors Corp. Hinge and hold-open. 2,848,736, 8-26-58, Cl. 16-142.
- Loria, Samuel F., to General Motors Corp. Door check and hold-open. 2,857,617, 10-28-58, Cl. 16-85.
- Lorie, Douglas. Method of handling metallic containers. 2,819,594, 1-14-58, Cl. 62-170.
- Lorig, Edwin T., to United States Steel Corp. Belt driven roller conveyor. 2,822,077, 2-4-58, Cl. 198-127.
- Lorig, Edwin T., to United States Steel Corp. Apparatus for continuously centering a moving strip. 2,822,169, 2-4-58, Cl. 271-2.6.
- Lorig, Edwin T., to United States Steel Corp. Roller conveyor. 2,828,852, 4-1-58, Cl. 198-127.
- Lorig, Edwin T., to United States Steel Corp. Apparatus for automatically centering a moving endless belt. 2,832,228, 4-29-58, Cl. 74-240.
- Lorig, Edwin T., to United States Steel Corp. Flanged wheels. 2,842,393, 7-8-58, Cl. 295-1.
- Lorig, Edwin T. Roller bearing. 2,859,076, 11-4-58, Cl. 308-202.
- Lorimer, Allan G., to M. A. Vendig. Swimming pools and method of constructing the same. 2,864,098, 12-16-58, Cl. 4-172.
- Lorimer, William, 1/2 to E. G. Armstrong. Filter and filter cartridge. 2,858,026, 10-28-58, Cl. 210-444.
- Lorincz, Allan L.: *See*—
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- Loring, Arthur L., to Master-Craft Corp. Posting rack and binder. 2,829,651, 4-8-58, Cl. 129-1.
- Loring, Blake M. Method of casting metals. 2,864,143, 12-16-58, Cl. 22-216.
- Loring, Samuel J., to United Aircraft Corp. Induction hardening. 2,825,788, 3-4-58, Cl. 219-10.41.
- Loritsch, John A., and E. W. Daszewski, to General Electric Co. Modified polyvinyl acetal insulated conductors. 2,836,518, 5-27-58, Cl. 117-232.
- Lornitzo, Frank C., to Pantex Mfg. Corp. Relief valve. 2,839,078, 6-17-58, Cl. 137-508.
- Lornitzo, Frank C., to Pantex Mfg. Corp. Relief valve. 2,854,995, 10-7-58, Cl. 137-468.
- Loroco Industries Inc.: *See*—
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- Lorscheidt, Manfred K., to Daimler-Benz Aktiengesellschaft. Valve mechanism for internal combustion engines. 2,831,470, 4-22-58, Cl. 123-90.
- Lorscheidt, Manfred K., and H. Meyer, to Daimler-Benz Aktiengesellschaft. Valve mechanism for internal combustion engines. 2,833,258, 5-6-58, Cl. 123-90.
- Lortz, Russell W., to Phillips Petroleum Co. Heat exchanger. 2,862,694, 12-2-58, Cl. 257-224.
- Loshing, Bernard H., to The Schluter Co. Wire tray for draining parts of milking machines. 2,818,980, 1-7-58, Cl. 211-126.
- Losco, Giuseppe: *See*—
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- Losey, Arthur M.: *See*—
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- Losey, Mildred E. Glove selector. 2,864,511, 12-16-58, Cl. 211-89.
- Losfeld, Andre. Projectile and cartridge. 2,863,394, 12-9-58, Cl. 102-90.
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- Lothringer, Robert L.: *See*—
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- Lothrop, John W.: *See*—
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- Lothrop, John W., and R. R. Wareham, to Polaroid Corp. Photographic apparatus including sheet-arresting and control mechanism. 2,843,029, 7-15-58, Cl. 95-13.
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- Lotran Inc.: *See*—
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- Lott, Jeremiah A.: *See*—
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- Lott, William A.: *See*—
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- Pribyl, Edward J., and Lott. 2,848,459.
- Lott, William A., to Olin Mathieson Chemical Corp. Aminoalkylamides of butoxybenzoic acid. 2,819,305, 1-7-58, Cl. 260-559.
- Lott, William A., to Olin Mathieson Chemical Corp. Esters of aryl-substituted cyclobutanedicarboxylic acids. 2,841,610, 7-1-58, Cl. 260-475.
- Lott, William A., and E. J. Pribyl, to Olin Mathieson Chemical Corp. 5-alkyl-2-(trichloromethyl)-5-m-dioxane-methanol and its carbamic acid ester. 2,863,876, 12-9-58, Cl. 260-340.7.
- Lott, William A., and E. J. Pribyl, to Olin Mathieson Chemical Corp. Mucosal-anesthetic compositions containing polycarboxylic acid salts of *N*-diethylaminoethyl- α -propyl-cinnamide. 2,866,733, 12-30-58, Cl. 167-52.
- Lott, William A., and J. Krapcho, to Olin Mathieson Chemical Corp. Pharmaceutical compounds. 2,862,965, 12-2-58, Cl. 260-559.
- Lotz, Friedrich: *See*—
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- Lotz, Henry. Snow and ice cleat. 2,864,423, 12-16-58, Cl. 152-230.
- Lotz, Otto: *See*—
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- Lotz, Otto, to The Babcock & Wilcox Co. Fuel burning apparatus. 2,840,047, 6-24-58, Cl. 122-235.
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- Louckes, Frank I. Apparatus for manipulating mold forms for molding flexible concrete revetment mats. 2,822,597, 2-11-58, Cl. 25-1.
- Loucony, Adolphe W., to Conso Metal Products, Inc. Tilter mechanism for Venetian blinds. 2,855,991, 10-14-58, Cl. 160-177.
- Loud, Eldon E., and E. W. Borchardt, deceased, by O. M. Borchardt, administratrix. Fish live box. 2,847,794, 8-19-58, Cl. 43-55.
- Louder, Earl A., and A. Z. Hodson, to Pet Milk Co. Instantly soluble milk powder and process for making same. 2,832,686, 4-29-58, Cl. 99-56.
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- Launder, Ernie L., Loudon, and Frederick. 2,839,666.
- Lougee, Glen A. Foldable eyeshade. 2,861,275, 11-25-58, Cl. 2-12.
- Loughborough, Mark. Sealing strip. 2,858,695, 11-4-58, Cl. 72-106.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Color-television signal-modifying apparatus. 2,833,851, 5-6-58, Cl. 178-5.2.
- Loughlin, Bernard D. Color-saturation control apparatus. 2,841,643, 7-1-58, Cl. 178-5.4.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Color-television signal-translating apparatus. 2,851,517, 9-9-58, Cl. 178-5.4.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Video-frequency signal-translating apparatus. 2,856,454, 10-14-58, Cl. 178-5.4.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Chrominance-signal component-selection system. 2,864,951, 12-16-58, Cl. 250-27.
- Loughten, Arthur V., to Hazeltine Research, Inc. Color-image-reproducing apparatus. 2,855,457, 10-7-58, Cl. 178-5.4.
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- Marks, Lou F., and Louik. 2,860,642.
- Louis, Arnold S.: *See*—
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- Louis, Arnold S., to M. A. Coler. Moldable miniature battery. 2,843,649, 7-15-58, Cl. 136-111.
- Louis, Arnold S., to M. A. Coler. Sealed potentiometers. 2,857,496, 10-21-58, Cl. 201-55.
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- Louthan, Chester F., to General Motors Corp. Refrigerating apparatus. 2,819,731, 1-14-58, Cl. 138-38.
- Louthan, George R.: *See*—
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- Louthan, Rector P.: *See*—
Goodhue, Lyle D., and Louthan. 2,842,549.
- Louthan, Rector P., to Phillips Petroleum Co. Method of reacting a halogen with an alkyl mercaptan and a dialkyl disulfide. 2,855,516, 9-23-58, Cl. 260-543.
- Louthan, Rector P., to Phillips Petroleum Co. Oxidation of organic sulfides. 2,859,248, 11-4-58, Cl. 260-607.
- Louthan, Rector P., to Phillips Petroleum Co. Process for preparing surface-active materials. 2,864,866, 12-16-58, Cl. 260-607.
- Lovatt, Bernard C.: *See*—
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 Love, Richard R. Easy loading shifting axle trailer. 2,859,889, 11-11-58, Cl. 214-505.
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 Love, Robert M., to Esso Research and Engineering Co. Reconditioning of platinum catalyst. 2,856,350, 10-14-58, Cl. 208-140.
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 Lovell, Jac M. Automatic golf caddy vehicle. 2,836,253, 5-27-58, Cl. 180-27.
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 Loveridge, William B. Milk bottle case loading machine. 2,834,167, 5-13-58, Cl. 53-61.
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 Lovgston, Samuel M., Co.: See—
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 Lovinger, Daniel: See—
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 Lovy, Alexander E., and E. M. Spears, to Oxy-Gear Inc. Portable inhalator. 2,866,456, 12-30-58, Cl. 128-203.
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 Neidich, George G., Low, and Martin. 2,833,242.
 Low, Frank D., to General Electric Co. Signal and control circuits for dishwashing apparatus. 2,825,348, 3-4-58, Cl. 134-58.
 Low, Sidney, to The Chapman Valve Mfg Co. Method of depassifying high chromium steels prior to nitriding. 2,851,387, 9-9-58, Cl. 148-16.6.
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 Lowdermilk, Alfred J., Jr.: See—
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 Lowdermilk, Ford R.: See—
 Mockrin, Isadore, Lowdermilk, and Graver. 2,860,033.
 Lowe, Arnold J., D. Butler, and E. M. Meade. Manufacture of alkanolamines. 2,823,236, 2-11-58, Cl. 260-584.
 Lowe, Donald J., to Young-Brothers Co. Oven duct and duct inlet means. 2,845,720, 8-5-58, Cl. 34-150.
 Lowe, Edgar C. Lock. 2,827,983, 3-25-58, Cl. 187-61.
 Lowe, Edwin C., to Norton Co. Rocket motor with recrystallized silicone carbide throat insert. 2,849,860, 9-2-58, Cl. 60-35.6.
 Lowe, Edwin C., to Norton Co. Process of synthesizing silicon carbide. 2,862,795, 12-2-58, Cl. 23-208.
 Lowe, Frank C.: See—
 Robins, John S., and Lowe. 2,858,830.
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 Lowe, Henry E., Jr. Bird feeders. 2,865,326, 12-23-58, Cl. 119-52.
 Lowe, Helen M. Fish lure. 2,820,315, 1-21-58, Cl. 43-42.04.
 Lowe, John H.: See—
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 Lowe, Orville G.: See—
 Lukman, John C., and Lowe. 2,862,916.
 Lowe, Plumer P.: See—
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 Lowe, Robert L. Anti-glare shields and attachment means therefor. 2,820,669, 1-21-58, Cl. 296-97.
 Lowe, Robert W.: See—
 Goss, Robert V., and Lowe. 2,838,829.
 Lowe, Wallace K., to Crucible Steel Co. of America. Billet grinder. 2,819,563, 1-14-58, Cl. 51-45.
 Lowell, Arthur I., to Air Reduction Co., Inc. Preparation of saturated carbinols by the hydrogenation and hydrogenolysis of acetylenic glycols. 2,863,929, 12-9-58, Cl. 260-642.
 Lowell, Arthur L.: See—
 Edwards, Lawrence K., Lowell, and Summers. 2,822,755.
 Lowell, Benjamin W. High frequency speaker baffle. 2,819,773, 1-14-58, Cl. 181-31.
 Lowell, Bernard. Fireproof tar composition. 2,861,012, 11-18-58, Cl. 117-137.
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 Lowell, John H., to E. I. du Pont de Nemours and Co. Process of coating metal with methyl methacrylate resin and product formed thereby. 2,823,140, 2-11-58, Cl. 117-75.
 Lowell, John O., to Joab, Inc. Shoe cutting die. 2,846,001, 8-5-58, Cl. 164-29.
 Lowell Mfg. Co.: See—
 Kauffman, Walter L., II. 2,858,618.
 Lowell, Rudolph L.: See—
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 Löwenfeld, Rudolf, and K. Löhe, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünning. Diazo-amino compounds. 2,842,535, 7-8-58, Cl. 260-140.
 Lowenheim, Frederick A., and H. B. Forman, to Metal & Thermit Corp. Method of tin-antimony alloy plating. 2,825,683, 3-4-58, Cl. 204-43.
 Lowensohn, Ralph S., to The O. A. Sutton Corp. Air diffuser. 2,852,999, 9-23-58, Cl. 98-40.
 Lowenthal, Herman, to General Scientific Corp. Photographic objective. 2,844,072, 7-22-58, Cl. 88-57.
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 Lower, Frederick D.: See—
 Bennett, William O. Jr., Lower, and Ott. 2,841,280.
 Lowerre, Ralph T., to United States Steel Corp. Rail bond or electrical connector. 2,834,550, 5-13-58, Cl. 238-14.9.
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 Lowery, Joseph H., and E. C. Schule, to Allied Chemical Corp. Polycaprolactam molding composition and molded articles. 2,856,373, 10-14-58, Cl. 260-18.
 Lowes, Fred J.: See—
 Dreisbach, Robert R., Mulloy, and Lowes. 2,829,178.
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- Lowey, Hans. Ethyl cellulose coatings for shaped medical preparations. 2,853,420, 9-23-58, Cl. 167-82.
- Lowing, James A.: *See*—
- Sturdy, Raymond O., Rigney, and Lowing. 2,847,946.
- Lowitz, Frank. Apparatus for opening hermetically sealed casings. 2,836,016, 5-27-58, Cl. 51-105.
- Lowitzsch, Kurt, to North American Philips Co., Inc. Crystal holder. 2,820,904, 1-21-58, Cl. 250-51.
- Lowitzsch, Kurt, and W. Parrish, to North American Philips Co., Inc. Rotating flat specimen device for the Geiger counter X-ray spectrometer. 2,829,261, 4-1-58, Cl. 250-51.
- Lowndes, Edward R.: *See*—
- Solari, Archie J. 2,819,921.
- Lowndes Engineering Co., Inc.: *See*—
- Waldron, David W., Jr. 2,838,017.
- Lownert, Per A.: *See*—
- Backlin, Folke, Forsen, and Lownert. 2,840,624.
- Lowrie, Harman S.: *See*—
- Cusie, John W., and Lowrie. 2,860,137.
- Lowrie, Richard W.: *See*—
- McMillan, Wilbur M., and Lowrie. 2,846,669.
- Lowry, Heard S., Jr.: *See*—
- Chapek, Henry T., and Lowry. 2,862,662.
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- Lowry, Lewis R., Jr.: *See*—
- Richards, Harrison H. C., Jr., and Lowry. 2,862,111.
- Lowry, Lewis R., Jr., to Westinghouse Electric Corp. Generator control and protective system. 2,845,593, 7-29-58, Cl. 322-25.
- Lowry, Lewis R., Jr., and G. H. Stearley, to Westinghouse Electric Corp. Generator control system. 2,858,502, 10-28-58, Cl. 322-25.
- Lowry, Michael J., Closure for the shaft receiving side opening of belt guards. 2,825,242, 3-4-58, Cl. 74-611.
- Lowry, William G. Overhead track. 2,853,954, 9-30-58, Cl. 104-87.
- Lowth, Leonard C., to The Scholl Mfg. Co., Inc. Cushioning device. 2,847,004, 8-12-58, Cl. 128-153.
- Lowther, Wilfred W., to United Specialties Co. Muffler. 2,833,368, 5-6-58, Cl. 181-40.
- Lowther, Wilfred W., to United Specialties Co. Liquid bath air cleaner. 2,835,338, 5-20-58, Cl. 183-15.
- Lowther, Wilfred W., to United Specialties Co. of Illinois. Coil making machine having a flexible belt former. 2,861,621, 11-25-58, Cl. 153-64.
- Lowthian, Walter E. Method of packaging cylindrical containers. 2,845,758, 8-5-58, Cl. 53-14.
- Loxham, John, to The Sigma Instrument Co., Ltd. Pneumatic gauges. 2,848,889, 8-26-58, Cl. 73-37.5.
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- Lozier, John C., to Bell Telephone Laboratories, Inc. Encoder for pulse code modulation. 2,839,727, 6-17-58, Cl. 332-1.
- Lubanski, Joseph. Convertible appliance for sportsman. 2,839,865, 6-24-58, Cl. 43-26.
- Lubben, Gerrit J.: *See*—
- Haantjes, Johan, and Lubben. 2,866,125.
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- Lubberger, Emma: *See*—
- Spiecker, Friedrich, and Lubberger. 2,846,510.
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- Spiecker, Friedrich, and Lubberger. 2,846,510.
- Lubeke, Harry R. Color television system. 2,822,419, 2-4-58, Cl. 178-5.2.
- Luben, Robert: *See*—
- Kolling, Helmut, Luben, and Schmitz. 2,852,546.
- Lüben, Robert, to Ruhrchemie Aktiengesellschaft. Purification of hydrocarbons by refining hydrogenation. 2,819,289, 1-7-58, Cl. 260-450.
- Luber, Anthony J. Power driven screw driver having screw holding means. 2,845,968, 8-5-58, Cl. 144-32.
- Lubkin, Samuel, to Underwood Corp. Electrical delay line assemblage. 2,823,354, 2-11-58, Cl. 333-29.
- Lubkin, Samuel, to Underwood Corp. Frequency changer. 2,827,566, 3-18-58, Cl. 250-27.
- Lubkin, Samuel, to Underwood Corp. Cyclic memory system. 2,832,064, 4-22-58, Cl. 340-174.
- Lubkin, Samuel, to Underwood Corp. Timing device. 2,835,807, 5-20-58, Cl. 250-27.
- Lubkin, Samuel, to Underwood Corp. Error detection system. 2,854,653, 9-30-58, Cl. 340-173.
- Lubkin, Samuel, to Underwood Corp. Pulse shaper. 2,856,525, 10-14-58, Cl. 250-27.
- Lubkin, Samuel, and L. R. Mock, to Underwood Corp. Adjustable heads for a magnetic record drum. 2,827,355, 3-18-58, Cl. 346-74.
- Lubkin, Samuel, and L. R. Mock, to Underwood Corp. Magnetic tape drive mechanism. 2,854,198, 9-30-58, Cl. 242-55.12.
- Lubkin, Samuel, and E. D. Schreiner, to Underwood Corp. Magnetic tape processor. 2,854,624, 9-30-58, Cl. 324-34.
- Luboshez, Benjamin E., to Eastman Kodak Co. Prism-lens optical systems of variable focal length and including two anamorphic prismatic systems. 2,828,670, 4-1-58, Cl. 88-57.
- Luboshez, Benjamin E., to Eastman Kodak Co. Prism magnification systems comprising three or more prisms. 2,843,015, 7-15-58, Cl. 88-57.
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- Lubow, Raymond. Audio reproduction apparatus. 2,837,597, 6-3-58, Cl. 179-1.
- Lubowe, Irwin I. Solubilizing of mineral, vegetable, animal oils for cosmetic, pharmaceutical and industrial purposes. 2,865,859, 12-23-58, Cl. 252-6.
- Lubowitz, Hyman R., and E. G. La Roe, to National Distillers and Chemical Corp. Fumaric acid fermentation process. 2,861,922, 11-25-58, Cl. 195-36.
- Lubrizol Corp.: *See*—
- Butler, Thomas A. 2,861,907.
- Goldsmith, Fred C. 2,838,555.
- Goldsmith, Fred C. 2,862,947.
- Higgins, William A., and Hopkins. 2,858,327.
- Le Suer, William M. 2,820,723.
- Le Suer, William M. 2,835,688.
- Prutton, Carl F. 2,843,634.
- Vogel, Paul W. 2,822,374.
- Wierber, Emil T. 2,827,434.
- Lubszynski, Hans G.: *See*—
- McGee, James D., Lubszynski, and Webley. 2,820,921.
- Lubszynski, Hans G., to Electric & Musical Industries Ltd. Manufacture of evaporated layers. 2,829,074, 4-1-58, Cl. 117-201.
- Lucanera, Constantino: *See*—
- Pickles, Adams, and Lucanera. 2,836,820.
- Lucas, Chester H., to William Gegenheimer Co., Inc. Planographic dampening apparatus. 2,851,948, 9-16-58, Cl. 101-148.
- Lucas, Don D. Portable barbecue. 2,844,139, 7-22-58, Cl. 126-30.
- Lucas, Glennard R., to General Electric Co. Vulcanization of silicone rubber. 2,838,472, 6-10-58, Cl. 260-46.5.
- Lucas, James W. Projection device adapted to receive projected images. 2,859,660, 11-11-58, Cl. 88-24.
- Lucas, Jessie L., and B. J. Armstrong, to The Dow Chemical Co. Diaphragm type electrolytic cell. 2,858,263, 10-28-58, Cl. 204-256.
- Lucas, John H.: *See*—
- Simmonds, Wayne W., and A. J. 2,838,283.
- Simmonds, Wayne W., and Lucas. 2,848,196.
- Simmonds, Wayne W., and Lucas. 2,852,992.
- Lucas, Joseph E., to De Long Corp. Off-shore drilling barge. 2,841,961, 7-8-58, Cl. 61-46.5.
- Lucas, Joseph E. Cable type gripping device for caissons or pilings and method. 2,858,105, 10-28-58, Cl. 254-107.
- Lucas, Joseph E. Leakproof pressure sealed valves. 2,865,597, 12-23-58, Cl. 251-187.
- Lucas, Joseph H. M.: *See*—
- Scolari, Marcello, and Lucas. 2,831,124.
- Lucas, Joseph, (Industries) Ltd.: *See*—
- Bottoms, Charles H. 2,859,761.
- Clarke, John S. 2,825,398.
- Clarke, John S., Jackson, and Hudson. 2,821,066.
- Clarke, John S., Jackson, and Hudson. 2,833,115.
- Collins, Herbert H., and Ripper. 2,846,602.
- Downing, Eric W. 2,852,164.
- Harris, Thomas A., and Bottoms. 2,851,856.
- Jones, William E. 2,851,857.
- Lee, Denis E. 2,841,161.
- Parkes, Eric B. 2,832,982.
- Tooke, George S. 2,821,642.
- Young, John M. C., and Bottoms. 2,854,024.
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- Luce, Edward J., to Chamberlain Products Corp. Electrical fuse block. 2,851,671, 9-9-58, Cl. 339-150.
- Luchese, Jack, 50%, to S. J. Meyers. Boned, stuffed fowl and method of preparing same. 2,853,389, 9-23-58, Cl. 99-107.
- Luchsinger, Ernst, to Fibra A. G. Hand operated knitting machine. 2,837,903, 6-10-58, Cl. 66-60.
- Luchsinger, Ernst, to Fibra A. G. Hand operated knitting machine. 2,844,015, 7-22-58, Cl. 66-60.
- Lucht, Donald C. Vehicle safety restraint. 2,833,344, 5-6-58, Cl. 155-189.
- Lucht, Victor F., to United States of America, Army. Design for guns employing split chamber. 2,866,386, 12-30-58, Cl. 89-13.
- Luchterhand, Elmer. Snow vehicle with endless tread propelling device. 2,846,017, 8-5-58, Cl. 180-8.
- Lucia, Carroll J.: *See*—
- McFarland, Forest R., Lucia, and De Lorean. 2,846,900.
- Lucia, Carroll J., to Studebaker-Packard Corp. Lubricated coupling. 2,854,265, 9-30-58, Cl. 287-87.
- Lucia, Carroll J., and J. Z. De Lorean, to Studebaker-Packard Corp. Regulator valve for transmission hydraulic control system. 2,824,632, 2-25-58, Cl. 192-3.2.
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- Lucia, Robert E., to The American Hardware Corp. Strike plate template. 2,862,302, 12-2-58, Cl. 33-197.
- Lucian, Arsene N. Vacuum cleaner. 2,863,525, 12-9-58, Cl. 183-37.
- Luciani, Arthur E., 10% to B. Wickland, 10% to D. V. Luciani, and 5% to E. Luciani. Combined shell extractor and indicator. 2,850,827, 9-9-58, Cl. 42-1.
- Luciani, Dante V.: *See*—
- Luciani, Arthur E. 2,850,827.
- Luciani, Elvira: *See*—
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- Lucien, René. Aircraft undercarriage. 2,849,199, 8-26-58, Cl. 244—104.
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- Lucien, Stanley. Hand operated grease gun. 2,858,962, 11-4-58, Cl. 222—82.
- Luck, Russell M.: See—
Gainer, Gordon C., and Luck. 2,821,507.
- Lucker, Millard B., C. R. Myers, and R. R. Zindler, to Lambert Brake Corp. Disc brake with combined self-adjuster and torque-absorption means. 2,854,097, 9-30-58, Cl. 188—72.
- Luckey, George W., J. M. Robinett, and A. B. Stiles, to E. I. du Pont de Nemours and Co. Synthesis of hydrogen cyanide with a combination catalyst body employing gauze and granular material. 2,831,752, 4-23-58, Cl. 23—151.
- Luckhardt, Johannes, deceased; W. J. F. Luckhardt, sole heir, to N. P. Martin, and O. L. Walter, trustees of Kappa trust. Article of repose for supporting the body of a person. 2,843,183, 7-15-58, Cl. 155—107.
- Luckhardt, Wassile J. F.: See—
Luckhardt, Johannes. 2,843,183.
- Luckhowec, John J.: See—
Hammesfahr, Frederic W., Hatch, and Luckhowec. 2,822,327.
- Luckhurst, Marie C. Coffee maker. 2,844,087, 7-22-58, Cl. 99—285.
- Luckman, George W.: See—
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- Lucey, William F. G., to Orenda Engines Ltd. Milling machine. 2,841,052, 7-1-58, Cl. 90—13.
- Ludeman, Clifford G., to Texaco Development Corp. Radiation detectors. 2,858,465, 10-28-58, Cl. 313—93.
- Ludeman, Oscar. Valve mechanism. 2,847,180, 8-12-58, Cl. 251—163.
- Ludin, Werner, and F. Bion, to L. von Roll, A. G. Process for drying slime, particularly foul slime, and plant for executing the said process. 2,823,742, 2-18-58, Cl. 159—24.
- Ludington, Samuel G.: See—
DeLong, Chancey E., Hunt, and Ludington. 2,838,801.
- Ludlow Valve Mfg. Co., Inc.: The: See—
Cummings, Richard A. 2,866,658.
- Ludowici, Johann W. Combination motor vehicles. 2,822,055, 2-4-58, Cl. 180—1.
- Ludvigson, Kurt B.: See—
Groms, Karl G. A., and Ludvigson. 2,855,617.
- Ludwig, Adolf: See—
Binder, Richard, and Ludwig. 2,846,040.
- Ludwig, Frederic G. Roller board device. 2,829,891, 4-8-58, Cl. 272—1.
- Ludwig, Frederic G. Roller board device. 2,829,892, 4-8-58, Cl. 272—1.
- Ludwig, Louis. Locking device for wiring elements. 2,854,501, 9-30-58, Cl. 174—53.
- Ludwig, Mathilde: See—
Ludwig, Richard and M., Halle, and Legrand. 2,865,919.
- Ludwig, Milton, and D. B. Willmer, to California Research Corp. Catalyst unit and gas distributor. 2,843,592, 7-15-58, Cl. 23—288.
- Ludwig, Richard, deceased; by M. Ludwig, executrix, F. Halle, and K. Legrand, to Farbenfabriken Bayer Akt. Production of hexamethylenetetramine. 2,865,919, 12-23-58, Cl. 260—248.6.
- Luecke, William G.: See—
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- Luedeman, Robert T., to Daystrom, Inc. Treating sapphire objects of irregular shapes. 2,854,794, 10-7-58, Cl. 49—77.
- Luedeman, Robert T., to Daystrom, Inc. Composite brazing material. 2,862,844, 12-2-58, Cl. 148—24.
- Luehrs, Hans J., to C. B. Cottrell & Sons Co. Throw-offs for rotary printing presses. 2,836,116, 5-27-58, Cl. 101—182.
- Luenberger, Frederick O., to U. S. Electrical Motors, Inc. Seal structure for submersible apparatus. 2,819,101, 1-7-58, Cl. 286—11.
- Luenberger, Frederick O., to U. S. Electrical Motors, Inc. Ventilated electric motor. 2,825,827, 3-4-58, Cl. 310—60.
- Luenberger, Frederick O., to U. S. Electrical Motors, Inc. System for cooling lubricant. 2,836,471, 5-27-58, Cl. 308—77.
- Luettringhaus, Arthur, and U. Schmidt. Pyruvic acid-3-(p-methoxy phenyl)-1,2-dithiol-5-one azine. 2,846,444, 8-5-58, Cl. 260—327.
- Lufkin, Paul M., to Radio Corp. of America. Raster distortion correction. 2,842,709, 7-8-58, Cl. 315—24.
- Lufkin, Paul M., and C. C. Iden, to Radio Corp. of America. Cathode ray tube deflection and high voltage apparatus. 2,825,849, 3-4-58, Cl. 315—27.
- Lufkin Rule Co.: The: See—
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- Luft, Philip H., to Westinghouse Air Brake Co. Coded track circuit railway signaling system. 2,826,685, 3-11-58, Cl. 246—34.
- Luftman, Alvin S., and E. R. Roswell, to Raytheon Mfg. Co. Diathermy power controls. 2,823,678, 2-18-58, Cl. 128—422.
- Luftman, Alvin S., J. T. Goodway, and C. H. Peterson, to Raytheon Mfg. Co. Autotransformer voltage regulator. 2,839,718, 6-17-58, Cl. 323—43.5.
- Lugash, Max J. Load elevator for motor trucks. 2,837,227, 6-3-58, Cl. 214—77.
- Lugert, John J.: See—
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- Luggar, Geoffrey K.: See—
Hayward, George E., and Luggar. 2,822,582.
- Luginbühl, Pierre, to Schweizerische Industrie-Gesellschaft. Straightening-out and aligning of articles. 2,848,096, 8-19-58, Cl. 198—30.
- Lugt, John S., to John S. Lugt Corp. Simultaneous viewing and communication system. 2,842,618, 7-8-58, Cl. 179—1.
- Lugt, John S., Corp.: See—
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- Luhdorff, Frederick H., S. H. Creed, and S. Puccinelli, to Food Machinery and Chemical Corp. Feeder for pear peeler. 2,827,937, 3-25-58, Cl. 146—51.
- Luhn, Hans P., to International Business Machines Corp. Card synchronized timing unit. 2,831,634, 4-22-58, Cl. 235—61.11.
- Luhn, Hans P., to International Business Machines Corp. Polarized relay. 2,832,867, 4-29-58, Cl. 200—93.
- Luhn, Hans P., to International Business Machines Corp. Magnetic storage device. 2,842,754, 7-8-58, Cl. 340—174.
- Luhn, Hans P., to International Business Machines Corp. Impression adjuster for typewriters. 2,856,052, 10-14-58, Cl. 197—17.
- Lühr, Heinrich. Filter set for dust-filter-plants. 2,845,140, 7-29-58, Cl. 183—54.
- Luhrs, Gilbert W., to Sears, Roebuck and Co. Locking means for swivel chair. 2,855,982, 10-14-58, Cl. 155—95.
- Lukala, Eino J. Folding play-yard. 2,851,701, 9-16-58, Cl. 5—99.
- Lukan, Robert M. Can cutter. 2,832,134, 4-29-58, Cl. 30—16.
- Lukas & Associates: See—
Kazmi, Mir A. 2,829,058.
- Luke, Clark. Visual cargo shifting indicator. 2,839,022, 6-17-58, Cl. 116—114.
- Luke, Oren V., Jr., M. O. Robeson, and W. E. Taylor, to Celanese Corp. of America. Production of ketene. 2,820,058, 1-14-58, Cl. 260—585.5.
- Luke, Oren V., Jr., G. B. Ulvild, and J. S. MacKenzie, to Celanese Corp. of America. Recovery of methyl ethyl ketone. 2,862,853, 12-2-58, Cl. 202—39.5.
- Lukens, David L., to McLaney Mfg. Corp. Coin controlled lock. 2,818,956, 1-7-58, Cl. 194—78.
- Lukens Steel Co.: See—
Althouse, Joseph G. 2,853,379.
- Freyberger, Donald L. 2,843,922.
- Jensen, Niels H., and Johnson. 2,824,576.
- Johnson, Howard R., and Boyer. 2,824,950.
- McGibbon, Verdun R., Taylor, Bernard, and Freyberger. 2,827,430.
- Lukes, George E.: See—
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- Lukes, George E., and J. T. Rabatin, to Stauffer Chemical Co. Manufacture of thiophosgene and alpha-halosulfides. 2,861,103, 11-18-58, Cl. 260—543.
- Lukes, James J.: *See—*
- Montgomery, Robert N., and Lukes. 2,829,180.
- Richards, Roger G., and Lukes. 2,833,754.
- Lukes, Robert M., and G. I. Poos, to Merck & Co., Inc. Dodecahydrophenanthrene compounds and processes for preparing the same. 2,862,004, 11-25-58, Cl. 260—340.9.
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- Lukman, John C., and O. G. Lowe, to Celanese Corp. of America. Production of polyvinyl alcohol. 2,862,916, 12-2-58, Cl. 260—91.3.
- Lukoff, Hermann, to Sperry Rand Corp. Peak amplitude indicator. 2,834,883, 5-13-58, Cl. 250—27.
- Luks, Daniel W., to Frenchtown Porcelain Co. Method of soft soldering to non-metallic refractory bodies. 2,848,802, 8-26-58, Cl. 29—472.7.
- Luks, Daniel W., and J. Powell, to Frenchtown Porcelain Co. Coated non-metallic refractory bodies, composition for coating such bodies, and method for bonding such bodies by means of said composition. 2,857,664, 10-28-58, Cl. 29—473.1.
- Lula, Remus A., to Allegheny Ludlum Steel Corp. Martensitic steel for high temperature application. 2,853,410, 9-23-58, Cl. 148—31.
- Lumb, Warren G.: *See—*
- Oyston, Harold J., and Lumb. 2,843,129.
- Luminator Harrison Inc.: *See—*
- Williams, Leo L. 2,825,121.
- Luminous Ceilings, Inc.: *See—*
- Castagnoli, Nildo, and Segil. 2,821,289.
- Lummus Co., The: *See—*
- Evans, George W., Jr., and Worn. 2,848,197.
- Mekler, Valentine. 2,846,361.
- Schutte, August H. 2,846,373.
- Schutte, August H. 2,855,361.
- Worn, George A. 2,861,873.
- Lumms Cotton Gin Co.: *See—*
- Vandergriff, Arvel L., and Pease. 2,862,247.
- Van Doorn, Donald W. 2,834,061.
- Lumms, James L.: *See—*
- Davis, Robert W., and Lumms. 2,842,338.
- Lumms, James L., R. P. Murphy, Jr., and P. P. Scott, Jr., to Pan American Petroleum Corp. Process for recovering lost circulation. 2,846,390, 8-5-58, Cl. 252—8.5.
- Lumoprint Zindler K. G.: *See—*
- Limberger, Walter. 2,851,643.
- Lunardini, Walter H.: *See—*
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- Lund, Alvin O., and W. M. Ostrander, to Westinghouse Electric Corp. Electrical stopping of motive devices. 2,857,986, 10-28-58, Cl. 187—29.
- Lund, Arthur D., to The Electric Storage Battery Co. Storage battery grid pasting machine. 2,840,120, 6-24-58, Cl. 141—32.
- Lund, Dorothy M. Doll house. 2,847,267, 8-12-58, Cl. 312—310.
- Lund, Harold S., to A. O. Smith Corp. Variable electrode feed for consumable-electrode arc welding. 2,857,546, 10-21-58, Cl. 314—69.
- Lund, James K., and E. J. Kraft, to The Dole Valve Co. Flush tank float valve. 2,827,072, 3-18-58, Cl. 137—414.
- Lund, Ole B. Ice cube dispensers. 2,859,009, 11-4-58, Cl. 249—45.
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- Eldredge, Robert C. 2,849,238.
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- Ensign, George G., Soper, and Lundahl. 2,865,163.
- Lundberg, Edgar A., and W. A. Spielmann, to The Tablet & Ticket Co. Illuminated display device. 2,825,164, 3-4-58, Cl. 40—135.
- Lundberg, Eric. Ski boot fitting device. 2,822,613, 2-11-58, Cl. 33—3.
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- Gibson, John W., and Lundberg. 2,842,500.
- Lundberg, Kurt H. F., to Urquhart's (1926) Ltd. Flow control valves. 2,862,685, 12-2-58, Cl. 251—305.
- Lundberg, Lennart A., to American Cyanamid Co. Flame-resistant polyester resinous compositions containing combined halogens and phosphorus and process of preparation. 2,819,247, 1-7-58, Cl. 260—45.4.
- Lundberg, Lennart A., to American Cyanamid Co. Polymerizable unsaturated polyester resin compositions containing small amounts of certain saturated alkyl resins and process of preparing the same. 2,856,378, 10-14-58, Cl. 260—31.6.
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- Lunde, Einar O., to Magor Car Corp. Railway car dump valve. 2,859,774, 11-11-58, Cl. 137—620.
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- Lundelius, Gus R. 2,833,375.
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- Lundell, Arnold W., to Globe Slicing Machine Co., Inc. End weight for slicing machine. 2,822,011, 2-4-58, Cl. 146—102.
- Lundell, Vernon J. Hoist. 2,836,460, 5-27-58, Cl. 298—22.
- Lundell, Vernon J. Hay chopper. 2,864,223, 12-16-58, Cl. 56—1.
- Lundgren, Karl I., and K. M. Nordfors, to Atlas Copco Aktiebolag. Tools having a pressure fluid driven rotary motor. 2,855,671, 10-14-58, Cl. 32—26.
- Lundius, Alton H., to General Motors Corp. Feed control mechanism. 2,861,399, 11-25-58, Cl. 51—103.
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- Lundkvist, Karl A., to Telefonaktiebolaget L M Ericsson. Coin boxes. 2,848,542, 8-19-58, Cl. 179—6.3.
- Lundkvist, Karl A., E. A. Wiberg, and A. K. Dietsch, to Telefonaktiebolaget L M Ericsson. Indicating device for cross bar switches. 2,842,621, 7-8-58, Cl. 179—27.54.
- Lundman, Gustaf G.: *See—*
- Hedback, Tore J., and Lundman. 2,823,650.
- Lundquist, Hjalmar T.: *See—*
- Tolbert, Ralph D., Jr., Bacino, and Lundquist. 2,857,076.
- Lundquist, Ingemar: *See—*
- Landin, Nils R., and Lundquist. 2,865,314.
- Lundquist, Wilton G., to Curtiss-Wright Corp. Gas turbine engine with air flow modulating means. 2,850,226, 9-2-58, Cl. 230—114.
- Lundqvist, Harald O. Wall bookshelves. 2,844,260, 7-22-58, Cl. 211—90.
- Lundry, Walter R., to Bell Telephone Laboratories, Inc. Delay equalizer network. 2,852,751, 9-16-58, Cl. 333—28.
- Lundry, Walter R., to Bell Telephone Laboratories, Inc. Delay network. 2,859,414, 11-4-58, Cl. 333—29.
- Lundsager, Christian B., to E. I. du Pont de Nemours and Co. Thermoplastic film-metal-laminated structure and process. 2,861,022, 11-18-58, Cl. 154—129.
- Lundsted, Lester G., to Wyandotte Chemicals Corp. Catalyst. 2,855,370, 10-7-58, Cl. 252—457.
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- Luneau, John R., and C. H. H. Unruh, to Inland Motor Corp. Torquer. 2,861,203, 11-18-58, Cl. 310—40.
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- Lung, Kenneth R., to The Tait Mfg. Co. Hot and cold water unit with jet pump. 2,827,912, 3-25-58, Cl. 137—209.
- Lung, Kenneth R., to The Tait Mfg. Co. Pumps. 2,836,124, 5-27-58, Cl. 103—103.
- Lung, Kenneth R., to The Tait Mfg. Co. Pumps. 2,851,956, 9-16-58, Cl. 103—111.
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- Lung, Kenneth R., to The Tait Mfg. Co. Gas separating and pumping devices. 2,857,081, 10-21-58, Cl. 222—255.
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- Luning, George A., to International Business Machines Corp. Stacker arrangement. 2,822,171, 2-4-58, Cl. 271—71.
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- Lunn, Edward O. Rotary-ring debarker having cable-biased springy-blade scrapers. 2,813,168, 7-15-58, Cl. 144—208.
- Lunn, Richard T., to A. C. E. Machinery Ltd. Power-operated hoists. 2,848,129, 8-19-58, Cl. 214—740.
- Lunn, Robert J., and F. A. Donaldson, Jr., to Donaldson Co., Inc. Air cleaner. 2,822,059, 2-4-58, Cl. 183—70.
- Lunsford, Carl D., to A. H. Robins Co., Inc. Esters of 3-pyrrolidines. 2,830,997, 4-15-58, Cl. 260—326.5.
- Lunsford, Carl D., to A. H. Robins Co., Inc. Esters of amino alcohols. 2,838,521, 6-10-58, Cl. 260—326.3.
- Lunsford, Walter P. Pressure loss tire signal. 2,858,791, 11-4-58, Cl. 116—34.
- Luntz, James K.: *See—*
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- Luoma, Aarne A., to Worthington Corp. Shut down mechanism. 2,855,942, 10-14-58, Cl. 137—37.
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- Lupfer, Dale E., and D. M. Vesper, to Phillips Petroleum Co. Vaporizer. 2,826,180, 3-11-58, Cl. 122—4.
- Lupfer, Dale E., D. A. Fluegel, and E. Guenther, to Phillips Petroleum Co. Electrical measuring apparatus. 2,826,738, 3-11-58, Cl. 324—61.
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- Lupo, Joseph. Tumbling barrels and screens therefor. 2,843,979, 7-22-58, Cl. 51—164.

- Luppold, George W., to T. J. Caveney. Silk screen printing apparatus. 2,864,308, 12-16-58, Cl. 101-124.
- Lupu, Michael N., to General Electric Co. Retractable cord mechanism. 2,820,112, 1-14-58, Cl. 191-12.2.
- Lurgi Gesellschaft fuer waermetechnik m. b. H.: See—Rottig, Walter. 2,821,537.
- Lurie, William B.: See—Gordon, Alexander, Jr., and Lurie. 2,832,038.
- Lurk, Hans J., and H. Skawski, to Siemens & Halske Aktiengesellschaft. Testing circuit arrangements for signaling systems. 2,819,846, 1-7-58, Cl. 179-18.
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- Lüscher, Emil, and H. P. Sieber, to Lonza Electric and Chemical Works Ltd. Manufacture of acrylonitrile. 2,838,560, 6-10-58, Cl. 260-465.3.
- Lüscher, Paul. Apparatus for the electric heating-up of food-warming plates. 2,831,098, 4-15-58, Cl. 219-19.
- Luse, Donald P., Jr., and J. H. Milbourn, to ACF Industries, Inc. Fire simulator. 2,850,615, 9-2-58, Cl. 219-39.
- Lush, Morley J. Electrodynamometer. 2,843,825, 7-15-58, Cl. 324-144.
- Lusk, Jack B.: See—Price, George B. 2,855,687.
- Lusk, Robert J.: See—McConnell, Howard M., and Lusk. 2,864,037.
- Luskin, Leo S.: See—De Benneville, Peter L., and Luskin. 2,831,858.
- Luskin, Leo S., and P. L. de Benneville, to Rohm & Haas Co. Novel vinyloxyalkylamidionitriles polymers thereof and their production. 2,833,751, 5-6-58, Cl. 260-85.5.
- Lusser, Robert. Device for demonstrating mathematical probability. 2,838,851, 6-17-58, Cl. 35-30.
- Lussier, Alphonse. Electric hair cutter and dry shaver. 2,819,518, 1-14-58, Cl. 30-43.
- Lussier, Alphonse. Reciprocating electric shaver having multiple shearing surfaces on outer and inner cutters. 2,838,836, 6-17-58, Cl. 30-41.
- Lusser, Maurice H. Paint-applying device. 2,824,325, 2-25-58, Cl. 15-132.5.
- Lust, Calvin H. Root crop harvesting machine. 2,833,357, 5-6-58, Cl. 171-37.
- Lust, Calvin H. Harvesting machine for row grown table vegetables. 2,833,358, 5-6-58, Cl. 171-37.
- Lustig, Howard E., to Sperry Rand Corp. Ford Instrument Co. Division. Potentiometer loading compensator. 2,862,176, 11-25-58, Cl. 323-74.
- Lustig, William J. Dial tip for automatic telephones. 2,857,474, 10-21-58, Cl. 179-90.
- Lustrik, Peter, to Lustrik Tool Co. Tool post and holder. 2,848,918, 8-26-58, Cl. 82-36.
- Lustrik Tool Co.: See—Lustrik, Peter. 2,848,918.
- Lustwerk, Ferdinand: See—Neumann, Ernest P., and Lustwerk. 2,852,922.
- Lusum, Hubert J. Form carrier and form skeleton constructed therewith. 2,835,358, 5-20-58, Cl. 189-36.
- Luten, Daniel B., Jr., to Shell Development Co. Purification of bis(hydroxyaryl)-substituted compounds. 2,845,464, 7-29-58, Cl. 260-619.
- Luteric, Marcellus C., to Diced Cream of America Co. Removable plunger arrangement. 2,819,934, 1-14-58, Cl. 309-2.
- Lutes, Harold R., to Comco Corp. Stereoscopic projector and polarizing filter combination. 2,845,843, 8-5-58, Cl. 88-26.
- Lutes, Harold R. Means and method for mounting stereoscopic transparencies. 2,853,792, 9-30-58, Cl. 33-184.5.
- Lutes, William L.: See—De Long, William T., and Lutes. 2,855,660.
- Luth, Robert C., to Signode Steel Strapping Co. Strap dispenser. 2,844,334, 7-22-58, Cl. 242-128.
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- Luther, Arch C., Jr., to Radio Corp. of America. Bar signal generator. 2,824,225, 2-18-58, Cl. 250-27.
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- Luther, Arch C., Jr., to Radio Corp. of America. Switching apparatus. 2,829,198, 4-1-58, Cl. 178-7.3.
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- Luther, Arch C., Jr., to Radio Corp. of America. Shading voltage generators. 2,845,486, 7-29-58, Cl. 178-7.2.
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- Luther, Arch C., Jr., to Radio Corp. of America. Stabilized cathode-coupled multivibrator. 2,858,427, 10-28-58, Cl. 250-27.
- Luther, Arch C., Jr., to Radio Corp. of America. Feedback clamping circuit arrangements. 2,863,943, 12-9-58, Cl. 178-7.3.
- Luther, Herbert G.: See—De Zeeuw, John R., Luther, and Sauer. 2,853,384.
- Luther, Lee I.: See—Chulack, William J., and Luther. 2,847,207.
- Luther, Paul E. Apparatus and method for filling containers with liquid. 2,837,127, 6-3-58, Cl. 141-12.
- Luther, Stephen G., to Midwest Rubber Reclaiming Co. Pad. 2,858,988, 11-4-58, Cl. 238-283.
- Luther, Stephen G., Jr., to Reynolds Metals Co. Method of expanding pressure welded passageway panels to precise thickness. 2,857,658, 10-28-58, Cl. 29-157.3.
- Luther, William F.: See—Claiborne, Jefferson L., and Luther. 2,834,860.
- Luther, William P.: See—Barrows, Howard E., and Luther. 2,844,176.
- Luthi, Robert. Positive control variable speed gear reduction unit. 2,825,244, 3-4-58, Cl. 74-750.
- Luthman, James J., and R. N. Roney, to The Sheffield Corp. Machine tool device. 2,858,652, 11-4-58, Cl. 51-267.
- Luthman, Paul A.: See—Starrett, James R., Luthman, and McConeghy. 2,854,809.
- Luthy, Raymond V.: See—Hill, Roger W., and Luthy. 2,837,581.
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- Lutts, Carlton G. Anchor chain stud link with cross made entirely of weld metal. 2,822,663, 2-11-58, Cl. 59-90.
- Lutz, Antonius J., to Staatsbedrijf der Posterijen Telegrafie en telefonie. Simplex radio telephone system. 2,858,420, 10-28-58, Cl. 250-6.
- Lutz, August H., and O. Schnider, to Hoffmann-La Roche, Inc. Alkyl-piperidones and process for the manufacture thereof. 2,845,431, 7-29-58, Cl. 260-297.
- Lutz, August H., and O. Schnider, to Hoffmann-La Roche Inc. Piperidine derivatives and preparation thereof. 2,853,490, 9-23-58, Cl. 260-294.7.
- Lutz, Eugene J., to Pioneer Suspender Co. Apparel belt. 2,827,214, 3-18-58, Cl. 224-5.
- Lutz, Friedrich, to Union Special Maschinenfabrik G. m. b. H. Sewing machine. 2,840,021, 6-24-58, Cl. 112-159.
- Lutz, Garson A.: See—McGraw, Leslie D., and Lutz. 2,848,399.
- Lutz, Garson A., and R. E. Sharpe, to Permchem Corp. Germicidally active soap containing silver salt of aromatic sulfonic acid. 2,864,769, 12-16-58, Cl. 252-107.
- Lutz, Harold J. Fish bait. 2,851,814, 9-16-58, Cl. 43-42.15.
- Lutz, Ivan C.: See—Leavitt, Minard A., and Lutz. 2,846,523.
- Lutz, John O., to Wilkening Mfg. Co. Piston ring expander and method of forming same. 2,854,301, 9-30-58, Cl. 309-40.
- Lutz, Karl, and H. Hemmi, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Method of protecting cellulose fibers against microorganisms and fungi and the resulting product. 2,838,425, 6-10-58, Cl. 117-138.5.
- Lutz, Karlheinz: See—Scharstein, Ernst, Schwab, and Lutz. 2,836,786.
- Lutz, Mac W., W. W. Wolfe, and R. C. Johnson, to Superior Separator Co. Post driver attachment. 2,844,006, 7-22-58, Cl. 61-73.
- Lutz, Otto. Change speed gears. 2,862,407, 12-2-58, Cl. 74-796.
- Lutz, Reinhard E.: See—Lantz, Claude W., Cochran, and Lutz. 2,846,312.
- Lu Vent Corp.: See—Metzger, Thomas J. 2,820,994.
- Luvisi, George W., to National Aluminate Corp. Treatment of metal surfaces to increase the coefficient of friction. 2,819,681, 1-14-58, Cl. 104-1.
- Luvisi, John P.: See—Schmerling, Louis, and Luvisi. 2,860,161.
- Luvisi, John P., to Universal Oil Products Co. Alkylation of arylamines. 2,824,895, 2-25-58, Cl. 260-578.
- Lux Clock Mfg. Co., Inc. The: See—Lux, Paul A., and Niemand. 2,837,621.
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- Lux, Eugene J. Vending apparatus. 2,827,200, 3-18-58, Cl. 221-90.
- Lux, Eugene J. Coin-controlled vending apparatus. 2,847,103, 8-12-58, Cl. 194-61.
- Lux, Eugene J. Vending machines. 2,851,189, 9-9-58, Cl. 221-93.
- Lux, James H., and M. N. Gallup. Inflatable closure sealing and retaining means. 2,825,941, 3-11-58, Cl. 20-69.
- Lux, John H., to Shea Chemical Corp. Ruminant feed ingredient. 2,840,473, 6-24-58, Cl. 99-2.
- Lux, John H., and K. Parker, to Witco Chemical Co. Polyvalent metal mono and dicarboxylic acid soap thickened lubricating oil. 2,859,179, 11-4-58, Cl. 252-35.
- Lux, Paul A., and E. Niemand, to The Lux Clock Mfg. Co., Inc. Range control mechanisms. 2,837,621, 6-3-58, Cl. 219-20.
- Lux, Russell E., and A. M. Brubaker, to Whitmoyer Laboratories, Inc. Substituted pyrimidines compositions for chemotherapy of coccidiosis. 2,823,160, 2-11-58, Cl. 167-53.1.
- Lux, Russell E., and A. M. Brubaker, to Whitmoyer Laboratories, Inc. Substituted triazine compositions for chemotherapy of coccidiosis. 2,823,161, 2-11-58, Cl. 167-53.1.
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Hauk, Aloysius J., Kusko, and Luy. 2,825,865.
- Luzynski, Anthony J. Antiknock fitting. 2,829,669, 4-8-58, Cl. 137-533.21.
- Ly, Thassens. Pliers-type wrench with cam-operated sliding jaw. 2,836,999, 6-3-58, Cl. 81-361.
- Lyall, Charles J. Combination water heater and softener. 2,861,689, 11-25-58, Cl. 210-175.
- Lybarger, Nile R. Adjustable door jambs. 2,834,066, 5-13-58, Cl. 20-12.
- Lybarger, Samuel F.: *See*—
Barron, Fred E., and Lybarger. 2,845,497.
- Lyben, Raymond G., to Ethyl Corp. Antiknock compositions. 2,849,302, 8-26-58, Cl. 44-69.
- Lyben, Raymond G., to Ethyl Corp. Antiknock compositions. 2,849,303, 8-26-58, Cl. 44-69.
- Lyben, Raymond G., to Ethyl Corp. Antiknock compositions. 2,849,304, 8-26-58, Cl. 44-69.
- Lyburn, Eric F. St. John, to M. S. Lyburn. Cabinet for therapeutic treatment. 2,821,982, 2-4-58, Cl. 128-371.
- Lyburn, Marguerite S.: *See*—
Lyburn, Eric F. S. 2,821,982.
- Lydard, Martin L., to Eastern Products Corp. Acoustical ceiling structure. 2,866,233, 12-30-58, Cl. 20-4.
- Lyden, Frank J. Combined drop and flush oilers. 2,837,174, 6-3-58, Cl. 184-81.
- Lyden, Frank J. Air line oilers. 2,865,469, 12-23-58, Cl. 184-55.
- Lydersen, Aksel L.: *See*—
Hougen, Olaf A., and Lydersen. 2,862,819.
- Lydon, Martin P., to Continental Can Co., Inc. Metal lid lifter with presser shoe. 2,860,533, 11-18-58, Cl. 81-346.
- Lydon, Richard M.: *See*—
Ersikine, Archibald M., Nygard, and Lydon. 2,846,349.
- Lyeth, John M. R., Jr. Vehicle differential with cumulative torque resistance. 2,821,096, 1-28-58, Cl. 74-711.
- Lykes, Norman R. Spinning toys. 2,857,163, 10-21-58, Cl. 273-108.
- Lykins, Herman F.: *See*—
Guest, Howard R., Stansbury, and Lykins. 2,820,821.
- Lykken, Henry G. and W. H., to The Microcyclomat Co. Self-classifying pulverizer. 2,821,344, 1-28-58, Cl. 241-5.
- Lykken, William H.: *See*—
Lykken, Henry G. and W. H. 2,821,344.
- Lyle, Charles F., to Bell Telephone Laboratories, Inc. Antenna. 2,820,964, 1-21-58, Cl. 343-708.
- Lyle, Robert A., to Sylvania Electric Products Inc. Top mold unplucker. 2,864,205, 12-16-58, Cl. 49-66.
- Lyles, John M., to P. P. Scaglia, and 1/2 to H. G. Parrott. Cuff guard. 2,819,469, 1-14-58, Cl. 2-60.
- Lyman, George W., to Reed Rolled Thread Die Co. Device for rolling teeth. 2,819,632, 1-14-58, Cl. 80-16.
- Lyman, Harley T.: *See*—
Deer, James W., and Lyman. 2,863,014.
- Lyman, Harold T., to Aladdin Industries, Inc. Wide range radio frequency tuner. 2,832,891, 4-29-58, Cl. 250-40.
- Lyman, Harold T., to Aladdin Industries, Inc. Wide range radio frequency tuner. 2,860,248, 11-11-58, Cl. 250-40.
- Lyman, Harold T., and F. G. Mason, to Aladdin Industries, Inc. Wide range radio frequency tuner. 2,850,632, 9-2-58, Cl. 250-40.
- Lyman, Harold T., and H. J. Yanosik, to Aladdin Industries, Inc. Method of photographically printing conductive metallic patterns. 2,854,386, 9-30-58, Cl. 204-15.
- Lyman, Harold T., and F. G. Mason, to Aladdin Industries, Inc. Wide range tuner for high radio frequencies. 2,855,516, 10-7-58, Cl. 250-40.
- Lyman, Harold T., and L. E. Hill, to Aladdin Industries, Inc. Radio-frequency tuning device. 2,863,129, 12-2-58, Cl. 336-75.
- Lyman, Homer F. Dishwashing machine rinsing apparatus. 2,842,144, 7-8-58, Cl. 134-57.
- Lyman, Joseph, to Aero-Nautical Boat Shop, Inc. Water craft. 2,858,788, 11-4-58, Cl. 114-39.
- Lyman, Joseph, to Aero-Nautical Boat Shop, Inc. Method and apparatus for producing structural elements of glass fiber reinforced plastics. 2,858,875, 11-4-58, Cl. 154-17.
- Lyman, Richard C.: *See*—
Van Nice, Robert I., and Lyman. 2,824,698.
- Lymburner, Douglas H.: *See*—
Northcote, John A., and Lymburner. 2,821,432.
- Lynam, Richard H. Holder to facilitate cleaning glass plates for photographic slides. 2,849,744, 9-2-58, Cl. 15-268.
- Lynch, Addison H.: *See*—
Bradshaw, William H., Lynch, and Shaw. 2,858,304.
- Lynch, Charles S.: *See*—
Corner, Eugene S., and Lynch. 2,824,149.
- Lynch Corp.: *See*—
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- Hendricks, Alvin F., and Wiley. 2,819,576.
- Koob, Bernard H. 2,834,154.
- Larison, Harold E. 2,823,698.
- Larison, Harold E. 2,846,818.
- Taggart, Robert E., and Travis. 2,822,652.
- Lynch, Donald W. Detent mechanism. 2,829,536, 4-8-58, Cl. 74-527.
- Lynch, Edward E., and J. J. Larew, to General Electric Co. Electric power control system. 2,824,240, 2-18-58, Cl. 307-57.
- Lynch, Edward H.: *See*—
Sieg, Robert P., Lynch, and Horn. 2,831,041.
- Lynch, George J., to Mycalex Electronics Corp. Switching mechanisms. 2,866,861, 12-30-58, Cl. 200-11.
- Lynch, Gordon R. Changeable price tags and holder therefor. 2,822,631, 2-11-58, Cl. 40-5.
- Lynch, John W., and F. H. Zeitz, Weeding device. 2,818,792, 1-7-58, Cl. 97-144.1.
- Lynch, Leslie S., Jr., to Rudo Associates. Automatic bread toasters. 2,844,089, 7-22-58, Cl. 99-329.
- Lynch, Maurice A., Jr., to Union Carbide Corp. Dimanganese decacarbonyl and process for producing the same. 2,825,631, 3-4-58, Cl. 23-203.
- Lynch, Robert E., to Columbia Broadcasting System, Inc. Gaseous discharge tube. 2,856,551, 10-14-58, Cl. 313-54.
- Lynch, Robert J., to Independent Lock Co. Door knob structure. 2,848,264, 8-19-58, Cl. 292-347.
- Lynch, Robert T., to Bell Telephone Laboratories, Inc. Cathodes for electron discharge devices. 2,822,499, 2-4-58, Cl. 313-346.
- Lynch, Robert T., and L. J. Speck, to Bell Telephone Laboratories, Inc. Method of forming an extruded cathode. 2,834,673, 5-13-58, Cl. 75-208.
- Lynch, Rona R.: *See*—
Roy, Robert, Jr. 2,827,138.
- Lynch, Vernon C. Fishing-rod reel. 2,836,921, 6-3-58, Cl. 43-21.
- Lynch, Walton D.: *See*—
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- Lynds, Lahmer: *See*—
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- Lynes, Arthur E.: *See*—
Senkowski, Alexander, and Lynes. 2,854,110.
- Lynes, John, to Lynes, Inc. Means for isolating, treating and testing a section of well formation. 2,824,612, 2-25-58, Cl. 166-187.
- Lynes, John, G. H. Allen, and J. D. Gardner, to Lynes, Inc. Locking assembly for treating and testing tools. 2,831,542, 4-22-58, Cl. 166-221.
- Lynes, Inc.: *See*—
Conover, George E. 2,831,541.
- Lynes, John. 2,824,612.
- Lynes, John, Allen, and Gardner. 2,831,542.
- Lyness, John S.: *See*—
Cleversey, Gerald W., and Lyness. 2,820,976.
- Lyndon, Vincent C., to Spark Mfg. Co. Scavenging filter. 2,834,472, 5-13-58, Cl. 210-314.
- Lynn, Allan D., to Bonnie Dog Food Co. Food container and vitamin packet combination. 2,863,778, 12-9-58, Cl. 99-182.
- Lynn, Arthur J.: *See*—
Alholm, Wayne I., Ballou, Lynn, Shanklin, and Stokes. 2,846,335.
- Lynn, Gordon E.: *See*—
Ringelman, John F., and Lynn. 2,862,197.
- Lynn, Gordon E., to the United States of America as represented by the Secretary of the Air Force. Stabilized magnetic oscillator. 2,821,570, 3-18-58, Cl. 250-36.
- Lynn, John W., to Union Carbide Corp. Esters of N,N-bis(2-cyanoethyl) carboxamic acids. 2,837,557, 6-3-58, Cl. 260-465.4.
- Lynn, John W., to Union Carbide Corp. Esters of N,N-bis(2-cyanoethyl) carboxamic acids. 2,837,558, 6-3-58, Cl. 260-465.4.
- Lynn, John W., to Union Carbide Corp. Production of 2-cyanoethoxyethanol. 2,851,479, 9-9-58, Cl. 260-465.6.
- Lynn, John W., to Union Carbide Corp. Synthesis of α -dimethyl- β -hydroxypropionaldehyde and α -hydroxy- β -dimethyl- γ -butyrolactone. 2,863,878, 12-9-58, Cl. 260-343.6.
- Lynn, Lawrence B.: *See*—
Hanna, Clinton R., and Lynn. 2,853,090.
- Hanna, Clinton R., and Lynn. 2,860,889.
- Hanna, Clinton R., and Lynn. 2,861,550.
- Lynn, Philip F.: *See*—
Fink, William C., Lynn, and Nordstrom. 2,864,678.
- Lynn, Ralph E., Jr.: *See*—
Kobe, Kenneth A., and Lynn. 2,830,102.
- Lynn, Robert O. L., Jr., and H. W. Mohrman, to Monsanto Chemical Co. Glucoside esters as suspending agents in vinyl halide polymerization process. 2,862,913, 12-2-58, Cl. 260-78.5.
- Lynn, Rodney S., to The Garrett Corp. Turbulator. 2,852,042, 9-16-58, Cl. 138-38.
- Lynn, Seymour: *See*—
Hermeling, Gilbert C., Jr., and Lynn. 2,835,798.
- Lynn, Scott, to The Dow Chemical Co. Separating method. 2,852,517, 9-16-58, Cl. 260-268.
- Lynott, John J.: *See*—
Johnson, Reynold B., Harker, Kean, and Lynott. 2,857,032.
- Lynott, John J., to International Business Machines Corp. Positioning device. 2,847,859, 8-19-58, Cl. 74-37.
- Lynsavage, Walter F., to Pittsburgh Corning Corp. Method of making dense-face, cellular vitreous bodies. 2,837,873, 6-10-58, Cl. 49-77.
- Lyon, Ashton M.: *See*—
Shukys, Julius G., and Lyon. 2,852,572.
- Lyon, Erwin L., Jr.: *See*—
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- Lyon, Florence N.: *See*—
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 Halahan, John, Aronson, and Lyon. 2,834,596.
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Lyon, Floyd A., and T. F. Aronson. Protective means for film mounts. 2,863,244, 12-9-58, Cl. 40-158.
Lyon, George A. Wheel cover. Re. 24,417, 1-14-58, Cl. 301-37.
Lyon, George A. Wheel cover. Re. 24,437, 2-25-58, Cl. 301-37.
Lyon, George A. Wheel cover. Re. 24,519, 8-12-58, Cl. 301-37.
Lyon, George A. Military rocket structure. 2,821,137, 1-28-58, Cl. 102-38.
Lyon, George A. Die. 2,821,156, 1-28-58, Cl. 113-49.
Lyon, George A. Wheel cover. 2,821,438, 1-28-58, Cl. 301-37.
Lyon, George A. Bomb hanger socket and method of making same. 2,822,461, 2-4-58, Cl. 219-93.
Lyon, George A. Air cooled wheel structure. 2,822,894, 2-11-58, Cl. 188-264.
Lyon, George A. Wheel structure. 2,823,955, 2-18-58, Cl. 301-37.
Lyon, George A. Wheel structure. 2,824,766, 2-25-58, Cl. 301-37.
Lyon, George A. Method of making wheel structures. 2,826,162, 3-11-58, Cl. 113-116.
Lyon, George A. Wheel cover. 2,826,458, 3-11-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,828,159, 3-25-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,828,160, 3-25-58, Cl. 301-37.
Lyon, George A. Sheet metal article with louvers. 2,828,838, 4-1-58, Cl. 188-264.
Lyon, George A. Wheel cover with air scoops. 2,828,839, 4-1-58, Cl. 188-264.
Lyon, George A. Wheel cover. 2,832,644, 4-29-58, Cl. 301-37.
Lyon, George A. Cold nosing of thin wall shells. 2,834,094, 5-13-58, Cl. 29-121.
Lyon, George A. Wheel cover. 2,834,637, 5-13-58, Cl. 301-37.
Lyon, George A. Rotary magazine gun. 2,835,171, 5-20-58, Cl. 89-13.
Lyon, George A. Wheel cover. 2,840,419, 6-24-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,840,420, 6-24-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,841,445, 7-1-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,842,403, 7-8-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,842,404, 7-8-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,842,405, 7-8-58, Cl. 301-37.
Lyon, George A. Apparatus for making wheel covers. 2,844,115, 7-22-58, Cl. 113-49.
Lyon, George A. Wheel cover. 2,844,410, 7-22-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,846,269, 8-5-58, Cl. 301-37.
Lyon, George A. Wheel structure. 2,847,096, 8-12-58, Cl. 188-264.
Lyon, George A. Wheel cover. 2,847,251, 8-12-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,847,252, 8-12-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,847,253, 8-12-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,847,254, 8-12-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,847,255, 8-12-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,847,256, 8-12-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,847,257, 8-12-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,848,277, 8-19-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,851,309, 9-9-58, Cl. 301-37.
Lyon, George A. Wheel structure. 2,857,002, 10-21-58, Cl. 188-264.
Lyon, George A. Wheel cover. 2,857,023, 10-21-58, Cl. 188-264.
Lyon, George A. Air circulation wheel structure. 2,857,024, 10-21-58, Cl. 188-264.
Lyon, George A. Wheel structure. 2,857,025, 10-21-58, Cl. 188-264.
Lyon, George A. Wheel cover. 2,857,206, 10-21-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,857,207, 10-21-58, Cl. 301-37.
Lyon, George A. Air cooled wheel structure. 2,857,208, 10-21-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,857,209, 10-21-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,857,210, 10-21-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,857,211, 10-21-58, Cl. 301-37.

Lyon, George A. Wheel cover. 2,858,164, 10-28-58, Cl. 301-37.
Lyon, George A. Exhaust pipe extension. 2,858,853, 11-4-58, Cl. 138-46.5.
Lyon, George A. Wheel cover. 2,860,012, 11-11-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,860,924, 11-18-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,860,925, 11-18-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,860,926, 11-18-58, Cl. 301-37.
Lyon, George A. Method of making wheel covers. 2,861,325, 11-25-58, Cl. 29-159.
Lyon, George A. Rocket structure. 2,862,447, 12-2-58, Cl. 102-49.
Lyon, George A. Wheel cover. 2,862,767, 12-2-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,862,768, 12-2-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,863,702, 12-9-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,864,470, 12-16-58, Cl. 188-264.
Lyon, George A. Wheel cover. 2,865,677, 12-23-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,865,678, 12-23-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,865,679, 12-23-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,865,680, 12-23-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,865,681, 12-23-58, Cl. 301-37.
Lyon, George A. Wheel cover. 2,865,682, 12-23-58, Cl. 301-37.
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Lyon, George A., Jr. Method of making tableware. 2,852,963, 9-23-58, Cl. 76-105.
Lyon, George A., Jr. Wheel structure. 2,855,077, 10-7-58, Cl. 188-264.
Lyon, George A., Jr., to Lyon Inc. Spring fastener. 2,860,813, 11-18-58, Cl. 220-59.
Lyon, George A., Jr., to Lyon Inc. Wheel cover. 2,860,922, 11-18-58, Cl. 301-37.
Lyon, George A., Jr., to Lyon Inc. Wheel cover. 2,860,923, 11-18-58, Cl. 301-37.
Lyon, Gilbert T.: *See—*
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 Lyon, George A., Jr. 2,860,923.
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Lyon, Leander L., and F. N. Melon slicing device. 2,824,588, 2-25-58, Cl. 146-160.
Lyon Metal Products, Inc.: *See—*
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Lyon, William B. Article storage and displaying mechanism. 2,836,303, 5-27-58, Cl. 211-1.5.
Lyon, William H.: *See—*
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Lyon, William H., to The Soundsciber Corp. Long playing tape recording apparatus. 2,845,495, 7-29-58, Cl. 179-100.2.
Lyon, William H., to The Soundsciber Corp. Head drum assembly for magnetic tape. 2,856,462, 10-14-58, Cl. 179-100.2.
Lyon, William H., to The Soundsciber Corp. Rotary magnetic transducer means having yieldable heads. 2,856,463, 10-14-58, Cl. 179-100.2.
Lyon, William H., and L. C. Thompson, to The Soundsciber Corp. Eraser for magnetically recorded bulk tape in roll form. 2,826,642, 3-11-58, Cl. 179-100.2.
Lyons, C. W.: *See—*
 Norris, Samuel B., Jr. 2,830,012.
Lyons, Everett L.: *See—*
 Bettoli, Phillip S., and Lyons. 2,822,085.
Lyons, Frank H., to E. L. Bruce Co. Quick setting cement. 2,827,385, 3-18-58, Cl. 106-90.
Lyons, Frank H., to E. L. Bruce Co. Method of producing cured wood veneer article. 2,830,004, 4-8-58, Cl. 154-132.
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Lyons, Harold D., to Phillips Petroleum Co. Neutralization process. 2,855,437, 10-7-58, Cl. 260-586.
Lyons J. & Co. Ltd.: *See—*
 White, Percy and Bowmer. 2,848,337.
Lyons, John F., to The Texas Co. Corrosion inhibiting method and composition. 2,836,499, 5-27-58, Cl. 106-14.
Lyons, John W., to Monsanto Chemical Co. Workability of clay soils. 2,864,717, 12-16-58, Cl. 106-287.
Lyons, John W., to Monsanto Chemical Co. Workability of clay soils. 2,864,718, 12-16-58, Cl. 106-287.

- Lyons, Joseph F., and P. R. Thomas, to The Texas Co. Metal N-acyl sarcosinate thickened lubricating oils. 2,841,555, 7-1-58, Cl. 252—33.3.
- Lyons, Joseph F., and N. R. Odell, to The Texas Co. Lubricating greases thickened with 3-N-arylcabamyl-2-hydroxy-1-naphthyleneazoarenes. 2,851,418, 9-9-58, Cl. 252—49.6.
- Lyons Knitwear Inc.: *See*—
Potteiger, Warren H. 2,820,224.
- Lyons, Lambert F., to Bendix Aviation Corp. Regulated power supply. 2,848,614, 8-19-58, Cl. 250—36.
- Lyons, Lee J. Railway axle journal bearing. 2,833,600, 5-6-58, Cl. 308—53.
- Lyons, Leonard L. III, and A. Hotchkiss, Jr., to California Metropolitan Industries, Inc. Portable clothes dryer. 2,850,810, 9-9-58, Cl. 34—163.
- Lyons, Richard B. Machine tool with rotatable headstock. 2,823,445, 2-18-58, Cl. 29—27.
- Lysedahl, Roland H. Adjustable mounting means for typewriters. 2,833,499, 5-6-58, Cl. 248—22.
- Lysek, Walter: *See*—
Reguly, Lewis J., Marshall, Coffman, and Lysek. 2,849,231.
- Lysen, Gustav G. Detachable rainshield for automobile windshields. 2,832,639, 4-29-58, Cl. 296—95.
- Lysert, Daniel W.: *See*—
Zeidler, Reinhold C., and Lysett. 2,840,208.
- Lyster, Thomas C.: *See*—
Wiesinger, Frederick C., and Lyster. 2,835,119.
- Lytle, Donald B.: *See*—
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- Lytle, Jack R.: *See*—
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- Lytle, Jackson K.: *See*—
Ross, Aylmer O. 2,846,377.
- Lytle, Walter J.: *See*—
Meier, Arthur P., and Lytle. 2,831,406.
- Lytollis, John: *See*—
Beek, Arnold H. W., Jackson, and Lytollis. 2,843,782.
- Lyttle, Douglas A., and R. H. Levin, to The Upjohn Co. 11 α -hydroxy-4,16-pregnadiene-3,20-dione and esters. 2,838,550, 6-10-58, Cl. 260—397.45.
- Lytton, Marion R., to American Viscose Corp. Method of producing all skin rayon. 2,840,449, 6-24-58, Cl. 18—54.
- Lytton, Marion R., to American Viscose Corp. Production of all skin rayon. 2,841,462, 7-1-58, Cl. 18—54.
- Lytton, Marion R., to American Viscose Corp. Producing all skin viscose rayon. 2,849,274, 8-26-58, Cl. 18—54.
- Lytton, Marion R., and G. F. Mueller, to American Viscose Corp. Method of producing viscose rayon. 2,845,327, 7-29-58, Cl. 18—54.
- M. & C. Conveyors, Inc.: *See*—
Campbell, Willard S. 2,857,040.
Campbell, Willard S. 2,857,058.
Edin, John D. 2,857,043.
- M & F Associates: *See*—
Moynihan, John J. 2,849,696.
- M. J. B. Co.: *See*—
Bardet, George V. 2,866,109.
- M & M Mfg. Co., The: *See*—
Morrow, William R., and Connally. 2,822,876.
- M-O Valve Co. Ltd., The: *See*—
Dutt, Trevor L. 2,819,425.
- Willshaw, William E. 2,831,148.
- M. R. M. Machinery Co., Inc.: *See*—
Manas, Herman D. 2,830,724.
- M. S. O. Maschinen- und Schleifmittelwerke Akt.: *See*—
Wolfe, Georg R. 2,865,151.
- M. S. P. (Luxiproducts) Ltd.: *See*—
Smith, Frederick T. 2,850,027.
- Ma, Si-hon. Mute for a stringed instrument. 2,863,350, 12-9-58, Cl. 84—310.
- Maag, Albert, to Meyer & Co. Bearing seals. 2,827,344, 3-18-58, Cl. 308—187.1.
- Maag, Ernst: *See*—
Kull, Fritz, Maag, and Steinmann. 2,864,922.
- Maag Gear-Wheel and Machine Co., Ltd.: *See*—
Graf, Willi. 2,850,851.
- Maas, Leonard A., to The Smith Bearing Co., Inc. Needle bearing assembly with sealing means. 2,838,349, 6-10-58, Cl. 308—187.2.
- Maass, Albert: *See*—
Hess, Hermann, and Maass. 2,860,389.
- Maass, Charles F., to Hoffman Electronics Corp. High-frequency radio transceiver. 2,866,089, 12-23-58, Cl. 250—13.
- Maass, Charles F., and J. D. Funderburg, to Hoffman Electronics Corp. Capacitively end tuned resonant line having inductive tracking trimmer mounted on capacitor rotor. 2,866,096, 12-23-58, Cl. 250—40.
- Maass, Franz, and A. Sturtzer, to Schloemann Aktiengesellschaft. Hydraulically operated ingot-shearing machines. 2,825,405, 3-4-58, Cl. 164—56.
- Maass, Herbert W., and R. W. Shoberg. Pitless well adaptors. 2,841,223, 7-1-58, Cl. 166—88.
- Maatschappij voor Kolenbewerking Stamicarbon N. V.: *See*—
Fontein, Freek J. 2,835,387.
- Maaz, Karl: *See*—
Kuhrt, Friedrich, and Maaz. 2,855,549.
- Mabery, Thomas L.: *See*—
Orr, Malcolm W., Jr., and Mabery. 2,827,551.
- Mabry, Curtis D.: *See*—
Gray, Norman A., and Mabry. 2,845,245.
- Mabry, Lloyd C., Jr.: *See*—
Myers, John W., and Mabry. 2,848,510.
Myers, John W., and Mabry. 2,851,400.
- Mac, Inc.: *See*—
McIntyre, Thomas W., and Smith. 2,851,838.
- MacAfee, James E.: *See*—
Burns, Robert J., and MacAfee. 2,831,313.
- Macaia, Emil G. Cutter and manipulator for making layer cakes. 2,863,479, 12-9-58, Cl. 146—72.
- Macaluso, Henry: *See*—
Pagdin, William G., Macaluso, and Bulat. 2,841,433.
- Macaluso, Michael, Jr. Metal bending hand tool. 2,852,971, 9-23-58, Cl. 81—15.
- MacAnespie, Thomas G., to The Glenn L. Martin Co. Sea state wave meter. 2,839,920, 6-24-58, Cl. 73—170.
- Macari, Anthony R. Bite block shaper. 2,830,372, 4-15-58, Cl. 32—70.
- MacArthur, Hamilton E., and R. B. Way, to Conforming Matrix Corp. Spray painting machine. 2,866,434, 12-30-58, Cl. 118—301.
- MacArthur, Robert B., and D. F. Swearingen, to North American Aviation, Inc. Aircraft control arrangement incorporating deflectable surface and boundary layer control jets. 2,844,337, 7-22-58, Cl. 244—42.
- Maccatlian, John, and J. Nanigian. Bore surface thermocouple. 2,829,185, 4-1-58, Cl. 136—4.
- Macaulay, Charles R. Paint roller cleaner. 2,819,483, 1-14-58, Cl. 15—121.2.
- Macaulay, Thomas W. Glass cutting tables. 2,845,713, 8-5-58, Cl. 33—32.
- Maccaferri, Mario. Self-sealing wall tiles. 2,841,004, 7-1-58, Cl. 72—18.
- Maccaferri, Mario. Melt extractor type heating cylinders. 2,860,375, 11-18-58, Cl. 18—30.
- MacCallum, Alan M.: *See*—
Noxon, Paul A., MacCallum, and Murphy. 2,838,258.
- Maccarone, Fred. Vamp lining with elastic insets. 2,827,713, 3-25-58, Cl. 36—55.
- Maccarone, Fred. Narrow shank shoe and process of making the same. 2,838,855, 6-17-58, Cl. 36—30.
- MacCaulay, Robert W., to General Electric Co. End cap for combustor. 2,840,989, 7-1-58, Cl. 60—39.65.
- MacCauley, Wilbur J., to Helco Products Corp. Potentiometer mandrel. 2,853,587, 9-23-58, Cl. 201—63.
- MacChesney, Chester M., to Ellamac Inc. Magnetic recording and reproducing apparatus. 2,846,516, 8-5-58, Cl. 179—100.2.
- MacChesney, Chester M., to Ellamac Inc. Apparatus for magnetic recording of sound on record cards. 2,849,542, 8-26-58, Cl. 179—100.2.
- MacChione, John M. Methods of applying laminations. 2,842,834, 7-15-58, Cl. 29—155.61.
- MacChione, John M. Apparatus for applying laminations. 2,842,838, 7-15-58, Cl. 29—203.
- MacClamroch, James G. W.: *See*—
McClamroch, Harold H. 2,851,062.
McClamroch, Harold H. 2,856,967.
- MacClatchie Mfg. Co.: *See*—
Graham, Clifford P., and Leathers. 2,862,739.
Shellman, Roy K. 2,821,730.
Shellman, Roy K., and Leathers. 2,865,663.
- MacCormack, Kenneth E., and G. A. Harrow, to National Research Council. Process for activation of silver alloy catalyst. 2,837,473, 6-3-58, Cl. 204—140.
- MacCracken, Calvin D., J. J. Rioux, and G. N. Miles, to Jet-Heat, Inc. Air conditioning apparatus. 2,857,747, 10-28-58, Cl. 62—335.
- MacCurdy, William I., to United States Steel Corp. Apparatus for clamping and turning a pile of sheets. 2,838,184, 6-10-58, Cl. 214—1.
- MacCutcheon, Richard H. Sound reproduction apparatus. 2,852,604, 9-16-58, Cl. 179—1.
- MacDermid Inc.: *See*—
Laue, Erich. 2,833,703.
- Macdonald, Angus A., A. W. Ward, and F. G. Lee, to United States of America, Navy. Multiple cavity tuning arrangement. 2,862,191, 11-25-58, Cl. 333—73.
- MacDonald, Angus S., to Carthage Corp. Book shelves. 2,834,478, 5-13-58, Cl. 211—136.
- MacDonald, Angus S. Metal planks. 2,838,144, 6-10-58, Cl. 189—34.
- MacDonald, Angus S., and L. E. Helbig, to The Globe-Wernicke Co. Compacted bookstacks. 2,826,310, 3-11-58, Cl. 211—150.
- MacDonald, Charles M. Thermo-couple. 2,826,625, 3-11-58, Cl. 136—4.
- MacDonald, Charles M. Temperature indicator. 2,849,518, 8-26-58, Cl. 136—4.
- Macdonald, Daniel R.: *See*—
Covone, Galileo W. 2,851,021.
- MacDonald, Dennison H., and T. S. Harris, Jr., to Revere Corp. of America. Strain gauges and load weighing cells. 2,837,620, 6-3-58, Cl. 201—63.
- MacDonald, Donald A., to United States Rubber Co. Tire repair apparatus. 2,837,767, 6-10-58, Cl. 18—18.
- MacDonald, Donald C.: *See*—
Lewis, Arthur P., and MacDonald. 2,843,882.
- MacDonald, Duncan N., to Burroughs Corp. Traveling type carriage in high speed printers. 2,831,424, 4-22-58, Cl. 101—93.
- MacDonald, Duncan N., to Burroughs Corp. Electrical keyboard. 2,862,664, 12-2-58, Cl. 235—145.

- MacDonald, Duncan N., to Burroughs Corp. Perforated tape transport system. 2,862,675, 12-2-58, Cl. 242-55.12.
- MacDonald, Duncan N., to Burroughs Corp. Tape guiding system. 2,862,715, 12-2-58, Cl. 274-11.
- MacDonald, Everett L. Hair tapering drive. 2,864,162, 12-16-58, Cl. 30-34.
- MacDonald, George H. Liquid level gauge. 2,856,690, 10-21-58, Cl. 33-126.5.
- MacDonald, John A.: *See*—
- Findlay, Albert J., MacDonald, and Widdup. 2,838,361.
- Macdonald, John G. Lubricating and synchronizing means for free piston engines. 2,865,349, 12-23-58, Cl. 123-41.37.
- MacDonald, Kenneth A., and E. J. Whitmore, to Ferranti Ltd. Method of making ceramic-to-metal seals. 2,836,885, 6-3-58, Cl. 29-472.9.
- MacDonald, Robert N.: *See*—
- Bechtold, Max F., and MacDonald. 2,844,561.
- MacDonald, Robert N., to E. I. du Pont de Nemours and Co. Polymerization of formaldehyde. 2,828,286, 3-25-58, Cl. 260-67.
- MacDonald, Robert N., to E. I. du Pont de Nemours and Co. Polymerization of formaldehyde. 2,841,570, 7-1-58, Cl. 260-67.
- MacDonald, Roderic A., to Russell, Burdall & Ward Bolt and Nut Co. Manufacture of acorn nuts. 2,832,973, 5-6-58, Cl. 10-86.
- MacDonald, Waldron S., to Electronics Corp. of America. Magnetic drum memory devices. 2,852,762, 9-16-58, Cl. 340-174.
- MacDougall, Charles B., and H. E. Bearwood, to Nemco Electric Co. Closure supports for lighting fixtures. 2,855,504, 10-7-58, Cl. 240-147.
- MacDougall, Hugh C., to General Foods Corp. Coconut flaking device. 2,856,976, 10-21-58, Cl. 146-7.
- MacDougall, Hugh C. Coconut paring machine having overlapping disk knives. 2,862,534, 12-2-58, Cl. 146-7.
- MacDougall, Kirkland B. Slack take-up mechanism. 2,835,354, 5-28-58, Cl. 188-196.
- MacDougall, Robert, to Prince Castle Mfg. Division, Inc. Drink mixer. 2,829,872, 4-8-58, Cl. 259-78.
- Mace, Leona H. Garment fastener. 2,819,470, 1-14-58, Cl. 2-70.
- MacDuff, Stanley I., to Bendix Aviation Corp. Back pressure producing device for hydraulic system. 2,845,901, 8-5-58, Cl. 121-38.
- Mace, James C., and H. M. Turner, to Institute of Textile Technology. Cotton opener and cleaner. 2,854,702, 10-7-58, Cl. 19-76.
- Macemon, Herbert J., to General Electric Co. Waste disposal apparatus. 2,828,083, 3-25-58, Cl. 241-46.
- Macemon, Herbert J., to General Electric Co. Pivoted mounting of hammer in waste disposal apparatus. 2,828,086, 3-25-58, Cl. 241-100.5.
- Macemon, Herbert J., to General Electric Co. Waste disposal apparatus. 2,829,838, 4-8-58, Cl. 241-46.
- Macemon, Herbert J., and W. D. Ryckman, Jr., to General Electric Co. Waste disposal apparatus. 2,838,245, 6-10-58, Cl. 241-45.
- Macewka, John. Fluid pressure unit. 2,853,857, 9-30-58, Cl. 60-97.
- MacFadden, Wilford C.: *See*—
- Johanson, Bengt J., and MacFadden. 2,858,519.
- MacFadyen, Donald E.: *See*—
- Maude, Aylmer H., and MacFadyen. 2,863,725.
- MacFarlane, Robert, to G. K. Parmelee. Concentricity control apparatus. 2,828,132, 3-25-58, Cl. 279-16.
- MacFarlane, Robert H., to John Deere Plow Co. (Ltd.). Weeder. 2,859,679, 11-11-58, Cl. 97-144.1.
- MacGeorge, William D., to Automatic Timing Controls, Inc. Magnetic coupling device. 2,850,686, 9-2-58, Cl. 317-171.
- MacGeorge, William D., to Automatic Timing & Controls, Inc. Indicating systems. 2,855,587, 10-7-58, Cl. 340-187.
- MacGillis & Gibbs Co., The: *See*—
- Hoyle, Robert J., Jr. 2,834,073.
- MacGillivray, Robert K., to Superior Separator Co. Dumping trough for double cylinder grain separator. 2,861,684, 11-25-58, Cl. 209-95.
- MacGlashan, William F., Jr., H. J. Margraf, and C. R. Seitz, to United States of America, Army. Solenoid valve with pneumatic lock. 2,851,056, 9-9-58, Cl. 137-464.
- MacGlashan, William F., Jr., H. J. Margraf, and C. R. Seitz, to United States of America, Army. Air tank charging valve. 2,854,998, 10-7-58, Cl. 137-550.
- MacGregor, Charles: *See*—
- MacGregor, James and C. 2,822,930.
- MacGregor, Charles, to York Engineering & Construction Co. Conveying apparatus. 2,858,122, 10-28-58, Cl. 263-6.
- MacGregor, Donald W.: *See*—
- Griffith, Thomas R., and MacGregor. 2,857,345.
- MacGregor, James and C., to York Engineering & Construction Co. Apparatus for handling billets. 2,822,930, 2-11-58, Cl. 214-1.
- MacGregor, James, and M. W. Zoltan, to York Engineering & Construction Co. Ladle and trunnion ring therefor. 2,823,028, 2-11-58, Cl. 266-39.
- MacGregor, John W.: *See*—
- Hammer, Clarence F., Jr., Templeton, and MacGregor. 2,839,967.
- MacGregor, Joseph: *See*—
- MacGregor, Robert and J. 2,844,117.
- MacGregor, Kenneth, to Simon-Carves Ltd. Manufacture of sulphate of ammonia. 2,852,342, 9-16-58, Cl. 23-119.
- MacGregor, Peter S., to Flight Refueling Inc. Pressure relief valves for fuel tanks. 2,819,729, 1-14-58, Cl. 137-529.
- MacGregor, Peter S., to Flight Refueling Inc. Self-engaging and self-sealing pipe couplings especially applicable to flight refueling purposes. 2,855,223, 10-7-58, Cl. 284-18.
- MacGregor, Richard K. Masonry saw frame. 2,819,709, 1-14-58, Cl. 125-13.
- MacGregor, Robert and J. Device for protecting ships' holds, wagons, during cargo working. 2,844,117, 7-22-58, Cl. 114-202.
- Macha, Edward A., to Westinghouse Electric Corp. Method and apparatus for making metal articles. 2,861,530, 11-25-58, Cl. 113-44.
- Machac, Frank J., to Illinois Tool Works. Small eight prong washers connected in strip form. 2,842,181, 7-8-58, Cl. 151-35.
- Machalek, Ferdinand, to J. Dvorak, and to J. Litochleb. Apparatus and method for electrically heating wet porous sheets. 2,824,383, 2-25-58, Cl. 34-1.
- Machalk, Frank S. Grass catchers for rotary mowers. 2,856,746, 10-21-58, Cl. 56-202.
- MacHenry, Richard: *See*—
- Heffelfinger, Robert D., and MacHenry. 2,821,253.
- Machian, George R., to Western Electric Co., Inc. Article assembling apparatus. 2,865,089, 12-23-58, Cl. 29-203.
- Machielse, Jan, E. B. Morgan, and G. L. Weaver, to American Seating Co. End standard for an auditorium chair or the like. 2,865,438, 12-23-58, Cl. 155-191.
- Machine Tool Works Oerlikon, Administration Co.: *See*—
- Keller, Siegfried. 2,821,441.
- Keller, Siegfried. 2,829,926.
- Schwager, Oskar, and Herlach. 2,821,116.
- Stadelmann, Rudolf. 2,825,991.
- Thomann, Hans, and Steck. 2,818,914.
- Machler, Raymond C., to Leeds and Northrup Co. Radiation systems for measuring temperature. 2,837,917, 6-10-58, Cl. 73-355.
- Machlett Laboratories, Inc.: *See*—
- Agule, George J. 2,831,995.
- Doolittle, Howard D. 2,831,999.
- Doolittle, Howard D., and Skehan. 2,866,122.
- Fengler, Albert F., and Mackey. 2,827,080.
- Lanefski, John P. 2,850,656.
- Leferson, Joseph. 2,837,680.
- Magnusson, Bror K. M. 2,829,297.
- Naill, Eugene J. 2,850,661.
- Naill, Eugene J., and Reynolds. 2,839,959.
- Palmer, Albert O. 2,837,709.
- Rogers, Thomas H. 2,825,816.
- Rogers, Thomas H. 2,833,953.
- Yanagisawa, Samuel T., and Miseroocchi. 2,825,833.
- Yanagisawa, Samuel T., and Miseroocchi. 2,858,233.
- Machlin, Stuart, to Standard Coil Products Co., Inc. Plural-band dual-turret tuner with masked-number decade type indicator. 2,851,593, 9-9-58, Cl. 250-20.
- Macholl, James P., to Gould-National Batteries, Inc. Electrolyte liquid for storage batteries. 2,861,016, 11-18-58, Cl. 136-154.
- Macholl, James F., and K. Patterson, to Gould-National Batteries, Inc. Electrolyte additive for storage batteries. 2,841,632, 7-1-58, Cl. 136-153.
- Machovec, Fred J. Brush adjustment mechanism for sweeper apparatus. 2,828,498, 4-1-58, Cl. 15-83.
- Machovec, Fred J., to Clarke Sanding Machine Co. Sweeper drive and adjustment construction. 2,859,461, 11-11-58, Cl. 15-83.
- Macht, Philip R., and J. C. Kiefer. Baseball game apparatus. 2,825,564, 3-4-58, Cl. 273-93.
- MacHutchin, John G.: *See*—
- Boyer, Thomas W., MacHutchin, and Yaffe. 2,838,368.
- Maciejowski, John J., to United Shoe Machinery Corp. Apparatus for controlling endless belts. 2,854,128, 9-30-58, Cl. 198-202.
- MacIntyre, Ronald, L. J. Sheakley, and J. C. Zenobia, Jr., to Specialties Development Corp. Resistance material for fire detector element. 2,856,368, 10-14-58, Cl. 252-519.
- MacIsaac, John T., Jr., and F. W. Brey, to The New York Trust Co., and J. H. Baile, trustees. Pile yarn shogging motion for looms. 2,860,665, 11-18-58, Cl. 129-46.
- Maciszewski, Arthur H., and R. Goldstein, to A. R. F. Products, Inc. Keying and coding device. 2,844,683, 7-22-58, Cl. 200-90.
- Maciszewski, Arthur H., and M. S. Riddiford, to A. R. F. Products, Inc. Apparatus for treating water. 2,844,727, 7-22-58, Cl. 250-43.
- Mack, Alfred: *See*—
- Jacoby, Donald L., Keigher, and Mack. 2,839,728.
- Mack, Charles, and J. L. Tiedje, to Esso Research and Engineering Co. Stressing of petroleum wax to improve physical properties thereof. 2,819,185, 1-7-58, Cl. 117-65.
- Mack, Charles H., and W. G. Bickford, to United States of America, Agriculture. Maleinated eleostearic acids. 2,865,931, 12-23-58, Cl. 260-348.
- Mack, Eulah. Farm produce or like aerating device. 2,856,838, 10-21-58, Cl. 98-55.
- Mack, Lawrence L. Machines for correction of posture and normalization of weight. 2,856,917, 10-21-58, Cl. 128-33.
- Mack, Richard G. Carrier. 2,822,117, 2-4-58, Cl. 224-8.
- Mack, Sidney S., to Packard Water Conditioners, Inc. Water treatment device. 2,825,464, 3-4-58, Cl. 210-222.

- Mack, William, to Frank E. Wolcott. Dispenser for flowable materials. 2,822,002, 2-4-58, Cl. 141-17.
- Mackal, Henry H. Quickly disassembled inflation and relief valve. 2,855,946, 10-14-58, Cl. 137-223.
- Mackal, Henry H. Valve. 2,859,932, 11-11-58, Cl. 251-347.
- MacKay, Guy P.: *See*—
Troost, Walter R., and MacKay. 2,850,370.
- MacKay, John A.: *See*—
Johns, Harold E., and MacKay. 2,844,736.
- MacKay, Kenneth H. Cup holder. 2,831,647, 4-22-58, Cl. 248-205.
- Mackay Radio and Telegraph Co.: *See*—
Abelew, Harry H. 2,834,003.
Royden, George T. 2,829,200.
Royden, George T. 2,850,095.
Schabauer, Fritz M. 2,855,506.
- MacKay, Robert, to Southern Gravel Service, Inc. Shipping container for printing cylinders. 2,828,857, 4-1-58, Cl. 206-46.
- MacKechnie, Horace K.: *See*—
Burt, Charles E., Kussmaul, and MacKechnie. 2,845,512.
- Mackenzie, Andrew S. Lifter. 2,822,206, 2-4-58, Cl. 294-63.
- MacKenzie, Charles A., and M. Schoffman, $\frac{1}{2}$ to Montclair Research Corp. and $\frac{1}{2}$ to Ellis-Foster Co. Substituted silicon acylates. 2,866,800, 12-30-58, Cl. 260-448.8.
- MacKenzie, Fred T.: *See*—
Stratton Frank F., and MacKenzie. 2,818,922.
- MacKenzie, Fred T., and E. Quinn, to United Shoe Machinery Corp. Methods of making slip-lasted platform shoes. 2,844,832, 7-29-58, Cl. 12-142.
- MacKenzie, Gordon F., to The Dow Chemical Co. Process for the conversion of ethanalamine. 2,861,995, 11-25-58, Cl. 260-268.
- MacKenzie, Gordon F., and E. K. Morris, to The Dow Chemical Co. Preparation of carboxylic acid chlorides. 2,848,491, 8-19-58, Cl. 260-544.
- MacKenzie, James B. D., to Ciba Ltd. Glycidyl ethers of reaction products of certain phenols with polymerizable aromatic substances containing at least one vinyl group. 2,865,887, 12-23-58, Cl. 260-47.
- MacKenzie, James S.: *See*—
Luke, Oren V., Jr., Ulvild, and MacKenzie. 2,862,853.
- MacKenzie, James S., and C. S. Morgan, Jr., to Celanese Corp. of America. Oxidation of fatty acids. 2,820,046, 1-14-58, Cl. 260-406.
- MacKenzie, John, G. Philip and R. Wilson. Newspaper, magazine, or like vending machines. 2,819,817, 1-14-58, Cl. 221-213.
- Mackenzie, Kenneth J., Jr., to General Electric Co. Method for controlling the irradiation of polyethylene. 2,830,943, 4-15-58, Cl. 204-154.
- MacKenzie, Kenneth R., to United States of America. Atomic Energy Commission. Ion producing mechanism. 2,850,638, 9-2-58, Cl. 250-41.9.
- MacKenzie, Kenneth R., to United States of America. Atomic Energy Commission. Calutron receivers. 2,852,686, 9-16-58, Cl. 250-41.9.
- MacKenzie, Thomas W. Call mechanism for automatic telephone dialers. 2,829,206, 4-1-58, Cl. 179-90.
- MacKenzie, William F., and M. H. Roske, to United Shoe Machinery Corp. Assembling machines. 2,843,923, 7-22-58, Cl. 29-203.
- MacKenzie, William H. Separator for vapor and condensate. 2,829,836, 4-8-58, Cl. 236-59.
- Mackert, John J. Mop head for window cleaning. 2,844,837, 7-29-58, Cl. 15-244.
- Mackey, Bruce A. Boring tool. 2,835,293, 5-20-58, Cl. 145-126.
- Mackey, Bruce A. Core cutter. 2,853,904, 9-30-58, Cl. 77-69.
- Mackey, E. Scudder, to General Aniline & Film Corp. Anti-fading layers for photographic black and white materials. 2,819,165, 1-7-58, Cl. 96-61.
- Mackey, Fred M.: *See*—
Fengler, Albert F., and Mackey. 2,827,080.
- Mackey, Paul V.: *See*—
Mahrle, Raymond D., Mackey, and Kuzel. 2,821,146.
- Mackey, Richard C., to The Regents of the University of California. Microwave measurement apparatus. 2,837,712, 6-3-58, Cl. 324-0.5.
- Mackey, Theodore L. Hydraulic tilting blade controls for bulldozers. 2,839,848, 6-24-58, Cl. 37-144.
- Mackie, Alex., to A. B. Chance Co. Methods and apparatus for anchoring pipe lines and the like. 2,864,633, 12-16-58, Cl. 287-117.
- Mackie, Harry A.: *See*—
Garvey, Louis P., Mackie, and Schamel. 2,847,937.
- Mackie, James, & Sons Ltd.: *See*—
Mackie, John P. 2,866,310.
- Mackie, John P., to James Mackie & Sons Ltd. Spinning frame. 2,866,310, 12-30-58, Cl. 57-36.
- MacKimmie, George B., to Radio Corp. of America. Slotted cylinder antenna. 2,849,711, 8-26-58, Cl. 343-771.
- Mackinder, Richard, R. G. Kenzie, and P. Tiso, to Shell Development Co. Alcohol deodorization by contact with siliceous material and iron. 2,857,436, 10-21-58, Cl. 260-643.
- Mackintosh, Charles. Sectional platform with nesting sections. 2,833,607, 5-6-58, Cl. 311-4.
- Mackintosh, Charles. Folding stages. 2,841,831, 7-8-58, Cl. 20-1,123.
- Mackintosh, Charles. Braced nestable tables. 2,842,412, 7-8-58, Cl. 311-1.
- Mackintosh, Charles. Stands. 2,859,488, 11-11-58, Cl. 20-1,126.
- Mackiw, Vladimir N.: *See*—
Benoit, Robert L., Lin, and Mackiw. 2,822,262.
Benoit, Robert L., and Mackiw. 2,822,264.
- Mackiw, Vladimir N., D. J. I. Evans, and N. Yoshida. Method of separating metal values from ammoniacal solutions. 2,822,261, 2-4-58, Cl. 75-103.
- Mackiw, Vladimir N., V. Kunda, and Wei C. Lin, to Sherritt Gordon Mines Ltd. Method of treating solutions containing metal values. 2,836,490, 5-27-58, Cl. 75-115.
- Mackiw, Vladimir N., V. Kunda, and J. B. Haworth, to Sherritt Gordon Mines Ltd. Method of producing composite non-metallic metal powders. 2,853,398, 9-23-58, Cl. 117-47.
- Mackiw, Vladimir N., V. Kunda, and J. B. Haworth, to Sherritt Gordon Mines Ltd. Method of incorporating a metal binder or matrix phase in mixes of metals and/or metals and metal compounds. 2,853,401, 9-23-58, Cl. 117-65.
- Mackiw, Vladimir N., V. Kunda, and J. B. Haworth, to Sherritt Gordon Mines Ltd. Method of producing composite metal powders. 2,853,403, 9-23-58, Cl. 117-100.
- Macklem, George C., to Copco Steel & Engineering Co. Metal door construction. 2,827,139, 3-18-58, Cl. 189-46.
- Macklin, Justin W.: *See*—
Graves, Frederick G. 2,866,445.
- MacKnight, Bonna: *See*—
MacKnight, Edgar W. and B. 2,848,037.
- MacKnight, Edgar W., to B. MacKnight. Cantilever type stool. 2,848,037, 8-19-58, Cl. 155-81.
- Mackor, Eduard L., to Shell Development Co. Extraction of meta dialkylbenzenes with HF-PPs. 2,830,105, 4-8-58, Cl. 260-674.
- Macksoud, Michel E., to Duro-Test Corp. Light source including an arc tube. 2,838,713, 6-10-58, Cl. 315-49.
- Macku, Vladimir, to Kralovopolska strojirna, zavod Klementa Gottvalda, narodni podnik. Method of erecting sheet plate casings having a cylindrical shape with vertical axis, by shifting the sheet plates along a helical line. 2,866,261, 12-30-58, Cl. 29-429.
- Mackway, Harold J., to United States of America. Air Force. Synchronizing overtravel mechanism. 2,857,097, 10-21-58, Cl. 235-1.
- MacLaren, Albert S. Unitary tank for the treatment of sewage. 2,852,140, 9-16-58, Cl. 210-221.
- MacLaren, Donald D.: *See*—
Welty, Albert B., Jr., Taft, MacLaren, and Gornowski. 2,856,351.
- MacLaren, Donald D., to Esso Research and Engineering Co. Method of separating hydrogen from hydrogen-containing gases. 2,822,888, 2-11-58, Cl. 183-114.2.
- MacLaren, Frederick B., to Acton Laboratories, Inc. Variable resistor. 2,850,606, 9-2-58, Cl. 201-56.
- Maclary, Fletcher J.: *See*—
Dyer, Franklin C., and Maclary. 2,835,889.
- MacLauchlin, William. Device for putting on stockings. 2,828,057, 3-25-58, Cl. 223-111.
- MacLaughlin, Lucius "T." Lawn hose guide. 2,846,189, 8-5-58, Cl. 254-190.
- MacLaury, Waldo M.: *See*—
Waller, Fred, and MacLaury. 2,823,472.
- Maclay, William R., and G. W. Scott, to International Business Machines Corp. Apparatus for manifesting intelligence on record media. 2,863,004, 12-2-58, Cl. 179-100.2.
- MacLean, Alexander F.: *See*—
Fisher, Gene J., and MacLean. 2,838,561.
- MacLean, Alexander F., to Celanese Corp. of America. Purification of acetic acid employing hydroxylamine acetate as purifying agent. 2,862,854, 12-2-58, Cl. 202-39.5.
- MacLean, Alexander F., and C. C. Hobbs, Jr., to Celanese Corp. of America. Catalytic hydrogenation of unsaturated aldehydes and ketones. 2,825,743, 3-4-58, Cl. 260-593.
- MacLean, Alexander F., and B. G. Frenz, to Celanese Corp. of America. Preparation of unsaturated aldehydes. 2,848,499, 8-19-58, Cl. 260-601.
- MacLean, Donald P.: *See*—
Williams, Thomas H., and MacLean. 2,857,280.
- MacLean, Eldon R. Hollow masonry block-attaching device. 2,829,514, 4-8-58, Cl. 72-101.
- MacLean, Florence B.: *See*—
MacLean, James M. and F. B. 2,836,414.
- MacLean, James M., deceased, by F. B. MacLean, executrix. Spring assembly. 2,836,414, 5-27-58, Cl. 267-63.
- MacLean, Kenneth G.: *See*—
Fernsler, George L., and MacLean. 2,838,673.
- MacLean, Kenneth S. Abrasive cytologic brush. 2,839,049, 6-17-58, Cl. 128-2.
- MacLean, William D., to Chemical Research Corp. Method of chromium plating aluminum. 2,836,550, 5-27-58, Cl. 204-51.
- Macleish, Kenneth, to the United States of America as represented by the United States Atomic Energy Commission. Method of locating grounds. 2,823,350, 2-11-58, Cl. 324-52.
- Macleod, Keith. Rotatable drive mechanism. 2,832,227, 4-29-58, Cl. 74-209.

- MacLeod, Lester R. Gyrotory crusher with hydraulic means for adjusting crusher head. 2,833,486, 5-6-58, Cl. 241—215.
- MacLeod, Norman A. Method of forming shaped explosive charge. 2,851,918, 9-16-58, Cl. 86—1.
- MacMeekin, Robert J., and E. G. Hildicker, to C. H. Wheeler Mfg. Co. Vertical centrifugal pumping apparatus. 2,841,087, 7-1-58, Cl. 103—107.
- MacMillan, Charles. *See—*
- Freed, George H. 2,828,701.
- MacMillan, Charles W., to Bear Mfg. Co. Axle press for axles of automotive vehicles. 2,830,789, 4-15-58, Cl. 254—93.
- MacMillan, Charles W., to Bear Mfg. Co. Suspension height gauge for vehicular torsion bar suspension systems. 2,853,790, 9-30-58, Cl. 33—180.
- MacMillan, Raymond A., to United States of America, Air Force. Photoelectric converter system. 2,839,616, 6-17-58, Cl. 179—171.
- MacMillin, David M., to Bell & Howell Co. Speed responsive brake. 2,865,475, 12-23-58, Cl. 188—187.
- MacMullen, Clinton W., and G. R. Leader, to Olin Mathieson Chemical Corp. Azides of di-carboxyaryl compounds. 2,865,932, 12-23-58, Cl. 260—349.
- MacNeil, Alvin S. Apparatus for deep well drilling. 2,854,219, 9-30-58, Cl. 255—72.
- MacNeill, John H.: *See—*
- Bellinger, James E., and MacNeill. 2,832,412.
- MacNeill, John H., to Soroban Engineering, Inc. Electrostatic tape drive. 2,831,678, 4-22-58, Cl. 271—23.
- MacNeill, John H., to United States of America, Air Force. Coded keyboard. 2,836,809, 5-27-58, Cl. 240—365.
- MacNeill, John H., to Soroban Engineering, Inc. Idler wheel for tape drive mechanisms. 2,854,197, 9-30-58, Cl. 242—55.12.
- MacNeill, John H., to Soroban Engineering, Inc. High speed punch device. 2,859,816, 11-11-58, Cl. 164—111.
- MacNeille, Stephen M., to United States of America, Atomic Energy Commission. Servomotor control system. 2,864,042, 12-9-58, Cl. 318—25.
- MacNerland, William A.: *See—*
- Day, Leslie, and MacNerland. 2,846,279.
- MacNichol, Edward F., Jr., C. M. Connelly, and J. R. Rogers, to United States of America, Navy. Range unit. 2,836,810, 5-27-58, Cl. 343—73.
- Macoicz, Edward L., to General Electric Co. Control circuits for electronic ranges. 2,839,649, 6-17-58, Cl. 219—10.55.
- Macomber, Franklin S. Vehicle body for segregating and palletizing freight shipments. 2,825,600, 3-4-58, Cl. 296—24.
- Macomber, Janos K.: *See—*
- Azins, George, Odin, Macomber, and Bock. 2,841,333.
- Macovski, Albert: *See—*
- Seeley, Stuart W., and Macovski. 2,832,819.
- Macovski, Albert, to Radio Corp. of America. Clamped synchronizing signal separator. 2,828,356, 3-25-58, Cl. 178—73.
- Macovski, Albert, to Radio Corp. of America. Color kinescope biasing system. 2,845,573, 7-29-58, Cl. 315—13.
- Macoy, Eugene W., and L. N. Brager, to American Can Co. Extractor for sheets in ovens. 2,830,690, 4-15-58, Cl. 198—25.
- MacPeck, Donald L.: *See—*
- Starcher, Paul S., MacPeck, and Phillips. 2,861,084.
- Macpherson, Alan C., to United States of America, Commerce. Microwave calorimetric wattmeter. 2,846,647, 8-5-58, Cl. 324—95.
- MacPherson, Arthur R., to Aerofall Mills Inc. Material reduction mill. 2,849,189, 8-26-58, Cl. 241—81.
- MacPherson, Donald H.: *See—*
- Dunning, Sanford F., and MacPherson. 2,863,950.
- MacPherson, Donald H., C. H. McCandless, and J. B. Newsum, to Bell Telephone Laboratories, Inc. Sender load control. 2,820,104, 1-14-58, Cl. 179—22.
- MacPherson, Earle S., to Ford Motor Co. Motor vehicle wheel suspension. 2,842,230, 7-8-58, Cl. 188—88.
- MacPherson, Earle S., to Ford Motor Co. Motor vehicle body. 2,842,394, 7-8-58, Cl. 296—28.
- MacPherson, Gordon R., and C. J. Carlton, to California Research Corp. Hydrocarbon conversion process. 2,839,449, 6-17-58, Cl. 196—28.
- MacPherson, Kenneth W. Expandable buckle. 2,860,398, 11-18-58, Cl. 24—163.
- MacQuaid, Craig, Jr.: *See—*
- Edwards, Robert G., and MacQuaid. 2,829,449.
- Macredis, George: *See—*
- Santini, Danilo, and Macredis. 2,840,189.
- Macrides, Philip C., to Cluett, Peabody & Co., Inc. Garment closure. Re. 24,461, 4-22-58, Cl. 2—128.
- MacSorley, Olin L.: *See—*
- Henle, Robert A., Emery, Bruce, and MacSorley. 2,861,200.
- Macura, Karl: *See—*
- Siggel, Erhard, and Macura. 2,862,957.
- MacWilliam, Edgar A., to Eastman Kodak Co. Method of increasing Clayton desensitization of photographic emulsions. 2,828,203, 3-25-58, Cl. 96—27.
- Macy, Alan C.: *See—*
- Allison, Roy F., Macy, and Giddings. 2,822,883.
- Macy, James C., to AMP Inc. Electrical connector. Re. 24,510, 8-5-58, Cl. 339—276.
- Macy, James C., to Illinois Tool Works. Tubular rivet formed from strip metallic stock. 2,830,485, 4-15-58, Cl. 85—40.
- Macy, John M., to South Bend Tackle Co., Inc. Dispenser for filamentary material. 2,824,709, 2-25-58, Cl. 242—135.
- Madaras, Ernest and J. Solderless electrical connectors and junction blocks. 2,824,166, 2-18-58, Cl. 174—59.
- Madaras, John: *See—*
- Madaras, Ernest and J. 2,824,166.
- Madden, Charles L. Trailer train. 2,844,108, 7-22-58, Cl. 105—159.
- Madden, Henry M. Sportsman's lunch tote seat. 2,844,191, 7-22-58, Cl. 155—150.
- Madden, Homer W. Can stacking fork. 2,828,154, 3-25-58, Cl. 294—15.
- Madden, Homer W. Flexible can stacker. 2,861,666, 11-25-58, Cl. 193—16.
- Maddern, Richard W.: *See—*
- Norman, Noel E., and Maddern. 2,853,133.
- Maddex, Phillip J.: *See—*
- Stoddard, Carl K., and Maddex. 2,836,547.
- Maddi, Frank: *See—*
- Roche, William J. 2,859,527.
- Maddock, Bruce H., and W. M. Land, Jr., to Union Carbide Corp. Process for extruding polychlorotrifluoroethylene. 2,834,054, 5-13-58, Cl. 18—55.
- Maddox, James R.: *See—*
- Fassero, Anthony T., and Maddox. 2,835,922.
- Maddox, Thomas E. Safety control systems for fuel burners. 2,860,288, 11-11-58, Cl. 317—149.
- Maddox, John R., to Armstrong Cork Co. Viscosity controlling method. 2,845,361, 7-29-58, Cl. 106—123.
- Madeira, John R.: *See—*
- Lo Presti, Roy F., and Madeira. 2,851,149.
- Madeira, John R., to Goodman Mfg. Co. Endless flexible conveyor frame. 2,850,146, 9-2-58, Cl. 198—109.
- Mader Cabinet Works, Inc.: *See—*
- Mader, Martin H. 2,850,171.
- Mader, Charles K., to The M. W. Kellogg Co. Helical coil heater. 2,823,652, 2-18-58, Cl. 122—250.
- Mader, Emil A., ½ to J. Spargo. Automatic louver control mechanism. 2,862,438, 12-2-58, Cl. 98—116.
- Mader, Lyle W.: *See—*
- Wesslund, Robert E., Mader, and Johnson. 2,861,260.
- Mader, Martin H., to Mader Cabinet Works, Inc. Shelf-type display rack. 2,850,171, 9-2-58, Cl. 211—141.
- Mader, Paul M., to Eastman Kodak Co. Photographic color development process. 2,865,747, 12-23-58, Cl. 96—55.
- Mäder, Peter E., 50% to Firma Compagnie des Montres Longines Franchillon S. A. Device for the developing, fixing and washing of cinematograph films in daylight. 2,825,272, 3-4-58, Cl. 95—90.
- Mader, Wilfried: *See—*
- Strohmeier, Harald, and Mader. 2,848,596.
- Maderni, Piero, to Saul & Co., as nominee of Fidelity Union Trust Company, executive trustee under Sandoz Trust. Azo dyestuffs. 2,848,446, 8-19-58, Cl. 260—147.
- Maderni, Piero, and W. Wehrli, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Cobalt-containing azo dyestuffs of the acylacetylaminooalkane series. 2,820,782, 1-21-58, Cl. 260—145.
- Maderni, Piero, H. Ruckstuhl, and W. Steinemann, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Azo dyestuffs of the pyrazole-line series. 2,821,524, 1-28-58, Cl. 260—147.
- Maderni, Piero, and O. Senn, to A. G. Sandoz. Monoazo dyestuffs of the pyrazole-line series and their chromium complex compounds. 2,839,522, 6-17-58, Cl. 260—147.
- Madinger, Hulit L., to The Texas Co. Fluid contact coking of hydrocarbon oils, fines recirculation improvement. 2,858,253, 10-28-58, Cl. 202—28.
- Madison, Darwin R. Outboard motor haying tow line device and method for towing. Re. 24,511, 8-5-58, Cl. 115—17.
- Madison-Faessler Tool Co.: *See—*
- Koppelman, Eldo K. 2,843,918.
- Mock, Luther R., and Koppelman. 2,835,958.
- Mock, Luther R., and Koppelman. 2,839,121.
- Mock, Luther R., and Koppelman. 2,847,757.
- Madison, Richard D., J. B. Graham, and H. C. Burgin, to Buffalo Forge Co. Inlet vane actuating device. 2,827,224, 3-18-58, Cl. 230—114.
- Madison, Richard K.: *See—*
- Wystrach, Vernon P., and Madison. 2,824,138.
- Madison, Richard K., and G. K. Bellis, to American Cyanamid Co. 1,4-bis-(2,2-dimethyl-3-acetylcylobutyl) butane and process of preparing. 2,855,438, 10-7-58, Cl. 260—586.
- Madison, William F. Electrical connector. 2,853,690, 9-23-58, Cl. 339—45.
- Madl, Alfred W., and T. E. Bednarski, to John Oster Mfg. Co. Motor driven sharpener for edged tools. 2,865,141, 12-23-58, Cl. 51—80.
- Madland, Glen R.: *See—*
- Backman, Kenneth E. H., and Madland. 2,830,200.
- Mador, Irving L.: *See—*
- Frank, Charles E., and Mador. 2,832,809.
- Madsen, Abner L. Coat hanger cover applying machine. 2,853,840, 9-30-58, Cl. 53—200.
- Madsen, Berthel F., and J. E. Randolph, to Teletype Corp. Feed-out mechanism. 2,851,142, 9-9-58, Cl. 197—133.
- Madsen, Claude: *See—*
- Black, Robert H., Madsen, and Neuhaus. 2,843,175.

- Madsen, Einar P. Venetian blind cleaning rack. 2,849,745, 9-2-58, Cl. 15-268.
- Madsen, Herluf E. Choker pass block for high lead logging. 2,821,937, 2-4-58, Cl. 104-115.
- Madsen, Paul S.: *See*—
Gow, Arthur R., and Madsen. 2,859,040.
Gow, Arthur R., and Madsen. 2,866,644.
- Madsen, Walter M., to Baldwin-Lima-Hamilton Corp. Mechanism for asphalt mixing plants and the like. 2,856,106, 10-14-58, Cl. 222-485.
- Madsen, Walter M., to Baldwin-Lima-Hamilton Corp. Pug mill mixer having improved aggregate circulating means. 2,861,786, 11-25-58, Cl. 259-146.
- Maeda, Seichi: *See*—
Ogawa, Tetsuo, Maeda, and Osawa. 2,845,354.
- Maeder, Arthur: *See*—
Leumann, Ernst, Porret, Deflorin, and Maeder. 2,830,045.
- Maerk, Mikkel. Slidable barrel gun with a combined rear and cocking member. 2,835,998, 5-27-58, Cl. 42-10.
- Maerker, Helmut. Rotational speed responsive device. 2,821,590, 1-28-58, Cl. 200-80.
- Maerz Industrie-Ofenbau A. G.: *See*—
Bartu, Franz, and Slesaczek. 2,864,602.
- Maeser, William C., and J. E. McAdam, to Lotran Inc. Transmission system outage locator. 2,863,141, 12-2-58, Cl. 340-253.
- Maffett, Robert R.: *See*—
Mancuso, Joseph P., and Maffett. 2,860,549.
- Magagnosc, Stanley: *See*—
Easton, Edward A., and Magagnosc. 2,842,429.
- Magargee, Donald S.: *See*—
Kuba, Samuel, and Magargee. 2,844,171.
- Magarian, Masick C. Hitch structures. 2,841,067, 7-1-58, Cl. 97-46.07.
- Magarian, Masick C. Harrow hitch. 2,858,756, 11-4-58, Cl. 97-46.07.
- Magasiny, Irving P.: *See*—
Finkel, Leonard, and Magasiny. 2,863,122.
- Magat, Eugene E., to E. I. du Pont de Nemours & Co. Process for preparing polyamides. 2,831,834, 4-22-58, Cl. 260-78.
- Magat, Michel: *See*—
Bruma, Marc, and Magat. 2,827,595.
- Magee, Bruce V.: *See*—
Pessagno, Theodore S., Blanton, and Magee. 2,860,177.
- Magee Carpet Co., The: *See*—
Penman, Montgomery B. 2,827,866.
Penman, Montgomery B. 2,841,184.
Penman, Montgomery B. 2,860,588.
- Magee, John R. Jr.: *See*—
Jenkins, Herschel S., Magee, Morgan, and Saffian. 2,845,362.
- Magee, Virgil S., 25% to The James Darrell Spencer Trust Estate, and 25% to The Sandra Carol Spencer Trust Estate, both of whom the trustee is E. M. Spencer. Electric oven. 2,860,568, 11-18-58, Cl. 99-339.
- Magel, Theodore T.: *See*—
Foster, Laurence S., and Magel. 2,834,672.
- Magel, Theodore T., to the United States of America as represented by the United States Atomic Energy Commission. Metal production and casting. 2,825,105, 3-4-58, Cl. 22-65.
- Mageoch, Harry Y., to H. K. Porter Co., Inc. Vehicle destination sign mechanism. 2,834,131, 5-13-58, Cl. 40-95.
- Mager, Eric L., to Sylvania Electric Products Inc. Electroluminescent lamp. 2,848,637, 8-19-58, Cl. 313-108.
- Mager, Eric L., to Sylvania Electric Products Inc. Electroluminescent lamp. 2,866,118, 12-23-58, Cl. 313-108.
- Magerlein, Barney J.: *See*—
Levin, Robert H., and Magerlein. 2,824,871.
Spero, George B., Magerlein, Schneider, and Hogg. 2,838,499.
Spero, George B., Magerlein, Schneider, and Hogg. 2,838,537.
Spero, George B., Magerlein, Schneider, and Hogg. 2,838,538.
Spero, George B., Magerlein, Schneider, and Hogg. 2,838,542.
Spero, George B., Magerlein, Schneider, and Hogg. 2,838,543.
- Magerlein, Barney J., and J. A. Hogg, to The Upjohn Co. 1-(α -hydroxyalkyl)-androstenes and process. 2,820,045, 1-14-58, Cl. 260-397.45.
- Magerlein, Barney J., J. K. Dale, and L. W. Wachtel, to The Upjohn Co. Process for making crystalline cortisone acetate. 2,828,319, 3-25-58, Cl. 260-397.45.
- Magerlein, Barney J., and J. A. Hogg, to The Upjohn Co. 9/10-secosteroids and process for their preparation. 2,835,698, 5-20-58, Cl. 260-476.
- Magerlein, Barney J., G. B. Spero, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro- Δ^4 -3-keto steroids and process for preparing same. 2,838,498, 6-10-58, Cl. 260-239.55.
- Magerlein, Barney J., G. B. Spero, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process. 2,838,535, 6-10-58, Cl. 260-397.45.
- Magerlein, Barney J., G. B. Spero, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro 9 α -halo- Δ^4 -pregnenes and process for preparing same. 2,838,536, 6-10-58, Cl. 260-397.45.
- Magerlein, Barney J., G. B. Spero, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids. 2,838,539, 6-10-58, Cl. 260-397.45.
- Magerlein, Barney J., G. B. Spero, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro-4-pregnenes and process for preparing same. 2,838,541, 6-10-58, Cl. 260-397.45.
- Magerlein, Barney J., W. P. Schneider, O. K. Sebek, and G. B. Spero, to The Upjohn Co. 6 α -fluoro-16 α -hydroxy steroids. 2,838,545, 6-10-58, Cl. 260-397.45.
- Magerlein, Barney J., W. P. Schneider, O. K. Sebek, and G. B. Spero, to The Upjohn Co. 6 α -fluoro-16 α -hydroxy-1,4-pregnadienes. 2,838,546, 6-10-58, Cl. 260-397.45.
- Magerlein, Barney J., W. P. Schneider, O. K. Sebek, and G. B. Spero, to The Upjohn Co. 6 α ,21-difluoro-16 α -hydroxy-steroids. 2,838,547, 6-10-58, Cl. 260-397.45.
- Magerlein, Barney J., W. P. Schneider, O. K. Sebek, and G. B. Spero, to The Upjohn Co. 6 α -fluoro-16 α -hydroxy-4-pregnenes. 2,838,548, 6-10-58, Cl. 260-397.45.
- Magerlein, Barney J., J. K. Dale, and L. W. Wachtel, to The Upjohn Co. Process for making crystalline cortisone acetate. 2,841,599, 7-1-58, Cl. 260-397.45.
- Magestro, James C.: *See*—
Good, James A., and Magestro. 2,850,005.
- Maggiolo, Allison: *See*—
Blair, Edgar A., and Maggiolo. 2,846,471.
- Maggiolo, Allison, to The Welsbach Corp. Processes for the production of dibasic and monobasic acids. 2,865,937, 12-23-58, Cl. 260-406.
- Maggiore, Louis. Coffee brewing package. 2,835,587, 5-20-58, Cl. 99-77.1.
- Mags, Arthur H., to The British Thomson-Houston Co. Ltd. Alternating current dynamo-electric machines. 2,848,680, 8-19-58, Cl. 322-57.
- Magie Chef-Food Giant Markets, Inc.: *See*—
Brodbeck, Almer H. 2,823,657.
Holzboog, Walter H., and Heselmeyer. 2,823,660.
Reinhart, Harold C., and Portas. 2,834,408.
- Magie Seal, Inc.: *See*—
Rand, Henry J. 2,821,356.
- Magill, Donald G., to American Can Co. Method of making scored container bodies. 2,855,884, 10-14-58, Cl. 113-120.
- Magill, Donald G., and H. R. Vitense, to American Can Co. Composite container construction. 2,819,006, 1-7-58, Cl. 229-5.5.
- Magill, Herbert L. Power gas generator. 2,861,422, 11-25-58, Cl. 60-39.28.
- Magill, Herbert L. Reaction turbines. 2,861,776, 11-25-58, Cl. 253-81.
- Magill, Paul L. Demountable expanding shelf. 2,849,123, 8-26-58, Cl. 211-90.
- Magin, Francis W., to Square D Co. Broiler and method of broiling. 2,852,654, 9-16-58, Cl. 219-35.
- Magin, Kenneth E.: *See*—
Payne, John W., and Magin. 2,826,313.
Payne, John W., and Magin. 2,826,320.
- Magline Inc.: *See*—
Murray, George C., and Stixrud. 2,842,787.
- Magna Kleen Inc.: *See*—
Wisken, Adolf H. 2,849,297.
- Magna Power Tool Corp.: *See*—
Edgemond, John W., Jr., and J. J. O'Connor. 2,857,717.
- Magnaflex Corp.: *See*—
De Forest, Taber. 2,832,922.
De Forest, Taber. 2,848,421.
- Magnani, Alessandro. Packed sleeve-type coupling with multiple seals. 2,829,909, 4-8-58, Cl. 285-95.
- Magnavox Co., The: *See*—
Eggman, Max E. 2,837,998.
Hardwick, Clifford L., and Clark. 2,850,979.
Hayes, Robert M., and Nelson. 2,842,362.
Kirby, Woodrow P., and Meyers. 2,866,198.
Richardson, John E. 2,838,692.
Ruppel, Harold E. 2,854,539.
Thomas, Stephen E. 2,845,003.
Wendling, John. 2,838,623.
- Magne-Cast Tool Co., Inc.: *See*—
Wondriska, George J. 2,828,472.
- Magne, Frank C., E. L. Skau, and R. O. Feuge, to United States of America, Agriculture. Vinyl halide resins plasticized with diacetolein and phosphoric acid esters. 2,857,348, 10-21-58, Cl. 260-23.
- Magne, Frank C., E. L. Skau, and R. R. Mod, to United States of America, Agriculture. Vinyl chloride polymers plasticized with morpholine mixture. 2,863,845, 12-9-58, Cl. 260-30.4.
- Magnesium Elektron Ltd.: *See*—
Jessup, Alfred C., and Petch. 2,829,973.
Petch, James H. T. 2,834,700.
Price, William J., and Mayer. 2,844,989.
Whitehead, Derek J. 2,823,115.
- Magnet Cove Barium Corp.: *See*—
Reddie, William A. 2,862,881.
- Magnethermic Corp.: *See*—
McArthur, Bruce E. 2,820,128.
McArthur, Bruce E. 2,838,641.
McArthur, Bruce E., and Pieron. 2,859,323.
- Magnetic Amplifiers, Inc.: *See*—
Herz, Herbert, Sterk, and Goldsmith. 2,849,544.

- Magnetic Heating Corp.: *See*—
 Cable, Joseph W., and Rudd. 2,827,544.
 Rudd, Wallace C. 2,821,619.
 Rudd, Wallace C. 2,827,543.
 Rudd, Wallace C. 2,866,063.
 Rudd, Wallace C., and Stanton. 2,825,033.
 Rudd, Wallace C., and Stanton. 2,857,503.
 Stanton, Robert J., and Rudd. 2,833,910.
 Stanton, Robert J., and Rudd. 2,856,499.
- Magnetic Metals Co.: *See*—
 Langworthy, David C. 2,860,328.
- Magnetic Precision Controls Inc.: *See*—
 Mamon, Michel. 2,866,942.
- Magnetic Seal Corp.: *See*—
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- Magnetrol, Inc.: *See*—
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- Magnex, Inc.: *See*—
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- Magnien, Ernest G.: *See*—
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- Magnus Chemical Co., Inc.: *See*—
 Zinty, Marcel J. 2,824,029.
 Zinty, Marcel J. 2,857,923.
- Magnus, Finn H. Fishing lures. 2,862,325, 12-2-58, Cl. 43-42,22.
- Magnus, Herbert A.: *See*—
 Stott, Albert M., and Magnus. 2,857,889.
- Magnus, Herbert A., to United States of America, Army. Actuator for unlocking and removing aircraft canopy. 2,853,975, 9-30-58, Cl. 121-40.
- Magnuski, Henry: *See*—
 Dyke, Edwin, and Magnuski. 2,860,238.
- Magnuski, Henry, to Motorola, Inc. Power supply. 2,852,730, 9-16-58, Cl. 321-2.
- Magnuson, Genevieve I.: *See*—
 Magnuson, Roy M. 2,835,295.
- Magnuson, Roland A.: *See*—
 Henriksen, Thor O., and Magnuson. 2,841,294.
- Magnuson, Roland A., to United States of America, Army. Spur gear pinion mounting. 2,853,893, 9-30-58, Cl. 74-411.
- Magnuson, Roland A., to United States of America, Army. Equilibrator system for a vehicle mounted gun. 2,857,815, 10-28-58, Cl. 89-37.
- Magnuson, Roy M.: *See*—
 Hamlin, Jerry F., Magnuson, and Daugherty. 2,864,525.
 Magnuson, Roy M., deceased; G. I. Magnuson, executrix. Stemming apparatus. 2,835,295, 5-20-58, Cl. 146-55.
- Magnuson, Vernon P., and G. E. Hagen, to Northrop Aircraft, Inc. Cathode ray tube count indicator. 2,840,311, 6-24-58, Cl. 235-92.
- Magnussen, John K., and T. B. Sindberg. Educational question and answer device. 2,853,799, 9-30-58, Cl. 35-9.
- Magnusson, Arvid G.: *See*—
 Andersson, Sven Å., and Magnusson. 2,865,058.
- Magnusson, Bror K. M., to Machlett Laboratories, Inc. Filament structure. 2,829,297, 4-1-58, Cl. 313-279.
- Magnusson, Folke, to AB Svenska Flakfabriken. Apparatus for conditioning loose porous materials. 2,830,386, 4-15-58, Cl. 34-179.
- Magnusson, Lawrence B., to the United States of America as represented by the United States Atomic Energy Commission. Separation process for transuranic element and compounds thereof. 2,830,066, 4-8-58, Cl. 260-429.1.
- Magnusson, Lawrence B., to United States of America, Atomic Energy Commission. Precipitation method of separation of neptunium. 2,841,464, 7-1-58, Cl. 23-14.5.
- Magor Car Corp.: *See*—
 Lunde, Einar O. 2,859,774.
- Magram, Sidney J., to United States of America, Army. Sulfamic acid smoke mixture. 2,852,502, 7-8-58, Cl. 252-305.
- Magrath, Gerry A.: *See*—
 Havens, Charles R., and Magrath. 2,844,823.
- Maguire, Francis J., to Tracerlab, Inc. Method of marking film. 2,831,119, 4-15-58, Cl. 250-67.
- Maguire, J. J.: *See*—
 Friedman, Herbert, and Maguire. 2,848,624.
- Maguire, J. J., Co.: *See*—
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- Maguire, John J.: *See*—
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- Maguire, Richard: *See*—
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 Gavlin, Gilbert, and Maguire. 2,831,903.
- Maguire, Richard G.: *See*—
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- Maguire, Richard G., and G. W. Hedrick, to Ditto, Inc. Transfer sheet coated with a composition containing a salt and a hydrotrope. 2,864,720, 12-16-58, Cl. 117-36.
- Maguire, Michael F., to General Electric Co. Attitude control system. 2,857,122, 10-21-58, Cl. 244-93.
- Mahacek, Irvin W.: *See*—
 Wormser, Arthur, McKinney, Mahacek, and Haston. 2,822,928.
- Mahady, John J., and D. F. Laird, to United States Rubber Co. Manufacture of flanged pinch valve hose. 2,866,479, 12-30-58, Cl. 138-55.
- Mahaffey, James W.: *See*—
 Bravard, Roy F., Mahaffey, and Nelson. 2,836,865.
 Mangold, Anthony J., Jr., Reese, and Mahaffey. 2,832,113.
- Mahaffy, Reid A., W. E. Young, and G. S. Di Monaco, to Standard Packaging Corp. Machine and process for evacuating, gassing and sealing flexible containers. 2,858,655, 11-4-58, Cl. 53-86.
- Mahan, John E.: *See*—
 Baer, Donald H., and Mahan. 2,864,827.
 Kleinschmidt, Roger F., Mahan, and Pitts. 2,831,890.
- Mahan, John E., S. D. Turk, and R. P. Williams, to Phillips Petroleum Co. Inhibitor removal from vinyl pyridines. 2,826,581, 3-11-58, Cl. 260-290.
- Mahan, William F., to Barber-Colman Co. Hob. 2,864,153, 12-16-58, Cl. 29-103.
- Maharick, Matt: *See*—
 Chalmers, William M., and Maharick. 2,865,650.
- Maher, Charles E. Emulsifier composition and method of making the same. 2,826,596, 3-11-58, Cl. 260-401.
- Maher, Robert H.: *See*—
 Schack, Warren R., and Maher. 2,820,709.
- Maher, Robert H., to Swift & Co. Process of stabilizing the color of cooked meat. 2,860,993, 11-18-58, Cl. 99-187.
- Mahland, Edward W.: *See*—
 Ottenberg, Lloyd A., and Mahland. 2,839,677.
- Mahland, Edward W., and G. G. Bradley, to Radio Corp. of America. Heterodyning receiving system. 2,846,573, 8-5-58, Cl. 250-20.
- Mahle, Hermann. Light metal piston. 2,827,347, 3-18-58, Cl. 309-13.
- Mahler, Charles J.: *See*—
 White, Marshall P., and Mahler. 2,856,591.
- Mahler, Joseph, to American Optical Co. Photographic transparencies and method of making the same. 2,854,335, 9-30-58, Cl. 96-13.
- Mahler, Peter A., to Fidelity Machine Co., Inc. Marking attachment for circular hosiery knitting machines. 2,827,780, 3-25-58, Cl. 66-40.
- Mahler, Walter: *See*—
 Burg, Anton B., and Mahler. 2,866,824.
- Mahlmeister, Raymond A., to The Sheffield Corp. Machine tool. 2,820,330, 1-21-58, Cl. 51-89.
- Mahlmeister, Raymond A., to The Cimatoool Corp. Machine tool. 2,830,571, 4-15-58, Cl. 125-11.
- Mahlmeister, Raymond A., to The Cimatoool Corp. Machine tool. 2,830,572, 4-15-58, Cl. 125-11.
- Mahlmeister, Raymond A., to The Sheffield Corp. Gauging device. 2,831,263, 4-22-58, Cl. 33-181.
- Mahlo, Edwin K.: *See*—
 Walpert, George W., and Mahlo. 2,826,545.
 Walbert, George W., and Mahlo. 2,826,546.
- Mahlstedt, Henry: *See*—
 Cibulskis, Walter, Shacat, and Mahlstedt. 2,840,523.
- Mahmarian, Richard S. Detergent containing cleaning pad. 2,835,911, 5-27-58, Cl. 15-131.
- Mahnken, Walter W.: *See*—
 Clark, Donald B., Kelley, and Mahnken. 2,846,843.
 Kelley, George S., and Mahnken. 2,858,668.
- Mahoff, George A., and L. A. West, to Aeroquip Corp. Packing sleeve for a tube coupling. 2,828,986, 4-1-58, Cl. 288-2.
- Mahon, Gerald T.: *See*—
 Scheuerle, Robert F., and Mahon. 2,862,985.
- Mahon, Harvey V. Liquid-level-indicating rollable container. 2,847,856, 8-19-58, Cl. 73-325.
- Mahon, Thomas J., to Sterling Drug Inc. Peri-anal ointment. 2,843,522, 7-15-58, Cl. 167-63.
- Mahoney, Clarence L., and H. Diamond, to Shell Development Co. Lubricating compositions. 2,820,011, 1-14-58, Cl. 252-33.6.
- Mahoney, Clarence L., and H. Diamond, to Shell Development Co. Lubricating compositions. 2,825,695, 3-4-58, Cl. 252-33.6.
- Mahoney, Eugene T.: *See*—
 Chicoine, Gordon E., Gunn, Mahoney, and John. 2,842,876.
- Mahoney, Frank D. Cushioned control valve for nozzles. 2,830,786, 4-15-58, Cl. 251-50.
- Mahoney, Frederick L.: *See*—
 Partridge, William R., and Mahoney. 2,857,018.
- Mahoney, James F. Can opener. 2,865,095, 12-23-58, Cl. 30-16.
- Mahoney, Joseph M. Boat calculator. 2,845,223, 7-29-58, Cl. 235-61.
- Mahoney, Thomas H., Jr. Garbage disposal unit. 2,853,240, 9-23-58, Cl. 241-38.
- Mahoney, William C.: *See*—
 Lane, Charles C., and Mahoney. 2,864,206.
- Mahrle, Raymond D., P. V. Mackey, and E. Kuzel, to Chrysler Corp. Automatic sectional control system for track-borne carriers. 2,821,146, 1-28-58, Cl. 104-148.
- Mahrt, Louis R.: *See*—
 Martin, Edwin R., and Wise. 2,859,395.
 Noodleman, Samuel. 2,828,457.
- Maico Electronics, Inc.: *See*—
 Kojis, John J., and Wilcox. 2,833,868.
- Maiden Form Brassiere Co., Inc.: *See*—
 Rosenthal, William. 2,854,984.
 Vuilleminot, Robert P. 2,832,465.
 Vuilleminot, Robert P. 2,847,117.
- Maiditch, Leon: *See*—
 Cohen, Elie, and Roth. 2,847,594.

- Maier, Curtis E., L. Brockett, and R. A. Larson, to Continental Can Co., Inc. Art of making closure members by depositing and curing a compound in the closure shell and thereafter molding. 2,835,926, 5-27-58, Cl. 18-57.
- Maier, Karl. Bench-type machine tool consisting of interchangeable components, particularly for amateurs. 2,821,009, 1-28-58, Cl. 29-27.
- Maier, Karl W., to Olin Mathieson Chemical Corp. Buffer mechanism. 2,845,908, 8-5-58, Cl. 123-7.
- Maiershofer, Karl: *See*—
Bing, Herbert A., Eloranta, Grey, and Maiershofer. 2,866,380.
- Maiershofer, Karl M., to G-M Laboratories Inc. Shutter cocking mechanism. 2,860,559, 11-18-58, Cl. 95-31.
- Maierson, Theodore, R. A. Todd, and H. W. Schultz, to General Motors Corp. Friction material. 2,819,987, 1-14-58, Cl. 117-140.
- Maikowski, Michael A.: *See*—
Erbe, Friedrich, and Maikowski. 2,863,739.
- Mail, John R.: *See*—
McCarty, Verle E., and Mail. 2,821,185.
- Mailander, John H. Tubing hanger. 2,843,363, 7-15-58, Cl. 257-124.
- Maillard, Bernard, to Brevets Aero-Mecaniques S. A. Improvements in automatic guns having a detachable barrel. 2,818,785, 1-7-58, Cl. 89-193.
- Maillard, Bernard. Belt feed mechanisms for automatic firearms. 2,821,888, 2-4-58, Cl. 89-33.
- Maillard, Bernard, to "Brevets Aero-Mecaniques." Multiple cartridge clip feeding mechanisms for automatic guns. 2,830,498, 4-15-58, Cl. 89-33.
- Maillard, Bernard, to Brevets "Aero-Mecaniques" S. A. Cartridge chamber with abutments. 2,831,287, 4-22-58, Cl. 42-76.
- Maillard, Bernard, to Society "Brevets Aero-Mecaniques," S. A. Sliding breechblock locking mechanism for self-loading firearms. 2,831,403, 4-22-58, Cl. 89-187.
- Maillard, Jules. Apparatus for mixing different kinds of material in predetermined proportions. 2,826,339, 3-11-58, Cl. 222-137.
- Mailly, Felicien A., to Etablissements Jouan S. A. Device for administering and transfusing blood, serums, plasmas and other medicinal preparations. 2,839,056, 6-17-58, Cl. 128-214.
- Main, John A., to Kelsey-Hayes Co. Brake with pivoted motor. 2,833,378, 5-6-58, Cl. 188-78.
- Main, John A., to Kelsey-Hayes Co. Fluid operated chuck. 2,833,543, 5-6-58, Cl. 279-4.
- Main, John A., and C. W. Sinclair, to Kelsey-Hayes Co. Wheel. 2,840,422, 6-24-58, Cl. 301-63.
- Main, Kenneth A.: *See*—
Burler Earl R., and Main. 2,836,107.
- Main, Leo E., J. R. Piper, and L. J. Smith, to Bell & Gossett Co. Flow meter with conical spring restriction. 2,850,897, 9-9-58, Cl. 73-207.
- Maincon, Maurice, M. Fenoglio, and A. Pacoud, to Societe des Usines Chimiques Rhone-Poulenc. Process for the separation of decomposition products of cumene hydroperoxide. 2,824,049, 2-18-58, Cl. 202-42.
- Maine, James F., to Consolidated Iron-Steel Mfg. Co. Road forms. 2,843,911, 7-22-58, Cl. 25-118.
- Mainiere, Nicholas R. Self contained drinking tube and bottle cap. 2,837,234, 6-3-58, Cl. 215-100.
- Mainil, Jean: *See*—
Gillo, Léon, and Mainil. 2,866,784.
- Mainland, Keith F.: *See*—
Blaha, Donald L., and Mainland. 2,839,300.
- Maino, Carlo A., to Raibl Societa Mineraria del Predil S. p. A. Centrifugal classifier for finely granulated solid substances in suspension. 2,831,575, 4-22-58, Cl. 209-211.
- Mains, Russell L.: *See*—
Wasniewski, Adam S., and Mains. 2,822,573.
- Mairs, William J., to Acton Laboratories, Inc. Hermetically sealed variable resistors and potentiometers. 2,862,088, 11-25-58, Cl. 201-55.
- Mairs, William J., to Acton Laboratories, Inc. Variable resistor or potentiometer. 2,862,089, 11-25-58, Cl. 201-62.
- Maisch, Oliver. Tube sealer and connector. 2,819,733, 1-14-58, Cl. 138-89.
- Maisel, Daniel S.: *See*—
Matuszak, Alfred H., Maisel, and Carrier. 2,820,815.
Wood, Donald W., Maisel, and Hunt. 2,820,072.
- Maissen, Venantius. Garage installation. 2,818,607, 1-7-58, Cl. 20-113.
- Maiwurm, Paul S. Concrete joists. 2,844,023, 7-22-58, Cl. 72-61.
- Maixner, Marion G. Service tray for automobiles or the like. 2,835,543, 5-20-58, Cl. 311-21.
- Majac, Inc.: *See*—
Fisher, Andrew J. 2,821,346.
- Majendie, Alastair M. A.: *See*—
Meredith, Frederick W., and Majendie. 2,863,142.
- Majeroni, Edward E.: *See*—
Majeroni, Lamar E. and E. E. 2,837,388.
- Majeroni, Lamar E. and E. E. Stacking lap tray for food. 2,837,388, 6-3-58, Cl. 311-23.
- Majerus, John B., and W. W. Prather, to Collins Radio Co. Range gate lock-on circuit. 2,848,627, 8-19-58, Cl. 307-81.
- Majeske, Henry L.: *See*—
Alexander, John S., Winnan, and Majeske. 2,840,161.
- Majeske, Henry L., to American Screen Products Co. Adjustable pivot for door track. 2,842,795, 7-15-58, Cl. 16-130.
- Majestic Co., Inc.: *See*—
Triggs, Kenneth F. 2,847,951.
Triggs, Kenneth F. 2,848,078.
Triggs, Kenneth F. 2,854,557.
- Majewski, Eugene J. Toy construction sets. 2,846,809, 8-12-58, Cl. 46-29.
- Majewski, John V., to McGraw-Edison Co. Connector and joint for spar type timber construction. 2,835,002, 5-20-58, Cl. 20-92.
- Majewski, John V., to McGraw-Edison Co. Sheet metal staple with inwardly lanced wire securing tabs. 2,842,023, 7-8-58, Cl. 85-49.
- Majik-Ironers, Inc.: *See*—
Foster, Edwin E. 2,830,403.
Foster, Edwin E. 2,833,027.
Foster, Edwin E. 2,834,568.
Foster, Edwin E. 2,852,710.
- Majkrzak, Charles P., to International Telephone and Telegraph Corp. Contact pressure indicator. 2,853,876, 9-30-58, Cl. 73-161.
- Majneri, Ludwig A. Shut-off valve assembly for fluid pressure systems. 2,865,399, 12-23-58, Cl. 137-563.
- Majneri, Ludwig A. Shut-off valve assembly for fluid pressure systems. 2,865,401, 12-23-58, Cl. 137-625.29.
- Majnoni, Stefano: *See*—
Boller, Arthur, Fürst, and Majnoni. 2,862,002.
- Major, Benjamin M. Non-slip billfold. 2,834,389, 5-13-58, Cl. 150-47.
- Major, Forrest E.: *See*—
Warden, John W., Sr., and Major. 2,825,144.
- Major, William B. Selective scale drawing instrument. 2,826,816, 3-18-58, Cl. 33-107.
- Majorana, Egidio E. and J. N. Seat and back frame and spring construction. 2,855,984, 10-14-58, Cl. 155-179.
- Majorana, Joseph N.: *See*—
Majorana, Egidio E. and J. N. 2,855,984.
- Makar, John V.: *See*—
Juhas, Joseph, and Makar. 2,830,806.
- Makar Mary F.: *See*—
Juhas, Joseph, and Makar. 2,830,806.
- Maker, Paul, to Bryant Chucking Grinder Co. Machine control mechanism. 2,839,874, 6-24-58, Cl. 61-50.
- Maker, Walter J.: *See*—
Sullivan, Arthur M. 2,847,707.
Sullivan, Arthur M. 2,847,714.
- Maker, Walter J., to The Glidden Co. Polymerizable solution of an allyl ether and an unsaturated alkyl resin. 2,852,487, 9-16-58, Cl. 260-45.4.
- Makhtsavel Israel: *See*—
Schachter, Ozjasz, and Reznik. 2,825,685.
- Makous, Lawrence, to A. O. Smith Corp. Fixture for confining laminations during fusing of glass thereto. 2,856,896, 10-21-58, Cl. 118-503.
- Makow, David M., to National Research Council. Stabilization system for tunable oscillator with reference to a pair of stable oscillators. 2,864,956, 12-16-58, Cl. 250-36.
- Makray, Paul W. Resilient wall tile. 2,859,607, 11-11-58, Cl. 72-18.
- Makuta, Francis E., to Ex-Cell-O Corp. Container and blank with pouring means. 2,820,581, 1-21-58, Cl. 222-528.
- Malagarie, Maxim. Level indicator for brake fluid. 2,825,895, 3-4-58, Cl. 340-244.
- Malakoff, Louis. Computer. 2,834,110, 5-13-58, Cl. 33-91.
- Malarky, Herbert: *See*—
Sievers, Fred R. 2,860,551.
- Malatesta, Vincent A.: *See*—
Hildebrandt, William J., Yerks, and Malatesta. 2,856,125.
- Malavazos, Arthur J.: *See*—
Chall, Harold J., and Malavazos. 2,832,534.
- Malavazos, Arthur J. to Friden, Inc. Keyboard for calculating machine. 2,828,918, 4-1-58, Cl. 235-145.
- Malbon, Harry: *See*—
Cooper, Frank, and Malbon. 2,840,798.
- Malburg, Raymond E. Movable booth type table top. 2,851,321, 9-9-58, Cl. 311-35.
- Malcolm, Estelle G. Vegetable straining spoon. 2,853,195, 9-23-58, Cl. 210-471.
- Malcolm, George S., to Talon, Inc. Cam lock slider. 2,835,011, 5-20-58, Cl. 24-205.14.
- Malcom, Robert, Jr., to Chicago Eye Shield Co. Face shield and adjustable head band therefor. 2,829,374, 4-8-58, Cl. 2-9.
- Malden Mop & Brush Co.: *See*—
Goldstein, Alfred T. 2,828,503.
- Male, Herman A.: *See*—
Carlsen, Leonard O., and Male. 2,822,226.
- Malec, Michel M. Distance measuring apparatus. 2,849,800, 9-2-58, Cl. 33-172.
- Malecki, George J., to Patent Protection Corp., as trustee. Preservation of color in canned green vegetables. 2,827,382, 3-18-58, Cl. 99-186.
- Malecki, Michael. Safety razor with angularly adjustable handle. 2,820,288, 1-21-58, Cl. 30-67.
- Malecki, Michael. Combination safety razor and bottle opening device. 2,861,339, 11-25-58, Cl. 30-55.
- Malek, Morris S. Hand-guided shearing apparatus and method. 2,822,871, 2-11-58, Cl. 164-75.
- Malek-Naegeli, Fred: *See*—
Schuller, Otto, and Malek-Naegeli. 2,837,092.

- Malewicz, Leonard A., and J. C. Daniels, to General Electric Co. Automatic transfer device. 2,832,478, 4-29-58, Cl. 214-1.
- Malewski, Theodore. Heating roller assembly for laminating embossing and printing machines. 2,831,097, 4-15-58, Cl. 219-19.
- Malfeld, Otto, H. Becker, W. Mandler, A. Koch, and E. Martin, to Ernst Leitz, G. m. b. H. Profile projectors. 2,853,920, 9-30-58, Cl. 88-24.
- Malherbe, France: *See—*
- Navarre, Roger F. D., and Malherbe. 2,839,700.
- Malherbe, Roger F. D.: *See—*
- Navarre, Roger F. D. 2,830,214.
- Malik, Zdeněk: *See—*
- Mašek, Antonín, and Malik. 2,840,460.
- Mašek, Antonín, and Malik. 2,861,784.
- Malkemus, John D., V. A. Currier, and J. B. Bell, Jr., to Jefferson Chemical Co., Inc. Method for preparing glycidol. 2,856,413, 10-14-58, Cl. 260-348.
- Mall, Arthur W., to Mall Tool Co. Saw chain. 2,857,942, 10-28-58, Cl. 143-135.
- Mall, Arthur W., to Remington Arms Co., Inc. Saw chain. 2,862,533, 12-2-58, Cl. 143-135.
- Mall, Arthur W., and C. A. Mattson, to Mall Tool Co. Means for cooling internal combustion engines. 2,827,026, 3-18-58, Cl. 123-41.05.
- Mall, Arthur W., R. G. Flossmoor, and P. Walzak, to Mall Tool Co. Throttle lock mechanism. 2,829,537, 4-8-58, Cl. 74-532.
- Mall, Arthur W., and R. G. Sholeen, to Mall Tool Co. Method of forming saw chain teeth and saw chain cutter links. 2,854,866, 10-7-58, Cl. 76-112.
- Mall Tool Co.: *See—*
- Hesse, Arno, and Walzak. 2,838,129.
- Mall, Arthur W. 2,857,942.
- Mall, Arthur W., and Mattson. 2,827,026.
- Mall, Arthur W., and Sholeen. 2,854,866.
- Mall, Arthur W., Sholeen, and Walzak. 2,829,537.
- Mallalieu, Frank R. Direct call secrecy intercommunicating telephone equipment. 2,848,551, 8-19-58, Cl. 179-38.
- Malleable Iron Fittings Co.: *See—*
- Jenne, Kenneth C. 2,825,943.
- Jenne, Kenneth C. 2,828,515.
- Maller, Aloys N. Apparatus for positioning work. 2,859,531, 11-11-58, Cl. 33-180.
- Mallery, Charles G., and F. R. Radcliffe, to General Electric Co. Automatic and manual control apparatus for aircraft. 2,852,212, 9-16-58, Cl. 244-76.
- Mallery, Paul: *See—*
- Kennedy, James B., and Mallery. 2,820,926.
- Mallina, Rudolph F., to Bell Telephone Laboratories, Inc. Multiple spindle wire wrapping tool. 2,855,159, 10-7-58, Cl. 242-7.
- Mallina, Rudolph F., to Bell Telephone Laboratories, Inc. Automatic wiring apparatus. 2,862,670, 12-2-58, Cl. 242-7.
- Mallinckrodt Chemical Works: *See—*
- Bertsch, Hugh C., and Lemp. 2,848,366.
- Martin, George L., and Gott. 2,836,488.
- Ruboff, John R., Martin, and Gerfen. 2,819,146.
- Ruboff, John R., Martin, and Gerfen. 2,819,945.
- Ruboff, John R., Martin, and Gerfen. 2,859,098.
- Ruboff, John R., Martin, and Gerfen. 2,859,099.
- Tarjan, Armen C., Yates, and Holmes. 2,846,351.
- Mallinckrodt, George E. Rotary engine, pistons and sealing means therefor. 2,834,322, 5-13-58, Cl. 121-49.
- Mallinckrodt, George E., to Elliot Enterprises, Inc. Rotary engine. 2,851,998, 9-1-58, Cl. 121-49.
- Mallinckrodt, George E., to Elliot Enterprises, Inc. Rotary engine. 2,852,006, 9-16-58, Cl. 123-11.
- Malling, Leonard R.: *See—*
- Reyburn, Richard J., and Malling. 2,858,422.
- Mallison, William C., to American Cyanamid Co. Continuous process for the polymerization of acrylonitrile. 2,847,405, 8-12-58, Cl. 260-50.5.
- Mallory, Harvey E., to Great Western Drilling Co. Drilling fluid and method. 2,854,407, 9-30-58, Cl. 252-8.5.
- Mallory, Marion. Internal combustion engine. 2,818,931, 1-7-58, Cl. 180-54.
- Mallory, Marion. Steam engine. 2,830,435, 4-15-58, Cl. 60-27.
- Mallory, Marion. Steam engine. 2,839,888, 6-24-58, Cl. 60-1.
- Mallory, Marion, to The Mallory Research Co. Dual point circuit breaker having simplified spark advance mechanism. 2,863,011, 12-2-58, Cl. 200-27.
- Mallory, Marion, Jr. Spark advance, vacuum-electric control. 2,864,353, 12-16-58, Cl. 123-117.
- Mallory, P. R., & Co., Inc.: *See—*
- Ang, Choh-Yi. 2,843,921.
- Barnes, Robert E. 2,820,910.
- Booe, James M. 2,834,926.
- Burkhammer, Eugene W. 2,853,767.
- Fettingier, Paul I. 2,860,290.
- Garvey, Bruce J., and Schaeff. 2,859,266.
- Garvey, Bruce J., and Schaeff. 2,859,267.
- George, Lee R. 2,845,501.
- Heil, Vernon E., and Hooven. 2,856,473.
- Huetten, Clarence. 2,820,125.
- Huetten, Clarence, Kaufmann, and Rigsbee. 2,849,563.
- Kaye, Gordon E. 2,864,880.
- Mallory, P. R., & Co., Inc.: *See—Continued*
- Morone, Joseph P., Jr. 2,860,318.
- Newman, William K., and Puerner. 2,820,864.
- Parkinson, Norman. 2,822,416.
- Peck, Gordon V. 2,856,570.
- Puerner, George O., and Wise. 2,858,179.
- Purdy, Berton A. 2,866,054.
- Mallory Research Co., The: *See—*
- Mallory, Marion. 2,863,011.
- Mallory-Sharon Metals Corp.: *See—*
- Busch, Lee S., Bauer, and Moorhead. 2,864,697.
- Mallory-Sharon Titanium Corp.: *See—*
- Abkowitz, Stanley, and Busch. 2,819,958.
- Abkowitz, Stanley, and Moorhead. 2,819,959.
- Abkowitz, Stanley, and Moorhead. 2,864,698.
- Abkowitz, Stanley, and Moorhead. 2,864,699.
- Malloy, Paul V. Projectile actuated power generator. 2,822,664, 2-11-58, Cl. 60-1.
- Malm, Carl J., and C. L. Crane, to Eastman Kodak Co. Improving the color of dicarboxylic acid esters of cellulose. 2,824,097, 2-18-58, Cl. 260-225.
- Malm, Carl J., and L. W. Blanchard, Jr., to Eastman Kodak Co. Mixed cellulose esters containing isobutryl groups. 2,828,303, 3-25-58, Cl. 260-225.
- Malm, Carl J., and L. W. Blanchard, Jr., to Eastman Kodak Co. Method of preparing cellulose propionate isobutyrate. 2,828,304, 3-25-58, Cl. 260-225.
- Malm, Carl J., and L. W. Blanchard, Jr., to Eastman Kodak Co. Method of preparing hydrolyzed cellulose acetate butyrates. 2,834,776, 5-13-58, Cl. 260-225.
- Malm, Carl J., L. J. Tanghe, and L. W. Blanchard, Jr., to Eastman Kodak Co. Manufacture of butyric acid esters of cellulose using a sulfuric acid catalyst. 2,835,665, 5-20-58, Cl. 260-227.
- Malm, Carl J., and C. L. Crane, to Eastman Kodak Co. Method for the manufacture of low viscosity cellulose acetate dicarboxylates. 2,856,400, 10-14-58, Cl. 260-225.
- Malm, Karl O. F. Land mine. 2,857,842, 10-28-58, Cl. 102-8.
- Malm, Roy H.: *See—*
- Robertson, Jack B., and Malm. 2,831,430.
- Malm, Roy H., to Minneapolis-Honeywell Regulator Co. Cyclic gain controls for sonar devices. 2,865,014, 12-16-58, Cl. 340-3.
- Malmgren, Bror H. Conveyor idlers. 2,841,271, 7-1-58, Cl. 198-192.
- Malmquist, Ake H.: *See—*
- Edling, Sven G., Malmquist, and Lindstein. 2,864,171.
- Malmros, Edward T.: *See—*
- Gerstung, Henry D., and Malmros. 2,826,903.
- Malmros, Gustav V. A., and D. K. Rex, to International Business Machines Corp. Synchronizing system. 2,834,919, 5-13-58, Cl. 317-6.
- Malnati, Cesare. Conveyor of transversely varying width. 2,856,060, 10-14-58, Cl. 198-34.
- Malone, Harold L.: *See—*
- Deffenbaugh, Edmund F., and Malone. 2,865,272.
- Malone, Harry F., and V. M. Krause, to Green Giant Co. Knife honing machine for sweet corn cutters. 2,846,823, 8-12-58, Cl. 51-65.
- Malone, Homer F., to The Wilcolator Co. Snap-acting thermostat and bimetal blade therefor. 2,823,283, 2-11-58, Cl. 200-138.
- Malone, Homer F., to The Wilcolator Co. Heavy duty circuit breaker and bimetal thermostatic unit therefor. 2,828,385, 3-25-58, Cl. 200-113.
- Malone, Homer F., to The Wilcolator Co. Motor protector or circuit breaker and bimetal blade therefor. 2,828,386, 3-25-58, Cl. 200-113.
- Maloney, Bernard: *See—*
- Mann, William, and Maloney. 2,840,193.
- Maloney, Clifford B. Chassis for trailers. 2,865,031, 12-23-58, Cl. 9-1.
- Maloney, Frederick G.: *See—*
- Christenson, James J., and Maloney. 2,862,635.
- Maloney, Henry B.: *See—*
- Yeo, Ernest E., and Maloney. 2,860,760.
- Maloney, Jack T., to Rohr Aircraft Corp. Apparatus and method for arc welding metal. 2,852,660, 9-16-58, Cl. 219-74.
- Maloney, James O., E. B. Haines, and J. B. Tepe, to United States of America, Atomic Energy Commission. Method of jacketing uranium bodies. 2,848,800, 8-26-58, Cl. 29-447.
- Maloney, Thomas G., M. J. Morris, and L. J. Naecker. Machine for casing-in books. 2,820,230, 1-21-58, Cl. 11-4.
- Maloney, Thomas S. Cattle dusting, back scratching and de-grubbing device. 2,828,718, 4-1-58, Cl. 119-156.
- Malroof, Ralph P. Air handling and heating apparatus. 2,846,816, 8-12-58, Cl. 47-2.
- Malott, John O. Combination fish pole and slingshot as a fishing device. 2,823,483, 2-18-58, Cl. 43-19.
- Malowan, John E., to Monsanto Chemical Co. Process for the purification of phosphorous acid. 2,857,246, 10-21-58, Cl. 23-165.
- Malozemoff, Plato: *See—*
- Bechaud, Leslie J., Jr., and Malozemoff. 2,865,712.
- Malpas, Charles H., to Victorian Diemoulders Proprietary Ltd. Construction of pouring spout. 2,842,289, 7-8-58, Cl. 222-143.

- Malpass, Burnice E., $\frac{1}{4}$ to W. F. Simpson, $\frac{1}{4}$ to F. E. Wallace, Sr., and $\frac{1}{4}$ to F. E. Wallace, Jr., Automobile door clip for mounting window guides. 2,823,071, 2-11-58, Cl. 296-44.5.
- Malsbary Mfg. Co.: *See*—
Taylor, Walter W. 2,849,187.
- Malsch, Friedrich, to International Standard Electric Corp. Tuning indicator valve of small dimension and a high sensitivity. 2,820,916, 1-21-58, Cl. 313-107.5.
- Malsed, Helen H. Surprise toy vehicle. 2,862,330, 12-2-58, Cl. 46-104.
- Maltais, Frederick J.: *See*—
May, Edwin A., and Maltais. 2,835,377.
- Maltbie, Charles M. Controller comprising voltage regulating means and simulated brake. 2,866,049, 12-23-58, Cl. 201-48.
- Malter, Louis: *See*—
Webster, William M., Jr., Johnson, and Malter. 2,846,605.
- Malter, Louis, to Radio Corp. of America. Detector circuit. 2,823,306, 2-11-58, Cl. 250-27.
- Maltha, Pieter R. A., to Koninklijke Industriële Maatschappij Voorheen Noury & Van der Lande N. V. Process for preparation of essentially anhydrous pastes of organic peroxides. 2,858,280, 10-28-58, Cl. 252-426.
- Malthaner, William A.: *See*—
Darwin, George P., Malthaner, and Schwenker. 2,828,362.
- Malusa, Giorgio, and M. Rossoni, to Società Edison S. p. A. Process apt to improve the recovery of selective solvents, and particularly of solvents destined to the separation of acetylene from gasses containing same. 2,846,443, 8-5-58, Cl. 260-326.5.
- Maly, Claude M., to Brown, Boveri Corp. Universal voltage regulator. 2,836,789, 5-27-58, Cl. 323-66.
- Maly, Frank B.: *See*—
Eden, Raymond B., and Maly. 2,828,783.
- Maly, George P., to Union Oil Co. of California. Water entry detection method and apparatus. 2,833,982, 5-6-58, Cl. 324-2.
- Maly, George P., to Union Oil Co. of California. Well packer. 2,849,070, 8-26-58, Cl. 166-179.
- Maly, Joe W., and J. C. St. John, to Halliburton Oil Well Cementing Co. Well casing fill-up device. 2,847,074, 8-12-58, Cl. 166-224.
- Malz, Nicholas: *See*—
Archambault, James E., and Malz. 2,851,802.
- Mamiya, Seiichi. Film winding and shutter setting mechanism for a camera. 2,836,109, 5-27-58, Cl. 95-31.
- Mamiya, Seiichi. Mechanism for setting shutter by film-winding operation in rollfilm camera. 2,839,976, 6-24-58, Cl. 95-31.
- Mamon, Michel, 40% to G. A. Rubissow, and 60% to Magnetic Precision Controls Inc. Apparatus for direct current constant voltage power supply. 2,866,942, 12-30-58, Cl. 321-16.
- Man, Eugene H., to E. I. du Pont de Nemours and Co. Trifluoromethyl thioesters. 2,820,807, 1-21-58, Cl. 260-455.
- Manago, Joseph B., Jr.: *See*—
Schubert, Milton V., Jr., and Manago. 2,845,193.
- Manahan, John W., $\frac{1}{2}$ to O. Oelkers. Two wheel warehouse truck with movable toe. 2,854,245, 9-30-58, Cl. 280-47.29.
- Manas, Herman D., to M. R. M. Machinery Co., Inc. Universal label applying device. 2,830,724, 4-15-58, Cl. 216-55.
- Manasia, Joseph P.: *See*—
Dean, Russell T., and Manasia. 2,848,431.
- Manaugh, Carlisle F.: *See*—
Grove, Donald E., and Manaugh. 2,840,248.
- Mancera, Octavio: *See*—
Sondheimer, Franz, Mancera, and Rosenkranz. 2,842,565.
Sondheimer, Franz, Mancera, and Rosenkranz. 2,846,451.
- Mancera, Octavio, F. Sondheimer, and G. Rosenkranz, to Syntex S. A. Process for the production of 17 α -ethinyl derivatives of androstane series of compounds. 2,863,886, 12-9-58, Cl. 260-397.5.
- Manchester, Clyde C. Float valve. 2,827,916, 3-25-58, Cl. 137-437.
- Manchester Machine & Tool Co.: *See*—
Novboy, Raymond E. 2,846,756.
- Manchester, Rowe G. Film splicing device. 2,842,184, 7-8-58, Cl. 154-42.1.
- Mancia, Henri: *See*—
Megol, Guillaume E. 2,841,041.
- Mancib, Alvin S.: *See*—
Berthold, George H., and Mancib. 2,859,480.
- Mancini, Michael. Friction drive socket wrenches. 2,834,239, 5-13-58, Cl. 81-64.
- Mancke, Edgar B., and F. M. Temmel, to Bethlehem Steel Co. Recovery of copper and cobalt values from sulphate leach solutions. 2,864,692, 12-16-58, Cl. 75-108.
- Manco Mfg. Co.: *See*—
Hoadley, Cyrus E. 2,845,101.
- Mancusi, Joseph J., Jr.: *See*—
Stevenson, William F., Mancusi, and Edelson. 2,831,431.
- Mancusi, Joseph J., Jr., to Altair Inc. Sealing elements. 2,845,945, 8-5-58, Cl. 137-469.
- Mancusi, Joseph J., Jr., to Hydra-Power Corp. Valve structure. 2,847,182, 8-12-58, Cl. 251-332.
- Mancusi, Joseph J., Jr., to Altair Inc. Fluid-seal construction. 2,857,184, 10-21-58, Cl. 286-26.
- Mancuso, Joseph P., and R. R. Maffett, to R. E. Bauer. Box forming machine. 2,860,549, 11-18-58, Cl. 93-51.
- Mand, John L., Jr.: *See*—
Edlund, Carl A., Mand, and Scheer. 2,846,058.
- Mandel, Elliot: *See*—
Perez, Anthony, and Goldsborough. 2,834,316.
- Mandel, Henri. Recording apparatus. 2,850,349, 9-2-58, Cl. 346-80.
- Mandel, Milton. Plurality of superposed cabinets. 2,853,350, 9-23-58, Cl. 312-107.
- Mandelburg, Benedict W., to Manville Boiler Co. Recirculating square boiler. 2,826,182, 3-11-58, Cl. 122-155.
- Mandelik, Bernard G., to Chemical Construction Corp. Production of highly concentrated nitric acid. 2,860,035, 11-11-58, Cl. 23-160.
- Mandelkehr, Maurice M., and C. L. Olson, to Radio Corp. of America. Voltage regulator. 2,839,717, 6-17-58, Cl. 323-22.
- Mandenko, Melvin A., and L. H. Belmer. Motorized hospital bed. 2,856,613, 10-21-58, Cl. 5-68.
- Mandlak, Louis. Dispenser for powdered substances. 2,823,487, 2-18-58, Cl. 43-146.
- Mandleco, James E. Switch actuating mechanism for hay balers. 2,824,184, 2-18-58, Cl. 200-61.18.
- Mandler, Walter: *See*—
Malfeld, Otto, Becker, Mandler, Koch, and Martin. 2,853,920.
- Mandler, Walter, to Ernst Leitz, G. m. b. H. Monochromator. 2,861,172, 11-18-58, Cl. 240-1.
- Mandrel Industries, Inc.: *See*—
Cox, David C. 2,825,456.
Cox, David C. 2,833,937.
Hoover, Michael C. 2,841,718.
- Manegold, John R. Elevatable self-operated invalid chair. 2,821,242, 1-28-58, Cl. 155-91.
- Manelia, Ercole J.: *See*—
Fischman, Harry H., and Manelia. 2,826,000.
- Manes, Myron M.: *See*—
Banford, William H., and Manes. 2,846,449.
- Manetti, Mario J. Dispensing container. 2,835,418, 5-20-58, Cl. 222-394.
- Mang, Robert. Cutout switch. 2,856,487, 10-14-58, Cl. 200-116.
- Mangan, Lawrence L., to Oneita Knitting Mills. Method of making shirts. 2,858,541, 11-4-58, Cl. 2-113.
- Manganese Chemicals Corp.: *See*—
Welsh, Jay Y. 2,834,726.
- Mangas, James E. Therapeutic electrical exerciser. 2,826,192, 3-11-58, Cl. 128-25.
- Mangel, John J., $\frac{1}{2}$ to California Electric Power Co. Method and apparatus for handling electric poles and the like. 2,828,872, 4-1-58, Cl. 214-16.
- Mangels, Hierold Co., Inc.: *See*—
Dorsett, Rowell R. 2,841,474.
- Manger, Charles W., and W. S. Struve, to E. I. du Pont de Nemours and Co. Organic pigments. 2,844,581, 7-22-58, Cl. 260-279.
- Mangham, Jesse R.: *See*—
Boyer, William P., and Mangham. 2,866,807.
- Mangham, Jesse R., to Virginia-Carolina Chemical Corp. Production of dialkyl hydrogen phosphites. 2,862,948, 12-2-58, Cl. 260-461.
- Mangham, Jesse R., to Virginia-Carolina Chemical Corp. Production of dialkyl hydrogen phosphites. 2,864,847, 12-16-58, Cl. 260-461.
- Mangin, Joseph L.: *See*—
McLaughlin, Frank H., and Mangin. 2,848,524.
- Mangin, Joseph L., to Titanium Metals Corp. of America. Consumable electrode arc furnace. 2,857,445, 10-21-58, Cl. 13-9.
- Mangis, Elmer F. Knife equalizer for stonecutter. 2,819,710, 1-14-58, Cl. 125-23.
- Mangold, Anthony J., Jr., J. W. Mahaffey, and S. L. Reese, to United States of America, Atomic Energy Commission. Ingot mold. 2,832,113, 4-29-58, Cl. 22-148.
- Mangold, Donald J.: *See*—
Faust, John P., Mangold, and Whitney. 2,849,290.
- Mangold, George B., J. A. Dyer, and J. T. Hart, to Florent H. Bailey. Permeable concrete. Re. 24,570, 11-25-58, Cl. 106-86.
- Manhard, Robert A., to California Research Corp. Methods and apparatus for shifting seismic record timing pulses. 2,836,717, 5-27-58, Cl. 250-27.
- Manhart, Charles E. Life rafts. 2,859,457, 11-11-58, Cl. 9-11.
- Manhart, Robert A., and A. E. Tilley, to California Research Corp. Recording of seismic data and recorder operating conditions. 2,850,108, 9-2-58, Cl. 181-5.
- Manheim Mfg. and Belting Co.: *See*—
Groff, James C. 2,848,901.
- Manila Mine Development Corp.: *See*—
Porro, Emo D., Eding, and Wilder. 2,823,113.
- Manildi, Joseph F., to G. M. Giannini & Co., Inc. Airstream direction indicator. 2,839,922, 6-24-58, Cl. 73-188.
- Manion, Jean P., to Olin Mathieson Chemical Corp. Chemical synthesis. 2,849,356, 8-26-58, Cl. 204-177.
- Manion, Peter M. Ash tray. 2,827,906, 3-25-58, Cl. 131-237.
- Maniscalco, Pietro, Sr. Compressor. 2,843,312, 7-15-58, Cl. 230-192.
- Maniscalco, Pietro, Sr. Compressor. 2,853,226, 9-23-58, Cl. 230-58.
- Manka, Dan P., to Jones & Laughlin Steel Corp. Solvent extraction process. 2,831,754, 4-22-58, Cl. 23-310.

- Manke, Gustave L.:** *See—*
Bliss, Harvey N., and Manke. 2,851,215.
- Manko, Joseph M.,** to Jones & Laughlin Steel Corp. Method of producing a dull finished fused tin coating. 2,839,437, 6-17-58, Cl. 1-18—6.14.
- Manley, Fred A.,** and F. H. Slaymaker, to General Dynamics Corp. Loudspeaker. 2,836,664, 5-27-58, Cl. 179—115.5.
- Manley, Fred A.,** and P. W. Ankerman, to General Dynamics Corp. Loudspeaker cone rim treatment. 2,863,520, 12-9-58, Cl. 181—31.
- Manley, Inc.:** *See—*
Waus, Samuel M. 2,843,037.
- Manley, Richard S.,** to The Dow Chemical Co. Method of inhibiting glycolysis with arylalkanol. 2,850,410, 9-2-58, Cl. 127—70.
- Manley, William O.,** to Bill Glover, Inc. Feeder unit for automatic washing machines. 2,854,038, 9-30-58, Cl. 141—67.
- Mann, Alan N.:** *See—*
De Jahn, Fredrik W. 2,824,793.
De Jahn, Fredrik W. 2,851,349.
De Jahn, Fredrik W. 2,862,808.
- Mann, Charles J.** Double-acting diaphragm chuck. 2,832,601, 4-29-58, Cl. 279—2.
- Mann, Chr. Maschinenfabrik:** *See—*
Kaiser, Johann. 2,820,255.
Kaiser, Johann. 2,842,805.
Kaiser, Johann. 2,849,754.
- Mann, Edward F.,** and F. R. Sibbald, to The Hoover Co. Floor polishers. 2,832,978, 5-6-58, Cl. 15—50.
- Mann, Frederick W.** Automatic lug wrench. 2,836,091, 5-27-58, Cl. 81—125.
- Mann, George, & Co. Ltd.:** *See—*
Kemp, William H. 2,827,840.
- Mann, Hans-Joachim,** to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the production of pentaerythritol trichlorohydrin. 2,835,709, 5-20-58, Cl. 260—633.
- Mann, Herman C.** Device for sharpening and jointing knives on a jointer, shaper and the like. 2,864,210, 12-16-58, Cl. 51—246.
- Mann, Jack E.:** *See—*
Schwerbel, George N., and Mann. 2,828,579.
- Mann, John:** *See—*
Olmstead, Philip J., and Mann. 2,849,960.
- Mann, John, and A. F. Hancy,** to Goulds Pumps, Inc. Air charging system for submersible pumps. 2,835,200, 5-20-58, Cl. 103—6.
- Mann, John,** to Goulds Pumps, Inc. Multi-stage centrifugal pump. 2,831,432, 4-22-58, Cl. 103—5.
- Mann, Julius W.,** and G. F. Russell. Arcuate, cylindrical and cup-shaped composite R. F. electrodes. 2,821,611, 1-28-58, Cl. 219—10.61.
- Mann, Julius W.,** and G. F. Russell. Composite electrode heat storage applicator. 2,824,200, 2-18-58, Cl. 219—10.53.
- Mann, Julius W.,** and G. F. Russell. Continuous immersion high frequency heating apparatus and process. 2,838,640, 6-10-58, Cl. 219—10.41.
- Mann, Julius W.,** and G. F. Russell. Process of heating dielectrics by extended toroidal electrode. 2,856,296, 10-14-58, Cl. 99—221.
- Mann, Karl E.,** and E. Riepert, to Vereinigte Leichtmetall-Werke Gesellschaft mit beschränkter Haftung. Apparatus for continuous casting. 2,861,302, 11-25-58, Cl. 22—57.2.
- Mann, Leonard J.:** *See—*
Murphy, John M., and Mann. 2,859,595.
Murphy, John M., and Mann. 2,863,300.
- Mann, Morley.** Wrench with box-type pivotable jaws ratchet-able on workpiece. 2,823,568, 2-13-58, Cl. 81—91.
- Mann, Oswald W.** Adjustor for the reception of lock catches. 2,863,692, 12-9-58, Cl. 292—341.18.
- Mann, Robert W.:** *See—*
Whicker, Joseph E., and Mann. 2,833,996.
- Mann, Theodore C.,** to Ekstrom-Carlson & Co. Machine for assembling universal joints. 2,861,328, 11-25-58, Cl. 29—208.
- Mann, Theodore C.,** to Ekstrom-Carlson & Co. Power operated router. 2,864,283, 12-16-58, Cl. 90—13.2.
- Mann, Theodore C.:** *See—*
Mann, Theodore H. and T. G. 2,844,665.
- Mann, Theodore H. and T. G.,** to Sound Engineering. Magnetic recording device. 2,844,665, 7-22-58, Cl. 179—100.2.
- Mann, Victor E.:** *See—*
Baker, George T., and Mann. 2,849,535.
- Mann, William, and B. Maloney,** to American Steel Foundries. Rotor brake. 2,840,193, 6-24-58, Cl. 188—73.
- Mannaioni, Righetto.** Electromagnets and more particularly in electromagnetic clutches. 2,848,085, 8-19-58, Cl. 192—84.
- Manne, Edward:** *See—*
Howe, Richard T., Manne, Morgan, Oom, and Spencer. 2,828,803.
- Manne, Edward T., E. B. Morgan, B. J. Oom, G. V. Spencer,** and G. L. Weaver, to American Seating Co. Folding chair with independent seat fold. 2,843,187, 7-15-58, Cl. 153—142.
- Manne, Stanley.** Cabinet having swinging drawers. 2,857,232, 10-21-58, Cl. 312—329.
- Manners, Maurice:** *See—*
Busby, Terence S., Manners, and Partridge. 2,830,348
- Mannesmann Aktiengesellschaft:** *See—*
Scholten, Karl E. 2,835,275.
Stoll, Karl. 2,848,251.
- Mannesmann-Meer Akt.:** *See—*
Boehm, Karl, and von Dorp. 2,833,024.
- Mannheimer, Albert.** Braille writing device. 2,850,812, 9-9-58, Cl. 35—38.
- Manning, Anna K. and R. L.** Garment keeper. 2,837,748, 6-10-58, Cl. 2—309.
- Manning, Clarence R.,** to International Business Machines Corp. Record controlled machine. 2,846,067, 8-5-58, Cl. 209—110.
- Manning, Earl J.:** *See—*
Zuiderweg, Frederik J., Manning, and Claridge. 2,862,697.
- Manning, Earl, Jr., and C. J. Kaemmerlen, Jr.,** to Shell Development Co. Bubble cap towers. 2,819,049, 1-7-58, Cl. 261—114.
- Manning, Edward V.:** *See—*
Breinig, Edward C., and Manning. 2,852,183.
- Manning, Fred W.** Horticultural fabrics. 2,830,404, 4-15-58, Cl. 47—1.
- Manning, George, and E. H. Granberry,** to West Point Mfg. Co. Tufting machine. 2,855,879, 10-14-58, Cl. 112—79.
- Manning, James J.** Camera apparatus especially adapted for the photographic identification of horses. 2,866,395, 12-30-58, Cl. 95—11.
- Manning, James L.** Motor support. 2,825,128, 3-4-58, Cl. 29—289.
- Manning Mfg. Corp.:** *See—*
Jones, Charles E., and Crowle. 2,841,405.
Jones, Charles E., and Crowle. 2,863,701.
- Manning, Maxwell & Moore, Inc.:** *See—*
Chapin, William S., Jr. 2,849,205.
Ingham, Robert J., Jr. 2,821,952.
Ochsner, Rolf H. 2,839,087.
Richter, Walter E. 2,845,877.
Wilson, Harold W. 2,843,350.
- Manning, Melvin L.,** to McGraw-Edison Co. (Pennsylvania Transformer Division). High temperature transformer construction or the like. 2,827,616, 3-18-58, Cl. 336—196.
- Manning, Ralph M.,** to General Electric Co. Timing mechanism. 2,832,408, 4-29-58, Cl. 161—1.
- Manning, Ralph M.,** and F. W. Truesdell, to General Electric Co. Circuit controller. 2,820,861, 1-21-58, Cl. 200—39.
- Manning, Russell L.:** *See—*
Manning, Anna K., and Manning. 2,837,748.
- Manning, Winston M., M. H. Studier, H. Diamond, and P. R. Fields,** to United States of America, Atomic Energy Commission. Process of producing Cm²⁴⁴ and Cm²⁴⁵. 2,859,095, 11-4-58, Cl. 23—14.5.
- Mannisto, Orville H.,** to Western Electric Co., Inc. Strip feeding mechanism. 2,866,638, 12-30-58, Cl. 271—2.5.
- Manno, Louis:** *See—*
Morley, Fred J., Jr., and Manno. 2,866,079.
Morley, Fred J., Jr., Manno, and Dixon. 2,845,524.
- Manocchia, John J.** Seesaw or teeter board. 2,839,298, 6-17-58, Cl. 272—54.
- Manocchia, John J.** Swing construction. 2,852,067, 9-16-58, Cl. 155—58.
- Manogue, Edward F.:** *See—*
Verwayen, John J., and Manogue. 2,825,979.
- Manquen, John W.,** to The Udylyte Research Corp. Electro-deposition of copper. 2,841,542, 7-1-58, Cl. 204—52.
- Mansbach, Alvin A.:** *See—*
Hirsch, Sidney, and Mansbach. 2,828,744.
- Man-Sew Corp.:** *See—*
Sigoda, Victor J. 2,818,826.
Sigoda, Victor J. 2,828,703.
- Mansfield, Herman,** to United States of America, Atomic Energy Commission. Preparation of metal powder compacts prior to pressing. 2,849,313, 8-26-58, Cl. 75—211.
- Mansfield, James H.** Air cleaner. 2,825,318, 3-4-58, Cl. 123—41.56.
- Mansfield, Richard C.:** *See—*
Schmidle, Claude J., and Mansfield. 2,847,414.
- Mansfield, Roland M.,** to Tek Bearing Co. Grease and oil seal. 2,850,311, 9-2-58, Cl. 288—13.
- Mansfield Sanitary Pottery, Inc.:** *See—*
Smith, Harry F. 2,818,576.
Smith, Harry F. 2,828,681.
Smith, Harry F. 2,833,302.
Smith, Harry F. 2,838,764.
- Mansfield, Walter O., Jr.:** *See—*
Stelmak, John P., Moore, and Mansfield. 2,836,702.
- Mansfield, Wilfred P.,** to British Internal Combustion Engine Research Association. Flame-trap means for limiting the effects of explosions. 2,863,512, 12-9-58, Cl. 169—1.
- Mansfield, Wilfred P., and A. H. Cornish,** to The British Internal Combustion Engine Research Association. Pressure indicators and recorders. 2,838,937, 6-17-58, Cl. 73—391.
- Mansfield, William R.** Injection device for internal combustion engines. 2,860,618, 11-18-58, Cl. 123—119.
- Manson, Walter J.:** *See—*
Kenmore, Herbert, and Manson. 2,863,615.
- Manspeaker, Robert O.:** *See—*
Keathley, Maurice F., Sr., and Manspeaker. 2,835,212.
- Manspeaker, Robert O.** Bakery apparatus and method. 2,843,038, 7-15-58, Cl. 99—438.
- Mansted, Svend A. J.** Dispensing device. 2,849,156, 8-26-58, Cl. 222—83.

- Manta, George L.: *See*—
Wagoner, Floyd M., and Manta. 2,856,063.
- Manta Vin-Car Steel Corp.: *See*—
Wagoner, Floyd M., and Manta. 2,856,063.
- Mantegna, Arturo. Seat cushions. Re. 24,529, 9-2-58, Cl. 155-179.
- Mantell, Gerald J., to E. I. du Pont de Nemours and Co. Alkylamidomethyl cellulose mono-ethers and process of making same. 2,837,511, 6-3-58, Cl. 260-231.
- Mantell, Gerald J., to E. I. du Pont de Nemours and Co. Activated cellulose ethers and process of preparing same. 2,837,512, 6-3-58, Cl. 260-231.
- Mantell, Samuel A. Fishing rod. 2,851,811, 9-16-58, Cl. 43-15.
- Manteuffel, Allan, and W. D. Gilson, to The Pure Oil Co. Power transmission fluids. 2,851,421, 9-9-58, Cl. 252-75.
- Manteuffel, Allan, P. R. Chapman, and G. R. Cook, to The Pure Oil Co. Automatic transmission fluid. 2,851,422, 9-9-58, Cl. 252-75.
- Manteuffel, Allan, and W. D. Gilson, to The Pure Oil Co. Sulfurized additives for lubricants. 2,855,366, 10-7-58, Cl. 252-78.
- Manteuffel, Allan A.: *See*—
Chapman, Paul R., and Manteuffel. 2,830,024.
Chapman, Paul R., Manteuffel, and Wolfram. 2,820,013.
Cook, George R., Cortiss, and Manteuffel. 2,846,393.
- Manteuffel, Allan A., and G. R. Cook, to The Pure Oil Co. Naphthenes as soluble oil emulsifiers. 2,826,549, 3-11-58, Cl. 252-42.1.
- Manteuffel, Allan A., E. W. Brennan, and J. B. Stucker, to The Pure Oil Co. Gear oil compositions. 2,830,952, 4-15-58, Cl. 252-46.6.
- Manteuffel, Allan A., and G. R. Cook, to The Pure Oil Co. Protective coating for ferrous type metal. 2,864,726, 12-16-58, Cl. 117-127.
- Manting, Jack F., to Hanchett Magna-Lock Corp. Magnetic dial feeder. 2,835,085, 5-20-58, Cl. 51-215.
- Manton-Gaulin Mfg. Co., Inc.: *See*—
Rees, Lancelot H. 2,832,573.
Rees, Lancelot H. 2,852,237.
Rees, Lancelot H., and Beck. 2,850,246.
- Mantz, Marius R., and J. Starreveld, to North American Philips Co., Inc. Radio receiver automatic gain control. 2,838,659, 6-10-58, Cl. 250-20.
- Mantz, Marius R., J. Starreveld, and H. J. Suermondt, to North American Philips Co., Inc. High-frequency multi-channel generator. 2,843,740, 7-15-58, Cl. 250-36.
- Mantzel, Albrecht-Wolf: *See*—
Deuring, Hans, and Mantzel. 2,830,637.
- Mantzel, Albrecht-Wolf, to Rand-Goetze Corp. Vehicle wheel. 2,830,636, 4-15-58, Cl. 152-49.
- Mantzel, Albrecht-Wolf, to Rand-Goetze Corp. Elastic wheel suspensions for vehicles. 2,830,826, 4-15-58, Cl. 280-96.2.
- Manzella, Carmen, $\frac{1}{2}$ to W. S. Paterson. Combination electrical outlet. 2,843,652, 7-15-58, Cl. 174-58.
- Manzke, Frederick O.: *See*—
Belott, Franklin R., and Manzke. 2,859,324.
- "Manufacture Alsacienne De Broches": *See*—
Raboisson, Joseph. 2,830,433.
- Manufacturers Supplies Co.: *See*—
Beck, Edwin H. 2,822,681.
- Manufactures de Produits Chimiques du Nord Etablissements Kuhlmann: *See*—
Fohanno, Henri E. J. 2,826,483.
- Manville Boiler Co.: *See*—
Mandelburg, Benedict W. 2,826,182.
- Manville, Charles J., to Manville Mfg. Corp. Brush lock. 2,822,559, 2-11-58, Cl. 15-128.
- Manville Mfg. Corp.: *See*—
Manville, Charles J. 2,822,559.
- Manwaring, Joshua G. D. Apparatus for radio frequency transformer control of electrical energy. 2,831,953, 4-22-58, Cl. 219-10.75.
- Mapes, Dwight B., to Pan American Petroleum Corp. Method for conducting gas-liquid-phase reactions. 2,823,220, 2-11-58, Cl. 260-451.
- Mapes, Dwight B., and T. P. Moote, Jr., to Pan American Petroleum Corp. Process for recovering chemicals from aqueous soap solutions. 2,846,460, 8-5-58, Cl. 260-450.
- Mapes, Leslie A. Process and apparatus for casing groups of articles such as bottles. 2,821,822, 2-4-58, Cl. 53-26.
- Maple Bros., Inc.: *See*—
Maple, Earl W. and R. L., and Miller. 2,857,635.
- Maple, Donald F. Article stacking machine. 2,827,179, 3-18-58, Cl. 214-6.
- Maple, Earl W. and R. L., and B. F. Miller, Jr., to Maple Bros., Inc. Miter joint. 2,857,635, 10-28-58, Cl. 20-92.
- Maple, Robert L.: *See*—
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- Maple, Ronald E. Collapsible tree form for Christmas cards and the like. 2,841,901, 7-8-58, Cl. 40-124.
- Maples, Richard E. Ventilated container. 2,851,526, 9-9-58, Cl. 179-1.
- Mapp, Alfred G.: *See*—
Chilman, John A., Mapp, and Cripps. 2,828,427.
- Maquinaria Petrolifera, S. A.: *See*—
Leman, Arthur L. 2,856,249.
- Marable, Jesse A. Internal skin and core cutter for metalite surfaces. 2,850,949, 9-9-58, Cl. 90-12.
- Marano, Herbert W., to Wilson Jones Co. Staple driving device. 2,824,307, 2-25-58, Cl. 1-3.
- Marano, Herbert W., to Wilson Jones Co. Deep throat stapler. 2,857,595, 10-28-58, Cl. 1-3.
- Marano, Herbert W., to Wilson Jones Co. Memorandum paper tray. 2,858,016, 10-28-58, Cl. 206-73.
- Marantette, William F., to Boeing Airplane Co. Load compensated voltage regulated power supplies. 2,825,023, 2-25-58, Cl. 323-22.
- Marantz, Israel H., to Columbia Cable & Electric Corp. Apparatus for feeding tubes. 2,834,455, 5-13-58, Cl. 203-75.
- Marasa, Frank: *See*—
Lewanda, William, Marasa, and Durst. 2,856,364.
- Marasco, Anthony D., and J. A. Blake, to J. B. Nottingham & Co., Inc. Cable connectors or couplers embodying novel circuit making and breaking devices. 2,824,183, 2-18-58, Cl. 200-51.09.
- Marasko, Edward J.: *See*—
Anthony, Kenneth H., and Marasko. 2,851,103.
- Marasso, Fred D., to American Machine & Foundry Co. Dough handling machine. 2,858,775, 11-4-58, Cl. 107-15.
- Marathon Corp.: *See*—
Hovland, Howard N. 2,826,349.
Rumberger, George G., and Charlton. 2,823,172.
- Marathon Electric Mfg. Corp.: *See*—
Burns, Stanley S., and Hornschuch. 2,844,101.
Foote, Richard L., and Fisher. 2,848,703.
- Marberg, Edwin H., to National Chemical & Mfg. Co. Method of preparing surface coatings. 2,819,738, 1-14-58, Cl. 141-1.
- Marble, Chester B., to General Electric Co. Electric clock cord storage device. 2,838,905, 6-17-58, Cl. 58-54.
- Marble, Wilbur K.: *See*—
Holaday, Charles J., Cooke, Marble, and Larrison. 2,825,026.
- Marblehead Lime Co.: *See*—
Niems, Lee H. 2,858,123.
- Marbury, Ralph E., to Westinghouse Electric Corp. Spark gap device. 2,828,436, 3-25-58, Cl. 313-185.
- Marbury, Thomas K. Soil irrigation system. 2,850,843, 9-9-58, Cl. 47-58.
- Marcanik, Antonin: *See*—
Tusa, John, and Marcanik. 2,832,974.
- Marceau, Albert. Bottle capping device. 2,841,939, 7-8-58, Cl. 53-310.
- Marcel, Jesse A. Utility power cord for television receivers. 2,821,692, 1-28-58, Cl. 339-163.
- Marcellus, Ada C. Safety shield for slide fasteners. 2,819,505, 1-14-58, Cl. 24-205.15.
- March, John J. Method of making a seamless conduit. 2,857,648, 10-28-58, Cl. 25-154.
- March Mfg. Co.: *See*—
Zimmermann, Frederick N. and W. E. 2,829,598.
- Marchand, Gaston A., to Roanwell Corp. Damped microphone. 2,847,520, 8-12-58, Cl. 179-180.
- Marchand, Gaston A., and D. W. Powers, to Roanwell Corp. Dynamic transducer. 2,862,069, 11-25-58, Cl. 179-115.5.
- Marchand, Nathan. Direction finding system. 2,853,705, 9-23-58, Cl. 343-113.
- Marchand, Nathan, and M. Semel, to International Telephone and Telegraph Corp. Phase comparison system. 2,850,730, 9-2-58, Cl. 343-120.
- Marchant Calculators, Inc.: *See*—
Dustin, Howard M., and Reynolds. 2,832,540.
Faigle, René. 2,829,821.
Nolde, George V., and Avery. 2,822,130.
Reynolds, Eugene E. 2,829,822.
Reynolds, Eugene E. 2,830,236.
- Marchant, Francis C. I., and J. E. Bell, to Bristol Aero-Engines Ltd. Combined anti-cing and generator cooling arrangement for a gas turbine engine. 2,827,760, 3-25-58, Cl. 60-39.09.
- Marchant, Paul A., to Injection Molding Co. Dropper assembly. 2,837,128, 6-3-58, Cl. 141-24.
- Marchant Research, Inc.: *See*—
Greene, George B. 2,839,613.
- Marchese, Frank J. Waistband stretcher. 2,835,421, 5-20-58, Cl. 223-61.
- Marchese, Theodore J., to International Telephone and Telegraph Corp. Traveling wave electron discharge devices. 2,833,955, 5-6-58, Cl. 315-3.5.
- Marcheski, Ruth E. Carton lifter. 2,860,000, 11-11-58, Cl. 294-28.
- Marchetti, Albert A.: *See*—
Sennstrom, Harold R., and Marchetti. 2,860,010.
- Marchetti, Augusto, to Gebrüder Buehler. Drier, in particular for food paste products, such as macaroni and the like. 2,857,685, 10-28-58, Cl. 34-86.
- Marchetti, Ugo P. Lock and strike plate location marking means. 2,858,617, 11-4-58, Cl. 33-194.
- Marchinkoski, Edward J.: *See*—
Mecier, Bernard C., and Marchinkoski. 2,821,320.
- Marchioli, Giorgio, and G. Gremigni. Process for shaping in a mold a moldable material in the form of hollow bodies of non-uniform cross section, by employing an inflatable inner bag and yielding elements placed on said inner bag. 2,865,079, 12-23-58, Cl. 25-128.
- Marchuk, Euphemia: *See*—
Teller, W. Kedzie, and Marchuk. 2,836,516.
- Marchuk, Vladimir: *See*—
Turner, Edgar P., Wendel, and Marchuk. 2,860,748.
- Marcin, Joseph J., to Spanjer Brothers, Inc. Display sign structure. 2,829,458, 4-8-58, Cl. 40-140.

- Marcis, Andrew, and P. D. Haas, to The Glidden Co. Hammer metal finish and resinous film-forming material therefor. 2,823,190, 2-11-58, Cl. 260-22.
- Marco Industries Co., Inc.: *See—*
Harrington, Frank A., and Jentges. 2,821,700.
Harrington, Frank A., and Jentges. 2,847,559.
Rodgers, George H. 2,840,804.
- Marco Industries, Inc.: *See—*
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- Marcoccio, Mario A. Game stick. 2,826,417, 3-11-58, Cl. 273-129.
- Marconi's Wireless Telegraph Co. Ltd.: *See—*
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Rust, Noel M. 2,825,056.
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Byatt, Dennis, and Hatch. 2,836,817.
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Cressell, Ian G. A. 2,840,885.
Jesty, Leslie C., and Pheip. 2,842,611.
Miller, Alan. 2,840,711.
Starks-Field, Alfred B., Keall, and Priestley. 2,841,784.
Wright, Peter M., and Brandon. 2,841,758.
Wright, Peter M., and Kwasieboriski. 2,831,974.
Wright, Peter M., and Ramsay. 2,850,728.
Wright, William L. 2,841,769.
- Marcot, Guy C., S. P. Todd, and S. A. Lamanna, to Fabriques de Produits Chimiques de Thann et de Mulhouse. Preparation of gaseous streams comprising $TiCl_4$ and $AlCl_3$. 2,824,050, 2-18-58, Cl. 202-57.
- Marcotte, James L. Paper Mate of Puerto Rico, Inc. Cam type retractable mechanisms. 2,865,331, 12-23-58, Cl. 120-42.3.
- Marcotte, M. C.: *See—*
Brenner, Claude M. 2,838,228.
- Marcoux, Arthur, to Douglas Aircraft Co., Inc. Multiple rivet setting tool. 2,835,150, 5-20-58, Cl. 78-49.
- Marcroft, Harold C. Animal guard for electrical equipment. 2,840,631, 6-24-58, Cl. 174-140.
- Marcucio, Stephen, and H. Brodsky, to American Cyanamid Co. Process for edge-gluing wooden elements. 2,834,705, 5-13-58, Cl. 154-126.5.
- Marcum, Charles R.: *See—*
Boyer, John L., and Marcum. 2,825,022.
- Marcum, Richard L. Wallboard cutter for outlet boxes. 2,830,662, 4-15-58, Cl. 164-94.
- Marcus, Charles A.: *See—*
Marcus, Joseph and C. A. 2,820,548.
- Marcus, Jerome R., to Western Electric Co., Inc. Adjustable throw cranks. 2,834,224, 5-13-58, Cl. 74-571.
- Marcus, Joseph and C. A. Syphon and filtering means for an aquarium. 2,820,548, 1-21-58, Cl. 210-169.
- Marcus, Paul: *See—*
Minnehan, Milton J., and Marcus. 2,866,337.
- Marcus, Stanley J. Acceleration responsive device. 2,859,293, 11-4-58, Cl. 200-61.47.
- Marcuse, Harry M. Mop bucket. 2,849,588, 8-26-58, Cl. 219-38.
- Marcuse, Moses M., and L. H. Morin, to West Disinfecting Co. Paper towel dispensers. 2,823,968, 2-18-58, Cl. 312-39.
- Marcuse, Moses M., and L. H. Morin, to West Disinfecting Co. Lever actuated paper towel dispenser. 2,828,124, 3-25-58, Cl. 271-2.3.
- Marcuse, Moses M., and L. H. Morin, to West Chemical Products, Inc. Dispenser for fanfold towels. 2,850,345, 9-2-58, Cl. 312-39.
- Marcuvitz, Nathan, to United States of America, Navy. Resonant cavity type wave guide probe. 2,838,670, 6-10-58, Cl. 250-31.
- Marcy, Alfred R., Jr., and S. Landell, to General Motors Corp. Fabricated grille structure. 2,854,104, 9-30-58, Cl. 189-82.
- Marden, Carleton S., to National Products Corp. Shielded ignition coil. 2,840,622, 6-24-58, Cl. 123-148.
- Marden, Donald S., to Northrop Aircraft, Inc. Butterfly valve seal. 2,843,353, 7-15-58, Cl. 251-192.
- Marder, Leo. Brush construction. 2,857,609, 10-28-58, Cl. 15-176.
- Marechal, Greer, Jr.: *See—*
Fisher, Chester D., and Marechal. 2,865,521.
- Marek, James F. Safety device for refrigerators. 2,818,825, 1-7-58, Cl. 109-63.5.
- Maremont Automotive Products, Inc.: *See—*
Milne, Donald Y. 2,844,210.
- Marepa Trust Ltd.: *See—*
Moore, Walter G. 2,849,732.
- Mares, Lodovico. Portable fishing guns for throwing fishing spear by means of compressed gas. 2,833,266, 5-6-58, Cl. 124-11.
- Mares, Vojtech, to Zavod Marsala Rybalka, narodni podnik, Decin. Vacuum distilling apparatus. 2,855,345, 10-7-58, Cl. 202-205.
- Maresh, Herbert D.: *See—*
Blackburn, Charles W., and Maresh. 2,840,272.
- Margason, Jack V.: *See—*
Campbell, Donald A., and Margason. 2,840,153.
- Margate Corp.: *See—*
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- Marggraf, Kurt A., to Ampatco Laboratories Corp. Motion responsive apparatus. 2,846,207, 8-5-58, Cl. 264-1.
- Marggraf, Kurt A., and W. F. Massmann, to Ampatco Laboratories Corp. Automatic pilot control system. 2,831,155, 4-15-58, Cl. 313-189.
- Margida, Frank J., to Saf-T-Brake Valve Co., Inc. Safety valve for hydraulic brake systems. 2,854,016, 9-30-58, Cl. 137-118.
- Marglen, Juliette, Inc.: *See—*
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- Mar-Gold Corp., The: *See—*
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- Margolin, Harold, and W. F. Kirk, to Kennecott Copper Corp. Titanium base alloys. 2,860,971, 11-18-58, Cl. 75-175.5.
- Margon Corp.: *See—*
Bashover, Albert. 2,855,723.
Bashover, Albert. 2,856,730.
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Pruplis, Robert I. 2,828,581.
Pacholik, Bohdan S. 2,856,731.
- Margraf, Harry J.: *See—*
MacGlashan, William F., Jr., Margraf, and Seitz. 2,851,056.
MacGlashan, William F., Jr., Margraf, and Seitz. 2,854,998.
- Margot, Alfred, and H. Gysin, to J. R. Geigy, A.-G. New derivatives of dicarboxylic acid hydrazides and their use in the combatting of fungi. 2,819,267, 1-7-58, Cl. 260-250.
- Margot, Alfred, and H. Gysin, to J. R. Geigy, A.-G. Process for the production of new pyridazine derivatives and their use as fungicides. 2,835,626, 5-20-58, Cl. 167-33.
- Margot, Alfred, and H. Gysin, to J. R. Geigy A.-G. New pyrimidine derivatives. 2,839,446, 6-17-58, Cl. 167-33.
- Margreiter, Hans: *See—*
Brunner, Richard, Margreiter, and Riedl. 2,820,789.
- Margulis, Bernard, to Reliable Metal Products Co., Inc. Bathroom fixtures. 2,864,578, 12-16-58, Cl. 248-223.
- Margulis, Joseph M. Expansion wall fastener unit. 2,819,792, 1-14-58, Cl. 206-47.
- Margulis, Joseph M., T. L. Ford, Jr., and G. Bohnenberger. Hopper for hooks. 2,858,960, 11-4-58, Cl. 221-160.
- Margulies, Paul H., and H. E. Winters, Jr., to Food Machinery and Chemical Corp. Graining zinc offset plates. 2,860,039, 11-11-58, Cl. 41-42.
- Marhofer, Edwin G.: *See—*
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- Marhofer, Edwin G., to Spencer Chemical Co. Preparation of hydroxylamine. 2,827,363, 3-18-58, Cl. 23-190.
- Mariani, Frank: *See—*
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- Mariani, Giuseppe, L. Notarbartolo, and W. Munch, to Perfogit Società per Azioni. Crimping mechanism. 2,820,278, 1-21-58, Cl. 28-1.
- Mariani, Nazzareno J., and S. Bianco. Machine for distributing road building materials. 2,830,510, 4-15-58, Cl. 94-44.
- Marie, Georges, to Tavannes Watch Co., S. A. Self-winding watch or timepiece operated through a swinging weight. 2,857,733, 10-28-58, Cl. 53-82.
- Marie, Georges R. P. Amplifying circuit for micro-waves, especially millimeter waves. 2,825,765, 3-4-58, Cl. 179-171.
- Marie, Georges R. P. Mode transforming wave guide transition. 2,859,412, 11-4-58, Cl. 333-21.
- Marie, Georges R. P. Frequency converter comprising resonant cavity having thin supraconductive walls and direct magnetic field. 2,863,998, 12-9-58, Cl. 250-20.
- Marié, Georges R. P. Ultra-high frequency band separating filters. 2,866,595, 12-30-58, Cl. 333-73.
- Marié, Pierre G. Magnetron tube. 2,843,800, 7-15-58, Cl. 315-39.
- Marié, Pierre G. Resonant directional couplers for millimetric wave lengths. 2,854,636, 9-30-58, Cl. 333-10.
- Marié, Pierre G. Multichannel filter. 2,864,061, 12-9-58, Cl. 333-73.
- Marien, Clement S., to Swank, Inc. Key holder. 2,855,775, 10-14-58, Cl. 70-159.
- Marien, Melvin W., to Ramsey Corp. Oil control ring. 2,830,861, 4-15-58, Cl. 309-45.
- Marien, Melvin W., to Ramsey Corp. Piston rings. 2,831,738, 4-22-58, Cl. 309-45.
- Marien, Melvin W., to Ramsey Corp. Fluid control ring. 2,852,324, 9-16-58, Cl. 309-43.
- Marien-Metal Products Co.: *See—*
Marsh, Lyle L. 2,845,714.
- Mariotta, Michael T. Respirator protecting shell. 2,827,900, 3-25-58, Cl. 128-141.
- Mariette, Graham F., to Flight Refueling Inc. Valve devices for controlling the flow of fluids. 2,833,299, 5-6-58, Cl. 137-221.
- Marietti, Primo. Internal combustion engine. 2,863,431, 12-9-58, Cl. 123-90.
- Marinaro, Armand M., L. Brickman, J. E. S. Holden, and M. A. D. Vickery, to Johnson & Johnson. Method of sterilizing plaster of Paris surgical dressings. 2,831,749, 4-22-58, Cl. 21-57.
- Marindin, Frederick R., to Doran Brothers, Inc. Container capping machine. 2,842,913, 7-15-58, Cl. 53-67.
- Marine Controls Laboratories: *See—*
Boylan, Frank V. 2,842,163.
- Marine Specialty Mfg. Co.: *See—*
Yeo, Edward T. 2,840,898.

- Marino, Frank C., to Bell Telephone Laboratories, Inc. Diode test set. 2,847,646, 8-12-58, Cl. 324-158.
- Marino, Frank J. Cargo hatch tent. 2,849,010, 8-26-58, Cl. 135-1.
- Marino, Nicholas A. Plastic shoulder straps for undergarments. 2,849,723, 9-2-58, Cl. 2-323.
- Marinsky, Isaac. ¹/₂ to J. Marinsky. Ball and race toy. 2,820,319, 1-21-58, Cl. 46-42.
- Marinsky, Jacob: *See—*
- Marinsky, Isaac. 2,820,319.
- Marion, Jimmie W. and M. J. Snelled fish hook retainer. 2,826,856, 3-18-58, Cl. 43-57.5.
- Marion, Mae J.: *See—*
- Marion, Jimmie W. and M. J. 2,826,856.
- Marioness & Co., Inc.: *See—*
- Lowe, Frederick K. 2,854,051.
- Mariotte, Eugene S. Collapsible golf cart. 2,841,408, 7-1-58, Cl. 280-38.
- Mariotti, Paul G., and L. M. Vallese, to United States of America, Navy. Electromechanical continuous scan contact probe. 2,833,900, 5-6-58, Cl. 201-62.
- Maris, Elwood S., Sr., to Radio Corp. of America. Spindle adapter. 2,858,134, 10-28-58, Cl. 274-10.
- Marisic, Milton M., and L. E. Hutchings, to The Pure Oil Co. Sulfonation of petroleum oils. 2,828,331, 3-25-58, Cl. 260-504.
- Marissal, Georges. Process and installation for the collection, activation and culture of planktonic complexes contained in mineral waters. 2,866,297, 12-30-58, Cl. 47-58.
- Mark, Irving: *See—*
- Pellet, Lester R., and Mark. 2,832,088.
- Mark, Irving, to L. R. Pilet. Folding brush. 2,844,836, 7-29-58, Cl. 15-203.
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- Mark, Victor, to Universal Oil Products Co. Sulfo-esters of alcohols bearing a hydrophilic substituent. 2,831,013, 4-15-58, Cl. 260-456.
- Markad Co., The: *See—*
- Ginsberg, Leon. 2,845,494.
- Markel Electric Products, Inc.: *See—*
- Markel, Morris L., and Grant. 2,852,657.
- Markel, John M., W. R. Schmidt, and A. R. Zellmer, to J. I. Case Co. Tractor mounted loader. 2,837,229, 6-3-58, Cl. 214-140.
- Markel, Morris L., and C. Grant, to Markel Electric Products, Inc. Heater. 2,852,657, 9-16-58, Cl. 219-39.
- Markels, Michael, Jr. Apparatus for horizontal distillation. 2,863,808, 12-9-58, Cl. 202-158.
- Marker, Charles M.: *See—*
- Mees, Robert D., and Marker. 2,866,955.
- Marker, Hannes. Ski binding having swivelable heel securing means. 2,836,428, 5-27-58, Cl. 280-11.35.
- Marker, Hannes. Automatically releasable ski binding. 2,858,137, 10-28-58, Cl. 280-11.35.
- Marker, William M., to Trade-Wind Motorfans, Inc. Ventilating fan. 2,828,682, 4-1-58, Cl. 98-43.
- Markert, Hans: *See—*
- Haas, Hermann, Markert, and Lietz. 2,842,462.
- Markos, Robert O. Ribbon protector. 2,849,096, 8-26-58, Cl. 197-151.
- Markestein, John, and C. H. Patrie, to General Motors Corp. Railway vehicle suspension. 2,843,057, 7-15-58, Cl. 105-180.
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- Hammond, Romeyn S., and Siegfried. 2,838,875.
- Markham, Basil G., and R. M. Denning, to Bristol-Engines Ltd. Means for removing moisture from a gas. 2,838,132, 6-10-58, Cl. 183-110.
- Markle, Edward D. Optical axis alignment device. 2,819,533, 1-14-58, Cl. 33-180.
- Markle, George M. Spring seat construction. 2,829,706, 4-8-58, Cl. 155-179.
- Markle, Harry A., Jr., to Fuller Co. Horizontal heat-exchange apparatus. 2,846,778, 8-12-58, Cl. 34-164.
- Markley, Francis X., and M. L. Larson, to Ethyl Corp. Ester manufacture process. 2,866,806, 12-30-58, Cl. 260-461.
- Markley, William F., and M. Haifter, to The Western Union Telegraph Co. Molded modular terminal block. 2,857,583, 10-21-58, Cl. 339-198.
- Markman, Moe, to The Miracle Strip Corp. Tackless rug fastener means. 2,846,712, 8-12-58, Cl. 16-16.
- Markow, George R., to Bailey Meter Co. Telemetering system. 2,835,884, 5-20-58, Cl. 340-183.
- Markowitz, Oscar. Overvoltage fault detection means in electric generating systems. 2,847,618, 8-12-58, Cl. 317-13.
- Markowitz, Oscar. Method and circuit techniques to deactivate a generator after a fault. 2,855,546, 10-7-58, Cl. 317-16.
- Markowski, Edwin P., to Barry Controls Inc. Vibration isolator. 2,828,934, 4-1-58, Cl. 248-358.
- Marks, Barnard M., to E. I. du Pont de Nemours and Company. Method for recovering fluorinated stabilizer. 2,863,889, 12-9-58, Cl. 260-408.
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- Marks, Charles B., and W. L. Tenney. Resonant intermittent combustion heaters and system. 2,853,995, 9-30-58, Cl. 126-110.
- Marks, Eugene A., and A. A. Ferguson, to Bourns Laboratories, Inc. Switches. 2,850,590, 9-2-58, Cl. 200-61.53.
- Marks, Graham W.: *See—*
- Runquist, Ernest M., and Marks. 2,833,142.
- Marks, Ivan R. Pneumatic tire spreader. 2,821,361, 1-28-58, Cl. 254-50.3.
- Marks, Joseph D. Tone arm for sound reproduction. 2,862,716, 12-2-58, Cl. 274-23.
- Marks, Lou F., and L. Louik, to Bruce Molded Plastics Products, Inc. Frame for mirror in train case. 2,846,800, 8-12-58, Cl. 40-152.
- Marks, Lou F., and L. Louik, to Haskell Mfg. Co. Card file. 2,860,642, 11-18-58, Cl. 129-31.
- Marks, Louis W., to General Electric Co. Clamping device. 2,859,056, 11-4-58, Cl. 237-20.3.
- Marks, Mark M., to Clyserol Laboratories, Inc. Valve for a liquid applicator tube assembly for giving enemas or the like. 2,819,864, 1-14-58, Cl. 251-7.
- Marks, Meyer, to Zenith Radio Corp. Wave-signal receivers. 2,837,599, 6-3-58, Cl. 179-2.5.
- Marks, Morris M.: *See—*
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- Marks, Ronald H. Automatic mechanism for closing and cutting paper seamless circular tubular knitted products. 2,819,467, 1-14-58, Cl. 1-125.
- Marks, Saul H., to Phoenix Closet Accessories, Inc. Wall compartment for garment bags. 2,821,295, 1-28-58, Cl. 206-10.
- Markson, Alfred A., to Hagan Chemicals & Controls, Inc. Force responsive devices. 2,842,147, 7-8-58, Cl. 137-85.
- Markstone Mfg. Co.: *See—*
- Horwitz, Marvin A. 2,835,791.
- Markus, George, and M. Seigel, to Aristocrat Leather Products, Inc. Method of applying appliques. 2,859,152, 11-4-58, Cl. 154-116.
- Marky, Herbert L., to Kerag Kesselschmiede, Apparate- und Maschinenbau. Electrical glow discharge ozonizer. 2,862,865, 12-2-58, Cl. 204-318.
- Marland, Joseph A., to Marland One-Way Clutch Co. One-way automatic backstops. 2,865,474, 12-23-58, Cl. 188-82.84.
- Marland One-Way Clutch Co.: *See—*
- Marland, Joseph A. 2,865,474.
- Marlatt, Paul E.: *See—*
- Rayman, Douglas E., and Marlatt. 2,857,407.
- Marlen Equipment Corp.: *See—*
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- Marley Co., The: *See—*
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- Stone, Richard J. 2,858,677.
- Marley, John, to Hazeltine Research, Inc. Electron-beam deflection yoke. 2,831,997, 4-22-58, Cl. 313-76.
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- Marlin-Rockwell Corp.: *See—*
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- Marlow, John: *See—*
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- Marmet Corp.: *See—*
- Ringle, John, III. 2,839,166.
- Marmo, Anthony B., to Westinghouse Electric Corp. Thermally actuated switch. 2,824,192, 2-18-58, Cl. 200-122.
- Marmo, Michael J.: *See—*
- Gerber, Clifford F., Armstrong, and Marmo. 2,829,085.
- Marmorstone, Robert J.: *See—*
- Sperry, Albert F., and Marmorstone. 2,820,217.
- Marmorstone, Robert J., to Panellit Inc. Control and annunciator systems. 2,825,894, 3-4-58, Cl. 340-213.
- Marogg, Richard, to Peter J. Schweitzer, Inc. Method and apparatus for making filter rods. 2,849,932, 9-2-58, Cl. 93-1.
- Marohn, Herbert, H. Eckhard, and T. Immesberger, to G. M. Pfaff A.-G. Conveyors. 2,839,178, 6-17-58, Cl. 198-85.
- Maron, Andrew J., Jr. Weatherproof enclosure primarily for electrical apparatus. 2,825,483, 3-4-58, Cl. 220-29.
- Maron, Irving, to Radio Corp. of America. Information handling system. 2,848,607, 8-19-58, Cl. 250-27.
- Maron, Meyer, to Allan B. Du Mont Laboratories, Inc. Sensitivity adjusting circuit. 2,826,717, 3-11-58, Cl. 315-23.
- Marosi, Michael N. Aluminum surfacing. 2,836,526, 5-27-58, Cl. 148-6.24.
- Maroth, Arthur M. Torque converting apparatus. 2,836,985, 6-3-58, Cl. 74-424.8.
- Marotta, Ralph, and R. D. Swisher, to Monsanto Chemical Co. Preparation of 1,5-naphthalene disulfonyl chloride. 2,827,487, 3-18-58, Cl. 260-543.
- Marovich, Frank A.: *See—*
- Jones, William E., and Marovich. 2,854,230.
- Marple, Rollo, to Hancock Industries Inc. Door lock. 2,854,275, 9-30-58, Cl. 292-279.
- Marquad, Oscar: *See—*
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- Drake, John A. 2,857,742.
- Drake, John A. 2,864,393.
- Laucher, Richard G. 2,831,321.

- Marquardt, John A., to Streeter-Ames Co. Car actuated circuit controller. 2,847,562, 8-12-58, Cl. 246-249.
- Marquardt, Marvin G. Folding laundry cart. 2,823,923, 2-18-58, Cl. 280-36.
- Marquette Engineering Co.: See—
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- Marquez, Charles L., Jr.: See—
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- Marquez, Danny C. Mat weaving. 2,864,178, 12-16-58, Cl. 35-15.
- Marquez, Louis R., to Atlas Specialty Mfg. Co. Seat cover. 2,844,192, 7-22-58, Cl. 155-182.
- Marquis, Donald P.: See—
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- Marquis, John F., to Littell Inc. Circuit breaker. 2,841,671, 7-1-58, Cl. 200-113.
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- Marr, Garner K. Method and apparatus for trimming floor tile. 2,855,690, 10-14-58, Cl. 33-174.
- Marrett, Henry R., to Airmed Ltd. Apparatus for the administration of anaesthetics. 2,839,055, 6-17-58, Cl. 128-188.
- Marriett, Frank J., to Thomas Industries Inc. Lamp fixture and shade support. 2,863,040, 12-2-58, Cl. 240-78.
- Marris, Richard Q., to Ultra Electric, Inc. Collapsible aerials. 2,840,199, 6-24-58, Cl. 189-26.
- Marrison, Warrent A., to Bell Telephone Laboratories, Inc. Heat-controlled acoustic wave system. 2,836,033, 5-27-58, Cl. 60-24.
- Marrufo, Angelo. Combined fountain pen, spectacles and comb case. 2,850,152, 9-2-58, Cl. 206-37.
- Marryatt, Earl A., 50% to A. C. Kidd. Combination ladder and chute. 2,864,542, 12-16-58, Cl. 228-2.
- Marryatt, Earl A. Cargo hooks. 2,864,644, 12-16-58, Cl. 294-83.
- Marsak, Bernard. Shoe shine kit. 2,830,312, 4-15-58, Cl. 15-108.
- Marsal, Paul A., to Union Carbide Corp. Duplex electrodes. 2,824,165, 2-18-58, Cl. 136-122.
- Marsal, Paul A. and N. M. Potter to Union Carbide Corp. Constant frequency battery operated relaxation oscillator. 2,864,009, 12-9-58, Cl. 307-132.
- Marshall, Frederick W., to United States of America, Air Force. Method and means for pulse width discrimination. 2,841,710, 7-1-58, Cl. 250-27.
- Marsden, Charles F., Jr.: See—
Mirviss, Stanley B., and Marsden. 2,865,900.
- Marsden, George B., to Chicago Nipple Mfg. Co. Pipe cut-off machines. 2,860,706, 11-18-58, Cl. 164-61.
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- Marsden, Ross S., Jr., to Phillips Petroleum Co. Flame turbulence analyzer. 2,820,945, 1-21-58, Cl. 324-33.
- Marsell, Paul H. Combined torque changer and variable speed transmission. 2,830,470, 4-15-58, Cl. 74-752.
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- Marsh, Byron E., P. L. Du Brow, R. L. Betcher, F. W. Smith, and A. Cizek, to Armour and Co. Fuel oil compositions. 2,851,344, 9-9-58, Cl. 44-71.
- Marsh, Byron E., P. L. Du Brow, R. L. Betcher, F. W. Smith, and A. Cizek, to Armour and Co. Fuel oil compositions. 2,851,345, 9-9-58, Cl. 44-71.
- Marsh, Byron E., and R. L. Betcher, to Armour and Co. Anti-slaking buffing compositions. 2,847,290, 8-12-58, Cl. 51-304.
- Marsh, Fayette E., I. W. Anspach, and I. W. McRoberts, to Wyatt Mfg. Co. Dump vehicle tilting mechanism. 2,842,396, 7-8-58, Cl. 298-22.
- Marsh, Frederick W., to Kestral Corp. Valve for inflatable article. 2,839,073, 6-17-58, Cl. 137-232.
- Marsh, Gareld E., to General Railway Signal Co. Polarized relay. 2,832,866, 4-29-58, Cl. 200-93.
- Marsh, Gerald C., E. J. Wilson, and J. W. Kershaw, to Westinghouse Brake & Signal Co. Ltd. Automatic couplers for railway and like vehicles. 2,834,481, 5-13-58, Cl. 213-76.
- Marsh, Glenn A., to The Pure Oil Co. Mitigating corrosion in oil well casing. 2,829,099, 4-1-58, Cl. 204-197.
- Marsh, Glenn A., to The Pure Oil Co. Method and apparatus for detecting stray current corrosion. 2,839,722, 6-17-58, Cl. 324-30.
- Marsh, Herbert L. Actuator for beer faucets. 2,851,641, 9-9-58, Cl. 317-198.
- Marsh, James H. Chain saw. 2,843,164, 7-15-58, Cl. 143-32.
- Marsh, John T., G. Bell, and A. G. Thompson, to Tootal Broadhurst Lee Co. Ltd. Treatment of cellulosic textile materials. 2,839,429, 6-17-58, Cl. 117-139.4.
- Marsh, John T., and R. A. Blease, to Tootal Broadhurst Lee Co. Ltd. Process for the treatment of fabrics with resinous condensation products. 2,859,136, 11-4-58, Cl. 117-145.
- Marsh, Leon A.: See—
Moyer, Harold W. 2,839,608.
- Marsh, Luther, to Griffith Tool Works, Inc. Head and handle assembly for striking tools. 2,846,277, 8-5-58, Cl. 306-29.
- Marsh, Lytle L., to Marien-Metal Products Co. Volumetric paint mixer. 2,845,714, 8-5-58, Cl. 33-126.7.
- Marsh, Peter R., to Driver-Harris Co. Alloy. 2,839,396, 6-17-58, Cl. 75-171.
- Marsh, Peter R., to Driver-Harris Co. Alloys assistant to salt baths. 2,864,694, 12-16-58, Cl. 75-128.
- Marsh, Richard E., to The Hallicrafters, Transistor amplifier circuit. 2,842,624, 7-8-58, Cl. 179-171.
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- Marsh, Roger, to Weapons, Inc. Firearm with transversely movable barrel chamber. 2,865,255, 12-23-58, Cl. 89-163.
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- Marsh Stencil Machine Co.: See—
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Hempel, Herbert W. 2,850,924.
- Marsh, Waldo G. Adjustable basketball backboard support. 2,831,689, 4-22-58, Cl. 273-1.5.
- Marshall, Asa C. Grubbing attachment for traction vehicles. 2,821,360, 1-28-58, Cl. 254-132.
- Marshall, Charles W., to G. D. Searle & Co. 3,5-dienic-7-oxopregnane derivatives and processes. 2,862,935, 12-2-58, Cl. 260-397.4.
- Marshall, Charles W., and R. H. Mazur, to G. D. Searle & Co. 16-cyano-7-oxopregnolone and derivatives. 2,824,882, 2-25-58, Cl. 260-397.4.
- Marshall, Charles W., and R. H. Mazur, to G. D. Searle & Co. 16-cyanopregna-3,5-diene-7,20-diones. 2,840,576, 6-24-58, Cl. 260-397.3.
- Marshall, Clifton W. Pendulum ejection system. 2,845,240, 7-29-58, Cl. 244-137.
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- Marshall, Don J., 1/2 to M. H. Wentz. Portable power-operated tire removing tool. 2,844,194, 7-22-58, Cl. 157-1.26.
- Marshall, Donald E., to Westinghouse Electric Corp. Electric discharge device. 2,840,737, 6-24-58, Cl. 313-13.
- Marshall, Donald G.: See—
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- Marshall, Edmund V., to Chance Vought Aircraft, Inc. Oil cooling and drag reducing system. 2,865,580, 12-23-58, Cl. 244-57.
- Marshall, Edwin R., and L. A. Monson, to E. I. du Pont de Nemours & Co. Process for purifying refractory metal subchloride compositions. 2,845,341, 7-29-58, Cl. 75-1.
- Marshall, Eleanor M., and M. K. Hunt. Convertible garment construction and method for making same. 2,850,741, 9-9-58, Cl. 2-227.
- Marshall, Harrison W., to Buensod-Stacey, Inc. Air conditioning apparatus. 2,819,023, 1-7-58, Cl. 236-13.
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- Marshall, John W. Rotary machine. 2,828,695, 4-1-58, Cl. 103-117.
- Marshall, Leonard J., to Combustion Engineering, Inc. Package boiler using controlled circulation. 2,823,651, 2-18-58, Cl. 122-235.
- Marshall, Leonard J., to Combustion Engineering, Inc. Heat exchanger. 2,841,102, 7-1-58, Cl. 110-106.
- Marshall, Norman M. Ski climber. 2,838,318, 6-10-58, Cl. 280-11.13.
- Marshall, Preston E., 1/2 to J. R. McKinley. Automobile parking apparatus. 2,864,515, 12-16-58, Cl. 214-16.1.
- Marshall, Richard M. Display device. 2,844,894, 7-29-58, Cl. 40-33.
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- Martell, Arthur E.: *See*—
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- Martens, Daniel G. Safety spring locks. 2,842,631, 7-8-58, Cl. 200-61.67.
- Martens, Jack E., and D. C. Beyer, to Ford Motor Co. Door lock. 2,859,998, 11-11-58, Cl. 292-280.
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- Marti, Arnold, to Bureautechnik A. G. Self-locking pedestal drafting table. 2,860,938, 11-18-58, Cl. 311-36.
- Marti, Fritz, to Lonza Electric and Chemical Works Ltd. Multilayer press. 2,864,127, 12-16-58, Cl. 18-16.
- Marti, Fritz, and G. Braunschweig. Lever escapement. 2,819,584, 1-14-58, Cl. 58-121.
- Marti, Fritz, G. Braunschweig, and J. Schaad. Instrument for checking the rate of time-piece movements. 2,849,273, 8-26-58, Cl. 346-78.
- Marti, Fritz, G. Braunschweig, and J. Schaad. Instrument for checking the rate of time-piece movements. 2,864,661, 12-16-58, Cl. 346-79.
- Martignoni, Walter L.: *See*—
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- Martin, Alfred W., to Celanese Corp. of America. Mesityl oxide. 2,827,490, 3-18-58, Cl. 260-596.
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- Martin, Antone D.: *See*—
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- Johnson, Lloyd A., Christensen, and Martin. 2,837,355.
- Martin, Arthur S. Detachable door handle. 2,843,413, 7-15-58, Cl. 292-343.
- Martin, Bernard. Compressor circuit. 2,849,546, 8-26-58, Cl. 179-171.
- Martin, Calvin L.: *See*—
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- Martin, Cecil G., to Jack & Heintz, Inc. Air pressure control means for air turbine drive systems. 2,863,288, 12-9-58, Cl. 60-62.
- Martin, Charles F., to Pipe Linings, Inc. Pipe lining device. 2,819,508, 1-14-58, Cl. 25-38.
- Martin, Charles F., to the United States of America as represented by the United States Atomic Energy Commission. Photosensitive relay control circuit. 2,820,182, 1-14-58, Cl. 317-130.
- Martin, Charles L.: *See*—
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- Martin, Donald K.: *See*—
Cone, Carroll, and Martin. 2,849,221.
- Martin, Donnan, and A. H. Parker, to E. I. du Pont de Nemours and Co. Copper plating with addition agents. 2,861,929, 11-25-58, Cl. 204-52.
- Martin, Earl H.: *See*—
Brandt, William H., and Martin. 2,844,287.
- Martin, Ernest E., to G. D. Bavin. Apparatus for distributing particles along a surface. 2,833,542, 5-6-58, Cl. 275-2.
- Martin, Edward G.: *See*—
Friedman, Ira J., Martin, and Taylor. 2,827,417.
- Martin, Edward G., to Chas. Pfizer & Co., Inc. Vitamin B₁₂ preparations. 2,861,026, 11-18-58, Cl. 167-81.
- Martin, Edward J., to General Motors Corp. Fluid mixing means. 2,833,530, 5-6-58, Cl. 261-65.
- Martin, Edward J., to General Motors Corp. Bi-metallic Bourdon tube. 2,850,870, 9-9-58, Cl. 60-23.
- Martin, Edward J., to General Motors Corp. Method and apparatus for thickness measurement. 2,852,850, 9-23-58, Cl. 33-172.
- Martin, Edward J., and W. E. Sargeant, to General Motors Corp. Permeameter. 2,833,985, 5-6-58, Cl. 324-34.
- Martin, Edward J., and F. W. Chapman, to General Motors Corp. Servo controlled follower system. 2,861,234, 11-18-58, Cl. 318-31.
- Martin, Edwin C. Apparatus for cleaning objects. 2,851,829, 9-16-58, Cl. 51-164.
- Martin, Edwin R., and A. G. Wise, to L. R. Mahrt and D. R. Laughter, as trustees for Standard Dayton Corp. Motor control assembly. 2,859,395, 11-4-58, Cl. 318-211.
- Martin, Elmore L.: *See*—
Jacobson, Henning W., Martin, and Sharkey. 2,856,387.
- Martin, Ernst: *See*—
Malfeld, Otto, Becker, Mandler, Koch, and Martin. 2,853,920.
- Martin, Frank J., to W. E. Greene, Jr. Jalousie units and operating mechanism thereof. 2,821,381, 1-28-58, Cl. 268-23.
- Martin, Fred P. Hydraulically driven motor vehicle. 2,833,362, 5-6-58, Cl. 180-66.
- Martin Freres: *See*—
Zuber, Francis. 2,827,515.
- Martin, Gayle. Automatic corn popping machine. 2,848,937, 8-26-58, Cl. 99-238.3.
- Martin, George L.: *See*—
Ruhoff, John R., Martin, and Gerfen. 2,819,146.
- Ruhoff, John R., Martin, and Gerfen. 2,819,945.
- Ruhoff, John R., Martin, and Gerfen. 2,859,098.
- Ruhoff, John R., Martin, and Gerfen. 2,859,099.
- Martin, George L., and A. D. Gott, to Mallinckrodt Chemical Works. Metallurgical compositions. 2,836,488, 5-27-58, Cl. 75-27.
- Martin, Glenn L. Co., The: *See*—
Bryan, James D. 2,819,461.
- MacAnespie, Thomas G. 2,839,920.
- Reis, Herbert J., and Foley. 2,821,706.
- Sohn, Harry. 2,821,349.
- Verga, Frank A. 2,825,110.
- Martin, Gustav J., S. Avakian, and R. K. Preston, to The National Drug Co. Reaction of methylenebis acrylamide and a furane amine. 2,820,800, 1-21-58, Cl. 260-347.7.
- Martin, Hans, to Alpina Buromaschinen-Werk G. m. b. H. Device for the marking and adjustment of an index leaf in book-keeping machinery. 2,832,454, 4-29-58, Cl. 191-127.
- Martin, Hans. Ski-boot lacing system. 2,861,310, 11-25-58, Cl. 24-69.
- Martin, Hans, to Alpina Buromaschinen-Werk G. m. b. H. Typewriting and book-keeping machine provided with decimal tabulating mechanism. 2,866,532, 12-30-58, Cl. 197-178.
- Martin Hearing Aid Co.: *See*—
Tado, Satoshi T. 2,824,177.
- Martin, Henry, to Cilag Ltd. Aminoalkanoyl-halo-toluidides. 2,823,209, 2-11-58, Cl. 260-326.3.
- Martin, Henry, and E. Habicht, to Cilag Ltd. Production of novel acetacetanilides, and acaricides produced therefrom. 2,848,364, 8-19-58, Cl. 167-30.
- Martin, Henry, and E. Habicht, to Cilag Ltd. New diphenyl methane- and 1-aza-[2,3,5,6]-dibenzocycloheptadiene derivatives, their acid salts and quaternary salts and the production thereof. 2,861,987, 11-25-58, Cl. 260-239.
- Martin, Henry A., Jr.: *See*—
Neidich, George G., Low, and Martin. 2,833,242.
- Martin, Henry C. Doughnut and patty shell cutter. 2,818,645, 1-7-58, Cl. 30-306.
- Martin, Henry J. Knockdown rotary kite. 2,835,462, 5-20-58, Cl. 244-153.
- Martin, Henry K.: *See*—
Wynne, Ira H., Martin, and Haley. 2,848,208.
- Martin, Homer Z.: *See*—
Hemminger, Charles E., Martin, Rich, and Gornowski. 2,847,360.
- Martin, Homer Z., to Esso Research and Engineering Co. Fluid coke calcination utilizing an evolved hydrogen. 2,819,204, 1-7-58, Cl. 202-31.
- Martin, Homer Z., and J. W. Brown, to Esso Research and Engineering Co. Conversion of hydrocarbons. 2,852,441, 9-16-58, Cl. 196-49.
- Martin, Howard W., and R. B. Gardner, to Jourdan Concrete Pipe Co. Material handling apparatus. 2,851,171, 9-9-58, Cl. 214-2.
- Martin, Irving, and O. B. Wurzburg, to National Starch Products Inc. Amylaceous esters of sulfamic acid. 2,857,377, 10-21-58, Cl. 260-233.5.
- Martin, Jacques E.: *See*—
Raymond, François H., Chapouille, and Martin. 2,831,107.
- Martin, Jacques E., to Societe d'Electronique et d'Automatisme. Electronic switches. 2,842,664, 7-8-58, Cl. 250-27.
- Martin, James. Adjustable seat for an aircraft. 2,836,222, 5-27-58, Cl. 155-5.
- Martin, James. Leg restraining means for ejection seats for aircraft. 2,836,382, 5-27-58, Cl. 244-122.
- Martin, James. Harness for airmen. 2,857,123, 10-21-58, Cl. 244-151.

- Martin, James B.: *See*—
Tucker, Nathaniel B., and Martin. 2,831,854.
- Martin, James B., to The Procter & Gamble Co. Method for preparing fatty esters of non-reducing oligosaccharides in the presence of pyridine. 2,831,855, 4-22-58, Cl. 260—234.
- Martin, James C.: *See*—
Caldwell, John R., and Martin. 2,820,055.
- Martin, James D.: *See*—
Northington, Samuel C., Jr., and Martin. 2,860,772.
- Martin, James J., to General Motors Corp. Vehicle lamp. 2,827,560, 3-18-58, Cl. 240—83.
- Martin, James S., to Republic Aviation Corp. Synthetic resin mounting joint. 2,827,671, 3-25-58, Cl. 20—40.
- Martin, James W., P. A. Hessel, I. P. Hammer, and J. B. Rust, to Oil Recovery Corp. Methane and carbon dioxide solutions. 2,843,256, 7-15-58, Cl. 206—0.6.
- Martin, Johannes J. Apparatus for distributing combustion air into different combustion zones of a furnace. 2,842,076, 7-8-58, Cl. 110—72.
- Martin, John B.: *See*—
Hearon, William M., Lackey, and Martin. 2,822,358.
- Martin, John D. Bedstead carriage. 2,863,157, 12-9-58, Cl. 5—328.
- Martin, John F.: *See*—
Phelon, Russell E., and Martin. 2,851,546.
- Martin, John F. P., and L. H. Kellogg, to the United States of America as represented by the Secretary of the Army. Antenna. 2,823,381, 2-11-58, Cl. 343—797.
- Martin, John G., to Bendix Aviation Corp. Overload release brake mechanism. 2,849,086, 8-26-58, Cl. 188—2.
- Martin, John L., to The Atlantic Refining Co. Apparatus for electrical logging. 2,842,735, 7-8-58, Cl. 324—1.
- Martin, John R., to Edick Laboratories, Inc. Apparatus for controlling the total liquid content of an aggregate. 2,856,948, 10-21-58, Cl. 137—88.
- Martin, Joseph E. Drain channel and trough for storage shelters. 2,833,228, 5-6-58, Cl. 108—1.
- Martin, Joseph F., to M. M. Martin and himself as tenants. Power operated emergency brake. 2,821,275, 1-28-58, Cl. 192—4.
- Martin, Joseph M., to Burroughs Corp. Unidirectional rotary electric switch. 2,840,672, 6-24-58, Cl. 200—155.
- Martin, Kenneth E.: *See*—
Jones, Emlyn, and Martin. 2,838,662.
Jones, Emlyn, and Martin. 2,846,606.
- Martin, Lothar, H. R. Chipman, and C. W. Gates, to United States Rubber Co. Method of desulfurizing a polymeric bis thiumar disulfide. 2,859,246, 11-4-58, Cl. 260—567.
- Martin, Lyle, to Bendix Aviation Corp. Electro-magnetic control device. 2,841,336, 7-1-58, Cl. 236—78.
- Martin, Lyle, to Bendix Aviation Corp. Linear rate generator. 2,842,688, 7-8-58, Cl. 310—15.
- Martin, Lynn W.: *See*—
Landers, Klaus, and Martin. 2,829,666.
- Martin, Mabel M.: *See*—
Martin, Joseph F. 2,821,275.
- Martin, Melvin D.: *See*—
Volberg, Frank M., and Martin. 2,824,098.
Volberg, Frank M., and Martin. 2,852,509.
- Martin, Menno Z., and P. to Sperry Rand Corp. Mobile harvesting machine. 2,847,811, 8-19-58, Cl. 56—1.
- Martin, Morgan, and C. J. Bojanowski, to Molded Fiber Glass Body Co. Electrically conductive body and method of making same. 2,861,911, 11-25-58, Cl. 154—110.
- Martin, Norman P.: *See*—
Luckhardt, Johannes. 2,843,183.
- Martin, Paul, to himself as trustee. Handles for implements. 2,839,864, 6-24-58, Cl. 43—23.
- Martin, Paul J. Valved injector nozzle. 2,845,301, 7-29-58, Cl. 299—59.
- Martin, Phares: *See*—
Martin, Menno Z., and P. 2,847,811.
- Martin, Philip W. Apparatus for visually inspecting oil well casings. 2,866,155, 12-23-58, Cl. 324—37.
- Martin, Raymond G.: *See*—
Walker, Alec H. B., Martin, and King. 2,832,032.
- Martin, Raymond G., to Westinghouse Brake and Signal Co. Ltd. Apparatus for the regulation of the voltage across a common load circuit supplied from two or more sources of direct current. 2,834,892, 5-13-58, Cl. 307—52.
- Martin, Richard. Gravity actuated mechanical toy. 2,861,390, 11-25-58, Cl. 46—149.
- Martin, Richard H., Jr.: *See*—
Longley, Raymond I., Jr., and Martin. 2,823,200.
Longley, Raymond I., Jr., and Martin. 2,824,862.
- Martin, Robert E., to Johns-Manville Corp. Nodulator for mineral wool. 2,830,772, 4-15-58, Cl. 241—186.
- Martin, Robert J. Detachable heel plate or cover. 2,835,054, 5-20-58, Cl. 36—72.
- Martin, Robert L.: *See*—
Hettinger, Donald M., and Martin. 2,848,760.
Walsh, James L., Logue, and Martin. 2,861,258.
- Martin, Robert W., to Shell Development Co. Resinous products from mannich bases of alicyclic ketones. 2,820,022, 1-14-58, Cl. 260—63.
- Martin, Robert W., to Shell Development Co. Mannich bases of aromatic polyketones. 2,840,558, 6-24-58, Cl. 260—247.5.
- Martin, Roy A. Thermal precipitator. 2,839,155, 6-17-58, Cl. 183—32.
- Martin, Roy C. Space cabinet. 2,843,443, 7-15-58, Cl. 312—325.
- Martin, Stanley D. Expansive and compressible paving joint. 2,849,935, 9-2-58, Cl. 94—18.
- Martin, Stuart T. Semi-conductor assembly and method. 2,819,513, 1-14-58, Cl. 29—25.3.
- Martin, Tellis A.: *See*—
Randall, David L., and Martin. 2,859,219.
- Martin, Thomas. Filing rack for holding prints. 2,829,417, 4-8-58, Cl. 24—252.
- Martin, Thomas A. Control for electrical start and stop switch. 2,863,960, 12-9-58, Cl. 200—18.
- Martin, Thomas B. Well shooting unit utilizing a porous enclosing body. 2,821,921, 2-4-58, Cl. 102—20.
- Martin, Thomas B., to W. L. Rawn, Jr., R. J. Barnes, and D. B. Barker. Evaporation cooler. 2,827,270, 3-18-58, Cl. 261—29.
- Martin, Thomas B. Directional shooting of wells. 2,837,027, 6-3-58, Cl. 102—20.
- Martin, Thomas L., Jr., to Ionair, Inc. Apparatus for generating ions in the atmosphere. 2,850,641, 9-2-58, Cl. 250—44.
- Martin, Virgil D. Portable saw support for attaching idle saw to an edge-up board. 2,841,192, 7-1-58, Cl. 143—43.
- Martin, Walter W., and C. L. Valve means. 2,841,169, 7-1-58, Cl. 137—400.
- Martin, Warren N. Closure cap for containers. 2,827,193, 3-18-58, Cl. 215—43.
- Martin, Wayne A.: *See*—
Wisniewski, John C., and Martin. 2,826,880.
- Martin, Wesley G., and D. J. Reed, to A. O. Smith Corp. Apparatus for heat and pressure curing of articles. 2,823,415, 2-18-58, Cl. 18—1.
- Martin, William E. Truck hitch for trailing vehicles. 2,846,237, 8-5-58, Cl. 280—496.
- Martin, William E., to Hyster Co. Separable composite trailer construction. 2,848,252, 8-19-58, Cl. 280—415.
- Martin, William E., to Hyster Co. Heavy duty bed ramp trailer. 2,858,950, 11-4-58, Cl. 214—505.
- Martin, William H.: *See*—
Brandt, Gotlieb H., and Martin. 2,853,941.
- Martin, William H., to Harris-Seybold Co. Casein-containing lithograph coating. 2,822,280, 2-4-58, Cl. 106—146.
- Martin, William H., to Thompson Industries, Inc. Connecting means for welding cable and transformer. 2,850,713, 9-2-58, Cl. 339—150.
- Martin, William H., and E. B. Morin, to American-Marletta Co. Decorative coating and method of making same. 2,866,720, 12-30-58, Cl. 117—72.
- Martin, William J., Jr.: *See*—
Mueller, David L., and Martin. 2,864,980.
- Martin, William McK., to James Dole Engineering Co. Method and apparatus for preserving products in sealed containers. 2,855,314, 10-7-58, Cl. 99—182.
- Martin, William R. Anti-theft housing means for an automotive ignition system. 2,861,644, 11-25-58, Cl. 180—82.
- Martin, William T., Jr. Fountain type plasterer's brush. 2,864,109, 12-16-58, Cl. 15—133.
- Martina, Eugene F., to United States of America, Atomic Energy Commission. Ion source. 2,831,996, 4-22-58, Cl. 313—63.
- Martina, Eugene F., to United States of America, Atomic Energy Commission. Pulsed ion source. 2,856,532, 10-14-58, Cl. 250—49.5.
- Martindale, James H., to The Black-Clawson Co. Paper machinery. 2,835,173, 5-20-58, Cl. 92—34.
- Martine, Chester E., to Specialties Development Corp. Trigger type frequency sensitive control network and turbo-generator control. 2,838,684, 6-10-58, Cl. 290—40.
- Martine, James L., Jr., to Aluminum Co. of America. Filtration of solutions. 2,822,091, 2-4-58, Cl. 210—75.
- Martineau, William K. Trailer for transporting irrigation conduit. 2,832,608, 4-29-58, Cl. 280—63.
- Martinez, Eugene F., to Health-Mor, Inc. Suction cleaner clamp construction. 2,818,596, 1-7-58, Cl. 15—327.
- Martinez, Eugene F., to Health-Mor, Inc. Suction cleaner motor protective construction. 2,839,156, 6-17-58, Cl. 183—37.
- Martinek, Thomas W., to The Pure Oil Co. Anhydrous calcium-base grease. 2,847,881, 8-12-58, Cl. 252—39.
- Martinek, Thomas W., to The Pure Oil Co. Mixing device. 2,864,594, 12-16-58, Cl. 259—105.
- Martinelli, Anthony A., and R. M. Sigmon, Jr., to Western Electric Co., Inc. Tunable coaxial termination. 2,828,469, 3-25-58, Cl. 333—22.
- Martinelli, Anthony J., to General Aniline & Film Corp. Process for resolving water-in-oil type emulsions. 2,826,554, 3-11-58, Cl. 252—331.
- Martinelli, Ernest A.: *See*—
Perazzone, Hugh L., Guthrie, and Martinelli. 2,850,260.
- Martinelli, Stephen G. Crown-capped effervescent wine bottle with plastic reseal closure packaged thereon. 2,851,183, 9-9-58, Cl. 215—38.
- Martines, Rene, to The Crimpweld Corp. Electric terminal. 2,852,755, 9-16-58, Cl. 339—275.
- Martines, Rene. Method of forming a plug for electrical conductors. 2,835,959, 5-27-58, Cl. 29—155.53.
- Martinet, André, to E. W. Dunn. Vehicle parking systems. 2,839,854, 6-24-58, Cl. 40—10.
- Martinez, Joseph D., to Esso Research and Engineering Co. Multiple magnetization device for well cores. 2,820,610, 1-21-58, Cl. 255—1.4.

- Martinez, Melroy M. Sea food processing apparatus. 2,834,040, 5-13-58, Cl. 17-2.
- Martinez, Rafael. Device for clamping a crank case oil pan to the base of a gasoline engine. 2,837,063, 6-3-58, Cl. 121-194.
- Martinez, Thomas L. Auxiliary handle for angular wrenches. 2,851,915, 9-16-58, Cl. 81-177.
- Martinez B., Agustín. Irrigating sprinkler. 2,851,305, 9-9-58, Cl. 299-52.
- Martino, James. Water flush toilet double dump valve assembly. 2,839,159, 6-24-58, Cl. 4-37.
- Martino, James. Water flush toilets and ball dump valve assembly. 2,864,095, 12-16-58, Cl. 4-37.
- Martins Ferry Glove Co.: *See*—
Schneider, Herbert. 2,864,091.
- Martinson Machine Co.: *See*—
Norquist, Harry H., and Gilbert. 2,856,826.
- Marton, Koloman, to Rexolit Holzstoffplatten Ges. m. b. H. Process for producing shaped articles, particularly plates. 2,854,896, 10-7-58, Cl. 92-54.
- Marton, Ladislaus L., R. A. Schrack, and J. A. Simpson, to United States of America, Air Force. High vacuum gim-bals. 2,840,743, 6-24-58, Cl. 313-151.
- Marton, Rudolf: *See*—
Reich, Ernő, Marton, and Szika. 2,839,628.
- Martorano, Susan R.: *See*—
Cordaro, Vincent, and Martorano. 2,849,793.
- Martt, Ernest C.: *See*—
Breeding, Harold A., and Martt. 2,838,717.
- Marty, Arthur A. Hair treatment appliances. 2,827,060, 3-18-58, Cl. 132-9.
- Marty, Dorothy M. Reading accelerator. 2,841,109, 7-1-58, Cl. 116-119.
- Marty, Wilbert H. Flat dry cell battery. 2,833,848, 5-6-58, Cl. 136-111.
- Martz, Arthur F., Jr., to General Motors Corp. Isochronous governing mechanism. 2,856,175, 10-14-58, Cl. 264-3.
- Martz, Robert W., Jr.: *See*—
McClintock, John H., and Martz. 2,847,142.
- Marugg, Frank P. Wheel clamp. 2,844,954, 7-29-58, Cl. 70-225.
- Maruhn, Herbert F. W., to Daimler-Benz Akt. Girder connection for vehicle frames. 2,843,231, 7-15-58, Cl. 189-36.
- Maruhn, Herbert F. W., to Daimler-Benz Akt. Main spring for motor vehicles. 2,849,226, 8-26-58, Cl. 267-47.
- Marulli, Ernesto C. Orange knife. 2,836,886, 6-3-58, Cl. 30-24.
- Marum, Hans H., to H. E. Crawford Co., Inc. Solid color pattern knitting machine and method. 2,860,499, 11-18-58, Cl. 66-14.
- Marusek, Henry P.: *See*—
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- Marusov, Nicholas: *See*—
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- Marvaland, Inc.: *See*—
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- Marvel, Carl S.: *See*—
Grunert, Rudolf R., Marvel, and Walker. 2,840,505.
- Marvel Engineering Co.: *See*—
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Thomas, William A. 2,846,075.
- Marvel Industries, Inc.: *See*—
Schrader, Le Roy C. 2,823,931.
- Marvin, Edgar S., to Eastman Kodak Co. Strip film feeding mechanism. 2,851,923, 9-16-58, Cl. 88-28.
- Marvin Electric Mfg. Co.: *See*—
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Bobrick, Mitchell, and Feig. 2,840,691.
Feig, Jerome H., Dasher, and Fremont. 2,829,244.
- Marvin, Frank E.: *See*—
Cochran, Maurice E. 2,864,330.
- Marvin, Philip R., to The Commonwealth Engineering Co. of Ohio. Method of producing metal shapes by gas plating. 2,834,690, 5-13-58, Cl. 117-60.
- Marvin, Philip R., to The Commonwealth Engineering Co. of Ohio. Gas plating of aggregates. 2,847,319, 8-12-58, Cl. 117-47.
- Marvin, William H.: *See*—
Burns, Thomas C., and Marvin. 2,855,895.
- Marwell, Edward M., to General Precision Laboratory Inc. Heat exchanger. 2,852,232, 9-16-58, Cl. 257-4.
- Marx, Charles H. Stringed musical instrument. 2,820,389, 1-21-58, Cl. 84-285.
- Marx, Frank A., to Richardson Taylor-Globe Corp. End closing carton. 2,826,350, 3-11-58, Cl. 229-37.
- Marx, Harold W.: *See*—
Jordan, Fred F., Spielvogel, and Marx. 2,854,017.
- Marx, John W., and M. R. Tek, to Phillips Petroleum Co. Oil recovery by in situ-combustion. 2,853,137, 9-23-58, Cl. 166-11.
- Marx, Karl: *See*—
Schweiter, Walter, and Marx. 2,863,611.
- Marx, Louis, & Co., Inc.: *See*—
Lohr, Raymond J., and Sakuta. 2,830,568.
Lohr, Raymond J., and Sakuta. 2,835,495.
Sakuta, Daniel, and Lohr. 2,830,569.
- Marx, Robert D. Relief valve. 2,821,991, 2-4-58, Cl. 137-73.
- Marx, Sam G.: *See*—
Downing, Mason L., Herrmann, and Marx. 2,846,389.
- Marx, Walter, & Co. K. G.: *See*—
Rehner, Thomas, and Hartmann. 2,865,776.
- Marxer, Adrian: *See*—
Ott, Gustav H., Marxer, Zumstein, and Brugger. 2,839,480.
- Marxer, Adrian, to Ciba Pharmaceutical Products Inc. 2,5-bis-(methyl-ethylenimino)-hydroquinones and process for preparation. 2,833,760, 5-6-58, Cl. 260-239.
- Marxer, Adrian, to Ciba Pharmaceutical Products, Inc. Manufacture of new quinone compounds. 2,841,581, 7-1-58, Cl. 260-239.
- Mary, William J. Mailbox signal. 2,856,123, 10-14-58, Cl. 232-35.
- Maryanski, Richard A. Method of making brick-simulating tile. 2,832,104, 4-29-58, Cl. 20-15.
- Maryland Cup Co., The: *See*—
Heyman, Albert A. 2,842,033.
- Maryland Engineering Co.: *See*—
Neer, Clifford H. 2,845,091.
- Marz, Raymond W. Line dresser. 2,846,705, 8-12-58, Cl. 15-134.
- Marzan, Peter R.: *See*—
McConnell, Kenneth R., and Marzan. 2,824,168.
McConnell, Kenneth R., and Marzan. 2,860,180.
- Marzan, Peter R., and W. H. Hill, to Times Facsimile Corp. Method and apparatus for facsimile telegraph. 2,862,051, 11-25-58, Cl. 178-6.7.
- Marzani, Theodor, to A. W. Faber-Castell. Apparatus for graphically representing the superposition of functions. 2,821,792, 2-4-58, Cl. 35-34.
- Marzano, Christopher: *See*—
Noland, Robert A., and Marzano. 2,848,352.
- Marzili, Mario P. Wire stitching machine. 2,865,021, 12-23-58, Cl. 1-2.
- Marzillier, Paul A. Door latch and recessed operator. 2,825,219, 3-4-58, Cl. 70-146.
- Marzluff, William F.: *See*—
Boatright, Leslie G., and Marzluff. 2,835,556.
- Marzluff, William F., and H. A. Smith, to American Cyanamid Co. Alkylation of ditolylalkanes. 2,863,930, 12-9-58, Cl. 260-668.
- Marzocchi, Alfred, A. W. Brown, and G. E. Rammel, to Owens-Corning Fiberglass Corp. Glass fiber sizing. 2,846,348, 8-5-58, Cl. 154-90.
- Marzolf Mfg. Co.: *See*—
Marzolf, Norbert F. 2,824,318.
Marzolf, Norbert F. 2,835,386.
- Marzolf, Norbert F., to Marzolf Mfg. Co. Egg washing and drying machine. 2,824,318, 2-25-58, Cl. 15-3.13.
- Marzolf, Norbert F., to Marzolf Mfg. Co. Egg grader. 2,835,386, 5-20-58, Cl. 209-121.
- Marzolf, Robert G., to Marco Industries, Inc. Coil winding machine. 2,861,601, 11-25-58, Cl. 140-92.1.
- Marzullo, Samuel: *See*—
Jaffe, Bernard, Roth, and Marzullo. 2,849,404.
- Mas, Eduardo. Direction indicator for automobiles. 2,852,759, 9-16-58, Cl. 340-120.
- Mas, Georges M., to Societe Industrielle de Transmissions. Speed variator. 2,846,894, 8-12-58, Cl. 74-230.17.
- Mascarenhas, Eneas G. Copless shuttle loom. 2,865,404, 12-23-58, Cl. 139-126.
- Mascari, Elton P. Adjustable frames. 2,853,161, 9-23-58, Cl. 189-46.
- Mascari, Elton P., to Conjaour Corp. Adjustable door frames. 2,860,744, 11-18-58, Cl. 189-46.
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- Mascaro, Thomas C. Grass cutting and turf renovating machine. 2,827,751, 3-25-58, Cl. 56-249.
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- Maschinenfabrik Andritz Actiengesellschaft: *See*—
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- Maschinenfabrik Schweizer AG.: *See*—
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- Masek, John A., to The T. L. Smith Co. Mixer drum and construction method therefor. 2,865,616, 12-23-58, Cl. 250-169.
- Masem, Matthew J., to Hughes Aircraft Co. Tape controlled apparatus. 2,843,688, 7-15-58, Cl. 200-61.15.
- Maserjian, Joseph, Jr.: See—
- Gudmundsen, Richard A., and Maserjian, 2,734,701.
- Mash, Derek H., to Thorn Electrical Industries Ltd. Closed-circuit television systems. 2,866,182, 12-23-58, Cl. 340-324.
- Mashinter, William H. Metering pump. 2,843,044, 7-15-58, Cl. 103-44.
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- Hoesebarth, Frank W. E. 2,836,201.
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- Maslow, Louis. Dishwashing tray. 2,832,499, 4-29-58, Cl. 220-19.
- Masologites, George P.: See—
- Ogburn, Hugh B., Bent, and Masologites. 2,849,377.
- Masom, Richard J., to Bendix Aviation Corp. Piston type igniter. 2,859,590, 11-11-58, Cl. 60-39.82.
- Masom, Richard J., and J. S. Jaquith, to Bendix Aviation Corp. Control valve. 2,841,173, 7-1-58, Cl. 137-505.18.
- Mason, Albert J.: See—
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- Mason, Alden O.: See—
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- Mason, Austin C. F. Device for bringing reactants together within a closed system. 2,827,365, 3-18-58, Cl. 23-259.
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- Mason, James C. 2,846,909.
- Mason, Charles O. M., to Quincy Syrian Baking Co., Inc. Burner for bakery ovens. 2,834,407, 5-13-58, Cl. 158-109.
- Mason, Collins: See—
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- Mason, Donald W., and W. H. Myers, to Harbison-Walker Refractories Co. Reinforcing insert for furnace block. 2,846,963, 8-12-58, Cl. 110-99.
- Mason, Edwin B. Stick feeder. 2,838,188, 6-10-58, Cl. 214-8.5.
- Mason, Edwin B. Lumber stacker. 2,861,702, 11-25-58, Cl. 214-6.
- Mason Electric Corp.: See—
- Mason, Howard F. 2,826,657.
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- Mason, Francis G.: See—
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- Mason, Frederick P., and R. G. Stemp, to Creed & Co. Ltd. Automatic gain control system. 2,853,543, 9-23-58, Cl. 178-5.
- Mason, George W., and B. D. Gee. Display stands. 2,851,168, 9-9-58, Cl. 211-60.
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- Mason, Howard F., to Mason Electric Corp. Snap switch. 2,826,657, 3-11-58, Cl. 200-67.
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- Mason, Jesse B. Multi-vat chicken fryer. 2,840,436, 6-24-58, Cl. 312-284.
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- Mason, Lindon D., to Nu-Flo Products, Inc. Muffler. 2,834,426, 5-13-58, Cl. 181-57.
- Mason, Lowell M., to General Electric Co. Coil winding machine. 2,836,204, 5-27-58, Cl. 140-92.1.
- Mason, Monroe J.: See—
- Campbell, Carol L., and Mason. 2,822,303.
- Mason, Philip E. Bumper construction-rollaway bumper. 2,840,411, 6-24-58, Cl. 293-72.
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- Mason, Ralph B., to Esso Research and Engineering Co. Preparation of fluid coke briquettes. 2,838,386, 6-10-58, Cl. 44-24.
- Mason, Ralph B., and R. N. Watts, to Esso Research and Engineering Co. Hydrogenation catalyst and use in oxo process. 2,840,619, 6-24-58, Cl. 260-638.
- Mason, Richard D., to Selsmograph Service Corp. Explosive charge container. 2,842,055, 7-8-58, Cl. 102-24.
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- Mason, Terry D. Liquid dispensing unit for motor vehicles. 2,830,613, 4-15-58, Cl. 137-353.
- Mason, Thomas H., to The Brunhoff Mfg. Co. Cabinet top range unit. 2,846,558, 8-5-58, Cl. 219-37.
- Mason, Thomas H., to The Brunhoff Mfg. Co. Can dispenser for refrigerator. 2,852,327, 9-16-58, Cl. 312-45.
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- Mason, Walter A. Product and method for effecting a cold chemical oxidation of aluminum and its alloys. 2,846,343, 8-5-58, Cl. 148-6.24.
- Mason, Warren P., to Bell Telephone Laboratories. Tapped torsional delay lines. 2,828,470, 3-25-58, Cl. 333-30.
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- Mason, William, to Independent Iron Works, Inc. Arc welding machine. 2,836,704, 5-27-58, Cl. 219-125.
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- Mason, William L., to Armstrong Cork Co. Method of plasticizing a polyurethane-polyether and composition thereby obtained. 2,852,483, 9-16-58, Cl. 260-31.6.
- Masoni, John G. Tunnel boring machine having oppositely rotating heads. 2,864,599, 12-16-58, Cl. 262-7.
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- Zimmer, Paul F. E. 2,858,008.

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- Massari, Stanley F. Drafting instrument. 2,850,804, 9-9-58, Cl. 33-26.
- Masse, Rene A. Portable scaffold. 2,838,342, 6-10-58, Cl. 304-31.5.
- Massengill, Cleburne T. Drawer type depository. 2,842,308, 7-8-58, Cl. 232-44.
- Massengill, Robert T. Apparatus for preparing hams. 2,857,619, 10-28-58, Cl. 17-1.
- Massey, Byron J.: *See*—
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- Massey, Hubert. Machine for removing moss from water flowing in an irrigation ditch. 2,823,802, 2-18-58, Cl. 210-143.
- Massey, John B. Wall shelf. 2,842,270, 7-8-58, Cl. 211-90.
- Massey, John B. Surgical apparatus. 2,844,144, 7-22-58, Cl. 128-131.
- Massey, Thomas N.: *See*—
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- Massie, George M.: *See*—
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- Massie, Loren R.: *See*—
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- Massillon-Cleveland-Akron Sign Co., The: *See*—
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- Massman, Albert W., to Motorola, Inc. Color television. 2,819,335, 1-7-58, Cl. 178-5.4.
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- Massman, Albert W., to Motorola, Inc. Amplitude-stabilized sync signal separator. 2,845,487, 7-29-58, Cl. 178-7.3.
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- Masterson, Earl E., to Sperry Rand Corp. Printing device. 2,843,243, 7-15-58, Cl. 197-19.
- Masterson, Robert N. Combination jar lid and measuring cup. 2,857,083, 10-21-58, Cl. 222-361.
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- Mastin, Thomas G.: *See*—
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- Masuda, Tatsunosuke: *See*—
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- Matakas, Victor L., and J. E. Smith, to Northrop Aircraft, Inc. Control knob lock. 2,856,791, 10-21-58, Cl. 74-504.
- Mataré, Herbert F., to Tung-Sol Electric Inc. Potential graded semi-conductor and method of making the same. 2,854,365, 9-30-58, Cl. 148-1.5.
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- Mater, Milton H. Control mechanism for relatively positioning two movable members. 2,850,130, 9-2-58, Cl. 192-67.
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- Materese, Vincent, to Mink-Dayton, Inc. Illuminating baggage rack. 2,843,729, 7-15-58, Cl. 240-7.35.
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- Matheny, Thomas D. Multipurpose exterminating and/or fumigating device. 2,851,818, 9-16-58, Cl. 43-129.
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- Matheny, William F., Jr.: *See*—
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- Mathews, Glenn M.: *See*—
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- Mathews, Kenneth C., to Minneapolis-Honeywell Regulator Co. Magnetic signal generator. 2,820,915, 1-21-58, Cl. 310—168.
- Mathews, Verner P., to General Motors Corp. Friction clutch with lubricating means for clutch facer. 2,856,050, 10-14-58, Cl. 192—113.
- Mathews, Victor M., Jr., and R. W. Fetter, to Aermotive Equipment Corp. Amplifying alternator. 2,831,156, 4-15-58, Cl. 322—24.
- Mathews, Wilbur D.: *See*—
Applin, Richard H., Langworthy and Mathews. 2,866,151.
- Matheson Chemical Corp.: *See*—
Jaszka, Daniel J., and Dexter. 2,853,362.
- Mathieu, Jean: *See*—
Warnant, Julien, Joly, Mathieu, and Velluz. 2,842,544.
- Mathis, Hugh: *See*—
Hopkins, Charles H., and Mathis. 2,863,012.
- Mathis, James F.: *See*—
Holcomb, Henry A., Love, and Mathis. 2,865,837.
- Mathis, John B.: *See*—
Reeves, Herbert M., and Mathis. 2,846,997.
- Mathis, Julian D. Coil winding machines. 2,819,850, 1-14-58, Cl. 242—4.
- Mathis, Vernon P.: *See*—
Suran, Jerome J., and Mathis. 2,863,070.
- Mathis, Vernon P., and J. J. Suran, to General Electric Co. Semi-conductor network. 2,820,152, 1-14-58, Cl. 307—88.5.
- Mathis, Vernon P., and J. J. Suran, to General Electric Co. Semiconductor mixing circuits. 2,863,045, 12-2-58, Cl. 250—20.
- Mathison, Charles M.: *See*—
Moore, Craig M., Trier, and Mathison. 2,866,936.
- Mathison, Charles M., to The Superior Switchboard & Devices Co. Cover with slidable insert for socket meter enclosures. 2,822,417, 2-4-58, Cl. 174—52.
- Mathot, Jacques: *See*—
Coutant, André C., and Mathot. 2,829,207.
- Mathre, Owen B., and D. M. Sowards, to E. I. du Pont de Nemours and Co. Chemical polishing of metals. 2,834,659, 5-13-58, Cl. 41—42.
- Matkins, Eugene G., to General Motors Corp. Light actuated control circuit. 2,848,650, 8-19-58, Cl. 315—83.
- Matkins, Eugene G., and C. W. Miller, to General Motors Corp. Condition response control circuit. 2,832,914, 4-29-58, Cl. 3.5—83.
- Matlack, Albert S.: *See*—
Hulse, George E., and Matlack. 2,826,560.
- Matlen, Abraham J. Apparatus and process for preparing meat. 2,839,409, 6-17-58, Cl. 99—107.
- Matlin, Nathaniel A.: *See*—
Kine, Benjamin B., and Matlin. 2,827,359.
- Matlin, Nathaniel A., to Rohm & Haas Co. Wool-like artificial fibers. 2,866,256, 12-30-58, Cl. 28—82.
- Matlock, Perry W. Safety devices for swimming pools and the like. 2,838,767, 6-17-58, Cl. 4—172.
- Matousek, Edward J.: *See*—
Liautaud, Philip J., and Matousek. 2,858,507.
- Matras, William F., to Frabill Mfg. Co. Knob and wire hook assembly for fishing and the like. 2,842,887, 7-15-58, Cl. 43—44.95.
- Matsch, Ladislav C., to Union Carbide Corp. High pressure scrubber liquefier in air separation systems. 2,846,853, 8-12-58, Cl. 62—14.
- Matschke, Arthur L. Storm window. 2,859,493, 11-11-58, Cl. 20—55.
- Matson, Beatrice E.: *See*—
Felt, Clarence E., and Matson. 2,835,594.
- Matson, William R., J. W. Rice, and B. L. Wright, to Western Electric Co., Inc. Apparatus for tinning terminals. 2,857,878, 10-28-58, Cl. 118—421.
- Matsuda, Ken, to American Cyanamid Co. Diazepine derivative and method of preparation. 2,819,262, 1-7-58, Cl. 260—239.
- Matsui, Kichihel: *See*—
Tokumoto, Shin-Ichi, Tanaka, Nishiyama, Mizushima, Nozaki, Taguti, and Matsui. 2,854,392.
- Matsukawa, Taizo: *See*—
Fujiwara, Motonori, Watanabe, Matsukawa, Yurugi, Iwatsu, and Kawasaki. 2,833,768.
- Matsuo, Naotiro, S. Fujioka, and M. Murozumi, to Asahi Garasu Kabushiki Kaisha. Flow interrupter for mercury cell battery circuits. 2,849,524, 8-26-58, Cl. 174—15.
- Matsuoka, Earl, to University Loudspeakers, Inc. Speaker driver. 2,832,844, 4-29-58, Cl. 179—115.5.
- Matsushita Denki Sangyo Kabushiki Kaisha: *See*—
Nagata Kyoichi. 2,863,098.
- Matt, William J., Jr.: *See*—
Anania, James A. 2,851,832.
- Matta, Edward and E. G. Radiator for motor vehicles. 2,847,191, 8-12-58, Cl. 257—130.
- Matta, Emil G.: *See*—
Matta, Edward and E. G. 2,847,191.
- Mattair, Robert: *See*—
Sisler, Harry H., and Mattair. 2,837,409.
- Matteazzi, Jose, and M. Brodsky. Vehicle running gear with tracking facilitating means. 2,851,280, 9-9-58, Cl. 280—81.
- Matter, Albert J. Adjustable appliance casters with wobble stop and load support for soft floors. 2,847,796, 8-19-58, Cl. 45—139.
- Matter, Albert J. Table leg adjuster with tamper proof cover. 2,851,820, 9-16-58, Cl. 45—139.
- Matter, Albert J. Adjustable supporting roller with brake. 2,853,732, 9-30-58, Cl. 16—32.
- Matter, Max, and A. Kobler, to Ciba Pharmaceutical Products Inc. α -aminobenzoic acid esters of polyalkylene oxide ethers. 2,857,417, 10-21-58, Cl. 260—471.
- Matter, Max, A. Kobler, M. Kuhn, and K. Michel, to Ciba Pharmaceutical Products Inc. Polyalkyleneoxide esters of alkoxy aminobenzoates. 2,857,418, 10-21-58, Cl. 260—471.
- Matter, Max, A. Kobler, and M. Kuhn, to Ciba Pharmaceutical Products Inc. New polyglycol esters of n -alkyl-4-4-amino-salicylic acid. 2,857,419, 10-21-58, Cl. 260—471.
- Matter, Max, and A. Kobler, to Ciba Pharmaceutical Products Inc. New isoquinolines and process for their manufacture. 2,858,315, 10-28-58, Cl. 260—289.
- Matters, Robert G., to Allis-Chalmers Mfg. Co. Means for and method of fabrication. 2,853,160, 9-23-58, Cl. 189—36.
- Matterson, Peter D., to Doity Cranes Ltd. Adjustable mountings for shafts, axles, and other elements. 2,860,015, 11-11-58, Cl. 308—62.
- Mattes, Alan P. Calendar wrist band attachment. 2,829,433, 4-8-58, Cl. 40—10.
- Matteson, Benjamin H., Jr.: *See*—
Parker, Leland L., and Matteson. 2,859,629.
- Matteson, Clarence D. Hydraulic dental syringe. 2,829,645, 4-8-58, Cl. 128—229.
- Matthes, Karl W., to Precision Welder and Machine Co. Ring seam welders. 2,826,673, 3-11-58, Cl. 219—81.
- Matthew, Morton P. Cutting device. 2,819,524, 1-14-58, Cl. 30—310.
- Matthew, Morton P., to The Ahrendt Instrument Co. Variable function voltage divider. 2,831,095, 4-15-58, Cl. 201—56.
- Matthew, Morton P., to Friden, Inc. Typewriter controlled calculators. 2,842,310, 7-8-58, Cl. 235—60.12.
- Matthews, Charles W., and C. V. Beckstrom, to Deere & Co. Plow bottom. 2,831,415, 4-22-58, Cl. 97—113.
- Matthews, Cyrus R. Healing fluid applicator for growing plants. 2,856,733, 10-21-58, Cl. 47—1.
- Matthews, Donald, to Westinghouse Electric Corp. Jet driven helicopter rotor system. 2,831,543, 4-22-58, Cl. 170—135.4.
- Matthews, Earnest P., to Haloid Xerox Inc. Process for developing electrostatic images. 2,859,127, 11-4-58, Cl. 117—17.5.
- Matthews, Earnest P., E. C. Ricker, and P. G. Andrus, to Haloid Xerox Inc. Method of developing xerographic image. 2,859,128, 11-4-58, Cl. 117—17.5.
- Matthews, Edward, to Esso Research and Engineering Co. Retractable gangway safety release. 2,828,497, 4-1-58, Cl. 14—71.
- Matthews, George A., to I-T-E Circuit Breaker Co. Automatic recloser. 2,851,567, 9-9-58, Cl. 200—109.
- Matthews, Hugh B. Retractable seat belt. 2,855,028, 10-7-58, Cl. 155—189.
- Matthews, Ingram R. Tent. 2,840,093, 6-24-58, Cl. 135—5.1.
- Matthews, John B., and S. Dawtrey, to Shell Development Co. Process for the preparation of grease compositions. 2,820,006, 1-14-58, Cl. 252—28.
- Matthews, John B., E. J. Clayfield, and T. V. Whittam, to Shell Development Co. Method for testing and blending lubricants. 2,841,533, 7-1-58, Cl. 196—1.
- Matthews, John B., and E. J. Clayfield, to Shell Development Co. Stability of fuel oil emulsions controlled by resin asphaltene ratio. 2,864,498, 12-16-58, Cl. 208—15.
- Matthews, Lyle E. Servomechanism. 2,836,378, 5-27-58, Cl. 244—14.
- Matthews, Lyle E., and E. Q. Smith, Jr., to United States of America, Navy. Shock and vibration isolator. 2,833,379, 5-6-58, Cl. 188—94.
- Matthews, Lyman E.: *See*—
Dunning, John W., Moses, and Matthews. 2,847,282.
- Matthews, Meredith. Push button directory. 2,863,237, 12-9-58, Cl. 40—77.
- Matthews, Neale J.: *See*—
Thompson, Frederick C. 2,850,421.

- Matthews, Newton L. Multiple gravity and float concentrator. 2,843,266, 7-15-58, Cl. 209-173.
- Matthews, Newton L. Rock crusher. 2,843,329, 7-15-58, Cl. 241-84.
- Matthews, Ozias. Bale turner. 2,853,171, 9-23-58, Cl. 193-43.
- Matthews, Ralph W. Louver construction. 2,835,001, 5-20-58, Cl. 20-63.
- Matthews, Robert, to The Decca Record Co. Ltd. Radar display systems. 2,849,708, 8-26-58, Cl. 343-11.
- Matthews, Robert H. B.: *See*—
- Jones, Robert J., Matthews, and Perry. 2,835,287.
- Matthews, Russell B.: *See*—
- Bydalek, Floyd J., Dietz, Hilgert, and Matthews. 2,844,685.
- Bydalek, Floyd J., and Matthews. 2,833,508.
- Kile, Stephen L., and Matthews. 2,845,228.
- Thornbery, John H., and Matthews. 2,849,663.
- Matthews, Russell B., to Baso Inc. Flow control devices. 2,832,864, 4-29-58, Cl. 137-66.
- Matthews, Russell B., to Baso Inc. Condition responsive control apparatus. 2,848,167, 8-19-58, Cl. 236-21.
- Matthews, Russell B., to Baso Inc. Flow control device. 2,848,168, 8-19-58, Cl. 236-50.
- Matthews, Russell B., to Baso Inc. Shut-off for thermoelectrically powered control devices. 2,856,946, 10-21-58, Cl. 137-66.
- Matthews, Russell B., to Baso Inc. Fuel control system. 2,862,665, 12-2-58, Cl. 236-9.
- Matthews, Russell B. Electromagnetic control device. 2,864,039, 12-9-58, Cl. 317-197.
- Mathey, Albert E. Hair clipper. 2,825,132, 3-4-58, Cl. 30-201.
- Mattheysses, Marcel J., to International Telephone and Telegraph Corp. Rectifier stack. 2,819,434, 1-7-58, Cl. 317-234.
- Matthias, Bernd T., to Bell Telephone Laboratories, Inc. Superconducting compounds. 2,866,842, 12-30-58, Cl. 174-15.
- Matthias, Hans A., to Ford Motor Co. Motor vehicle drive-line mounting. 2,852,318, 9-16-58, Cl. 308-28.
- Matthias, Lynn H., to Allen-Bradley Co. Disconnect mechanism. 2,832,860, 4-29-58, Cl. 200-50.
- Matthias, Lynn H., to Allen-Bradley Co. Variable resistance controller. 2,850,605, 9-2-58, Cl. 201-52.
- Matthysse, Irving F., to Burndy Engineering Co. Inc. Separable multiple tap connector. 2,836,682, 5-27-58, Cl. 200-133.
- Matthysse, Irving F., and C. V. Pellier, to Burndy Engineering Co. Inc. Machine for brazing seams. 2,836,138, 5-27-58, Cl. 113-1.
- Matting, Stephen M. Adapters for flushing guns and the like. 2,820,467, 1-21-58, Cl. 134-168.
- Mattingly, Charles D.: *See*—
- Kice, Jack W., and Mattingly. 2,858,759.
- Kice, Jack W., Redmond, and Mattingly. 2,821,896.
- Mattingly, Robert L., to Bell Telephone Laboratories, Inc. Compartmental antenna with hybrid feed. 2,848,716, 8-19-58, Cl. 343-782.
- Mattinson, Thomas D., to The Merit Co. Casket sealer structure. 2,864,640, 12-16-58, Cl. 292-335.
- Mattison, Edwin L., and B. N. Harris, to E. I. du Pont de Nemours and Co. Treatment of lead. 2,853,378, 9-23-58, Cl. 75-78.
- Mattison Machine Works: *See*—
- Peterson, Gustaf J. 2,852,049.
- Mattke, Charles F., to Bell Telephone Laboratories, Inc. Optical apparatus for continuous motion multiple film projector. 2,831,055, 4-15-58, Cl. 178-71.
- Matton, David J., to Synthomer Corp. Bottle cap and support assembly. 2,827,194, 3-18-58, Cl. 215-73.
- Mattos, David W. Machine for spreading halved fruit on drying trays. 2,844,926, 7-29-58, Cl. 53-160.
- Mattos, Philip M., and M. Giorgis. Foldable garment support for ironing boards. 2,854,148, 9-30-58, Cl. 211-86.
- Mattox, Fred N. Camping trailer. 2,834,632, 5-13-58, Cl. 296-27.
- Mattox, John E.: *See*—
- De Wolf, Myron F., Donohue, and Mattox. 2,828,584.
- Mattox, William J.: *See*—
- Kimberlin, Charles N., Jr., and Mattox. 2,866,835.
- Mattox, William J., and C. N. Kimberlin, Jr., to Esso Research and Engineering Co. Hydantoin solvents for removal of metal constituents from gas oils. 2,847,354, 8-12-58, Cl. 196-14.27.
- Mattson, Charles A.: *See*—
- Mall, Arthur W., and Mattson. 2,827,026.
- Mattson, Gust W.: *See*—
- Johnson, Joel R., Mattson, and Tomlin. 2,839,821.
- Mattson, Vernon L.: *See*—
- Smith, William A., Mattson, and Meyer. 2,836,297.
- Smith, William A., Mattson, Meyer, and Baxter. 2,846,068.
- Mattson, Willard C. Wall board product and method of manufacturing same. 2,826,522, 3-11-58, Cl. 154-45.9.
- Matty, Robert E.: *See*—
- Diehl, Erle K., Hage, and Matty. 2,863,354.
- Matulaitis, Victor E. Air distribution system. 2,844,085, 7-22-58, Cl. 98-2.
- Matulaitis, Victor E., to Elox Corp. of Michigan. Electrical discharge machining. 2,856,565, 10-14-58, Cl. 315-207.
- Matulaitis, Victor E., and W. Lebur, to Elox Corp. of Michigan. Arc machining. 2,866,921, 12-30-58, Cl. 315-127.
- Maturi, Vincent F., and J. H. Dr Jhan, to American Cyanamid Co. Meat package. 2,859,122, 11-4-58, Cl. 99-174.
- Matuszak, Alfred H., and W. E. McTurk, to Esso Research and Engineering Co. Synthetic lubricants. 2,820,054, 1-14-58, Cl. 260-481.
- Matuszak, Alfred H., D. S. Maisel, and E. W. Carrier, to Esso Research and Engineering Co. Synthetic lubricating compositions and process for their preparation. 2,820,815, 1-21-58, Cl. 260-485.
- Matuszak, Alfred H., and J. K. Appeldoorn, to Esso Research and Engineering Co. Complex ester synthetic lubricant. 2,831,813, 4-22-58, Cl. 252-56.
- Matuszak, Alfred H., H. R. Ready, and W. E. Lifson, to Esso Research and Engineering Co. Synthetic lubricating oil compositions. 2,837,562, 6-3-58, Cl. 260-485.
- Matuszak, Alfred H., and H. R. Ready, to Esso Research and Engineering Co. Process for preparation of complex formal synthetic lubricants by a formal interchange. 2,838,573, 6-10-58, Cl. 260-615.
- Matuszak, Alfred H., and W. J. Craven, to Esso Research and Engineering Co. Improved lubricating composition. 2,849,399, 8-26-58, Cl. 252-32.7.
- Matuszak, Alfred H., A. J. Morway, and J. C. Munday, to Esso Research and Engineering Co. Grease wherein the thickener comprises metal soaps of hydroxy fatty acid formals. 2,850,456, 9-2-58, Cl. 252-39.
- Matuszak, Alfred H., J. W. Hand, Jr., and J. C. Munday, to Esso Research and Engineering Co. Reclamation of used synthetic lubricating oils. 2,857,421, 10-21-58, Cl. 260-485.
- Matuszak, Alfred H., and W. E. McTurk, to Esso Research and Engineering Co. Thio formal synthetic lubricants. 2,858,274, 10-28-58, Cl. 252-48.6.
- Matuszak, Maryan P., to Phillips Petroleum Co. Polymerization and alkylation of hydrocarbons. 2,826,620, 3-11-58, Cl. 260-677.
- Matuzas, Anthony J., to The Singer Mfg. Co. Handles for raising and lowering sewing machines. 2,828,710, 4-1-58, Cl. 112-258.
- Maty, Paul, to Modern Venetian Blinds, Inc. Venetian blind with assured slat movement. 2,855,990, 10-14-58, Cl. 160-173.
- Matys, Edwin J., to Tula Machine & Mfg. Co. Furniture glide. 2,820,240, 1-21-58, Cl. 16-42.
- Matz, Kenneth R., to Union Carbide Corp. Electrically conductive cement and brush shunt connection containing the same. 2,849,631, 8-26-58, Cl. 310-249.
- Matz, Kenneth R., to Union Carbide Corp. Brush cap connection. 2,866,112, 12-23-58, Cl. 310-249.
- Matz, Samuel A.: *See*—
- Larsen, Robert A., and Matz. 2,833,655.
- Matz, Samuel A., to the United States of America as represented by the Secretary of the Army. Process for manufacturing compressed cereal bars. 2,824,806, 2-25-58, Cl. 99-83.
- Matzuk, Alexander R.: *See*—
- Sarett, Lewis H., Brown, and Matzuk. 2,853,486.
- Matzuk, Alexander R., K. Pfister, III, and E. F. Rogers, to Merck & Co., Inc. α -Methyl methionine and salts thereof. 2,824,132, 2-18-58, Cl. 260-534.
- Mauborgne, Paul. Fishing reel. 2,832,550, 4-29-58, Cl. 242-84.21.
- Mauch, Hans A. Control mechanism for artificial ankle. 2,843,853, 7-22-58, Cl. 3-35.
- Mauch, Hans A. Hydraulic system. 2,859,451, 11-11-58, Cl. 3-22.
- Mauchel, Sydney B., $\frac{1}{2}$ to J. B. McFadyen. Monitor apparatus for blood transfusions. 2,835,252, 5-20-58, Cl. 128-214.
- Mauchly, John W., to Remington Rand Inc. Neon capacitor memory system. 2,828,447, 3-25-58, Cl. 315-84.5.
- Mauck, Arthur R., and J. M. Zorad, to General Motors Corp. Accessory oiling system. 2,845,141, 7-29-58, Cl. 184-6.
- Maude, Aylmer H.: *See*—
- Hooker, Thomas, Geering, and Maude. 2,841,243.
- Maude, Aylmer H., and D. S. Rosenberg, to Hooker Electrochemical Co. Production of octachloromethylenecyclopentene. 2,847,481, 8-12-58, Cl. 260-648.
- Maude, Aylmer H., and D. E. MacFadyen, to Hooker Chemical Corp. Process for making sulfur free hydrogen sulfide. 2,863,725, 12-9-58, Cl. 25-181.
- Maude, William A., to General Electric Co. Improved rotative drive assembly. 2,834,620, 5-13-58, Cl. 287-53.
- Maude, William A., to General Electric Co. Gear. 2,848,884, 8-26-58, Cl. 64-30.
- Mauerer, Elisabeth: *See*—
- Mauerer, Michael. 2,852,174.
- Mauerer, Leopold, to Hevi-Duty Electric Co. Switch. 2,853,580, 9-23-58, Cl. 200-113.
- Mauerer, Michael, $\frac{1}{2}$ to E. Mauerer. Auxiliary wheel-mounted fuel can for motor vehicle. 2,852,174, 9-16-58, Cl. 24-42.14.
- Maui Pineapple Co., Ltd.: *See*—
- Bainbridge, Marvin. 2,858,009.
- Maul, Michael: *See*—
- Pfeiffer, Max. 2,832,413.
- Maul, Michael. Record card controlled machines. 2,828,912, 4-1-58, Cl. 235-61.1.
- Maul, Michael. Record card controlled printing machines. 2,830,532, 4-15-58, Cl. 101-93.

- Mauldin, Lloyd F.: *See*—
Fischer, Richard A., and Mauldin. 2,830,521.
- Mauldin, Lloyd F., to The Garrett Corp. Cabin pressure outflow valve. 2,846,934, 8-12-58, Cl. 98—1.5.
- Maule, Belford D. Fabric tester. 2,851,878, 9-16-58, Cl. 73—102.
- Maulshagen, Henry C.: *See*—
Crandell, Robert B., Maulshagen, and Samsel. 2,829,361.
- Mauney Hosiery Mills, Inc.: *See*—
Hill, Murphy A. 2,842,298.
- Mauney, Paul: *See*—
Neisler, Charles E., Jr., and Mauney. 2,824,589.
Neisler, Charles E., Jr., and Mauney. 2,824,592.
- Maunoury, François M. L.: *See*—
Kadosch, Marcel, Le Foll, Maunoury, and Bertin. 2,825,532.
- Maurer, Carl D., to Paramount Pictures Corp. System for recording television images on film. 2,859,275, 11-4-58, Cl. 178—7.4.
- Maurer, Georg. Low-voltage gas discharge illumination device. 2,822,496, 2-4-58, Cl. 313—188.
- Maurer, George, to Huck Mfg. Co. Transfer mechanism. 2,860,818, 11-18-58, Cl. 221—243.
- Maurer, Hans, to Ruf-Buchhaltung Akt. Improvements in front-feed attachment for typewriters. 2,843,246, 7-15-58, Cl. 197—128.
- Maurer, Herman W. Combined tilting chair and foot rest. 2,828,802, 4-1-58, Cl. 155—77.
- Maurer, J. A., Inc.: *See*—
Maurer, John A., Jr. 2,866,398.
- Maurer, James I., to Parker Rust Proof Co. Composition and method for coating metallic surfaces. 2,835,617, 5-20-58, Cl. 148—6.15.
- Maurer, John A., Jr., to J. A. Maurer, Inc. Curtain shutter and supporting structure therefor. 2,866,398, 12-30-58, Cl. 95—57.
- Maurer, Pierre, to Radio Corp. of America. Apparatus for making electron device stems. 2,857,711, 10-28-58, Cl. 49—1.
- Maurer, Pierre, and J. Di Mauro, to Radio Corp. of America. Scribing apparatus. 2,862,300, 12-2-58, Cl. 33—41.
- Maurer, William. Compound duplex cutting tool bit. 2,831,240, 4-22-58, Cl. 29—95.
- Maurice, Clayton H., Jr.: *See*—
Bradley, Robert O., and Maurice. 2,864,606.
- Maurice, Jean, and R. Michel, to Societe Anonyme Francaise du Ferodo. Overdrive transmission system for automobile vehicles. 2,842,008, 7-8-58, Cl. 74—472.
- Maurice, Jean, and M. Rist, to Societe Anonyme Francaise du Ferodo. Gear-changing levers. 2,846,036, 8-5-58, Cl. 192—3.5.
- Maurice, Jean, and M. Rist, to Societe Anonyme Francaise du Ferodo. Centrifugal clutch. 2,850,131, 9-2-58, Cl. 192—105.
- Maurice, Jean, and M. Rist, to Societe Anonyme Francaise du Ferodo. Electrocentrifugal clutches. 2,863,326, 12-9-58, Cl. 74—472.
- Maurice, Jean, and M. Rist, to Societe Anonyme Francaise du Ferodo. Electromagnetic clutches. 2,865,480, 12-23-58, Cl. 192—84.
- Maurice, Louis, to Compagnie Generale de Radiologie. Protective arrangements for X-ray apparatus. 2,836,728, 5-27-58, Cl. 250—103.
- Maust, Frederick K. Roller leveler with upper-roller adjusting means. 2,827,945, 3-25-58, Cl. 153—107.
- Maust, Frederick K. Flying adjustment for presses. 2,841,997, 7-8-58, Cl. 74—96.
- Maust, William J. Package wrapping and sealing machine. 2,819,574, 1-14-48, Cl. 53—137.
- Mauthe, Gustav, and R. Ringado, to Farbenfabriken Bayer Akt. Synthetic resin tanning agents containing alkali pretreated sulfite waste liquor and process of preparing same. 2,857,346, 10-21-58, Cl. 260—17.5.
- Mauzy, Harry L., and E. L. Von Rosenberg, to Reed Roller Bit Co. Method of surface-hardening steel, and a quenching medium therefor. 2,857,301, 10-21-58, Cl. 148—18.
- Mavity, Julian M., to Universal Oil Products Co. Ethers and alcohols via sulfur dioxide oxidation of sulfides and mercaptans. 2,837,573, 6-3-58, Cl. 260—614.
- Mavity, Julian M., and M. S. Bielawski, to Universal Oil Products Co. Manufacture of solid phosphoric acid catalysts. 2,833,727, 5-6-58, Cl. 252—435.
- Mavrodineanu, Radu A. W., to Boyce Thompson Institute For Plant Research, Inc. Fluoride ion indicator and process of development. 2,823,984, 2-18-58, Cl. 23—232.
- Mawhinney, Daniel D., to Radio Corp. of America. Protective circuit. 2,841,746, 7-1-58, Cl. 317—51.
- Mawson, Harold R. Line clamp. 2,865,073, 12-23-58, Cl. 24—134.
- Max, Nicolaas: *See*—
De Keizer, Adrianus, Max, and Kreps. 2,848,514.
- Max, Nicolaas, to Shell Development Co. Separation of alkaline earth metal salts of mono- and dialkyl acid phosphates. 2,854,468, 9-30-58, Cl. 260—461.
- Maxam, Mrs. Alice B.: *See*—
Feiler, Alva K. 2,845,660.
- Maxey, Frank S., to The Goodyear Tire & Rubber Co. Process of curing polyurethanes using a polyisocyanate and a methylol melamine. 2,850,474, 9-2-58, Cl. 260—45.3.
- Maxim Silencer Co., The: *See*—
Bourne, Roland B. 2,857,014.
Bourne, Roland B., and Tyskewicz. 2,829,729.
Williamson, William R. 2,855,346.
- Maxion, Emil J.: *See*—
Baron, Abraham L., and Maxion. 2,861,025.
- Maxson, Elvin E., to Hyde Corp. Trailer and truck body construction. 2,823,066, 2-11-58, Cl. 296—29.
- Maxson, Vernon A.: *See*—
Filcher, Harold W., and Maxson. 2,821,061.
- Maxson, W. L., Corp., The: *See*—
Hordechuck, John F. 2,821,602.
Robbins, Azor D. 2,830,671.
- Maxwell, Boger E. Fish line casting gun. 2,856,911, 10-21-58, Cl. 124—11.
- Maxwell Co., The: *See*—
Kalat, Elmer J. 2,848,912.
- Maxwell, Franklin C., to Elder & Jenks, Inc. Paint brush and method of making the same. 2,840,841, 7-1-58, Cl. 13—193.
- Maxwell, Glenn D., to Consolidated Electrodynamics Corp. Adjustable speed drive for tape recording systems. 2,866,143, 12-23-58, Cl. 318—45.
- Maxwell, Ira C., O. H. Langen, and C. E. Pölola, to The Unipress Co., Inc. Shirt pressing machine. 2,834,523, 5-13-58, Cl. 223—57.
- Maxwell, Keaton B. Nursing bottle. 2,846,103, 8-5-58, Cl. 215—11.
- Maxwell, Louis R.: *See*—
McGuire, Thomas R., and Maxwell. 2,854,608.
- Maxwell, Louis R. Electromagnet. 2,819,431, 1-7-58, Cl. 317—158.
- Maxwell, Robert C.: *See*—
Jenkins, Cecil, Born, Woollayer, and Maxwell. 2,840,197.
Woollayer, Homer J., Jenkins, Maxwell, and Born. 2,840,198.
- Maxwell, William H., Jr.: *See*—
Reichert, James B., and Maxwell. 2,827,621.
- May, Albert G.: *See*—
Just, Raymond H., and May. 2,863,561.
- May & Baker Ltd.: *See*—
Adams, Arthur, and Slack. 2,839,529.
Barber, Harry J., Collins, and Davis. 2,830,008.
Barber, Harry J., Collins, and Davis. 2,855,401.
Freeman, Wilfred A., Pain, and Slack. 2,827,415.
Freeman, Wilfred A., Pain, and Slack. 2,831,866.
Heywood, Basil J. 2,866,816.
Slack, Ronald. 2,827,466.
Slack, Ronald, Pain, and Barber. 2,827,457.
- May, Bernard E.: *See*—
Oshkosh, Roy J., and May. 2,848,581.
- May, Donald R.: *See*—
Smolin, Edwin M., Saunders, and May. 2,846,478.
- May, Edwin A., and F. J. Maltais, to Becton Dickinson and Co. Sterile hypodermic needle and syringe holder. 2,835,377, 5-20-58, Cl. 206—17.5.
- May, Ellwood H. File drawer cover and sheet retainer. 2,821,452, 1-28-58, Cl. 312—183.
- May, Erwin, to Ernst Leitz, G. m. b. H. Mechanism for projecting films of different widths. 2,834,249, 5-13-58, Cl. 88—18.4.
- May, Eugene F. Scribing instrument for map making. 2,825,136, 3-4-58, Cl. 33—27.
- May, Frank H., to American Potash & Chemical Corp. Isopropyl borate containing combined boric oxide. 2,839,565, 6-17-58, Cl. 260—462.
- May, Frank H., to American Potash & Chemical Corp. Continuous process for preparation of pure methyl borate. 2,855,427, 10-7-58, Cl. 260—462.
- May, Frank H., and V. V. Levasheff, to American Potash & Chemical Corp. Manufacture of boron nitride. 2,824,787, 2-25-58, Cl. 23—191.
- May, Frank H., V. V. Levasheff, and H. N. Hammar, to Callery Chemical Co. Recovery of boric acid from trimethyl borate. 2,833,623, 5-6-58, Cl. 23—149.
- May, Frank H., and V. V. Levasheff, to Callery Chemical Co. Recovery of boric acid from crude borate ores. 2,855,276, 10-7-58, Cl. 23—149.
- May, Frank J., to Rembrandt Lamp Corp. Swivel type lamp socket support. 2,859,983, 11-11-58, Cl. 285—90.
- May, Frederick T., to Westinghouse Electric Corp. Transfer device for a lead wire threading machine. 2,823,809, 2-18-58, Cl. 214—1.
- May, Harry C.: *See*—
Frola, Joseph F., and May. 2,833,381.
- May, Harry C., to Westinghouse Air Brake Co. Combined fluid pressure and vacuum brake apparatus. 2,822,220, 2-4-58, Cl. 303—4.
- May, Horace A., to United Aircraft Corp. Turbine bearing support. 2,829,014, 4-1-58, Cl. 308—15.
- May Hosiery Mills: *See*—
Minton, Clarence W. 2,847,838.
- May, James L., 50% to G. L. Salley. Tool for knocking adhering barnacles and other anomalous growths from the hulls of boats and the like. 2,831,451, 4-22-58, Cl. 114—222.
- May, John C.: *See*—
Groh, Richard E., and May. 2,824,579.
- May, John P., to General Electric Co. Radial type hydraulic unit. 2,823,619, 2-18-58, Cl. 103—161.

- May, Louras D. Cover for receptacles. 2,821,230, 1-28-58, Cl. 150-52.
- May, Maurice, to American Art Metals Co. Snap-in glass setting construction. 2,837,785, 6-10-58, Cl. 20-56.4.
- May, Maurice, to American Art Metals Co. Threshold. 2,840,868, 7-1-58, Cl. 20-64.
- May, Maurice, to American Art Metals Co. Weatherstrip mounting assembly. 2,866,237, 12-30-58, Cl. 20-69.
- May, Michael: *See—*
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- May, Naomi C., $\frac{1}{2}$ to Joseph A. Sutton. Cleaning mitten. 2,821,731, 2-4-58, Cl. 15-227.
- May, Naomi C. Collapsible steering column. 2,852,956, 9-23-58, Cl. 74-493.
- May, Otto A. Mechanical door check. 2,836,844, 6-3-58, Cl. 16-65.
- May, Patrick L.: *See—*
Harstick, William H., and May. 2,839,981.
- May, Paul D.: *See—*
Binning, Robert C., and May. 2,831,031.
- May, Paul D., J. A. Ridgway, Jr., and F. T. Wadsworth, to The American Oil Co. Chemical process. 2,865,965, 12-23-58, Cl. 260-609.
- May, Robert E.: *See—*
Buckle, Jack O., and May. 2,826,172.
- May, Russell D., to H₂ Oil Engineering Corp. Methods and means for the treatment of oil, gas and water emulsions. 2,864,502, 12-16-58, Cl. 210-72.
- May, Shelomo. Multiple answer electrical quiz game. 2,860,422, 11-18-58, Cl. 35-9.
- May, Walter G.: *See—*
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Schulman, Bernard L., and May. 2,864,763.
- May, William C., to Dow Corning Corp. Organosilicon release agents. 2,833,658, 5-6-58, Cl. 106-38.24.
- Mayans, Julio C. C.: *See—*
Fábregas, José H., and Mayans. 2,831,083.
- Maybach-Motorenbau G. m. b. H.: *See—*
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- Maybrun, Arthur E.: *See—*
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- Mayburg, Summer: *See—*
Finn, George B., Jr., and Mayburg. 2,844,460.
- Maybury, Paul C.: *See—*
Gipe, Robert C., and Maybury. 2,856,831.
- Maychark, Fred B.: *See—*
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- Maydew, Aubrey F. Automatic pipe layer and racker. 2,852,147, 9-16-58, Cl. 214-2.5.
- Mayer, Alfred: *See—*
Price, William J., and Mayer. 2,844,989.
- Mayer, Arthur, to Reeves Instrument Corp. Electromechanical resolver. 2,864,924, 12-16-58, Cl. 201-48.
- Mayer, Bruno: *See—*
Dunn, Holbert E., Mayer, and O'Brien. 2,822,240.
- Mayer, Carl H., Jr. Candy cup setting and loading machine. 2,822,651, 2-11-58, Cl. 53-70.
- Mayer, Donald W., to Tung-Sol Electric Inc. Method of forming phosphor screens. 2,826,510, 3-11-58, Cl. 117-33.5.
- Mayer, Edward F., to Horizons Inc. Apparatus for determining moisture. 2,862,090, 11-25-58, Cl. 201-63.
- Mayer, Edward F., and L. Owens, to Horizons Inc. Photoconductive material. 2,822,300, 2-4-58, Cl. 117-201.
- Mayer, Gerald C., to C D C Control Services, Inc. Weight control system for cigarette making machine. 2,850,018, 9-2-58, Cl. 131-22.
- Mayer, Henry G. Hosiery mending device. 2,819,598, 1-14-58, Cl. 66-1.
- Mayer, Joe L., to Simplicity Tool Co. Sliding fit fastener. 2,831,717, 4-22-58, Cl. 287-54.
- Mayer, John P., and M. D. Wright, to The Glidden Co. Aluminum dipping enamel, and article coated therewith. 2,827,388, 3-18-58, Cl. 106-290.
- Mayer, Lazare. Flexible tiara. 2,866,204, 12-30-58, Cl. 2-174.
- Mayer, Max. Work feeding and guiding device for shaping machines. 2,864,415, 12-16-58, Cl. 144-246.
- Mayer, Mayer, Jr., and J. I. Kotter, to United States of America, Agriculture. Fiber cleaner. 2,848,754, 8-26-58, Cl. 19-67.
- Mayer, Natalie. Puppet gloves. 2,852,885, 9-23-58, Cl. 46-154.
- Mayer, Oscar, & Co., Inc.: *See—*
Jensen, Hans A., and Eberman. 2,831,302.
Kohrs, William R., Orloff, and Rohde. 2,860,763.
Seiferth, Oscar E., and Royston. 2,844,473.
- Mayer, Paul: *See—*
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- Mayer, Robert: *See—*
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- Mayer, Robert, and M. Corson. Collapsible lunch box. 2,844,272, 7-22-58, Cl. 220-6.
- Mayer, Simon E., to International Standard Electric Corp. Method of producing P-N junctions in semiconductor materials. 2,841,510, 7-1-58, Cl. 148-1.5.
- Mayer, Theodore W.: *See—*
Sarring, Ernest J., Kile, and Mayer. 2,843,283.
- Mayes, Fred M. Position adjustable hydrophone. 2,837,727, 6-3-58, Cl. 340-6.
- Mayes, Fred M., to Sun Oil Co. Tank gauge. 2,841,009, 7-1-58, Cl. 73-321.
- Mayes, Fred M., and E. T. Young, to Sun Oil Co. Pressure measuring device. 2,841,011, 7-1-58, Cl. 73-401.
- Mayes, Ronald W. Seal. 2,860,615, 11-18-58, Cl. 123-90.
- Mayes, Wesley T.: *See—*
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- Mayeux, Herman S.: *See—*
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- Mayfab Inc.: *See—*
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- Mayfield, Franklin D., and J. C. Shaw. Production of styrene and related compounds. 2,831,907, 4-22-58, Cl. 260-669.
- Mayfield, George C., to McQuay-Norris Mfg. Co. Piston ring element and method of making same. 2,837,385, 6-3-58, Cl. 309-44.
- Mayfield, George C., to McQuay-Norris Mfg. Co. Piston ring assemblies. 2,837,386, 6-3-58, Cl. 309-44.
- Mayfield, Raymond J., to E. I. du Pont de Nemours and Co. Platisol compositions, process of preparing same, water vapor permeable coated fabrics prepared therefrom and processes therefor. 2,825,711, 3-4-58, Cl. 260-31.8.
- Mayfield, Robert H.: *See—*
Drizius, Bennie F., and Mayfield. 2,826,095.
- Mayhew, Myron M., to Win-Well Mfg. Co. Rotary selector valve. 2,821,998, 2-4-58, Cl. 137-625.11.
- Mayhew, Raymond L., and C. F. Jelinek, to General Aniline & Film Corp. Corrosion inhibiting compositions. 2,835,635, 5-20-58, Cl. 252-57.
- Mayhew, Raymond L., and L. G. Nunn, to General Aniline & Film Corp. Emulsifier mixture, method of preparing same, and biocidal compositions therewith. 2,845,380, 7-29-58, Cl. 167-42.
- Maynard, Ernest G. One cylinder two cycle engine. 2,833,256, 5-6-58, Cl. 123-73.
- Maynard, Fred B., to National Union Electric Corp. Binary to decimal converter tube. 2,862,127, 11-25-58, Cl. 313-73.
- Maynard, John A.: *See—*
Egbert, John E., and Maynard. 2,864,066.
- Maynard, John T., to A. O. Smith Corp. Thrust bearing. 2,857,217, 10-21-58, Cl. 308-160.
- Maynard, Mark K. Hand operated mixer. 2,863,332, 12-9-58, Cl. 74-665.
- Maynard, Robert N., to S. C. Johnson & Son, Inc. Machine for wax coating comestibles. 2,839,024, 6-17-58, Cl. 118-18.
- Maynard, Robert W. Radar failure alarm. 2,854,663, 9-30-58, Cl. 343-17.7.
- Mayne, Robert. Application of electric impulses to the body by recording means. 2,820,433, 1-21-58, Cl. 128-24.5.
- Mayne, Robert A.: *See—*
Rifner, Frank D. 2,858,152.
- Mayne, Robert L. Kite control mechanism. 2,839,259, 6-17-58, Cl. 244-153.
- Mayner, Thomas S., to Industrial Rayon Corp. Apparatus for applying a treating solution to reels and the like. 2,820,358, 1-21-58, Cl. 68-200.
- Mayo, Charles G.: *See—*
Wigan, Edmund R., and Mayo. 2,854,643.
- Mayo, Clyde R.: *See—*
Crumrine, Herbert E., Lewis, and Mayo. 2,852,651.
- Mayo, Clyde R., and A. J. Cerasani, to The Haloid Co. Sheet handling machine. 2,822,172, 2-4-58, Cl. 271-74.
- Mayo, Harold T., to Gadget-Of-The-Month Club, Inc. Bubble producing device. 2,862,320, 12-2-58, Cl. 40-106.23.
- Mayo, Hays C., to The M. W. Kellogg Co. Pumps for high vapor pressure liquids. 2,839,006, 6-17-58, Cl. 103-87.
- Mayo, Roy E., to Caterpillar Tractor Co. Master track pin. 2,823,081, 2-11-58, Cl. 305-10.
- Mayo, Theodore: *See—*
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- Mayo, William R.: *See—*
Gauger, Richard A. 2,852,395.
- Mayo, William T., and E. L. Henderson. Dispensing device. 2,851,192, 9-9-58, Cl. 221-273.
- Mayor, Rowland H., to The Goodyear Tire & Rubber Co. Side chain halogenation of substituted aromatic compounds. 2,844,635, 7-22-58, Cl. 260-651.
- Mayorcas, Reginald: *See—*
Burton, Eric J., and Mayorcas. 2,733,844.
Fenton, Geoffrey, and Mayorcas. 2,861,305.
- Maytag Co., The: *See—*
Jones, Gerald W. 2,825,772.
Jones, Gerald W. 2,832,851.
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Smith, Thomas R. 2,833,056.
Smith, Thomas R. 2,836,046.
Smith, Thomas R. 2,836,083.
Smith, Thomas R. 2,849,559.
Smith, Thomas R. 2,854,144.
Smith, Thomas R. 2,858,688.
- Maywood, Inc.: *See—*
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- Mayzik, Peter P. Adaptor unit. 2,828,394, 3-25-58, Cl. 200-168.
- Maze, Robert O., to Minneapolis-Honeywell Regulator Co. Liquid level indicating apparatus. 2,852,937, 9-23-58, Cl. 73-304.

- Maze, Robert O., to Minneapolis-Honeywell Regulator Co. Apparatus for adjusting the static balance of a sensitive instrument about a rotational axis. 2,859,626, 11-11-58, Cl. 74-5.7.
- Mazeffa, George M., and C. A. Damm. Multi-purpose test fixture assembly. 2,845,794, 8-5-58, Cl. 73-88.
- Mazeika, Albert, to Milton Mfg. Co., Inc. Automatic sealing mechanism for pistons and the like. 2,865,695, 12-23-58, Cl. 309-34.
- Maze-Sancier, Alphonse M. E. J., deceased; by H. M. S. Maze-Sancier, born P. P. de Villechenon, widow and heir and natural and legal guardian of three minor heirs, R. M. A. J. Maze-Sancier, heir, E. Charles, and L. L. Freisz, to Dizem, Societe Anonyme. Process and apparatus for purifying impure alcoholic liquid. 2,828,249, 3-25-58, Cl. 202-39.5.
- Maze-Sancier, Henriette M. S.: See—
- Maze-Sancier, Alphonse M. E. J., Charles, and Friesz. 2,828,249.
- Maze-Sancier, Robert M. A. J.: See—
- Maze-Sancier, Alphonse M. E. J., Charles, and Freisz. 2,828,249.
- Mazo, Robert M., and S. Larach, to Radio Corp. of America. Electroluminescent materials. 2,847,886, 8-12-58, Cl. 252-301.6.
- Mazur, Daniel G.: See—
- Lichtman, Samuel W., and Mazur. 2,835,883.
- Mazur, Ferdinand J.: See—
- Weinrich, Arthur R., and Mazur. 2,821,115.
- Mazur, John: See—
- Nissenson, Phineas S., and Mazur. 2,862,163.
- Mazur, Mitchell. Air separators for heating plants. 2,827,126, 3-18-58, Cl. 183-30.
- Mazur, Robert H.: See—
- Marshall, Charles W., and Mazur. 2,824,882.
- Marshall, Charles W. and Mazur. 2,840,576.
- Mazur, Victor N., to Westinghouse Electric Corp. Adjustable speed motor control circuit. 2,836,782, 5-27-58, Cl. 318-331.
- Mazza, Harold, D. L. Sawyer, and R. W. Baier, to American Potash and Chemical Corp. Process for producing amorphous boron of high purity. 2,866,688, 12-30-58, Cl. 23-209.
- Mazzagatti, Roy P., to The Texas Co. Integration of electrical signals. 2,836,359, 5-27-58, Cl. 235-61.
- Mazzagatti, Roy P., to The Texas Co. Manufacture of radiation detectors and the like. 2,844,707, 7-22-58, Cl. 219-74.
- Mazzagatti, Roy P., to The Texas Co. Manufacture of radiation detectors and the like. 2,856,739, 10-21-58, Cl. 53-8.
- Mazzarins, Janis: See—
- Selyem, Edwin J., and Mazzarins. 2,837,379.
- Mazzarins, Janis, to General Motors Corp. Track recoil mechanism. 2,837,380, 6-3-58, Cl. 305-9.
- Maggio, Anthony J., G. P. Niesen, G. E. Engelstad, and E. H. Du Bois, to A. B. Dick Co. Master ejecting mechanism for duplicators. 2,821,910, 2-4-58, Cl. 101-132.15.
- Mazzocco, Dante V. Panel core constructions. 2,837,788, 6-10-58, Cl. 20-91.
- Mazzola, Anthony. Automatic wood working slotting machine. 2,864,414, 12-16-58, Cl. 144-136.
- Mazzoni, Renato J.: See—
- Englehart, Oscar D., and Mazzoni. 2,838,810.
- McAdam, Harry H., to Hodges Wetmore, d. b. a. Hodges Wetmore and Associates. Electric motor components and the like and method for making the same. 2,846,599, 8-5-58, Cl. 310-43.
- McAdam, Harry H. New composition of matter comprising epoxy resin, liquid polysulphide polymer, and buna-N. 2,858,291, 10-28-58, Cl. 260-45.5.
- McAdam, John E.: See—
- Maeser, William C., and McAdam. 2,863,141.
- McAdam, Walter K., to American Telephone and Telegraph Co. Automatic level equalizer. 2,826,637, 3-11-58, Cl. 179-15.
- McAdam, Will: See—
- Clark, William R., McAdam, and Cheng. 2,846,629.
- McAdams, Paul F.: See—
- Christensen, Bruce V., and McAdams. 2,839,849.
- McAdams, William A.: See—
- Creutz, Edward C., McAdams, and Foss. 2,844,735.
- Wigner, Eugene P., and McAdams. 2,849,284.
- McAdams, William A., and M. H. Foss, to United States of America, Atomic Energy Commission. Leakage testing method. 2,846,872, 8-12-58, Cl. 73-45.5.
- McAdie, Colin H., to Westinghouse Electric Corp. AC load control with two control tubes. 2,832,026, 4-22-58, Cl. 318-356.
- McAdow, Walter R., to American-Marletta Co. Method of making metal flakes. 2,839,378, 6-17-58, Cl. 75-0.5.
- McAfee, Millard F., 1/2 to O. A. Dreiling. Self-unloading drain pan. 2,845,180, 7-29-58, Cl. 210-413.
- McAfferty, George H., to United Aircraft Corp. Directional controls for jets. 2,841,955, 7-8-58, Cl. 60-35.54.
- McAleer, William J.: See—
- Dulaney, Eugene L., and McAleer. 2,819,200.
- Dulaney, Eugene L., and McAleer. 2,819,201.
- Dulaney, Eugene L., and McAleer. 2,863,806.
- McAleer, William, and E. L. Dulaney, to Merck & Co., Inc. Microbial polyhydroxylation of steroids. 2,831,798, 4-22-58, Cl. 195-51.
- McAlister, Craig L., to McGraw-Edison Co. Protectors for electric circuits. 2,828,390, 3-25-58, Cl. 200-131.
- McAlley, David, to North American Philips Co., Inc. Tuning drive device. 2,828,430, 3-25-58, Cl. 310-91.
- McAlpine, Charles H.: See—
- Winkel, Herbert C., McAlpine, and Meschke. 2,859,859.
- Winkel, Herbert C., McGowan, and McAlpine. 2,843,072.
- Winkel, Herbert C., McGowan, Meschke, and McAlpine. 2,843,894.
- McAlvay, John C., to Webster Electric Co. Directional flow control valve. 2,862,518, 12-2-58, Cl. 137-622.5.
- McAmis, Harry R.: See—
- Gearhart, William M., and McAmis. 2,848,341.
- McAndrew, Richard T.: See—
- Baker, Cameron A., and McAndrew. 2,821,086.
- McAneny, Edward G. Hand stamp. 2,819,668, 1-14-58, Cl. 101-125.
- McAninch, Herbert A., and V. M. Tharpe, to Borg-Warner Corp. Transmission. 2,858,712, 11-4-58, Cl. 74-665.
- McArdle, Gerald W., to Phillips Petroleum Co. Container. 2,853,209, 9-23-58, Cl. 222-107.
- McArthur, Bruce E., to Magnethermic Corp. Apparatus for induction heating. 2,820,128, 1-14-58, Cl. 219-10.67.
- McArthur, Bruce E., to Magnethermic Corp. Induction heating systems. 2,838,641, 6-10-58, Cl. 219-10.75.
- McArthur, Bruce E., and V. R. Pieron, to Magnethermic Corp. Differential temperature measurement on billets. 2,859,323, 11-4-58, Cl. 219-10.41.
- McArthur, Charles S., to National Research Council. Method of producing L- α -glycerylphosphorylcholine. 2,864,848, 12-16-58, Cl. 260-461.
- McArthur, Donald W., to Miehle-Goss-Dexter, Inc. File card structure. 2,861,370, 11-25-58, Cl. 40-159.
- McArthur, Elmer D., to General Electric Co. Electric discharge devices. 2,828,438, 3-25-58, Cl. 313-250.
- McArthur, Elmer D., to General Electric Co. Radar system for detecting object movement and velocity. 2,836,811, 5-27-58, Cl. 343-8.
- McArthur, Elmer D., to General Electric Co. Electric discharge device and methods. 2,860,280, 11-11-58, Cl. 315-5.46.
- McArthur, Moral R., and F. B. Odasz, Jr., to Husky Oil Co. Well drilling. 2,854,214, 9-30-58, Cl. 255-1.8.
- McArthur, Ralph F., and M. R. Mecusker, to Kobe, Inc. Apparatus for inserting soluble plugs in fluid lines. 2,866,213, 12-30-58, Cl. 15-104.06.
- McAulay, Hubert J.: See—
- Burns, Alvin G., and McAulay. 2,829,724.
- McAuley, James H. Hydraulically operated reciprocating mechanism. 2,853,057, 9-23-58, Cl. 121-150.
- McAuley, James W.: See—
- McCown, William E., and McAuley. 2,854,795.
- McAuliffe, Dennis N., 50% to H. Cambeis. Drill bit retriever. 2,848,268, 8-19-58, Cl. 294-99.
- McBain, Frank: See—
- Streich, William and F. H., and McBain. 2,825,455.
- McBean, Douglas M., and L. C. Tallman, to McBean Research Corp. Sauerkraut processing apparatus. 2,837,319, 6-3-58, Cl. 259-95.
- McBean Research Corp.: See—
- McBean, Douglas M., and Tallman. 2,837,319.
- McBee, Earl T., and J. D. Idol, Jr., to Purdue Research Foundation. Composition of matter having the formula C_6H_8 and process for its preparation. 2,849,499, 8-26-58, Cl. 260-648.
- McBee, Warren D., to Sperry Rand Corp. Travelling wave tubes. 2,848,645, 8-19-58, Cl. 315-3.5.
- McBerty, Robert K. Light gauge metal building construction. 2,845,150, 7-29-58, Cl. 189-34.
- McBeth, Lloyd D.: See—
- Fessler, William A., Hutter, and McBeth. 2,829,080.
- McBride, Charles B., and P. F. Best, to The Thermix Corp. Apparatus for separating mist particles or droplets from gases. 2,848,060, 8-19-58, Cl. 183-34.
- McBride, Edward T.: See—
- Oxford, Malcolm R., and McBride. 2,860,890.
- McBride, Howard R., Jr., to K. W. Jernstrom. Hatch cover. 2,857,874, 10-28-58, Cl. 114-202.
- McBride, Robert J. Solids proportioning and mixing system. 2,863,651, 12-9-58, Cl. 259-154.
- McBride, William J., Jr., to The Regents of the University of California. Electron beam deflection tube. 2,835,844, 5-20-58, Cl. 315-5.27.
- McBright, Inc.: See—
- McCullough, William L. 2,855,064.
- McBurney, James E., F. S. Wright, and L. H. Wideman, to Owen-Illinois Glass Co. Article transfer means. 2,826,289, 3-11-58, Cl. 198-22.
- McCabe, Charles P., and O. Werther, to Republic Steel Corp. Mine roof bolt having wedge sections mounted on a T-headed shank. 2,825,258, 4-3-58, Cl. 85-2.4.
- McCabe, Edmond B. Disposal can carrier. 2,851,180, 9-9-58, Cl. 214-384.
- McCabe, Lynn B., 1/2 to W. M. Miller. Combination caster and leveler for appliances. 2,828,578, 4-1-58, Cl. 45-139.
- McCadden, Walter E., to General Mills, Inc. Automatic contour duplicator. 2,866,390, 12-30-58, Cl. 90-13.4.
- McCafferty, Edward A., to The National Marking Machine Co. Temporary identification laundry marking system. 2,848,348, 8-19-58, Cl. 117-1.

- McCafferty, Frank L., and A. H. Johnson, to Waugh Equipment Co. Cushion underframes, 2,818,982, 1-7-58, Cl. 213-8.
- McCaffrey, M. P., Inc.: See—
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- McCabon, John O., and R. G. Proctor, to R. R. Donnelley & Sons Co. Book feeling mechanism for a band saw, 2,822,003, 2-4-58, Cl. 143-26.
- McCain, Cecil C., G. Stuhfauth, and B. L. Wright, to Western Electric Co., Inc. Apparatus for twisting wires, 2,860,670, 11-18-58, Cl. 140-149.
- McCain, Homer I. Photographic printing device, 2,830,493, 4-15-58, Cl. 83-24.
- McCain, William W., and C. E. Hillman; said Hillman assor. to said McCain. Machine for gluing book backs, 2,858,007, 10-28-58, Cl. 198-29.
- McCaleb, Kirtland E.: See—
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- McCall Corp.: See—
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- McCall, Marvin A., and R. L. McConnell, to Eastman Kodak Co. Polyvinyl chloride compositions containing a urea-lower alkyl monophosphate reaction product as a light stabilizer, 2,824,081, 2-18-58, Cl. 260-45.9.
- McCall, Marvin A., and H. W. Coover, Jr., to Eastman Kodak Co. Catalytic process for the preparation of long chain alkyl aromatic compounds, 2,824,145, 2-18-58, Cl. 260-671.
- McCall, Marvin A., and H. W. Coover, Jr., to Eastman Kodak Co. Oxidized copolymers of ethylene and β -propiolactone and their preparation, 2,856,376, 10-14-58, Cl. 260-29.6.
- McCall, Sherard M., to R. G. Silbaugh. Foot pedal adjustment for hospital bed, 2,837,751, 6-10-58, Cl. 5-80.
- McCallister, Edward S., to North American Philips Co., Inc. A. C.-mains-operated high-gain low frequency electronic amplifiers, 2,835,865, 5-20-58, Cl. 323-45.
- McCallister, Howard H., to The Martin Co. Safety seating arrangement for a high speed conveyance, 2,859,803, 11-11-58, Cl. 155-189.
- McCallum, John, to Remington Arms Co., Inc. Rectifying secondary cell, 2,856,446, 10-14-58, Cl. 136-26.
- McCallum, Neville C. Bearings, 2,850,337, 9-2-58, Cl. 308-189.
- McCallum, Robert A., to Goodman Mfg. Co. Cuttings discharge devices, 2,829,763, 4-8-58, Cl. 198-213.
- McCallum, Robert A., to Goodman Mfg. Co. Flexible frame conveyor, 2,851,151, 9-9-58, Cl. 198-192.
- McCally, Carl T.: See—
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- McCampbell, James M., to United States of America, Navy. Radiation intensity dosage analogue computer, 2,844,312, 7-22-58, Cl. 235-61.
- McCandless, Clarence H.: See—
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- McCandless, Robert W.: See—
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- McCannless, William J. Home trailer bathtub, 2,826,785, 3-18-58, Cl. 20-111.
- McCannless, William J. Motor vehicle skid rail construction, 2,843,953, 7-22-58, Cl. 40-129.
- McCann, Joe G., to Gilfillan Bros., Inc. Lossless radio frequency power mixer, 2,851,665, 9-9-58, Cl. 339-9.
- McCann, John E., to Raytheon Mfg. Co. Mechanically tuned klystrons, 2,866,123, 12-23-58, Cl. 315-5.22.
- McCann, Joseph A., to Thompson Products, Inc. Means for detecting flaws, 2,844,787, 7-22-58, Cl. 324-37.
- McCann, Keith: See—
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- McCann, Mary J. Portable knockdown beach shelter, 2,848,756, 8-26-58, Cl. 20-2.
- McCann, Robert B. Water valve with drainage attachment, 2,849,024, 8-26-58, Cl. 137-596.2.
- McCants, James F., to Pan American Petroleum Corp. Preparation of highly soluble paraformaldehyde, 2,823,237, 2-11-58, Cl. 260-615.5.
- McCarley, Henry L., to Northrop Aircraft, Inc. Clamp tightener, 2,859,648, 11-11-58, Cl. 81-3.
- McCarroll, Joseph F., Jr., and W. H. Burkhardt, to Monroe Calculating Machine Co. Operating controls for electronic computers, 2,855,884, 10-7-58, Cl. 340-174.
- McCarthy, Dan C. Combination window and sun-proof screen, 2,849,762, 9-2-58, Cl. 20-65.5.
- McCarthy, Edward J., to Pneumatic Scale Corporation Ltd. Vacuum filling machine, 2,839,093, 6-17-58, Cl. 141-51.
- McCarthy, Edward J., and A. F. Whitehead, to Pneumatic Scale Corp. Vacuum filling machine, 2,847,040, 8-12-58, Cl. 141-51.
- McCarthy, Edward M.: See—
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- McCarthy, Eugene E.: See—
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- McCarthy, Harry E., and W. Prunte, to The McKay Co. Sling chain shackle, 2,835,528, 5-20-58, Cl. 294-74.
- McCarthy, James F., to Shuron Optical Co., Inc. Edge grinding machine for lenses, 2,821,050, 1-28-58, Cl. 51-101.
- McCarthy, John A., to Bell Telephone Laboratories, Inc. Grid structure, 2,834,900, 5-13-58, Cl. 313-63.
- McCarthy, John F., Inc.: See—
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- McCarthy, John J.: See—
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- McCarthy, John L. Reconstituted dry milk product, 2,851,358, 9-9-58, Cl. 99-56.
- McCarthy, Joseph A., E. M. Allen, and E. L. Priebe, to Columbia-Southern Chemical Corp. Process for purifying silica, 2,854,316, 9-30-58, Cl. 23-182.
- McCarthy, Lawrence A., to Western Electric Co., Inc. Method of assembling articles, 2,842,842, 7-15-58, Cl. 29-505.
- McCarthy, Lenore W.: See—
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- McCarthy, Patrick G.: See—
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- McCarthy, Patrick G., and D. Winfield, to William Cotton Ltd. Straight bar knitting machine, 2,839,908, 6-24-58, Cl. 66-130.
- McCarthy, Patrick G., and D. Winfield, to William Cotton Ltd. Straight bar knitting machine, 2,841,001, 7-1-58, Cl. 66-82.
- McCarthy, Paul R.: See—
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- McCarthy, Paul R., and T. R. Orem, to Gulf Research & Development Co. Homogeneous lithium base lubricating grease compositions, 2,844,537, 7-22-58, Cl. 252-41.
- McCarthy, Philip A.: See—
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- McCarthy, Thomas M., and A. S. Roald, to The Procter & Gamble Co. Granular detergent compositions, 2,846,401, 8-5-58, Cl. 252-138.
- McCarthy, Vincent J., and G. L. Adams, to The Salem Tool Co. Auger boring head with non-rotating barrel, 2,864,601, 12-16-58, Cl. 262-26.
- McCartney, Bruce L., to P. W. Parker. Flare pot holder, 2,865,588, 12-23-58, Cl. 248-226.
- McCarthy, Clyde W., to General Electric Co. Servomotor system adapted for measuring, 2,855,551, 10-7-58, Cl. 318-28.
- McCarthy, Dale E.: See—
Forry, Donald R., 2,845,764.
- McCarthy, Donald L.: See—
Walton, George W., and McCarthy, 2,833,353.
- McCarthy, Frederick J.: See—
Tilford, Charles H., Van Campen, and McCarthy, 2,832,786.
- McCarthy, John O., to J. L. Franklin. Automatic recording and announcing machine, 2,831,927, 4-22-58, Cl. 179-100.1.
- McCarthy, Lewis C., Jr. Helicopter, 2,847,173, 8-12-58, Cl. 244-17.11.
- McCarthy, Lourdes V., to Controls Co. of America. Automatic shut-off fueling nozzle, 2,821,212, 1-28-58, Cl. 141-209.
- McCarthy, Lourdes V., to Controls Co. of America. Gas nozzle, 2,827,929, 3-25-58, Cl. 141-209.
- McCarthy, Orin P., E. J. De Noyers, and J. F. McKenney, to General Electric Co. Double break liquid blast contactor, 2,847,541, 8-12-58, Cl. 200-150.
- McCarthy, Verle E., to General Motors Corp. Distributor structure package, 2,839,186, 6-17-58, Cl. 206-46.
- McCarthy, Verle E., and J. R. Mail, to General Motors Corp. Distributor structure, 2,821,185, 1-28-58, Cl. 123-148.
- McCaughna, James R., to Radio Mfg. Co., Inc. Non-emissive electrode, 2,822,302, 2-4-58, Cl. 117-221.
- McCaulay, David A.: See—
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- McCaulay, David A., to Standard Oil Co. Durene process, 2,848,511, 8-19-58, Cl. 260-668.
- McCaulay, David A., to Standard Oil Co. Prehnitene manufacture by disproportionation, 2,857,441, 10-21-58, Cl. 260-671.
- McCaulay, David A., and A. P. Lien, to Standard Oil Co. Tertiary butyltoluene production, 2,819,323, 1-7-58, Cl. 260-671.
- McCaulay, David A., and A. P. Lien, to Standard Oil Co. Production of di-alkylnaphthalenes by disproportionation of alkyl-naphthalenes, 2,819,324, 1-7-58, Cl. 260-671.
- McCaw, Stanley W., 50% to M. L. Decker. Apparatus for molding burial vaults, 2,832,995, 5-6-58, Cl. 18-34.
- McCawley, Frank X.: See—
Dean, Reginald S., and McCawley, 2,863,765.
- McCawley, Frank X., to Chicago Development Corp. Articles produced by powder metallurgy and method of producing same, 2,827,374, 3-18-58, Cl. 75-226.
- McCawley, Frank X., to Chicago Development Corp. Deoxidation of alkaline halides, 2,858,258, 10-28-58, Cl. 204-64.
- McCawley, Frank X., to Chicago Development Corp. Method of forming carbonaceous protective coatings on titanium and zirconium, 2,865,797, 12-23-58, Cl. 148-13.1.
- McChesney, Cuyler S., to Dunlop Tire and Rubber Corp. Flexible hose fluid pump, 2,826,993, 3-18-58, Cl. 103-149.
- McChesney, Henry A. Building panel structure and clip therefor, 2,862,585, 12-2-58, Cl. 189-88.

- McChesney, James S., and G. R. Brown, to Minneapolis-Honeywell Regulator Co. Valve having manual and automatic means for operating it. 2,863,470, 12-9-58, Cl. 137-82.
- McClaffine, Gifford G., and E. L. Miller, to Continental Oil Co. Chloromethylation. 2,846,480, 8-5-58, Cl. 260-651.
- McClain, Archie L. Self towing device. 2,823,865, 2-18-58, Cl. 238-14.
- McClain, Forrest. Timing and idling control mechanism. 2,861,558, 11-25-58, Cl. 123-102.
- McClain, Harry W. Pressure balanced carburetor. 2,855,284, 10-7-58, Cl. 48-184.
- McClain, Melvin A., to United Engineering and Foundry Co. Lock nut. 2,851,292, 9-9-58, Cl. 287-53.
- McClamroch, Harold H., $\frac{1}{2}$ to James G. W. MacClamroch. Picker stick check. 2,851,062, 9-9-58, Cl. 139-163.
- McClamroch, Harold H., $\frac{1}{2}$ to J. G. W. MacClamroch. Picker stick check. 2,856,967, 10-21-58, Cl. 139-163.
- McClaran, Johnson C. Portable hunting blind. 2,854,705, 10-7-58, Cl. 20-2.
- McCleery, James A.: *See—*
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- McClellan, Cyril E.: *See—*
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- McClellan, Cyril E., to Westinghouse Electric Corp. Reflecting surfaces. 2,840,819, 6-24-58, Cl. 343-781.
- McClellan, Marcus E., to Deere Mfg. Co. Reciprocating auger feeder for balers. 2,835,100, 5-20-58, Cl. 56-341.
- McClellan, Marcus E., to Deere Mfg. Co. Combined harvester and baler. 2,843,989, 7-22-58, Cl. 56-1.
- McClelland, Clarence P., to General Motors Corp. Flexible cable drive for oscillating shafts. 2,824,456, 2-25-58, Cl. 74-96.
- McClelland, Clarence P., to General Motors Corp. Windshield wiper transmission cable tensioning apparatus. 2,840,844, 7-1-58, Cl. 15-253.
- McClements, Willard J., and D. E. Elliott, to Allied Chemical & Dye Corp. Production of ethylene oxide. 2,831,870, 4-22-58, Cl. 260-348.5.
- McClenahan, William F. Combination fixture. 2,860,348, 11-18-58, Cl. 4-3.
- McCleskey, Jack R. Electromagnetic device. 2,829,319, 4-1-58, Cl. 317-191.
- McClintock, John A. Chuck wrench. 2,826,950, 3-18-58, Cl. 81-90.
- McClintock, John H., and R. W. Martz, Jr., to Esso Research and Engineering Co. Floatable partition for liquid storage tanks. 2,847,142, 8-12-58, Cl. 220-26.
- McClintock Mfg. Co.: *See—*
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- McCloskey, Ellsworth J.: *See—*
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- McCloskey, Ellsworth J., to The American Pulley Co. Adjustable sheaves. 2,849,886, 9-2-58, Cl. 74-230.17.
- McCloskey, Ellsworth J., to The American Pulley Co. Adjustable sheaves. 2,857,771, 10-28-58, Cl. 74-230.17.
- McCloud, George R., to McGraw-Edison Co. Load interrupter fuse cutout. 2,820,868, 1-21-58, Cl. 200-114.
- McCloud, George R., to McGraw-Edison Co. Fuse construction. 2,824,927, 2-25-58, Cl. 200-114.
- McCloud, George R., to McGraw-Edison Co. Fuse construction. 2,847,535, 8-12-58, Cl. 200-114.
- McCloud, George R., to McGraw-Edison Co. Combination fuse cutout and switch. 2,866,032, 12-23-58, Cl. 200-114.
- McCloy, Clark R. Speed regulating means for vehicles. 2,851,555, 9-9-58, Cl. 200-80.
- McClure, Arthur W., to Cleaver-Brooks Co. Fan structure. 2,835,320, 5-20-58, Cl. 158-2.
- McClure, Glenn T.: *See—*
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- McClure, Glenn T., to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,829,010, 4-1-58, Cl. 303-35.
- McClure, Glenn T., to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,830,851, 4-15-58, Cl. 303-38.
- McClure, Glenn T., and E. G. Erson, to Westinghouse Air Brake Co. Fluid pressure brake apparatus with improved independent application and release valve device. 2,829,008, 4-1-58, Cl. 303-26.
- McClure, Glenn T., and E. J. Laber, to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,829,009, 4-1-58, Cl. 303-38.
- McClure, Glenn T., and J. W. Rush, to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,830,850, 4-15-58, Cl. 303-35.
- McClure, Glenn T., and J. W. Rush, to Westinghouse Air Brake Co. Fluid pressure brake control apparatus with selector means providing for different types of brake release. 2,858,170, 10-28-58, Cl. 303-36.
- McClure, John S., to California Research Corp. Warming agent and process for the odorization of a hydrocarbon fuel gas therewith. 2,823,104, 2-11-58, Cl. 48-195.
- McClure, Kenneth R., to W. J. Dickey. Self-locking tag. 2,840,939, 7-1-58, Cl. 40-21.
- McClure, Robert E., to Olin Mathieson Chemical Corp. Process of preparing cyclohexanone. 2,822,398, 2-4-58, Cl. 260-586.
- McClure, William H.: *See—*
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- McClure, William L., to Sun Oil Co. Hydrocarbon conversion systems. 2,837,467, 6-3-58, Cl. 196-55.
- McClure, William L., to Sun Oil Co. Catalytic conversion system. 2,863,827, 12-9-58, Cl. 208-165.
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- McColl, William, to Diamond Power Specialty Corp. Soot blower control system. 2,865,042, 12-23-58, Cl. 15-317.
- McColloch, Robert J., and B. Gentili, to United States of America, Agriculture. Stabilization of citrus concentrates with fumaric acid or its salts. 2,843,355, 7-29-58, Cl. 99-153.
- McCollow, James T., to The Anaconda Co. Welding apparatus. 2,839,663, 6-17-58, Cl. 219-76.
- McCollow, Kenneth A., and D. R. De Boisblanc, to Phillips Petroleum Co. Pulse-producing apparatus for calibrating detonation meters. 2,830,191, 4-8-58, Cl. 250-214.
- McCough, Glen W. Yarn bobbin. 2,838,254, 6-10-58, Cl. 242-125.
- McCough, John D., $\frac{1}{2}$ to A. E. Grimley. Wheeled vehicle with differential steering mechanism. 2,834,605, 5-13-58, Cl. 280-91.
- McCough, John K., Jr., to Deering Milliken Research Corp. Apparatus for cleaning textile rolls. 2,832,084, 4-29-58, Cl. 15-21.
- McCollow, Burton. Method and apparatus for seismic exploration. 2,851,121, 9-9-58, Cl. 181-5.
- McCollow, Burton. Seismic exploration methods, systems and apparatus. 2,851,122, 9-9-58, Cl. 181-5.
- McCollow, John D.: *See—*
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- McCollow, Louis S.: *See—*
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- McColly, Lorraine F.: *See—*
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- McComb, Frank E., to Flexible Steel Lacing Co. Belt fastener. 2,851,753, 9-16-58, Cl. 24-33.
- McComb, Jack C. Cigarette ash tray and snuffer. 2,854,011, 9-30-58, Cl. 131-237.
- McComb, Robert D., to General Electric Co. Recording and portraying apparatus. 2,836,147, 5-27-58, Cl. 118-620.
- McCombs, Frank P.: *See—*
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- McCombs, Frank P., and R. G. Hyldon, to National Industrial Products Co. Process of producing a cold water soluble laundry starch and the product thereof. 2,819,980, 1-14-58, Cl. 106-213.
- McCombs, Roy. Pole support. 2,849,202, 8-26-58, Cl. 248-44.
- McConeghy, George, Jr.: *See—*
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- McConica, Thomas H., III. Wind flow recorder. 2,820,363, 1-21-58, Cl. 73-189.
- McConnaughay, Kenneth E. Asphaltic paving composition. 2,855,319, 10-7-58, Cl. 106-123.
- McConnaughay, Paul W., to Mine Safety Appliances Co. Spot testing. 2,839,368, 6-17-58, Cl. 23-230.
- McConnaughay, Paul W., to Mine Safety Appliances Co. Mixing and dispensing device. 2,854,977, 10-7-58, Cl. 128-272.
- McConnaughay, Paul W., to Mine Safety Appliances Co. Colorimetric determination. 2,855,280, 10-7-58, Cl. 23-232.
- McConnaughay, Robert K.: *See—*
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- McConnell, Albert L.: *See—*
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- McConnell, Andrew J., to General Electric Co. Phase comparison protective relaying system. 2,834,921, 5-13-58, Cl. 317-28.
- McConnell, David H.: *See—*
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- McConnell, Frank J., to The American Hardware Corp. Padlock. 2,865,193, 12-23-58, Cl. 70-38.
- McConnell, Howard M., to Jack & Heintz, Inc. Dynamo-electric machine. 2,832,907, 4-29-58, Cl. 310-113.
- McConnell, Howard M., and J. N. Ellis, to Jack & Heintz, Inc. Excitation circuit for brushless alternator. 2,843,768, 7-15-58, Cl. 310-68.
- McConnell, Howard M., and R. J. Lusk, to Jack & Heintz, Inc. Fault detector for polyphase circuits. 2,864,037, 12-9-58, Cl. 317-47.
- McConnell, Kenneth R., and P. R. Marzan, to Times Facsimile Corp. Automatic gain or frequency control. 2,824,168, 2-18-58, Cl. 178-6.6.
- McConnell, Kenneth R., and P. R. Marzan, to Times Facsimile Corp. Remote control system for continuous facsimile recorder. 2,860,180, 11-11-58, Cl. 178-6.6.
- McConnell, Richard L.: *See—*
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- McConnell, Richard L., to Eastman Kodak Co. Method of preparing O,O-dialkyl alkylthioalkyl phosphorothionates. 2,865,950, 12-23-58, Cl. 260-461.
- McConnell, Richard L., and H. W. Coover, Jr., to Eastman Kodak Co. O,O-dialkyl s-(1-dialkylphosphono-1-hydroxy) alkyl phosphorothiolothionates. 2,849,476, 8-26-58, Cl. 260-461.

- McConnell, Richard L., and H. W. Coover, Jr., to Eastman Kodak Co. S-trichloromethyl tetraalkylphosphorodiamidolates. 2,861,092, 11-18-58, Cl. 260-461.
- McConnell, Richard L., and J. B. Dickey, to Eastman Kodak Co. Reaction products of dialkyl phosphorothiolothionates and mucohalic acids. 2,861,093, 11-18-58, Cl. 260-461.
- McConnell, Richard L., and T. H. Wicker, Jr., to Eastman Kodak Co. Phosphorothiolothionates derived from esters of alkene- and alkane-1,1-diols. 2,861,094, 11-18-58, Cl. 260-461.
- McConnell, Richard L., and H. W. Coover, Jr., to Eastman Kodak Co. O,O-dialkyl S-(1,2-disubstituted hydrazino) phosphorothiolothionates. 2,865,949, 12-23-58, Cl. 260-461.
- McConnell, Roland G., to Sebago-Moc Co. Moccasin-type shoe blank and method of making same. 2,856,703, 10-21-58, Cl. 36-11.
- McConnell, Thomas M. Scheduling device. 2,838,862, 6-17-58, Cl. 40-124.
- McConnell, Wayne V.: *See*—
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- McConnell, William M., to Taylor-Wilson Mfg. Co. Pipe handling mechanism. 2,820,573, 1-21-58, Cl. 221-238.
- McConnell, William M., to Taylor-Wilson Mfg. Co. Driving mechanism for expanding pipe. 2,855,020, 10-7-58, Cl. 153-80,005.
- McConville, Robert H., to New Castle Products, Inc. Slipcover for accordion type folding closures. 2,839,134, 6-17-58, Cl. 160-84.
- McCord, Andrew T., to the United States of America as represented by the United States Atomic Energy Commission. Method of chlorinating carbide furnace products. 2,829,948, 4-8-58, Cl. 23-87.
- McCord, Georgie P.: *See*—
Iknyan, Alfred N., and McCord. 2,821,236.
- McCord, Georgie P., to United States Rubber Co. Tubeless tire valve. 2,839,120, 6-17-58, Cl. 152-427.
- McCord, Georgie P., and A. N. Iknyan, to United States Rubber Co. Valve for tubeless tire. 2,844,183, 7-22-58, Cl. 152-427.
- McCord, Jesse L. Tune-up extension for use with spark plugs for testing purposes. 2,853,691, 9-23-58, Cl. 339-252.
- McCordic, James R., to Chrysler Corp. Transmission gearshift control mechanism. 2,821,090, 1-28-58, Cl. 74-473.
- McCordic, James R., and E. Gonyou, to Chrysler Corp. Transmission control mechanism. 2,847,874, 8-19-58, Cl. 74-502.
- McCordic, James R., to Chrysler Corp. Remote control for multiple speed transmissions. 2,853,896, 9-30-58, Cl. 74-485.
- McCorquodale-Gresham, Inc.: *See*—
Gresham, Donald C. 2,841,492.
- McCorkle, D. H. Co.: *See*—
McCorkle, Donald H., Sr. 2,821,836.
McCorkle, Donald H., Sr. 2,821,837.
- McCorkle, Donald H., Sr., to D. H. McCorkle Co. Two-way fast acting bimetal control. 2,821,836, 2-4-58, Cl. 60-23.
- McCorkle, Donald H., Sr., to D. H. McCorkle Co. Two-way fast acting bimetal control element and improvements therein. 2,821,837, 2-4-58, Cl. 60-23.
- McCormack, Alex A., to Thompson Products, Inc. Refrigeration apparatus. 2,827,226, 3-18-58, Cl. 230-152.
- McCormack, Donald C., to J. A. Wilson Lighting & Display Inc. Lighting fixture. 2,828,408, 3-25-58, Cl. 240-9.
- McCormack, Leonard J., Jr.: *See*—
Reimers, Alfred E., Tavender, and McCormack. 2,839,195.
- McCormack, William H., to The Garrett Corp. Feedback amplifiers. 2,835,749, 5-20-58, Cl. 179-171.
- McCormick, Charles E. Glare shield for curved windshields. 2,862,762, 12-2-58, Cl. 296-97.
- McCormick & Co., Inc.: *See*—
Bonotto, Michele. 2,863,774.
Graves, Robert E., Hall, and Karas. 2,835,591.
- McCormick, Francis A., to Owens-Illinois Glass Co. Partition strip feeding and cutting mechanism. 2,855,009, 10-7-58, Cl. 143-53.
- McCormick, Francis H., to General Motors Corp. Domestic appliance. 2,850,613, 9-2-58, Cl. 219-37.
- McCormick, Jerry R. D., and W. Hoffer, to American Cyanamid Co. Purification of triethylamine. 2,846,376, 8-5-58, Cl. 202-42.
- McCormick, Karl, to W. F. Wilson. Heart beat indicator. 2,829,637, 4-8-58, Cl. 128-205.
- McCormick, Martin M., and J. W. Nelson, to Sinclair Refining Co. Production of anhydrous calcium grease. 2,831,811, 4-22-58, Cl. 252-39.
- McCormick, Rembe: *See*—
Glick, Edward G. 2,822,902.
- McCormick, Walter R.: *See*—
Schaufelberger, Felix A., and McCormick. 2,836,485.
- McCormick, William P. Screen printing apparatus. 2,851,947, 9-16-58, Cl. 101-122.
- McCorquodale Colour Display Ltd.: *See*—
Weingart, Richard I. N., and Sanderson. 2,831,509.
- McCowan, David A. Oil display rack and utility cabinet. 2,851,064, 9-9-58, Cl. 141-98.
- McCown, William E., to Westinghouse Electric Corp. Electric motor device. 2,857,537, 10-21-58, Cl. 310-83.
- McCown, William E., and J. W. McAuley, to Libby-Owens-Ford Glass Co. Grinding apparatus. 2,854,795, 10-7-58, Cl. 51-59.
- McCoy, Charles M. Utility shelf for an instrument panel. 2,845,315, 7-29-58, Cl. 311-21.
- McCoy, Clarence E., to Western Electric Co., Inc. Shock absorbers for billets. 2,823,812, 2-18-58, Cl. 214-18.
- McCoy, Claudius T.: *See*—
Beardwood, Joseph T., III, McCoy, and Sunstein. 2,828,411.
- McCoy, Claudius T., to Philco Corp. Electrical system. 2,825,009, 2-25-58, Cl. 317-101.
- McCoy, David O., to Collins Radio Co. Navigation system. 2,857,672, 10-28-58, Cl. 33-1.
- McCoy, Donald R., to Bendix Aviation Corp. Alarm system responsive to sonic vibrations. 2,832,915, 4-29-58, Cl. 315-168.
- McCoy, Frederic C., to The Texas Co. Pulverizing method and apparatus. 2,836,368, 5-27-58, Cl. 241-17.
- McCoy, George, C. E. Inman, and G. D. Kyker, to Pennsalt Chemicals Corp. Production of chlorothiophene. 2,851,464, 9-9-58, Cl. 260-332.5.
- McCoy, John G., to Balance Engineering Co. Rotor unbalance indicating device with stroboscope phasing. 2,823,544, 2-18-58, Cl. 73-466.
- McCoy, Marcus A., to Hoffman Electronics Corp. Compressor circuits for panoramic receivers. 2,823,303, 2-11-58, Cl. 250-20.
- McCoy, Paul E.: *See*—
Mertens, Edward W., and McCoy. 2,862,830.
- McCoy, Rawley D., and L. Wiesner, to Reeves Instrument Corp. Electronic multiplier and divider. 2,839,244, 6-17-58, Cl. 235-61.
- McCoy, Robert. Head protective cap device for athletes. 2,861,270, 11-25-58, Cl. 2-3.
- McCoy, Robert E., to The Dow Chemical Co. Preparation of 1,1-dimethoxycyclohexane. 2,822,402, 2-4-58, Cl. 260-611.
- McCoy, Robert L., and J. Kaminski, Jr., to General Electric Co. Shielding for electrical transmission installations having two conductors per phase. 2,865,982, 12-23-58, Cl. 174-141.
- McCracken, Edward A.: *See*—
Mertzweiler, Joseph K., Cull, and McCracken. 2,820,067.
- McCracken, James M. Gate brick. 2,860,392, 11-18-58, Cl. 22-129.
- McCracken, John H., Jr., and E. L. Bolick, to Diamond Alkali Co. Gas-liquid contact apparatus. 2,825,543, 3-4-58, Cl. 261-118.
- McCracken, Leo B., Sr., to American Brake Shoe Co. Apparatus for feeding powdered or granular materials to receptacles. 2,848,741, 8-26-58, Cl. 18-30.
- McCray, Arthur W. Flexible fluid seal pump. 2,826,151, 3-11-58, Cl. 103-117.
- McCray, Thomas G. Battery cable connector. 2,819,455, 1-7-58, Cl. 339-225.
- McCrea, John M.: *See*—
Kang, Chia-Chen C., and McCrea. 2,849,504.
- McCrea, Melvin L.: *See*—
Norris, Bevitt J., and McCrea. 2,858,498.
- McCreary, Charles H., to General Motors Corp. Counterbalance assembly. 2,822,567, 2-11-58, Cl. 16-85.
- McCreary, Harold J., to General Telephone Laboratories, Inc. Tape movement check in a telegraph system. 2,860,182, 11-11-58, Cl. 178-17.5.
- McCreary, Henry S., Jr., to Westinghouse Electric Corp. Ionization chamber. 2,852,694, 9-16-58, Cl. 250-83.1.
- McCreary, Paul: *See*—
Todd, Russell T., and McCreary. 2,837,295.
- McCreary, Ralph L., to Collins Radio Co. Coupling means. 2,852,752, 9-16-58, Cl. 333-33.
- McCreary, Edward P., and M. F. Arms, to The C. O. Bartlett & Snow Co. Corn shelling apparatus. 2,849,004, 8-26-58, Cl. 130-6.
- McCreary, Hugh L.: *See*—
Jenkins, Wallace, and McCreary. 2,846,122.
- McCreight, Donald O.: *See*—
Davies, Ben, and McCreight. 2,838,409.
- McCrory, James R., to Bell Telephone Laboratories, Inc. Automatic continuous zero-setting of a balanced detector. 2,833,921, 5-6-58, Cl. 250-27.
- McCrory, William. Ironing board. 2,866,284, 12-30-58, Cl. 38-140.
- McCrosky Tool Corp.: *See*—
Tucker, Charles D. 2,863,210.
- McCue, Clarence J.: *See*—
Two, Joseph A. 2,847,088.
- McCue, Eugene J. Process for separating comminuted materials. 2,850,164, 9-2-58, Cl. 209-171.
- McCuistion, Tommy J., to Parker-Hannifin Corp. Sealing ring and joint. 2,841,429, 7-1-58, Cl. 288-19.
- McCullar, Grover G.: *See*—
Blount, Joseph W., and McCullar. 2,846,139.
- McCulley, Henry K. Fastening device. 2,831,280, 4-22-58, Cl. 40-125.
- McCulley, Irvin W.: *See*—
Haretik, Stephen J., and McCulley. 2,818,602.
- McCulley, James M., to Radio Corp. of America. Information handling system. 2,841,707, 7-1-58, Cl. 250-27.
- McCulloch Corp.: *See*—
Bandli, John C., and Foster. 2,864,349.
Pollari, Howard M. 2,858,819.
- McCulloch, Donald J., to Bausch & Lomb Optical Co. Spectacle case. 2,866,539, 12-30-58, Cl. 206-5.

- McCulloch, James H., to General Electric Co. Mounting for inductive device. 2,858,357, 10-28-58, Cl. 174-52.
- McCulloch Motors Corp.: *See*—
- Davis, Ray F., and Frederickson. 2,836,024.
- Gudmundsen, Austin. 2,825,196.
- Oehrli, John W. 2,828,907.
- Oehrli, John W. 2,835,238.
- Zeman, Albert G. 2,856,231.
- McCulloch, Thomas B., to Esso Research and Engineering Co. Extension of effective length of tubing. 2,836,247, 5-27-58, Cl. 166-46.
- McCullough, Armour L., and M. A. Wilkinson, to Orenda Engines Ltd. Rotor blade and rotor blade assembly. 2,828,942, 4-1-58, Cl. 253-77.
- McCullough, Donald F., and A. F. McNally, to Collins & Aikman Corp. File fabric and method of making same. 2,849,785, 9-2-58, Cl. 28-72.
- McCullough, Harry J., to Federal-Mogul-Bower Bearings, Inc. Spring coiling machine with automatically reciprocating mandrel and automatic wire feeding of broken off end to an automatic pick up on said mandrel. 2,845,987, 8-5-58, Cl. 153-67.
- McCullough, Henry D.: *See*—
- Stratienko, Andrew, and McCullough. 2,830,801.
- McCullough, Robert F.: *See*—
- Horn, Hans, and McCullough. 2,865,709.
- Le Baron, Ira M., and McCullough. 2,849,280.
- McCullough, Robert F., to the United States of America as represented by the United States Atomic Energy Commission. Recovery of uranium values from phosphate rock. 2,830,872, 4-15-58, Cl. 23-14.5.
- McCullough, Robert F., to United States of America, Atomic Energy Commission. Method for recovery of mineral values from leached zone material. 2,841,467, 7-1-58, Cl. 23-14.5.
- McCullough, Robert F., to United States of America, Atomic Energy Commission. Organic extractant and method of solvent extracting mineral values. 2,849,281, 8-26-58, Cl. 23-14.5.
- McCullough, Robert F., and W. J. McGinnis, to The United States of America as represented by the United States Atomic Energy Commission. Metal value recovery from leached zone material. 2,819,145, 1-7-58, Cl. 23-14.5.
- McCullough, Robert W. Apparatus for determining tension in web and strand material. 2,833,145, 5-6-58, Cl. 73-144.
- McCullough, William L., to McBright, Inc. Highway truck. 2,855,064, 10-7-58, Cl. 180-54.
- McCullough, William T., Jr., to The Babcock & Wilcox Co. Fuel burning apparatus. 2,822,766, 2-11-58, Cl. 110-28.
- McCune, Homer W., and O. T. Quimby, to The Procter & Gamble Co. Liquid detergent composition. 2,864,770, 12-16-58, Cl. 252-138.
- McCune, John S., to Eastman Oil Well Survey Co. Apparatus for surveying lateral holes extending from earth bores. 2,828,548, 4-1-58, Cl. 33-205.
- McCune, John S., and W. E. Hanks, to Oilwell Drain Hole Drilling Co. Releasable connections for drain hole drilling equipment. 2,839,270, 6-17-58, Cl. 255-1.6.
- McCune, Robert B.: *See*—
- Annich, Milton E., and McCune. 2,854,631.
- McCurdy, Belding H., to Hancock Industries, Inc. Coincidental door locking system for vehicles. 2,852,927, 9-23-58, Cl. 70-264.
- McCurdy, Robert J., to United States of America, Navy. Detection circuits. 2,852,717, 9-16-58, Cl. 315-27.
- McCurdy, Sanford M., to McCurdy Steel Products Co. Gravity flow crop handler. 2,827,204, 3-18-58, Cl. 222-176.
- McCurdy Steel Products Co.: *See*—
- McCurdy, Sanford M. 2,827,204.
- McCusker, Patrick A., to Olin Chemical Co., Inc. Production of organic boron halides. 2,820,830, 1-21-58, Cl. 260-606.5.
- McCutchen, John E., to The Coleman Co., Inc. Burner assembly. 2,820,511, 1-21-58, Cl. 153-91.
- McCutchen, John E., to The Coleman Co., Inc. Pulsating combustion burner appliance. 2,822,037, 2-4-58, Cl. 158-94.
- McDaniel, Daniel W. Wheel mounting. 2,841,444, 7-1-58, Cl. 301-1.
- McDaniel, Gene W.: *See*—
- Robinson, David Z., Di Mattia, McDaniel, and Collette. 2,855,522.
- McDaniel, Leonard P. Can opening device. 2,828,884, 4-1-58, Cl. 220-52.
- McDaniel, Robert R. Soldering iron having a solder cartridge. 2,824,201, 2-18-58, Cl. 219-27.
- McDevitt, Murray: *See*—
- Vincent, Harvard B., and McDevitt. 2,835,623.
- McDermott, Franklin, to Lever Brothers Co. Air lock device. 2,845,191, 7-29-58, Cl. 214-17.
- McDermott, John P., to Esso Research and Engineering Co. Corrosion preventing agent. 2,826,550, 3-11-58, Cl. 252-46.6.
- McDermott, John P., to Esso Research and Engineering Co. Process for reacting di-organo substituted dithiophosphoric acid compounds and epoxides. 2,844,616, 7-22-58, Cl. 260-461.
- McDermott, John P., to Esso Research and Engineering Co. Reaction products of bicyclic terpenes and sulfonic acids. 2,848,482, 8-19-58, Cl. 260-504.
- McDermott, Julian A. Electric hand lantern. 2,849,596, 8-26-58, Cl. 240-10.63.
- McDevitt, Patrick F.: *See*—
- Fessler, Frank. 2,845,262.
- McDonald, Albert W. Foldable steps for trailer. 2,825,582, 3-4-58, Cl. 280-166.
- McDonald, Albert W. Foldable steps for trailers. 2,852,271, 9-16-58, Cl. 280-166.
- McDonald, Charles J.: *See*—
- Walker, Don J. 2,848,253.
- McDonald, Dan, to Barber-Greene Co. Method of drying and impregnating wood. 2,860,070, 11-11-58, Cl. 117-59.
- McDonald, Daniel T.: *See*—
- Gillett, Will H., and McDonald. 2,821,502.
- McDonald, David W., to Monsanto Chemical Co. Control of Friedel-Crafts alkylation catalyst by measurement of electro conductivity. 2,846,489, 8-5-58, Cl. 260-671.
- McDonald, Earl, $\frac{1}{4}$ to L. Tatom, and $\frac{1}{4}$ to K. D. Tatom. Cluster gear assembling tool. 2,826,806, 3-18-58, Cl. 29-271.
- McDonald, Edward H.: *See*—
- Hirsch, Richard A., McDonald, and Nelson. 2,855,056.
- McDonald, Ernest C., Jr., to The Georgia Marble Co. Calcium carbonate extender. 2,830,914, 4-15-58, Cl. 106-308.
- McDonald, Eugene F. Warning signal. 2,843,836, 7-15-58, Cl. 340-87.
- McDonald, Frank A. Manifold valve with selective by-pass rotor. 2,835,273, 5-20-58, Cl. 137-625.11.
- McDonald, Frank A. Valve with a flexible rotor. 2,856,150, 10-14-58, Cl. 251-175.
- McDonald, Frank A., and W. T. Holmes, to U. S. Flexible Metallic Tubing Co. Sample-taking valve. 2,864,254, 12-16-58, Cl. 73-424.
- McDonald, George W., and B. Weinstein, to Crest Foods Co., Inc. Milk powder process and product. 2,831,771, 4-22-58, Cl. 99-55.
- McDonald, Harrison M.: *See*—
- Coleman, Joseph J., and McDonald. 2,829,188.
- McDonald, Harrison M., to Burgess Battery Co. Deferred-action battery. 2,829,187, 4-1-58, Cl. 136-90.
- McDonald, Henry S.: *See*—
- David, Edward E., Jr., and McDonald. 2,860,187.
- McDonald, James. Speaker unit. 2,835,334, 5-20-58, Cl. 181-31.
- McDonald, James L. Combination preformed and cast-in-situ reinforced flooring structure. 2,844,024, 7-22-58, Cl. 72-66.
- McDonald, John, $\frac{1}{2}$ to B. B. Krost. Method and apparatus for sequentially forming sheet metal with spaced dies. 2,860,685, 11-18-58, Cl. 153-21.
- McDonald, John E., to Westinghouse Electric Corp. Spin vane controls for fans. 2,834,536, 5-13-58, Cl. 230-114.
- McDonald, John E., to Westinghouse Electric Corp. Centrifugal fan wheels. 2,836,348, 5-27-58, Cl. 230-134.
- McDonald, John E., to Westinghouse Electric Corp. Drives for forced draft fans in steam plants. 2,847,952, 8-19-58, Cl. 110-56.
- McDonald, John E., and R. L. Carlson, to Westinghouse Electric Corp. Air temperature and volume controls. 2,822,132, 2-4-58, Cl. 236-13.
- McDonald, John J. Automobile ash trays. 2,825,446, 3-4-58, Cl. 206-19.5.
- McDonald, Joseph F., to Servo Corp. of America. Motor-synchronizing circuit. 2,848,671, 8-19-58, Cl. 318-72.
- McDonald, Louis, and D. E. Miller, to Kelite Products, Inc. Composition and process for the controlled etching of aluminum and aluminum alloys. 2,853,372, 9-23-58, Cl. 41-42.
- McDonald, Robert L., to Ritter Co., Inc. Medical examination, operating and X-ray table. 2,828,172, 3-25-58, Cl. 311-6.
- McDonald, Robert L., to Ritter Co., Inc. Headrest structure for dental or medical chairs. 2,828,811, 4-1-58, Cl. 155-177.
- McDonald, Robert L., to Ritter Co., Inc. Medical examination, operating and X-ray table. 2,840,429, 6-24-58, Cl. 311-6.
- McDonald, Russell M. Resistance lowering generator booster. 2,822,443, 2-4-58, Cl. 200-87.
- McDonald Ward D., to Michigan Foundry Supply Co. Method for treating metal borings. 2,852,418, 9-16-58, Cl. 134-2.
- McDonald, William W., to Washington Steel Products, Inc. Track for rolling door. 2,821,738, 2-4-58, Cl. 16-96.
- McDonnell Aircraft Corp.: *See*—
- Edwards, Lawrence K., Lowell, and Summers. 2,822,755.
- Hartwig, Albert F. 2,838,788.
- Schaaf, Carl G. 2,820,499.
- McDonnell, Basil: *See*—
- Jackson, Harry E., and McDonnell. 2,857,381.
- Robinson, Joseph N., Miller, McDonnell, and Villiers-Fisher. 2,824,104.
- McDonnell, Joseph M., to General Motors Corp. Pump. 2,862,450, 12-2-58, Cl. 103-53.
- McDonnell, Joseph M., and G. N. Wright, to General Motors Corp. Pipe end to pipe side joint. 2,846,241, 8-5-58, Cl. 285-192.
- McDonnell, Thomas F., and R. E. Coffee, to Olin Mathieson Chemical Corp. Explosives. 2,860,042, 11-11-58, Cl. 52-20.
- McDonough Co.: *See*—
- Eads, Harold O., and Exline. 2,845,993.
- McDonough, John J., to Scott & Williams, Inc. Stocking and method of making the same. 2,853,865, 9-30-58, Cl. 66-173.

- McDonough, John J., to Scott & Williams, Inc. Yarn guide. 2,858,684, 11-4-58, Cl. 66-125.
- McDonough, John P.: *See*—
Beeuwke, Reinier, Jr., McDonough, and Hegge. 2,820,412.
- McDonough, Paul F. Loading mechanism. 2,851,170, 9-9-58, Cl. 214-1.
- McDonough Power Equipment, Inc.: *See*—
Jackson, Harold P. 2,832,099.
Smith, William R. 2,857,726.
- McDougal, John A., to General Motors Corp. Indicators of conditions requiring precedence. 2,820,957, 1-21-58, Cl. 340-220.
- McDougal, Kenneth R.: *See*—
Reardon, John W., and McDougal. 2,837,671.
- McDowall, Charles J., to General Motors Corp. Turbine wheel. 2,857,132, 10-21-58, Cl. 253-39.15.
- McDowall, Charles J., and O. V. Montieth, to General Motors Corp. Gas turbine engine supporting frame. 2,836,959, 6-3-58, Cl. 60-39.31.
- McDowall, Charles J., and R. J. Wente, to General Motors Corp. Pressure operated valve. 2,856,957, 10-21-58, Cl. 137-528.
- McDowall, Charles J., A. W. Gaubatz, R. J. Wente, and E. M. Irwin, to General Motors Corp. Control for aircraft power plant. 2,860,712, 11-18-58, Cl. 170-135.74.
- McDowall, Thelma E. and V. Y. Foldable rack for drying of sweaters or the like. 2,854,178, 9-30-58, Cl. 223-69.
- McDowall, Vere Y.: *See*—
McDowall, Thelma E. and V. Y. 2,854,178.
- McDowell, Clifford J., to Corn Products Refining Co. Manufacture of filaments, films, or the like from natural proteinaceous material. 2,854,345 9-30-58, Cl. 106-153.
- McDowell Co., Inc.: *See*—
Rowen, Harold E. 2,825,550.
Rowen, Harold E. 2,852,244.
- McDowell Mfg. Co.: *See*—
Hempel, Gustav A. 2,825,129.
Hempel, Gustav A. 2,864,394.
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Rickard, Clyde E. and Hempel. 2,848,135.
- McDowell, Wilbur B., and H. Moes, to Olin Mathieson Chemical Corp. Reductive amination of 2-acetyl-3-(bis hydroxymethyl) furan and esters thereof. 2,855,407, 10-7-58, Cl. 260-347.007.
- McDuff, James M.: *See*—
Bartolomeo, Frank A., Ledbetter, and McDuff. 2,827,445.
- McDuffie, Archie D., to General Motors Corp. Engine combustion chamber. 2,826,184, 3-11-58, Cl. 123-191.
- McDuffie, Archie D., to General Motors Corp. Combustion chamber for internal combustion engine. 2,828,730, 4-1-58, Cl. 123-191.
- McDuffie, Archie D., to General Motors Corp. Piston head construction. 2,848,287, 8-19-58, Cl. 309-11.
- McDuffie, Archie D., and F. A. Wyczalek, to General Motors Corp. Combustion chamber. 2,827,892, 3-25-58, Cl. 123-191.
- McDuffie, Harold F., and C. H. Secoy, to United States of America, Atomic Energy Commission. Combination of hydrogen and oxygen. 2,863,729, 12-9-58, Cl. 23-204.
- McDuffie, John C., Jr.: *See*—
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- McDuffee, John K.: *See*—
Haggerty, Francis A., and McDuffee. 2,864,202.
- McEachron, John C. Electrical resistance space heaters. 2,845,527, 7-29-58, Cl. 219-340.
- McElgin, John, and S. W. Miller, Jr. Heating and ventilating unit. 2,852,235, 9-16-58, Cl. 257-137.
- McElgin, John W., and S. W. Miller, Jr., to John J. Nesbitt, Inc. Multi-room heating and ventilating system. 2,860,833, 11-18-58, Cl. 237-56.
- McElhenny, Stuart W., and W. B. Zelina, to General Electric Co. Electric control signal deriving system. 2,829,332, 4-1-58, Cl. 321-27.
- McElhill, Elizabeth A.: *See*—
Sutherland, Leslie H., and McElhill. 2,853,509.
- McElhill, Elizabeth A., to Escambia Chemical Corp. Monohydrate of alpha methoxyisobutyric acid. 2,824,133.
- McElroy, Albert D.: *See*—
Huff, George F., McElroy, and Adams. 2,855,353.
- McElroy, Arthur H., to Coyoco Products, Inc. Machine for forming finned heat transfer tubes. 2,865,424, 12-23-58, Cl. 153-64.5.
- McElroy, Clifford T. Wall panel construction. 2,835,938, 5-27-58, Cl. 20-92.
- McElvany, James L. Pipe-laying method. 2,830,548, 4-15-58, Cl. 111-5.
- McElwee, Russell A. Electric heating pad and vibrator. 2,850,009, 9-2-58, Cl. 128-24.1.
- McEvoy, Alfred P., and T. F. Seay. Thresholds. 2,858,583, 11-4-58, Cl. 20-64.
- McEvoy, James E., to Bailey Meter Co. Gas analyzing devices. 2,821,462, 1-28-58, Cl. 23-255.
2-18-58, Cl. 260-535.
- McEvoy, James E., and T. H. Milliken, Jr., to Houdry Process Corp. Removal of iron from clay catalysts. 2,825,699, 3-4-58, Cl. 252-449.
- McEvoy, Joseph: *See*—
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- McEvoy, Patrick J. Retriever for golf balls. 2,833,584, 5-6-58, Cl. 294-19.
- McEwan, James, and J. E. Thompson; said Thompson assor. to said McEwan. Universal miter gauge. 2,857,943, 10-28-58, Cl. 143-169.
- McEwan, Thomas J., to Richard Hudnut. Fluid applicator. 2,832,087, 4-29-58, Cl. 15-136.
- McEwen, Alva, deceased, by E. H. McEwen, administratrix. Stabilizers for journal boxes. 2,854,295, 9-30-58, Cl. 308-38.
- McEwen, Eva H.: *See*—
McEwen, Alva. 2,854,295.
- McEwen, Harry W. Collapsible tube dispensing device. 2,840,273, 6-24-58, Cl. 222-98.
- McEwen, Norman S., to Helpy Selfy Service Systems, Inc. Automatic lid release for clothes extractor. 2,859,536, 11-11-58, Cl. 34-58.
- McEwen, Robert L.: *See*—
Sheeldon, Fred R., McEwen, and Price. 2,822,236.
- McFadden, L'Etoile K., and K. A. Sparks. Tag. 2,843,878, 7-15-58, Cl. 40-21.
- McFadden, William D., and W. R. Weller, to Eastman Kodak Co. Photographic processing machine. 2,823,595, 2-18-58, Cl. 95-98.
- McFadyen, James B.: *See*—
Mauchel, Sydney B. 2,835,252.
- McFall, Bruce. Grinder assembly. 2,826,018, 3-11-58, Cl. 51-241.
- McFall, Russell W., and T. T. Johnson, to General Electric Co. Information indicating instrument. 2,866,191, 12-23-58, Cl. 343-11.
- McFarland, Forest R., to Studebaker-Packard Corp. Antiroll and leveler unit for vehicle suspensions. 2,859,976, 11-11-58, Cl. 280-104.
- McFarland, Forest R., and P. P. Thomas, to Studebaker-Packard Corp. Front suspension steering knuckle with elastic means. 2,840,386, 6-24-58, Cl. 280-96.2.
- McFarland, Forest R., C. J. Lucia, and J. Z. De Lorean, to Studebaker-Packard Corp. Transmission and control system. 2,846,900, 8-12-58, Cl. 74-645.
- McFarland, Gerald B., to M. B. McFarland & Sons. Method of distributing soil treating material. 2,820,671, 1-21-58, Cl. 299-83.
- McFarland, Gerald B., to M. B. McFarland & Sons. Envelope construction. 2,859,907, 11-11-58, Cl. 229-85.
- McFarland, James E.: *See*—
Bernick, Leslie M., Roelofs, and McFarland. 2,862,841.
Bernick, Leslie M., Roelofs, and McFarland. 2,862,842.
- McFarland, M. B., & Sons: *See*—
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- McFarland Mfg. Corp.: *See*—
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- McFarland, Walter J. Collapsible dust pan attachment. 2,849,743, 9-2-58, Cl. 15-257.2.
- McFarlane, James S.: *See*—
Garden, William D., and McFarlane. 2,832,740.
- McFaul, Gordon P.: *See*—
Krasl, George J., and McFaul. Re. 24,553.
- McFaul, Malcolm, Jr., to Hawaiian Pineapple Co., Ltd. Ejector for sized and cored fruit. 2,836,097, 10-14-58, Cl. 221-81.
- McFeaters, Harry L., to Pennsylvania Engineering Corp. Vessel charging apparatus. 2,821,377, 1-28-58, Cl. 266-34.
- McFeaters, Harry L., to Pennsylvania Engineering Corp. Charging apparatus. 2,822,163, 2-4-58, Cl. 266-34.
- McFeaters, Harry L., to Pennsylvania Engineering Corp. Converter vessel. 2,826,405, 3-11-58, Cl. 266-36.
- McFeaters, Harry L., to Pennsylvania Engineering Corp. Scrap box construction. 2,833,586, 5-6-58, Cl. 294-73.
- McFeaters, Harry L., to Pennsylvania Engineering Corp. Scrap car. 2,836,309, 5-27-58, Cl. 214-18.
- McFeaters, Harry L., to Pennsylvania Engineering Corp. Exhaust apparatus. 2,847,206, 8-12-58, Cl. 266-35.
- McFeaters, Harry L., to Pennsylvania Engineering Corp. Exhausting apparatus. 2,862,701, 12-2-58, Cl. 266-35.
- McGaffey, Edgar W. Oil well tool. 2,842,211, 7-8-58, Cl. 166-101.
- McGahan, Roy V., to United Shoe Machinery Corp. Narrow edge folding machines. 2,849,734, 9-2-58, Cl. 12-55.
- McGahan, Wallace A., to Ingersoll-Rand Co. Rotary shaft seal. 2,835,514, 5-20-58, Cl. 286-9.
- McGarry, Richard J., to United States of America, Atomic Energy Commission. Neutronic reactor. 2,831,807, 4-22-58, Cl. 204-193.2.
- McGayhey, Robert E., and E. R. Wooding, to International Business Machines Corp. Relay storage and readout device. 2,858,888, 11-4-58, Cl. 164-113.
- McGeen, John F.: *See*—
Fairweather, David A. W., and McGeen. 2,842,561.
- McGee, Harold E., and W. S. Swanson, to Crane Packing Co. Lapping machine and automatic feed mechanism therefor. 2,821,818, 2-4-58, Cl. 51-134.
- McGee, James D. Refrigeration applicator. 2,825,339, 3-4-58, Cl. 128-403.
- McGee, James D., to Electric & Musical Industries Ltd. Electron discharge devices. 2,837,688, 6-3-58, Cl. 315-11.
- McGee, James D., to Electric & Musical Industries Ltd. Electron multipliers. 2,841,728, 7-1-58, Cl. 313-95.
- McGee, James D., H. G. Lubszynski, and R. S. Wbley, to Electric & Musical Industries Ltd. Cathode ray tube apparatus. 2,820,921, 1-21-58, Cl. 315-9.
- McGee, Joseph I. Safety belt and connector therefor. 2,833,454, 5-6-58, Cl. 227-49.

- McGee, Paul J., to Zenith Radio Corp. Hearing aid devices. 2,837,607, 6-3-58, Cl. 179-107.
- McGee, Robert M. Bathing apparatus. 2,829,379, 4-8-58, Cl. 4-145.
- McGee, Robert P. Mechanical casting device. 2,849,824, 9-2-58, Cl. 43-19.
- McGee, William R.: *See*—
Adams, Benjamin H., Frahm, and McGee. 2,824,070.
- McGeer, James P., V. V. Mirkovich, and N. W. F. Phillips, to Aluminium Laboratories Ltd. Recovery of material from aluminum reduction cell lining. 2,858,198, 10-28-58, Cl. 23-294.
- McGeorge, John R. Liquid spraying device. 2,823,953, 2-18-58, Cl. 299-90.
- McGhee, Robert: *See*—
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Hughes, Frank J., and McGhee. 2,837,126.
- McGibson, Verdun R., A. G. Taylor, G. L. Bernard, and D. L. Freyberger, to Lukens Steel Co. Plating rack for heavy work pieces. 2,827,430, 3-18-58, Cl. 204-297.
- McGihon, Leonard, to King Sales & Engineering Co. Single to multiple file distributing mechanism. 2,827,149, 3-18-58, Cl. 198-31.
- McGihon, Leonard, to King-O-Matic Equipment Corp. Carton closing machine. 2,832,182, 4-29-58, Cl. 53-376.
- McGihon, Leonard, to King Sales & Engineering Co. Distributor mechanism with carrier plates. 2,835,375, 5-20-58, Cl. 198-31.
- McGihon, Leonard, to A. Donald, d. b. a. King Sales & Engineering Co. Carton closing machine. 2,849,846, 9-2-58, Cl. 53-374.
- McGihon, Leonard, to A. Donald, d. b. a. King Sales & Engineering Co. Carton. 2,830,159, 9-2-58, Cl. 206-65.
- McGill, Daniel F. Gear pump type hydraulic transmission. 2,839,889, 6-24-58, Cl. 60-19.
- McGill Mfg. Co.: *See*—
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- McGillis, Hugh D.: *See*—
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- McGillis, John J. and H. D. Control apparatus for hot water heating systems. 2,830,764, 4-15-58, Cl. 236-9.
- McGillis, John J. and H. D. Rotary oil burners. 2,836,231, 5-27-58, Cl. 158-77.
- McGinley, Thomas F. Rotary weaving machine. 2,862,525, 12-2-58, Cl. 139-17.
- McGinn, James B.: *See*—
Berra, James, and McGinn. 2,828,023.
- McGinnis, Richard P., to United States of America, Army. Impact switch. 2,856,853, 10-21-58, Cl. 102-70.2.
- McGinnis, William H. Head cooler. 2,832,077, 4-29-58, Cl. 2-171.
- McGinnis, William J.: *See*—
Gloss, Gunter H., and McGinnis. 2,837,403.
McCullough, Robert F., and McGinnis. 2,819,145.
- McGinnis, William J., to United States of America, Atomic Energy Commission. Solvent extraction process for the recovery of uranium values from aqueous solutions. 2,835,552, 5-20-58, Cl. 23-14.5.
- McGivern, Robert F.: *See*—
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- McGlasson, Robert L., and F. J. Radd, to Continental Oil Co. Method of forming protective coatings on iron articles. 2,827,425, 3-18-58, Cl. 204-35.
- McGovern, John D., G. B. Duhnkrack, and G. Bliss, to American Cyanamid Co. Flame resistant polyester resinous compositions containing combined halogens and phosphorous and certain alkaline earth metal salts and the process of preparing the same. 2,822,340, 2-4-58, Cl. 260-22.
- McGowan, Kenneth G.: *See*—
Winkel, Herbert C., McGowan, and McAlpine. 2,843,072.
Winkel, Herbert C., McGowan, Meschke, and McAlpine. 2,843,894.
- McGowan, Raymond J., and B. F. Teasdale, to Canada Packers, Ltd. Process for shortening manufacture. 2,853,390, 9-23-58, Cl. 99-122.
- McGowan, Terrence D.: *See*—
Gerjovich, Henry J., McGowan, and Trebilcock. 2,851,391.
- McGowan, Wheatley. Automobile parking indicator. 2,864,074, 12-9-58, Cl. 340-74.
- McGowen, Frank, to Continental Motor Corp. Cylinder head construction. 2,818,840, 1-7-58, Cl. 123-32.
- McGowen, Harold E., Jr.: *See*—
Duffin, Douglas E., and McGowen. 2,846,014.
Kennedy, John W., and McGowen. 2,825,538.
- McGowen, Harold E., Jr., to Sid W. Richardson, Inc. Offset mandrel for small diameter tubing. 2,824,525, 2-25-58, Cl. 1-3-292.
- McGowen, Harold E., Jr., and D. E. Daffin, to Camco, Inc. Oil well standing valve. 2,854,929, 10-7-58, Cl. 103-221.
- McGrath, Henry G.: *See*—
Riblett, Earl W., and McGrath. 2,850,515.
- McGrath, William L., to Carrier Corp. Thermostatic valve structures. 2,844,319, 7-22-58, Cl. 236-1.
- McGraw Co.: *See*—
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- McGraw-Edison Co.: *See*—
Bale, Alton G., Jr. 2,830,256.
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Bale, Alton G., Jr. 2,857,769.
Bale, Alton G., Jr., and Sankey. 2,836,680.
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Cunningham, Francis V. 2,840,747.
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Duerkoth, Manfred F. 2,854,549.
Earle, Ralph H. 2,835,764.
Esser, George W. 2,833,866.
Fister, Aloysius J. 2,837,614.
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Frey, Raymond M., and Shiraga. 2,848,430.
Fritzing, George H. 2,851,328.
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Gustafson, David A. 2,821,902.
Harling, Donald W. 2,840,690.
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Kelly, Frederick G. 2,820,948.
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Manning, Melvin L. 2,827,616.
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McCloud, George R. 2,820,868.
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- McGraw, George P., Jr., to Western Electric Co., Inc. Method of making stacked type capacitors. 2,839,816, 6-24-58, Cl. 29-25.42.
- McGraw, Glenn P. Adjustable bulkhead. 2,837,807, 6-10-58, Cl. 25-118.
- McGraw, Leslie D., to United States of America, Army. Cathode depolarizer for primary cells with acidic electrolytes. 2,843,510, 7-15-58, Cl. 136-138.
- McGraw, Leslie D., and G. A. Lutz, to American Zinc, Lead and Smelting Co. Electrowinning of zinc. 2,848,399, 8-19-58, Cl. 204-119.
- McGreary, Harold E.: *See*—
Crosby, Gilmore E., and McGreary. 2,821,508.
- McGregor, Clifton P.: *See*—
Walkey, George J., and McGregor. 2,842,801.
- McGregor, Eugene R.: *See*—
Lautier, Roger A., and McGregor. 2,834,402.
- McGregor, Eugene R., to Reconstruction Finance Corp. Chairs. 2,830,651, 4-15-58, Cl. 155-108.
- McGregor, Eugene R., to The Aerotherm Corp. Seats with angularly adjustable back. 2,833,336, 5-6-58, Cl. 155-160.
- McGregor, Robert M.: *See*—
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- McGrevy, George F., to Globe-Union Inc. Spark control for flywheel magnetos. 2,843,769, 7-15-58, Cl. 310-70.
- McGrew, Robert F., and M. L. Turner, to Abbott Laboratories. Sampling apparatus. 2,848,999, 8-26-58, Cl. 128-276.

- McGriff, Stuart G.: *See*—
Adams, Roy M., and McGriff. 2,852,363.
- McGuiff, Thomas J., and A. E. Reinhardt, to United Aircraft Corp. Moisture separator. 2,835,340, 5-20-58, Cl. 183-65.
- McGuiff, Orton S., to Tranter Mfg. Inc. Truck plate corner structure. 2,855,764, 10-14-58, Cl. 62-439.
- McGuigan, John H.: *See*—
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- McGuire, Bernard J., to American Steel Foundries. Brake head guide. 2,856,033, 10-14-58, Cl. 188-73.
- McGuire, David R.: *See*—
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- McGuire, George E., R. F. Uren, and F. G. Woodsie, to L. A. Young Spring & Wire Corp. Block-lifting grab. 2,866,660, 12-30-58, Cl. 294-63.
- McGuire, Hugh J.: *See*—
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- McGuire, John C. Folding chair. 2,837,142, 6-3-58, Cl. 155-140.
- McGuire, Thomas R., and L. R. Maxwell. High intensity solenoid. 2,854,608, 9-30-58, Cl. 317-158.
- McGurk, Alfred N. Shock absorbing attachment for throttle rods and the like. 2,848,216, 8-19-58, Cl. 267-1.
- McGurk, Alfred N. Bell crank assemblies. 2,858,709, 11-4-58, Cl. 74-519.
- McHenry, Ernest C., to Allegheny Ludlum Steel Corp. Apparatus for and method of removing oxides from strip. 2,862,839, 12-2-58, Cl. 134-15.
- McHugh, Claude A.: *See*—
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- McHugh, Edward V., 49% to F. Minner and H. R. Kibbee. Minnow vender. 2,860,444, 11-18-58, Cl. 43-56.
- McHugh, John E., Jr. Tension absorbing device. 2,860,394, 11-18-58, Cl. 24-73.
- McIlrath, Roy E. Automatic electric heater. 2,866,885, 12-30-58, Cl. 219-39.
- McIlvaine, Oran T. Metallurgy. 2,845,894, 8-5-58, Cl. 118-49.1.
- McIlvaine, Robert L., to Herbert Simpson Corp. Flue gas purification system. 2,826,264, 3-11-58, Cl. 183-37.
- McIlvin, Donald B., to United Shoe Machinery Corp. Article handling mechanisms. 2,819,465, 1-14-58, Cl. 1-6.
- McIlvin, Donald B., to United Shoe Machinery Corp. Fastener handling machines. 2,820,966, 1-28-58, Cl. 1-6.
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- McIlvried, Edwin J., to The Vaughn Machinery Co. Draw bench. 2,837,206, 6-3-58, Cl. 205-3.
- McIlwain, James H.: *See*—
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- McIlwain, Knox, to Hazeltine Research, Inc. Equipment monitoring apparatus for radar system. 2,841,782, 7-1-58, Cl. 343-5.
- McIlwraith, Charles G.: *See*—
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- McInnis and Co., Inc.: *See*—
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- McInnis, Joseph S., to McInnis and Co., Inc. Lamp construction. 2,820,887, 1-21-58, Cl. 240-83.
- McInnis, Neil H. Extensible support for tables. 2,854,303, 9-30-58, Cl. 311-39.
- McIntire, Donald E., to The B. F. Goodrich Co. Tubeless tire valve. 2,838,088, 6-10-58, Cl. 152-427.
- McIntire, Robert L.: *See*—
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- Hachmuth, Karl H., Kuersten, McIntire, and Shelton. 2,826,266.
- McIntire, Robert L., to Phillips Petroleum Co. Method for converting hydrocarbons. 2,843,532, 7-15-58, Cl. 196-55.
- McIntosh, Frank H. Amplifiers. 2,860,192, 11-11-58, Cl. 179-171.
- McIntosh, Harold A., and W. G. Shequen, to General Controls Co. Follow-up control system. 2,849,670, 8-26-58, Cl. 318-32.
- McIntosh, Harry, to Lovejoy Tool Co., Inc. Morse taper arbors. 2,825,571, 3-4-58, Cl. 279-97.
- McIntosh, James A. Outboard motor pump. 2,847,966, 8-19-58, Cl. 115-17.
- McIntosh, James F.: *See*—
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- McIntosh Laboratory, Inc.: *See*—
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- McIntyre, Brouwer D., to Monroe Auto Equipment Co. Stabilizer and spring device. 2,860,870, 11-18-58, Cl. 267-11.
- McIntyre, James W., to Kimberly-Clark Corp. Cellulosic product. 2,838,890, 6-17-58, Cl. 51-185.
- McIntyre Research Foundation: *See*—
Hannon, John W. G. 2,824,043.
- Hannon, John W. G. 2,837,451.
- Hannon, John W. G. 2,861,880.
- McIntyre, Sidney S., Sr., to The Humboldt Co. Mounting and rotating means for turntable structure. 2,838,183, 6-10-58, Cl. 212-68.
- McIntyre, Sidney S., Sr., to The Humboldt Co. Outrigger supports for mobilized log yarders and loaders, and the like. 2,855,111, 10-7-58, Cl. 212-145.
- McIntyre, Sidney S., Sr., to The Humboldt Co. One cable and clamp system of guying. 2,866,621, 12-30-58, Cl. 254-150.
- McIntyre, Thomas W., and A. H. Smith, to Mac, Inc. Packaging machines. 2,851,838, 9-16-58, Cl. 53-189.
- McIntyre, William E., Jr., to E. I. du Pont de Nemours and Co. Thermoplastic polymeric films. 2,824,025, 2-18-58, Cl. 117-76.
- McIntyre, William J. Swath turner. 2,832,189, 4-29-58, Cl. 56-370.
- McIsaac, Daniel A.: *See*—
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- McIver, Clement L., to Atlantic Instrument Corp. Machine bed and ways. 2,859,643, 11-11-58, Cl. 77-3.
- McJohn Corp.: *See*—
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- Elsner, Edwin C. 2,864,145.
- McCarthy, Harry E., and Prunette. 2,835,528.
- McKae, Alan W. Exposure meter device for photography. 2,825,271, 3-4-58, Cl. 95-10.
- McKain, Walter P., to Stardill-Keystone Co. Machine for dressing tools. 2,832,236, 4-29-58, Cl. 76-5.
- McKain, Walter P., to Fada Radio & Electric Co., Inc. Tool dressing means. 2,862,409, 12-2-58, Cl. 76-5.
- McKain, Walter P., to Fada Radio & Electric Co., Inc. Tool holder for tool dressing machines. 2,865,641, 12-23-58, Cl. 279-9.
- McKay, Arthur F., and M. Kreling, to Monsanto Canada Ltd. Novel vinyl derivative. 2,824,879, 2-25-58, Cl. 260-309.6.
- McKay, Arthur F., E. J. Tarlton, and S. Gelblum, to Monsanto Canada Ltd. N,N'-bis-(carboxyalkylthiocarbamyl)polymethylenediamines. 2,853,513, 9-23-58, Cl. 260-481.
- McKay, Arthur F., and M. Kreling, to Monsanto Canada Ltd. Arylsulfonyl derivatives of bicyclic guanidines. 2,865,913, 12-23-58, Cl. 260-239.9.
- McKay, Charles E. Chlorinators. 2,828,763, 4-1-58, Cl. 137-389.
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De Long, William T., and Lutes. 2,855,660.
- McKay, Dwight L., to Phillips Petroleum Co. Process and apparatus for crystal purification and separation. 2,823,242, 2-11-58, Cl. 260-676.
- McKay, Dwight L., to Phillips Petroleum Co. Crystal purification apparatus. 2,862,797, 12-2-58, Cl. 23-273.
- McKay, John F.: *See*—
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- Nelson, Joseph F., and McKay. 2,835,650.
- McKay, John F., to Esso Research and Engineering Co. Emulsified composition for latex paints and a process of making it. 2,856,300, 10-14-58, Cl. 106-28.
- McKay, John F., and D. F. Koencke, to Esso Research and Engineering Co. Coating for rubber articles. 2,825,662, 3-4-58, Cl. 117-138.8.
- McKay, John F., Jr., and A. H. Gleason, to Esso Research and Engineering Co. Floor tile compositions from petroleum resins. 2,823,194, 2-11-58, Cl. 260-41.
- McKay, John F., Jr., to Esso Research and Engineering Co. Process for raising the softening point of hydrocarbon resins and product produced thereby. 2,837,491, 6-3-58, Cl. 260-27.
- McKay, Joseph A. Break-off tool. 2,865,239, 12-23-58, Cl. 81-3.
- McKay Machine Co.: *See*—
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- Bandy, Kenneth L. 2,848,177.
- Billetter, Halton A. 2,824,947.
- Thomas, Charles W. 2,847,763.
- Todd, Russell T. 2,821,235.
- Todd, Russell T., and McCreary. 2,837,295.
- McKay, Michael W., and H. J. Horn, to General Precision Laboratory Inc. Suppressed carrier modulator system. 2,833,992, 5-6-58, Cl. 332-44.
- McKay, William C., to W. R. Chance & Associates Inc. Multiply plastic laminate and method of forming same. 2,827,412, 3-18-58, Cl. 154-116.
- McKay, William L. D.: *See*—
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- McKays Co., The: *See*—
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- McKeag, Alfred H.: *See*—
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- McKee, Arthur G., & Co.: *See*—
Baier, John F. 2,822,076.
- Touzain, Robert E. 2,848,010.
- McKee, Benjamin C. Door edge protectors for automobiles. 2,837,371, 6-3-58, Cl. 296-44.6.
- McKee Bros. Ltd.: *See*—
McKee, Russell C. 2,843,085.
- McKee, Clarence A. Public address loud speaker and clock system. 2,839,607, 6-17-58, Cl. 179-2.
- McKee Door Co., The: *See*—
Hartzler, Melvin E. 2,861,799.
- McKee, John F., and Hartzler. 2,861,800.
- McKee, Edward S., and E. F. Deffenbaugh, to Eastman Kodak Co. Lamp socket for photoflash units. 2,848,701, 8-19-58, Cl. 339-45.
- McKee, John F., and M. E. Hartzler, to The McKee Door Co. Door operating mechanism. 2,861,800, 11-25-58, Cl. 268-59.
- McKee, Laird C. Gas-fueled furnace burner. 2,851,092, 9-9-58, Cl. 158-7.
- McKee, Richard W., to Welding Service, Inc. Ultrasonic fissure detector. 2,824,979, 2-25-58, Cl. 310-8.1.
- McKee, Robert A.: *See*—
Rolph, Donald L., and McKee. 2,864,554.
- McKee, Russell C., to McKee Bros. Ltd. Pole barns. 2,843,085, 7-15-58, Cl. 119-16.

- McKee, William H., to Cinch Mfg. Corp. Socket for vacuum tubes and the like. 2,858,517, 10-28-58, Cl. 339-75.
- McKeever, Charles H.: *See—*
- Cook, Richard S., and McKeever. 2,862,022.
- McKeever, Charles H., Rohm & Haas Co. Preparation of pyrrolidinone. 2,843,600, 7-15-58, Cl. 260-326.5.
- McKeever, James A. Means and article for improving combustion in internal combustion engines. 2,839,037, 6-17-58, Cl. 123-119.
- McKeige, Edward E., and L. A. Pulley, to Western Electric Co., Inc. Simulated relay. 2,848,681, 8-19-58, Cl. 324-51.
- McKellar, John D. Air driven vibrator. 2,840,354, 6-24-58, Cl. 259-1.
- McKellar, Robert, to The Dow Chemical Co. Process for removing phenols from aqueous solutions by sorption on ion exchange resins and alcohol elutriation therefrom. 2,861,948, 11-25-58, Cl. 210-30.
- McKellin, Wilbur H., H. T. Lacey, and V. A. Giambalvo, to American Cyanamid Co. Nonflocculating, noncrystallizing phthalocyanine pigments. 2,855,403, 10-7-58, Cl. 260-314.5.
- McKelvey, Harold E., to Pittsburgh Plate Glass Co. Apparatus for bending glass. 2,827,738, 3-25-58, Cl. 49-67.
- McKendree, Scott W. Writing instrument. 2,845,047, 7-29-58, Cl. 120-102.
- McKenna, Quentin C., R. M. W. Johnson, and E. J. Woodbury, to Hughes Aircraft Co. Automatic gain control. 2,853,601, 9-23-58, Cl. 250-20.
- McKenna, Walter L. Core barrel. 2,865,608, 12-23-58, Cl. 255-72.
- McKennett, Frank. Tallying device. 2,842,314, 7-8-58, Cl. 235-114.
- McKenney, George D. Releasable coupling device. 2,824,315, 2-25-58, Cl. 9-33.
- McKenney, Henry F.: *See—*
- Essex, Alois B., Garrett, and McKenney. 2,842,646.
- McKenney, Henry F., to Sperry Rand Corp., Ford Instrument Co. Division. System for constraining mass of gyro wheel. 2,822,694, 2-11-58, Cl. 74-5.
- McKenney, Henry F., G. F. Schroeder, and K. C. Demetriou, to Sperry Rand Corp. Windings in two pole electrical machinery. 2,823,363, 2-11-58, Cl. 336-120.
- McKenney, James F.: *See—*
- Lennox, Thomas C., Fohrhaltz, and McKenney. 2,834,920.
- McCarthy, Orin P., De Noyers, and McKenney. 2,847,541.
- McKenzie, Charles A., and R. F. Kiley, to Polymer Corp. Ltd. Polymerization of butyl rubber. 2,834,762, 5-13-58, Cl. 260-85.3.
- McKenzie, Clarence M. Tire appliance. 2,845,978, 8-5-58, Cl. 152-228.
- McKenzie, Ronald J., and C. H. Bruner. Safety guard. 2,859,776, 11-11-58, Cl. 138-63.
- McKenzie, Stanley C. Therapeutic device. 2,866,454, 12-30-58, Cl. 128-132.
- McKeown, Patrick J.: *See—*
- Rowley, Lothair H., and McKeown. 2,837,925.
- McKeown, Patrick J., to Sperry Rand Corp., Ford Instrument Co. Div. Servomechanism having unlimited servoing range. 2,861,233, 11-18-58, Cl. 318-29.
- McKewen, John H., to Giddings & Lewis Machine Tool Co. Prescheduling means for machine tool. 2,860,430, 11-18-58, Cl. 40-10.
- McKie, Bobby L., and W. P. Lloyd, to Wheaton Engineering Corp. Escapement regulator. 2,852,909, 9-23-58, Cl. 58-109.
- McKiernan-Terry Corp.: *See—*
- Kupka, John J. 2,829,873.
- Kupka, John J. 2,831,461.
- Kupka, John J., and Shattuck. 2,865,468.
- Smaltz, John C. 2,862,673.
- Snow, Frederick O., Jr. Re. 24,524.
- Snow, Frederick O., Jr. 2,856,030.
- Snow, Frederick O., Jr. 2,862,316.
- Stewart, Bruce D. 2,855,844.
- Stewart, Bruce D. 2,865,118.
- McKillop, Clinton J. Tension controlling fence structure. 2,827,265, 3-18-58, Cl. 256-41.
- McKim, Burton, to Bell Telephone Laboratories, Inc. Cathode ray tube circuit to maintain uniform trace intensity. 2,860,284, 11-11-58, Cl. 315-22.
- McKinley, John R.: *See—*
- Marshall, Preston E. 2,864,515.
- McKinley, Joseph B., and W. A. Horne, to Gulf Research & Development Co. Hydroisomerization. 2,864,875, 12-16-58, Cl. 260-683.65.
- McKinley, Joseph B., B. P. Thomas, and M. J. Derrig, to Gulf Research & Development Co. Process for preparing impregnated composite catalysts. 2,865,868, 12-23-58, Cl. 252-467.
- McKinley, Paul G.: *See—*
- Wadsworth, Edward A., and McKinley. 2,840,014.
- McKinney, Claude O., to Standard Oil Co. Fluidized catalyst regeneration system. 2,862,798, 12-2-58, Cl. 23-288.
- McKinney, Floyd M. Spiked shoe attachment. 2,865,115, 12-23-58, Cl. 36-7.7.
- McKinney, Gerald W. Toy flying machine. 2,845,746, 8-5-58, Cl. 46-78.
- McKinney, Lawrence A.: *See—*
- Wormser, Arthur, McKinney, Mahacek, and Haston. 2,822,928.
- McKinney, Leonard L.: *See—*
- Eldridge, Arthur C., and McKinney. 2,849,434.
- McKinney, Leonard L., to the United States of America as represented by the Secretary of the Agriculture. Novel hydrocarbon acids and their alkyl esters. 2,829,157, 4-1-58, Cl. 260-482.
- McKinney Mfg. Co.: *See—*
- Hannon, Stephen J. 2,843,872.
- Hollansworth, McFerrell. 2,826,443.
- McKinney, Robert M., to E. I. du Pont de Nemours and Co. Method of producing refractory metals. 2,839,383, 6-17-58, Cl. 75-84.5.
- McKinney, Robert M., to E. I. du Pont de Nemours and Co. Method for producing fourth group metals. 2,839,384, 6-17-58, Cl. 75-84.5.
- McKinnie, Roston C. Step ladder. 2,839,233, 6-17-58, Cl. 228-29.
- McKinnie, Roston C. Extension step ladder. 2,843,303, 7-15-58, Cl. 228-17.
- McKinnies, Henry H. Electric signaling gauges. 2,820,865, 1-21-58, Cl. 200-84.
- McKinnis, Art C.: *See—*
- Schaeffer, William D., McKinnis, and Dorsey. 2,849,511.
- McKinnis, Art C., to Collier Carbon and Chemical Corp. Method for preparing esters of α -chloro-isobutyric acid. 2,840,597, 6-24-58, Cl. 260-487.
- McKinnis, Art C., to Union Oil Co. of California. Separation of C-9 alkaryl hydrocarbons by azeotropic distillation. 2,844,527, 7-22-58, Cl. 202-42.
- McKinnis, Art C., to Collier Carbon and Chemical Corp. Recovery of nitromethane from nitration mixtures. 2,844,634, 7-22-58, Cl. 260-644.
- McKinnis, Art C., to Union Oil Co. of California. Decarboxylation of trimellitic acid. 2,864,854, 12-16-58, Cl. 260-475.
- McKinnis, Ronald B.: *See—*
- Harden, Carl, Nicholas, and McKinnis. 2,848,025.
- McKinnon, Malcolm N. Auxiliary fuel systems for automotive vehicles. 2,841,216, 7-1-58, Cl. 158-46.5.
- McKinnon, Malcolm N. Water closet flush tank valve operating mechanism. 2,843,854, 7-22-58, Cl. 4-57.
- McKinnon, Malcolm N. Child's walking training device. 2,860,424, 11-18-58, Cl. 35-29.
- McKissick, Charles C. Battery post sealer. 2,844,806, 7-22-58, Cl. 339-116.
- McKnight, George S., Jr., and R. C. Brown, to Oxford Paper Co. Coating compositions. 2,865,773, 12-23-58, Cl. 106-154.
- McLafferty, George H., to United Aircraft Corp. Ramjet fuel control having a main and probe diffuser. 2,855,753, 10-14-58, Cl. 60-35.6.
- McLain, William R., to Kusan Inc. Toy air gun. 2,853,991, 9-30-58, Cl. 124-11.
- McLamore, William M.: *See—*
- Bavley, Abraham, Harfenist, and McLamore. 2,824,041.
- Bavley, Abraham, McLamore, and Harfenist. 2,865,967.
- McLamore, William M., to Chas. Pfizer & Co. Quaternary salt derivatives of barman. 2,819,997, 1-14-58, Cl. 167-65.
- McLamore, William M., to Chas. Pfizer & Co. Quaternary salt derivatives of barman. 2,819,998, 1-14-58, Cl. 167-65.
- McLamore, William M., to Chas. Pfizer & Co., Inc. Substituted mono-ammonium salts. 2,820,040, 1-14-58, Cl. 260-296.
- McLane, Cletus: *See—*
- Burnett, Richard T., and McLane. 2,857,989.
- McLane, Fletcher E., to Westinghouse Electric Corp. Electric discharge apparatus. 2,840,762, 6-24-58, Cl. 315-168.
- McLane, Stanley R., Jr.: *See—*
- Howard, William L., McLane, and Weintraub. 2,839,582.
- McLaney Mfg. Corp.: *See—*
- Lukens, David L. 2,818,956.
- McLaren, Ian H., and W. C. Wiley, to Bendix Aviation Corp. Filter testing. 2,819,608, 1-14-58, Cl. 73-38.
- McLaren, James A., and J. H. Goode, to United States of America, Atomic Energy Commission. Electrochemical decontamination and recovery of uranium values. 2,834,722, 5-13-58, Cl. 204-1.5.
- McLaren, John H. Saw sharpening device. 2,865,233, 12-23-58, Cl. 76-41.
- McLarney, John E.: *See—*
- Wolf, Norman A. 2,831,345.
- McLarty, Gordon. Exhaust fans. 2,837,021, 6-3-58, Cl. 98-116.
- McLaughlin, Daniel G. Apparatus for dispensing viscous material. 2,837,242, 6-3-58, Cl. 222-88.
- McLaughlin, Donald J., and F. R. Fluhr. Magnetic recording and pickup system. 2,840,440, 6-24-58, Cl. 346-74.
- McLaughlin, Edward J.: *See—*
- Sigworth, Harrison W., and McLaughlin. 2,833,842.
- Sigworth, Harrison W., and McLaughlin. 2,843,645.
- McLaughlin, Frank H., and J. L. Mangin, to Titanium Metals Corp. of America. Arc melting apparatus. 2,848,524, 8-19-58, Cl. 13-31.
- McLaughlin, Frank L., to E. E. Howe. Method of forming welding projections on a standard nut blank and article so formed. 2,822,850, 2-11-58, Cl. 151-41.7.
- McLaughlin Gormley King Co.: *See—*
- Schreiber, Albert A. 2,842,476.

- McLaughlin, Harold K., to Coastal Valley Canning Co. Method of preparing preserved plimintos. 2,824,012, 2-18-58, Cl. 99—186.
- McLaughlin, Henry E., J. H. Stump, Jr., and M. C. Cleere, to Heyden Newport Chemical Corp. Method of making menthol from pinene. 2,866,826, 12-30-58, Cl. 260—631.
- McLaughlin, Hugh R. Flat bed platen printing presses. 2,848,944, 8-26-58, Cl. 101—302.
- McLaughlin, Jerome D.: *See—*
- Neff, John M., and McLaughlin. 2,853,285.
- McLaughlin, John E., and G. H. Allgeyer, to Owens-Illinois Glass Co. Means for intercepting gobbs of molten glass. 2,836,934, 6-3-58, Cl. 49—5.
- McLaughlin, Neil S. Pistol. 2,848,831, 8-26-58, Cl. 42—16.
- McLaughlin, Thomas J., to Loral Electronics Corp. Distance measuring system. 2,820,592, 1-21-58, Cl. 235—92.
- McLaurin, Dunbar S. Discardable hygienic kit. 2,841,147, 7-1-58, Cl. 128—275.
- McLean, Douglas K.: *See—*
- Slusser, Marion L., McLean, and Barclay. 2,821,680.
- McLean, Douglas K. Food package and apparatus for heating. 2,844,695, 7-22-58, Cl. 219—19.
- McLean, Duart V. Can handle. 2,849,252, 8-26-58, Cl. 294—312.
- McLean, Lawrence W.: *See—*
- Hillard, George O., Jr., and McLean. 2,866,780.
- McLean, Lyle G. Constant current air stratifier. 2,835,388, 5-20-58, Cl. 209—474.
- McLean, Malcolm P. Apparatus for shipping freight. 2,853,968, 9-30-58, Cl. 114—72.
- McLean, Mark L., and H. F. Overmier, to United States of America as represented by the Secretary of the Navy. Adapter for electron discharge tube. 2,824,291, 2-18-58, Cl. 339—174.
- McLean, Murray G.: *See—*
- Yaugher, Robert E., McLean, and Doble. 2,855,853.
- McLean, Murray G., to Jasco Pump Co. Dual pump. 2,857,848, 10-28-58, Cl. 103—4.
- McLean, Robert E., to J. C. Hockery, trustee. Rotary drive wheel type can opener. 2,866,263, 12-30-58, Cl. 30—9.
- McLean, Robert F.: *See—*
- Huff, John V., and McLean. 2,860,720.
- McLean, Stuart D.: *See—*
- Shipley, Calvin W., and McLean. 2,853,811.
- McLean, Wallace W. Ventilating apparatus. 2,825,500, 3-4-58, Cl. 230—117.
- McLean, William B., to the United States of America as represented by the Secretary of the Navy. Turbine rotor. 2,822,145, 2-4-58, Cl. 253—39.
- McLean, William B., and J. A. Crawford, to the United States of America as represented by the Secretary of the Navy. Magnetic integrator. 2,822,511, 2-4-58, Cl. 317—149.
- McLellan, Jack H.: *See—*
- Wayne, Truman B., and McLellan. 2,851,428.
- McLellan, Kenneth M.: *See—*
- Bauer, Ralph F., and McLellan. 2,837,102.
- McLellan, Kenneth M., to Industrial Rayon Corp. Bobbin. 2,859,000, 11-4-58, Cl. 242—125.2.
- McLellan, William F.: *See—*
- Hutchinson, John L., McLellan, and Belliveau. 2,839,778.
- McLeod, Benjamin C.: *See—*
- Baker, Floyd A., and McLeod. 2,828,463.
- McLeod, Gordon D., and E. L. d'Ouville, to Standard Oil Co. Preparation of trialkyl trithiophosphites. 2,819,290, 1-7-58, Cl. 260—461.
- McLeod, Gordon D., and W. L. Rittschof, to Standard Oil Co. Grease compositions. 2,823,182, 2-11-58, Cl. 252—33.
- McLeod, Helen, and A. L. Taylor. Clock dial. 2,853,850, 9-30-58, Cl. 58—128.
- McLeod, John H., and P. W. Stevens, to Eastman Kodak Co. Reflecting condenser system for projectors. 2,819,649, 1-14-58, Cl. 88—24.
- McLeod, John H., and R. Kingslake, to Eastman Kodak Co. Photographic enlargers with scratch elimination. 2,843,011, 7-15-58, Cl. 88—24.
- McLeod, John K.: *See—*
- Hazzard, Elmer W., and McLeod. 2,840,934.
- McLerran, Archie R., to Ideco, Inc. Trailer lifting apparatus. 2,854,252, 9-30-58, Cl. 280—425.
- McLin, Marvin H. Capillary pipette. 2,863,319, 12-9-58, Cl. 73—425.4.
- McLintock, Duncan M. Liquid-dosing instruments. 2,821,195, 1-28-58, Cl. 128—218.
- McLoad, Kenneth W.: *See—*
- Gorman, D. Y., and McLoad. 2,845,605.
- McLoad, Kenneth W., to Vector Mfg. Co. Geophone cable. 2,842,751, 7-8-58, Cl. 339—151.
- McLoad, Kenneth W., to Vector Mfg. Co. Seismic detector. 2,856,594, 10-14-58, Cl. 340—17.
- McLoughlin, Bernard J. Form for concrete stoop. 2,857,646, 10-28-58, Cl. 25—118.
- McLoughlin, Joseph R.: *See—*
- Lewis, Frederick M., and McLoughlin. 2,850,473.
- McLucas, John L., to Haller, Raymond and Brown, Inc. Object locating apparatus. 2,842,760, 7-8-58, Cl. 343—6.
- McLucas, John L., to Haller, Raymond and Brown, Inc. Recording system. 2,861,263, 11-18-58, Cl. 343—6.
- McMackin, Edwin E.: *See—*
- McMackin, Robert E. and E. E. 2,861,828.
- McMackin, Robert E. and E. E. Shot hole pole and coupling. 2,861,828, 11-25-58, Cl. 287—103.
- McMahan, Charles A. Removable jaws for rock crusher. 2,851,225, 9-9-58, Cl. 241—300.
- McMahon, Alexander F., to The Bastian-Blessing Co. Syrup tank and cover therefor. 2,837,367, 6-3-58, Cl. 292—259.
- McMahon, Harvey V.: *See—*
- Geh, Eugene B., and McMahon. 2,858,836.
- McMahon, James E., Jr., to Westinghouse Air Brake Co. Railway traffic controlling apparatus. 2,856,516, 10-14-58, Cl. 246—3.
- McMahon, John B.: *See—*
- Molyneux, Grevor C., McMahon, and Blackler. 2,827,777.
- McMahon, John E.: *See—*
- Jex, Victor B., and McMahon. 2,837,551.
- McMahon, John P., to Wyandotte Chemicals Corp. Water-soluble polyesters. 2,841,572, 7-1-58, Cl. 260—75.
- McMahon, Thomas J., to The General Tire and Rubber Co. Fabric lapping means. 2,838,092, 6-10-58, Cl. 154—9.
- McMahon, William F. Method for secondary oil recovery. 2,858,890, 11-4-58, Cl. 166—8.
- McManis, Louis B., to Pan American Petroleum Corp. Seismic gain control. 2,838,742, 6-10-58, Cl. 340—15.
- McMann, George E., to Allegheny Ludlum Steel Corp. Coolant directing cutting tool assembly. 2,848,790, 8-26-58, Cl. 29—106.
- McMann, Renville H., Jr., and K. D. Erhardt, to Radio Corp. of America. Automatic balancing of color subcarrier balanced modulator. 2,835,730, 5-20-58, Cl. 178—5.4.
- McMaster, Archie J., to G-M Laboratories Inc. Exposure meter computing device. 2,823,858, 2-18-58, Cl. 235—64.7.
- McMaster, Harold A., to Permaglass Inc. Apparatus for glass tempering. 2,841,925, 7-8-58, Cl. 49—47.
- McMaster, Theodore. Shaving stick composition and method of using same. 2,838,442, 6-10-58, Cl. 167—85.
- McMichael, Charles E., J. W. Godbey, and V. L. Zehnder, to National Cylinder Gas Co. Oil bleaching equipment. 2,849,120, 8-26-58, Cl. 210—193.
- McMichael, John D., to General Motors Corp. Cleaner silencer assembly. 2,865,467, 12-23-58, Cl. 183—44.
- McMichael, Palmer L., to A. T. Chase, d. b. a. Standardized Aircraft. Swivel hose assembly. 2,834,465, 5-13-58, Cl. 210—95.
- McMillan, Andrew K., Jr., to General Precision Laboratory Inc. Aircraft radio beam antenna and mount. 2,850,733, 9-2-58, Cl. 343—765.
- McMillan, Edward B. Microwave radiation absorbers. 2,822,539, 2-4-58, Cl. 343—18.
- McMillan, Edward B. Dielectric bodies for transmission of electromagnetic waves. 2,840,811, 6-24-58, Cl. 343—18.
- McMillan, Edward B., and R. M. Redheffer. Dielectric walls for transmission of centimetric radiation. 2,854,668, 9-30-58, Cl. 343—872.
- McMillan, Eugene C., to McMillan Floor Co. Concrete float plate assembly. 2,865,269, 12-23-58, Cl. 94—45.
- McMillan Floor Co.: *See—*
- McMillan, Eugene C. 2,865,269.
- McMillan, Stephen L., to General Electric Co. Clothes dryer. 2,858,621, 11-4-58, Cl. 34—75.
- McMillan, Wilmur M., and E. S. Wilson, to International Business Machines Corp. System for recording punched card data on magnetic tape. 2,832,063, 4-22-58, Cl. 340—174.
- McMillan, Wilmur M., and R. W. Lowrie, to International Business Machines Corp. Magnetic core shift register. 2,846,669, 8-5-58, Cl. 340—174.
- McMillen, Foster, to Kearfott Co., Inc. Heated window wiper. 2,839,773, 6-24-58, Cl. 15—250.5.
- McMillen, Foster, to Kearfott Co., Inc. Window wiper with heated arm. 2,843,871, 7-22-58, Cl. 15—250.5.
- McMillen, Foster, to Kearfott Co., Inc. Temperature controlled electrically heated window and window wiper system. 2,866,881, 12-30-58, Cl. 219—19.
- McMillin, Gordon L., to General Steel Castings Corp. Pouring ladle for metals. 2,836,866, 6-3-58, Cl. 22—85.
- McMinn, Robert E.: *See—*
- Laurence, Lawton L., McMinn, and Silver. 2,833,369.
- McMinn, Roland A., and W. L. Hartop, Jr., to Abbott Laboratories. Drip meter connecting means. 2,837,091, 6-3-58, Cl. 128—214.
- McMinn, Thomas L. Mail box. 2,849,176, 8-26-58, Cl. 232—35.
- McMinn, William A., Jr., to Escambia Chemical Corp. Production of alpha chlorostyrene oxide. 2,824,112, 2-18-58, Cl. 260—348.
- McMordie, William H.: *See—*
- Biagi, Paul E., McMordie, and Winnai. 2,838,059.
- McMullin, Lorne D., to Radio Corp. of America. Electron tube socket of the like for printed circuits. 2,844,807, 7-22-58, Cl. 339—193.
- McMullen, Frederick E., to The Gleason Works. Rotary cutter for gears and the like. 2,828,672, 4-1-58, Cl. 90—1.
- McMullen, John C., to The Carborundum Co. Fiber treating method and apparatus. 2,825,933, 3-11-58, Cl. 19—72.
- McMullen, Joseph E., to The Journal Co. Web guiding mechanism for printing machine folders. 2,866,636, 12-30-58, Cl. 270—52.
- McMullen, Wayne W. Slope grader attachment. 2,847,772, 8-19-58, Cl. 37—155.
- McMullin, Earl L., to Orchard Industries, Inc. Apparatus for coating windings on rods. 2,833,243, 5-6-58, Cl. 118—500.
- McMullin, Terence A., to Murphy Radio Ltd. Radar systems. 2,840,783, 6-24-58, Cl. 343—7.3.

- McMullin, Terence A., to Murphy Radio Ltd. Servo systems. 2,849,667, 8-26-58, Cl. 318-28.
- McMurray, Arthur A. Harness supported animal spraying device. 2,830,559, 4-15-58, Cl. 119-159.
- McMurrich, Robert P.: *See—*
Brown, Guy L., and McMurrich. 2,826,062.
- McMurry, Alice J. Adjustable flower container. 2,830,406, 4-15-58, Cl. 47-41.
- McMurry, Glen L. Animal exercising device. 2,831,457, 4-22-58, Cl. 119-29.
- McNab, Inc.: *See—*
Del Chioceca, Frank. 2,830,260.
Estelle, Weems E. 2,830,261.
- McNab, John A., to United Aircraft Corp. Fluid seal means for rotating shafts. 2,834,619, 5-13-58, Cl. 286-9.
- McNabb, Robert W.: *See—*
Trautman, Walter C., and McNabb. 2,837,222.
- McNair, Hugh N., and A. L. Dintino. Liquid proportioning device. 2,856,234, 10-14-58, Cl. 299-84.
- McNair, Samuel L. Electrical vibrating device in combination with a cushion. 2,840,071, 6-24-58, Cl. 128-33.
- McNally, Arthur F.: *See—*
McCullough, Donald F., and McNally. 2,849,785.
- McNally, Arthur F., and W. L. White, to Collins & Alkman Corp. Fur-effect fabrics and method of making same. 2,857,652, 10-28-58, Cl. 28-72.
- McNally, Frank X., to Westinghouse Electric Corp. Gold immersion solution for treating silver and method of applying same. 2,836,515, 5-27-58, Cl. 117-130.
- McNally Pittsburgh Mfg. Corp., The: *See—*
Stark, Roy H. 2,853,018.
Woodhead, Robert C. 2,819,797.
- McNally, Thomas F. Motor driven can opener. 2,860,410, 11-18-58, Cl. 30-4.
- McNamara, John F., to Gulf Oil Corp. Process and apparatus for reducing corrosion in oil wells. 2,843,206, 7-15-58, Cl. 166-1.
- McNamara, Roger J.: *See—*
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- McNamara, Russell E. Vehicle battery circuit breaker. 2,860,213, 11-11-58, Cl. 200-161.
- McNamara, Russell E. Automobile ignition hood, trunk and 3 door lock. 2,863,519, 12-9-58, Cl. 180-82.
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- McNaney, Joseph T., to General Dynamics Corp. Translation and display apparatus. 2,850,723, 9-2-58, Cl. 340-324.
- McNaney, Joseph T., to General Dynamics Corp. Image-to-code translation system. 2,859,427, 11-4-58, Cl. 340-149.
- McNaney, Joseph T., to General Dynamics Corp. Simplified system for character selection in a shaped beam tube. 2,862,144, 11-25-58, Cl. 315-30.
- McNaney, Joseph T., to General Dynamics Corp. Character display unit. 2,866,189, 12-23-58, Cl. 340-368.
- McNaney, Joseph T., O. F. Hamann, and J. H. Redman, to General Dynamics Corp. Cathode ray apparatus utilizing convergence means. 2,824,250, 2-18-58, Cl. 313-77.
- McNaney, Joseph T., and R. R. Tice, to General Dynamics Corp. System for converting telegraphic code into characters. 2,840,637, 6-24-58, Cl. 178-15.
- McNary, Billy D.: *See—*
Boyd, Malcolm R., and McNary. 2,859,571.
- McNary, Billy D., and L. A. Tentarelli, to International Telephone and Telegraph Corp. Method and apparatus for manufacturing travelling wave electron discharge devices. 2,852,416, 9-16-58, Cl. 117-212.
- McNaughtan, Thomas J., and H. E. Hoyt, to The Borden Co. Foundry sand binder composition containing at least three phenol-formaldehyde resins. 2,856,381, 10-14-58, Cl. 260-43.
- McNeal, Jack D.: *See—*
Hogan, William F., and McNeal. 2,844,212.
- McNeely, William H., and J. J. O'Connell, to Kelco Co. Methyl alginate. 2,860,130, 11-11-58, Cl. 260-209.6.
- McNeer, Rembert D., and A. W. Hunter, to American Viscose Corp. Discoloration-resistant regenerated cellulose viscose. 2,821,489, 1-28-58, Cl. 117-144.
- McNeill, Donald J.: *See—*
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- McNeill, George L., to The Procter & Gamble Co. Hair curler. 2,820,465, 1-21-58, Cl. 132-33.
- McNeill, George L., and C. W. Burroughs, to The Kirk & Blum Mfg. Co. Laboratory fume hood. 2,819,666, 1-14-58, Cl. 98-115.
- McNeil Laboratories, Inc.: *See—*
Cain, Cornelius K. 2,865,927.
Sam, Joseph. 2,820,817.
- McNeil Machine & Engineering Co., The: *See—*
Klein, Victor G., and Cook. 2,822,823.
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Mueller, Carl H., and Klein. 2,865,357.
Schneller, Rudy F. 2,845,142.
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Schneller, Rudy F., and Bandy. 2,864,378.
Soderquist, Leslie E. 2,832,991.
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- McNeill, Neil F. Rigid knock-down awning. 2,822,586, 2-11-58, Cl. 20-57.5.
- McNeill, W. T.: *See—*
Stephenson, Joe B. 2,340,100.
- McNeill, Albert G. Detachable joint for toy house. 2,841,919, 7-8-58, Cl. 46-30.
- McNeill, Deen K.: *See—*
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- McNeill, Eric, and R. A. Dean, to The British Petroleum Co. Ltd. Refining of light and heavy petroleum hydrocarbons separately with alkali and cresylic acid followed by regeneration of the alkali solution. 2,846,357, 8-5-58, Cl. 196-32.
- McNeill, James K., and D. K. Combination cap and carrier. 2,828,487, 4-1-58, Cl. 2-196.
- McNeill, Robert C., to Shell Development Co. Offshore drilling structure. 2,865,179, 12-23-58, Cl. 61-46.5.
- McNeill, Robert M. Control valve. 2,836,198, 5-27-58, Cl. 137-625.39.
- McNeill, Roy L.: *See—*
Alspaugh, Paul L., Heimaster, and McNeill. 2,826,402.
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- McNeill, William, and G. F. Nordblom, to United States of America. Army. Method of making cadmium niobate. 2,854,390, 9-30-58, Cl. 204-96.
- McNicol, Forrest C., and R. R. Ranson, to Cutler-Hammer, Inc. Electrical controller and circuits utilizing such a controller. 2,848,630, 8-19-58, Cl. 307-112.
- McNicol, David, to British Timken Ltd. Manufacture of race members of roller and ball bearings. 2,852,836, 9-23-58, Cl. 29-148.4.
- McNicol, David, to British Timken Ltd. Bearing assemblies. 2,855,251, 10-7-58, Cl. 308-187.1.
- McNinch, James N. Automatic opening and closing means for overhead doors. 2,839,294, 6-17-58, Cl. 268-59.
- McNish, George D. Hand tool bender for metal lath hangers. 2,857,792, 10-28-58, Cl. 81-15.
- McNiven, Neal L., to G. D. Searle & Co. 18-oxygenated alloprepanes. 2,840,573, 6-24-58, Cl. 260-397.1.
- McNulty, Dorothy G., and R. I. Leininger, to Diamond Alkali Co. Alkyl phenoxy polyoxyethylene ethanol as a dispersant in the polymerization of monoethylenically unsaturated materials. 2,840,549, 6-24-58, Cl. 260-80.
- McNulty, Frank E.: *See—*
Hopkins, John R., and McNulty. 2,828,798.
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- McNulty, Frank J. Safety tubeless pneumatic tire vehicle wheel. 2,862,538, 12-2-58, Cl. 152-10.
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- McNutt, John W., to United States Steel Corp. Apparatus for charging and testing batteries. 2,835,862, 5-20-58, Cl. 320-14.
- McOrlly, Joseph, to Edwin L. Wiegand Co. Sheathed electric heater and method of making the same. 2,854,556, 9-30-58, Cl. 201-67.
- McPhaden, Lawrence. Portable gate. 2,851,746, 9-16-58, Cl. 20-71.
- McPhail, Donald J.: *See—*
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- McPhee, Allan J., and F. Scaggs. Combination ash tray and cigarette extinguisher. 2,851,039, 9-9-58, Cl. 131-237.
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- McPheeters, August E. Apparatus for preventing the entry of foreign matter in photoelectric cell unit. 2,856,542, 10-14-58, Cl. 250-239.
- McPheeters, Otis D. Utility carriers. 2,844,291, 7-22-58, Cl. 224-42.1.
- McPherson, Anthony J. Rock pickup and dumping device. 2,827,969, 3-25-58, Cl. 171-105.
- McQuarrie, Malcolm C., and F. G. Recny, to Sprague Electric Co. Ceramics. 2,855,317, 10-7-58, Cl. 106-39.
- McQuay-Norris Mfg. Co.: *See—*
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Mayfield, George C. 2,837,386.
- McQuearry, Milton F. Knife and sheath with latch unit. 2,859,516, 11-11-58, Cl. 30-151.
- McQueen, Alfred S. Windshield protector. 2,851,303, 9-9-58, Cl. 296-95.
- McQueen, Jack G., to Metropolitan-Vickers Electrical Co. Ltd. Signal processing arrangements. 2,826,689, 3-11-58, Cl. 250-27.
- McQuiston, Glen R., and H. N. Lelsure. Change container. 2,821,321, 1-28-58, Cl. 220-18.
- McRae, Edwin C., to Ford Motor Co. Control valve for tractor hydraulic systems. 2,847,029, 8-12-58, Cl. 137-621.
- McRae, Edwin C., to Ford Motor Co. Valve means for tractor hydraulic system. 2,847,030, 8-12-58, Cl. 137-621.
- McRae, Wayne A.: *See—*
Juda, Walter, and McRae. 2,863,813.
- McRoberts, George M.: *See—*
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- McRoberts, Irvan W.: *See—*
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- McRoskey, John W.: *See—*
Baccus, Eddy L., and McRoskey. 2,846,993.
- McRoskey, John W., and L. H., to Republic Tool & Die Corp. Starting device for toy engines. 2,855,070, 10-7-58, Cl. 185-37.

- McRoskey, Leonard H.: *See—*
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- McRuer, Duane T.: *See—*
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- McShane, Herbert F., Jr., to E. I. du Pont de Nemours and Co. 2-alkenoxyethyl-2-methyl-1,3-propanediols. 2,854,486, 9-30-58, Cl. 260-615.
- McShane, Thomas L. Cigarette holder. 2,850,020, 9-2-58, Cl. 131-175.
- McSkimin, Herbert J., to Bell Telephone Laboratories, Inc. Multi-facet ultrasonic delay line. 2,839,731, 6-17-58, Cl. 333-30.
- McSkimin, Herbert J., to Bell Telephone Laboratories, Inc. Low loss, broad band, ultrasonic transmission systems. 2,861,247, 11-18-58, Cl. 333-30.
- McSwain, Thad M.: *See—*
Allsup, Walter L., and McSwain. 2,860,566.
- McSweeney, William J., Inc.: *See—*
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- McTaggart, Jackson, and J. Vella, to The Weatherhead Co. Tube coupling with nut-actuated clamping and sealing means. 2,857,176, 10-21-58, Cl. 285-158.
- McTeer, Lucian W., to Union Carbide Corp. Aldehyde diacylates and process for producing the same. 2,866,813, 12-30-58, Cl. 260-488.
- McTurk, William E.: *See—*
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- McVay, Willard S., and W. R. Sterrett, to E. I. du Pont de Nemours and Co. Plate tray deflector. 2,839,280, 6-17-58, Cl. 261-113.
- McVeigh, John R. Vane structure. 2,819,871, 1-14-58, Cl. 253-78.
- McVetty, William S.: *See—*
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- McVey, Eugene S. Voltage comparison transistor circuit. 2,853,633, 9-23-58, Cl. 307-88.5.
- McVey, William H.: *See—*
Connick, Robert E., and McVey. 2,843,453.
- McWhorter, Paul W.: *See—*
Alps, Hugo A., McWhorter, and Kine. 2,828,224.
Kine, Benjamin B., McWhorter, and Alps. 2,828,222.
- McWhorter, Paul W., B. B. Kine, and H. A. Alps, to Rohm & Haas Co. Method of coating leather with polymers containing hydroxyl groups and the resulting article. 2,828,220, 3-25-58, Cl. 117-76.
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- McWhirter, John H. Dispensing tubes. 2,842,296, 7-8-58, Cl. 222-549.
- McWhorter, John R.: *See—*
Alexander, Guy B., and McWhorter. 2,833,724.
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- McWilliams, Arthur C. Dry shaver having combination suction and adjustable cutting means. 2,824,367, 2-25-58, Cl. 30-41.5.
- McWilliams, James B.: *See—*
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- McWilliams, James B., to Railway Maintenance Corp. Ballast distributor. 2,842,069, 7-8-58, Cl. 104-5.
- Meacham, J. E.: *See—*
Shepherdson, William L. 2,849,054.
- Meacham, Larned A., to Bell Telephone Laboratories, Inc. Delay circuit for amplifying device. 2,823,267, 2-11-58, Cl. 179-84.
- Meacham, Larned A., to Bell Telephone Laboratories, Inc. Transistor selective ringing, dialing and party identification circuit. 2,824,173, 2-18-58, Cl. 179-81.
- Meacham, Larned A., to Bell Telephone Laboratories, Inc. Transistor current limiter. 2,850,650, 9-2-58, Cl. 307-88.5.
- Meacham, Larned A., and F. West, to Bell Telephone Laboratories, Inc. Selective ringing circuits. 2,824,175, 2-18-58, Cl. 179-86.
- Mead-Atlanta Paper Co.: *See—*
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Forrer, Homer W. 2,841,279.
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Gentry, Hermond G. 2,826,409.
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- Mead, Atwell H. Pencil holding device for attachment to eyeglass frames. 2,832,114, 4-29-58, Cl. 24-10.
- Mead Corp.: *See—*
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Shick, Philip E. 2,849,292.
- Mead, Dexter: *See—*
Fleming, Raymond E., Harris, and Mead. 2,858,865.
- Mead, Fred A., Jr.: *See—*
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- Mead, Harry A., and L. L. Slagel. Machine for automatically cutting adjustably predetermined lengths from roll material. 2,865,448, 12-23-58, Cl. 164-39.
- Mead, Homer A. Adjustment means for wrench-type pliers. 2,854,878, 10-7-58, Cl. 81-411.
- Mead, John H., Jr.: *See—*
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- Mead, Johnson & Co.: *See—*
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- Mead, Kenneth M.: *See—*
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- Mead Specialties Co., Inc.: *See—*
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- Mead, William H.: *See—*
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- Mead, William H. Wheel-type abrasive-impelling device. 2,863,261, 12-9-58, Cl. 51-9.
- Mead, William H., A. A. Zambruno, and A. L. Jett; said Zambruno and Jett assors. to said Mead. Separator and reclaimer. 2,833,407, 5-6-58, Cl. 209-30.
- Meade, Edwin M.: *See—*
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- Meade, Leonard P., to Phillips Petroleum Co. Seal for underground passage, and storage system embodying same. 2,855,757, 10-14-58, Cl. 61-5.
- Meade, Lynn C.: *See—*
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- Meade, Lynn C., to Standard Mirror Co., Inc. Rear vision mirror. 2,838,979, 6-17-58, Cl. 88-77.
- Meade, Walden R. Flagstaff. 2,853,046, 9-23-58, Cl. 116-173.
- Meador, Campling W., to Henry Balfour & Co. Ltd. Reciprocating pump. 2,840,001, 6-24-58, Cl. 103-48.
- Meador, Henry F. Pie edge crimping device. 2,851,968, 9-16-58, Cl. 107-49.
- Meadors, Ansel R., Jr. Machine for supporting and rotating rings. 2,823,408, 2-18-58, Cl. 15-268.
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- Meadows, Lee A., to United States of America, Navy. Single pole six throw, high speed, microwave waveguide switch. 2,856,590, 10-14-58, Cl. 333-98.
- Meadows, Stanley G., and R. N. Saxby, to Southern United Telephone Cables Ltd. Means for recording the readings of an instrument, or group of instruments, suitable for the testing of the circuits of electric communication cables. 2,830,865, 4-15-58, Cl. 346-34.
- Meadows, Stanley R., C. H. Lewis, Jr., and C. E. Pearson, to Sarkes Tarzian, Inc. Very high frequency television tuner having an ultra high frequency adapter. 2,824,957, 2-25-58, Cl. 250-20.
- Meagher, James E.: *See—*
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- Meagher, William E. Knurling and trimming roller for seam welders. 2,857,504, 10-21-58, Cl. 219-81.
- Meagher, William G. Vehicular hoist unit. 2,820,561, 1-21-58, Cl. 214-620.
- Meaker, Achibald G. Collapsible house trailer. Re. 24,452, 4-8-58, Cl. 296-23.
- Meaker, Benjamin. Garment protectors. 2,821,719, 2-4-58, Cl. 2-231.
- Meading, Kenneth W., and G. Kalt, to The Budd Co. Rack or shelf, as for passenger vehicles. 2,827,177, 3-18-58, Cl. 211-90.
- Meals, Robert N., to General Electric Co. Recovery of methyl alkoxysilanes from methylpolysiloxanes. 2,826,599, 3-11-58, Cl. 260-448.8.
- Meaney, James C., to Meaney & Madaloni, Inc. Kneeling attachment for portable chairs. 2,850,080, 9-2-58, Cl. 155-169.
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Meaney, James C. 2,850,080.
- Means, Herbert E., to United States of America, Atomic Energy Commission. Turbine driven pump. 2,839,005, 6-17-58, Cl. 103-87.
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- Meara, Robert A.: *See—*
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- Mears, Fred W., Heel Co., Inc.: *See—*
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- Mears, Norman B. Apparatus and method for etching metal webs. 2,822,635, 2-11-58, Cl. 41-9.
- Mears, Paul L. and R. R. Wrench with flexible chain. 2,853,909, 9-30-58, Cl. 81-67.
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- Mears, Stowell W. Apparatus for the forming of laminated plastic materials. 2,830,322, 4-15-58, Cl. 18-19.

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- Measure-All Corp.: *See*—
- Setecka, John C. 2,826,078.
- Meat Packers Equipment Co.: *See*—
- Ernst, Albert C. 2,847,953.
- Tipper, Maynard J. G. 2,843,106.
- Meauze, Francois, and V. Wiquel, to Vetreria Italiana Balzarotti Modigliani S. p. A. Method and apparatus for uninterrupted production of surface coated layers of bonded mineral wool. 2,826,236, 3-11-58, Cl. 154—1.
- Mebane, Alexander D.: *See*—
- Oroschnik, William, and Mebane. 2,842,600.
- Mecatex S. A.: *See*—
- Bouffort, Victor A. 2,823,044.
- Bouffort, Victor A. 2,860,715.
- Mechanical Handling Systems Inc.: *See*—
- Bishop, Leonard J. 2,850,139.
- Bishop, Leonard J., and Klamp. 2,850,141.
- Bishop, Leonard J., and Klamp. 2,853,955.
- Klamp, Paul. 2,844,854.
- Klamp, Paul. 2,854,711.
- Klamp, Paul. 2,864,135.
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- Mechanical Industries Production Co.: *See*—
- Dell, Saul V. 2,866,041.
- Schwing, Russell L. 2,866,042.
- Mechanical Parking Systems, Inc.: *See*—
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- Mechanical Patents, Inc.: *See*—
- Ashworth, William J. 2,834,122.
- Mechanical Products, Inc.: *See*—
- Ingwersen, Richard C. 2,821,601.
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- Ingwersen, Richard C., and Hamill. 2,831,086.
- Wilson, James S., Perman, Hansen, Broyles, Evans, Pavoni, and Kindel. 2,864,218.
- Mechanical Spring Fabricators, Inc.: *See*—
- Donkin, Wilfred T., and Sabik. 2,821,379.
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- Roth, Jay M. 2,830,543.
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- Brook, Arthur F. 2,836,203.
- Mechler, Mark V., and G. W. Wood, to United States of America, Navy. Recording and reproducing angularly correlated data. 2,861,255, 11-18-58, Cl. 340—3.
- Mecier, Bernard C., and E. J. Marchinkoski. Box construction. 2,821,320, 1-28-58, Cl. 217—44.
- Meckenstock, John W., to Meckum Engineering, Inc. Portable dredge hull. 2,847,961, 8-19-58, Cl. 114—26.
- Mecklenborg, Lawrence W., to Precision Welder & Machine Co. Repulsion magnetic force resistance welders. 2,863,986, 12-9-58, Cl. 219—89.
- Meckstroth, Carl R., F. J. Grube, and L. A. Demchok, Sr., to General Electric Co. Apparatus for mounting filaments. 2,841,189, 7-1-58, Cl. 140—71.6.
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- Meckenstock, John W. 2,847,961.
- Mecom, John W.: *See*—
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- McArthur, Ralph F., and Mecusker. 2,866,213.
- Medart Lockers, Inc.: *See*—
- Chervenka, George R. 2,835,523.
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- Medearis, James F. Tool joint protector. 2,860,013, 11-11-58, Cl. 308—4.
- Medenbach, Charles W. Locking device for French phone. 2,864,906, 12-16-58, Cl. 179—189.
- Mederer, Stanis J., to United States of America, Navy. Automatic noise regulation for radar receivers. 2,837,634, 6-3-58, Cl. 250—20.
- Medhurst, Cyril W., to Vickers-Armstrongs Ltd. Machine for use in the manufacture of profile templates. 2,830,501, 4-15-58, Cl. 90—13.
- Medicus, Gustav K. Spot or seam welding of molybdenum and tungsten by means of rhenium interlayers. 2,830,169, 4-8-58, Cl. 219—92.
- Medlin, J. Wiley. Detachable pivoted knife. 2,822,845, 2-11-58, Cl. 146—146.
- Medlin, William V., and G. E. Liedholm, to Shell Development Co. Apparatus for the regeneration of catalyst. 2,819,951, 1-14-58, Cl. 23—288.
- Medlock, Donald E., to Boeing Airplane Co. Fire fighting apparatus. 2,857,005, 10-21-58, Cl. 169—2.
- Mednick, Sol A., R. Wynkoop, and J. Feldman, to National Distillers and Chemical Corp. Method for separating a C₁₀ straight chain aliphatic diacid from mixtures with isomers thereof. 2,858,337, 10-28-58, Cl. 260—537.
- Medoff, Joseph L., to Burroughs Corp. Driver circuit. 2,849,654, 8-26-58, Cl. 315—84.6.
- Medovick, George. Self-propelled cleaning or painting device. 2,858,555, 11-4-58, Cl. 15—88.
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- North, Donald O. 2,825,817.
- Medvedeff, Nicholas J. Differential and collective rotor blade pitch control for convertiplane. 2,819,029, 1-7-58, Cl. 244—7.
- Medvedieff, Serge, to Society Audax. Manufacture process of permanent magnets from sintered mixtures of oxides. 2,828,264, 3-25-58, Cl. 252—62.5.
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- Newnham, Frank R. A. 2,845,886.
- Mee, William H. Garnett wire. 2,832,098, 4-29-58, Cl. 19—114.
- Meeder, Edward A., to Curtiss-Wright Corp. One-way supercharger drive. 2,851,024, 9-9-58, Cl. 123—119.
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- Meehan-Tooker Co., Inc., The.: *See*—
- Vergeer, Albert W. 2,832,176.
- Meehanite Metal Corp.: *See*—
- Moore, William H. 2,818,620.
- Moore, William H. 2,821,473.
- Meek, George W., to American W. M. B., Inc. Structural building panel construction. 2,862,254, 12-2-58, Cl. 20—4.
- Meek, Harold J.: *See*—
- Govan, Roy H., and Meek. 2,827,763.
- Vasconi, Edgardo G., and Meek. 2,821,010.
- Meek, Richard L.: *See*—
- Glass, King I., and Meek. 2,857,431.
- Meek, Richard L., to Monsanto Chemical Co. Production of vinyl halides. 2,847,483, 8-12-58, Cl. 260—656.
- Meeker, David A.: *See*—
- Allen, Kenneth C., and Meeker. 2,858,124.
- Fox, Gerald B., Houser, and Meeker. 2,838,083.
- Geiger, Russell C., and Meeker. 2,862,510.
- Meeker, Jack A., to Boeing Airplane Co. Plug and jack keepers. 2,821,689, 1-28-58, Cl. 339—61.
- Meeker, William H., to Hickok Mfg. Co., Inc. Apparel for neckwear. 2,846,688, 8-12-58, Cl. 2—150.
- Meeker, William H., to Hickok Mfg. Co., Inc. Buckle for reversible belts. 2,865,074, 12-23-58, Cl. 24—188.
- Meeker, William H., and D. R. Salter, to Hickok Mfg. Co., Inc. Display holder for belts. 2,855,132, 10-7-58, Cl. 223—85.
- Meekin, James J., to The Hetttrick Mfg. Co. Upholstered hassock. 2,833,337, 5-6-58, Cl. 155—169.
- Meekins, Marvin H., M. H. Baller, and C. A. Johnstone, to United States of America, Navy. Dud jettisoning device for rocket launcher. 2,831,399, 4-22-58, Cl. 89—1.7.
- Meents, John, and C. J. Crane. Gauge for determining vertical heights and depths. 2,851,799, 9-16-58, Cl. 37—80.
- Meerburg, Wilhelmina: *See*—
- Beets, Muus G. J., and Meerburg. 2,820,805.
- Mees, Hans E.: *See*—
- Brumek, Frank. 2,837,084.
- Mees, Robert D., and C. M. Marker, to General Electric Co. Tap structure for reactive device. 2,866,955, 12-30-58, Cl. 336—192.
- Meese, George E., and J. O. Geissbuhler, to General Electric Co. Vehicle headlamp. 2,858,467, 10-28-58, Cl. 313—115.
- Meetin, Constantine. Open gunsight. 2,825,137, 3-4-58, Cl. 33—47.
- Meetz, Walter H.: *See*—
- Vance, Byron, Jr. 2,844,897.
- Meftina S. A.: *See*—
- Fresard, Marcel. 2,823,538.
- Fresard, Marcel. 2,862,381.
- Huber, Max. 2,846,865.
- Kuhn, Georges. 2,825,284.
- Megar, David. Watch band connection. 2,850,783, 9-9-58, Cl. 24—265.
- Megard, Henry, to Sautier & Jaeger. Means for changing the frequency in combined wireless and television sets. 2,865,987, 12-23-58, Cl. 178—5.8.
- Megel, Guillaume E., 50% to Henri Mancia. Rectifying device for automatic lathes. 2,841,041, 7-1-58, Cl. 82—28.
- Megenity, Curtis E. Combined sunshade and canopy. 2,829,659, 4-8-58, Cl. 135—5.
- Meguerian, Garbis H., and W. P. Fairchild, to Standard Oil Co. Oxygen sweetening process. 2,848,374, 8-19-58, Cl. 196—29.
- Meguerian, Garbis H., and W. P. Fairchild, to Standard Oil Co. Sweetening of sour hydrocarbons. 2,859,176, 11-4-58, Cl. 208—234.
- Mehan, Thomas O., to Victor Adding Machine Co. Ten key actuator stop mechanism for calculating machines. 2,824,688, 2-25-58, Cl. 235—60.
- Meherg, Jess W., and J. M. Ripple, to The Goodyear Tire & Rubber Co. Process for treating nylon cord fabric. 2,844,488, 7-22-58, Cl. 117—7.
- Mehlhorn, Lawrence T.: *See*—
- Provine, Robert W., Mehlhorn, Thompson, and Lawson. 2,821,485.
- Provine, Robert W., Mehlhorn, Thompson, and Lawson. 2,860,066.
- Mehlis, Arthur, to International Standard Electric Corp. Multi-contact relay. 2,834,849, 5-13-58, Cl. 200—104.
- Mehlretter, Charles L.: *See*—
- Ofelt, Chester W., Mehlretter, and Otey. 2,850,389.
- Mehlretter, Charles L., to the United States of America as represented by the Secretary of Agriculture. Electrolytic process for making periodic acid solutions. 2,830,941, 4-15-58, Cl. 204—82.

- Mehnert, Walter, to VEB Fahrradwerk Elite-Diamant. Flat knitting machine for producing two or more double pieces of fabric independent from each other. 2,821,073, 1-28-58, Cl. 66-64.
- Meibaum, Walter C., Jr., to General Electric Co. Means for securing a member within a tube. 2,827,925, 3-25-58, Cl. 138-44.
- Meidenbauer, Philip E., Jr., to Firewel Industries. Demand valve. 2,821,990, 2-4-58, Cl. 137-64.
- Meier, Alexander. Electromagnetic direct current motor without winding on the armature. 2,844,744, 7-22-58, Cl. 310-46.
- Meier, Arthur P., and S. P. Denison, to Westinghouse Electric Corp. Fluxing devices. 2,823,633, 2-18-58, Cl. 113-95.
- Meier, Arthur P., and W. J. Lytle, to Westinghouse Electric Corp. Basing machine with improved lead-cutting device. 2,831,406, 4-22-58, Cl. 90-15.1.
- Meier, Axel W. Oil seal and bearing. 2,857,213, 10-21-58, Cl. 308-36.1.
- Meier, Edwin H., and R. G. Hester, to Hughes Aircraft Co. Pulse amplitude multiplier. 2,836,718, 5-27-58, Cl. 250-27.
- Meier, George D.: *See*—
Potchen, Joseph A., Kloote, and Meier. 2,866,730.
- Meier, George D., G. E. Kloote, and J. A. Potchen, to Haskellite Mfg. Corp. Reinforced corner for plastic sheets and method of making same. 2,826,240, 3-11-58, Cl. 154-41.
- Meier, Gerhard: *See*—
Schaffler, Alfred, Bach, and Meier. 2,845,331.
- Meier, Gerhard, to VEB Leuna-Werke "Walter Ulbricht." Process for preconcentrating lactam oils. 2,866,785, 12-30-58, Cl. 260-239.3.
- Meier, Hermann: *See*—
Jockers, Kurt, Meier, and Wintersberger. 2,823,101.
- Meier, Konrad: *See*—
Druey, Jean, and Meier. 2,857,384.
- Meier, Lothar: *See*—
Seidel, Johannes, and Meier. 2,844,771.
- Meier, Robert H., to Deere Mfg. Co. Shaft coupling. 2,844,011, 7-22-58, Cl. 64-1.
- Meier, Rolf, A. Wettstein, and E. Lang, to Ciba Pharmaceutical Products Inc. Testosterone compositions. 2,855,341, 10-7-58, Cl. 167-74.
- Meier, Vincent L., to United States of America, Navy. Quick release mechanism. 2,840,873, 7-1-58, Cl. 24-123.
- Meier, Walter, and P. Zublin. Method for the curdling of milk. 2,848,400, 8-19-58, Cl. 204-137.
- Meleran, Sigmund: *See*—
Hahn, Clarence E., and Meieran. 2,830,107.
- Meierhofer, Hugo, to Zellweger A. G. Apparate- und Maschinenfabriken Uster. Device for presenting heads to a hook for drawing-in warp threads. 2,828,527, 4-1-58, Cl. 28-46.
- Meigs, Peter S.: *See*—
Law, John T., and Meigs. 2,837,471.
- Meijer, Hendrik, to De Staat der Nederlanden, te dezen Vertegenwoordigd door de Hoofdingenieur-Directeur van de Rijkswaterstaat in de Directie Algemeen Dienst en Waterhuishouding. Apparatus for mapping by means of overlapping aerial photographs. 2,859,520, 11-11-58, Cl. 33-1.
- Meijer, Hugo H. M. to North American Philips Co., Inc. Hot-gas reciprocating engine. 2,828,601, 4-1-58, Cl. 60-24.
- Meikle, Richard W., to The Dow Chemical Co. 3-(pentylthio)-propionaldehyde thioisocambezane. 2,854,481, 9-30-58, Cl. 260-552.
- Meiklejohn, Robert F., to BJ Service, Inc. Thermochemical logging tool. 2,843,459, 7-15-58, Cl. 23-253.
- Meilink, Johannes, to Ailmanna Svenska Elektriska Aktiebolaget. Device for containing and exposing a radioactive material. 2,862,108, 11-25-58, Cl. 250-106.
- Meincke, Henry H. Device for unloading agricultural materials. 2,824,671, 2-25-58, Cl. 222-177.
- Meinders, Elmer L.: *See*—
Greenwood, Earle, Holtz, and Meinders. 2,858,982.
- Meinecke, Heinz: *See*—
Zellner, Hugo, Frank, Kratz, and Meinecke. 2,822,323.
- Meiners, Carl O., and H. W. and W. B. Lessing, to Meiners Optical Devices Ltd. Illuminators for knitting machines. 2,820,356, 1-21-58, Cl. 66-86.
- Meiners, Carl O., and W. and W. B. Lessing, to Meiners Optical Devices Ltd. Thread illuminator. 2,839,669, 6-17-58, Cl. 240-2.
- Meiners, Elmo: *See*—
Warsaw, Arthur J. 2,848,086.
- Meiners Optical Devices Ltd.: *See*—
Meiners, Carl O., and H. W. and W. B. Lessing. 2,820,356.
Meiners, Carl O., and W. and W. B. Lessing. 2,839,669.
- Meinert, Norbert: *See*—
Weissenberg, Gustav, Ungemach, and Meinert. 2,866,712.
- Meinert, Richard N.: *See*—
Hunt, John M., and Meinert. 2,854,396.
- Meinhardt, John W., and D. W. Tabor, to Crown Zellerbach Corp. Tray box for small bakery products. 2,850,224, 9-2-58, Cl. 224-27.
- Meinhardt, Walter J. Safety devices. 2,824,293, 2-18-58, Cl. 340-52.
- Meints, Clifford L.: *See*—
Moyle, Clarence L., and Meints. 2,859,242.
- Meis, Helmut: *See*—
Westlinning, Herman, and Meis. 2,852,583.
- Meis, Helmut, and H. Sauer, to Rutgerswerke-Aktiengesellschaft. Process for the preparation of diesters and monoesters of isocyanuric acid. 2,830,051, 4-8-58, Cl. 260-248.
- Meis, Helmut, and H. Sauer, to Rutgerswerke-Akt. Condensation products of bisphenols with aromatic vinyl compounds. 2,838,474, 6-10-58, Cl. 260-62.
- Meis, Helmut, and H. Sauer, to Rutgerswerke-Akt. Process for the preparation of isocyanuric acid monovinylester. 2,860,139, 11-11-58, Cl. 260-248.
- Meis, Josef: *See*—
Büchner, Karl, and Meis. 2,841,614.
Büchner, Karl, and Meis. 2,849,489.
Büchner, Karl, Roelein, and Meis. 2,850,536.
- Meisel, George M.: *See*—
Abbott, Robert H., and Meisel. 2,840,364.
- Meisel, George M., R. Q. Gribble, and D. J. Drinkwater, to Colorado Iron Works Co. Multiple stage separator. 2,856,070, 10-14-58, Cl. 209-39.
- Meisenheimer, Raymond L., to Radio Corp. of America. Noise reduction circuit for television transmitters. 2,843,661, 7-15-58, Cl. 178-7.1.
- Meissner, Harold G., to Combustion Engineering, Inc. Feeder for discrete cellulose material. 2,833,392, 5-6-58, Cl. 198-62.
- Meissner Inventions, Inc.: *See*—
Miessner, Benjamin F. 2,832,843.
- Meister, Arthur, to Meister & Co. Method for tightening textile hoses or flexible tubes. 2,838,799, 6-17-58, Cl. 18-47.5.
- Meister & Co.: *See*—
Meister, Arthur. 2,838,799.
- Meister, Edward F., and W. J. Corr. Combined highway-railroad axle and wheel system. 2,821,151, 1-28-58, Cl. 105-215.
- Meister, George, and T. H. Heine, to Westinghouse Electric Corp. Electrode coating composition and electrode for cold cathode gas discharge lamp. 2,840,751, 6-24-58, Cl. 313-339.
- Meister, Herbert, to Chemische Werke Huls Aktiengesellschaft. Process for the production of a stable complex compound of diacetylene. 2,822,372, 2-4-58, Cl. 260-439.
- Meister, Herbert, to Chemische Werke Huls Aktiengesellschaft. Process for the production of cyclopentadiene thallium. 2,831,007, 4-15-58, Cl. 260-429.
- Meister, Peter D.: *See*—
Eppstein, Samuel H., Meister, and Weintraub. 2,864,831.
Eppstein, Samuel H., Meister, and Weintraub. 2,864,832.
- Meistrell, Harland W. Animal training device. 2,839,242, 6-17-58, Cl. 231-2.
- Meistrrell, John V. Safety cover plate for electrical receptacles. 2,820,842, 1-21-58, Cl. 174-67.
- Meixner, Alfred, and R. Sommer, to Voigtlander, A. G. Camera focus adjusting mechanism. 2,856,830, 10-21-58, Cl. 95-45.
- Meixner, Alfred, and E. Grashoff, to Voigtlander Akt. Photographic camera with retractable tube. 2,865,273, 12-23-58, Cl. 95-39.
- Mejean, Jacques G., and J. V. Oliveau, to The Aerotec Corp. Control apparatus for the air and oxygen supply in the suits of aircraft personnel. 2,824,557, 2-25-58, Cl. 128-142.
- Mekel, Thomas H., and L. I. Cammack. Baby jumper. 2,855,023, 10-7-58, Cl. 155-18.
- Mekelburg, Earl F.: *See*—
Schaefer, Carl A., Kiessling and Mekelburg. 2,822,439.
- Mekelburg, Earl F., to Square D Co. Interlock push button electric switch. 2,832,850, 4-29-58, Cl. 200-5.
- Mekelburg, Earl F., to Square D Co. Time delay switch. 2,851,545, 9-9-58, Cl. 200-5.
- Mekler, Valentine, to The Lummus Co. Asphaltite treating. 2,846,361, 8-5-58, Cl. 196-50.
- Melamed, Sidney: *See*—
Watanabe, Warren H., and Melamed. 2,845,407.
- Melamed, Sidney, to Rohm & Haas Co. Polymerizable polyethylenically unsaturated compounds polymers thereof, and their preparation. 2,824,858, 2-25-58, Cl. 260-77.5.
- Melamed, Sidney, to Rohm & Haas Co. Derivatives of linear polymeric amines and methods of producing them. 2,825,714, 3-4-58, Cl. 260-72.
- Melamed, Sidney, to Rohm & Haas Co. Monomeric polymerizable ureido and thioureido compounds, methods for producing them and polymers thereof. 2,832,755, 4-29-58, Cl. 260-77.5.
- Melamed, Sidney, to Rohm & Haas Co. Monomeric polymerizable ureido and thioureido compounds, methods for producing them and polymers thereof. 2,832,756, 4-29-58, Cl. 260-77.5.
- Melamed, Sidney, to Rohm & Haas Co. Monomeric polymerizable ureido and thioureido vinyl esters and methods for producing them. 2,837,499, 6-3-58, Cl. 260-77.5.
- Melamed, Sidney, to Rohm & Haas Co. Vinyl ether derivatives of amidophosphate and amidothiophosphate esters, their polymers and processes for preparing them. 2,842,527, 7-8-58, Cl. 260-80.3.
- Melamed, Sidney, to Rohm & Haas Co. New quaternary ammonium compounds in which the nitrogen atom carries an alkoxymethyl group. 2,843,573, 7-15-58, Cl. 260-86.1.
- Melamed, Sidney, to Rohm & Haas Co. Esters of 2-methyl-1,3-oxazolidine-3-phosphonic acids and of 2-methyl-tetrahydro-1,3-oxazine-3-phosphonic acids, and their preparation. 2,843,586, 7-15-58, Cl. 260-244.
- Melamed, Sidney, to Rohm & Haas Co. Linear polymeric amides and methods of making them. 2,845,408, 7-29-58, Cl. 260-89.7.

- Melamed, Sidney, to Rohm & Haas Co. Vinyl ethers of substituted biurets, their polymers, and their preparation. 2,847,399, 8-12-58, Cl. 260—77.5.
- Melamed, Sidney, to Rohm & Haas Co. Aliphatic poly(oxy-methylisobutyryl)acrylates and methods for making them. 2,847,441, 8-12-58, Cl. 260—454.
- Melamed, Sidney, to Rohm & Haas Co. Unsaturated thiouroids ethers, polymers thereof and process of making them. 2,858,295, 10-28-58, Cl. 260—68.
- Melamed, Sidney, to Rohm & Haas Co. Vinyl sulfides of substituted ureas and thioureas, polymers thereof, and methods for making them. 2,858,297, 10-28-58, Cl. 260—77.5.
- Melamed, Sidney, to Rohm & Haas Co. Polymeric sulfon-amido alkyl vinyl derivatives. 2,860,108, 11-11-58, Cl. 260—2.1.
- Melbourne, Joseph F., L. Skatoff, and M. Alfend. Chair construction. 2,866,498, 12-30-58, Cl. 155—193.
- Melchiona, James V. Sports shoe. 2,862,312, 12-2-58, Cl. 36—59.
- Melchore, James A.: *See—*
Booth, Robert B., and Melchore. 2,854,347.
- Meldrum, Roy. Tongs. 2,864,645, 12-16-58, Cl. 294—106.
- Meldrum, Roy W. Utility stool. 2,828,805, 4-1-58, Cl. 155—150.
- Meldrum, Roy W. Metal corner for construction panels. 2,849,757, 9-2-58, Cl. 20—5.
- Mele, Thomas W. Barbecue mechanism. 2,831,421, 4-22-58, Cl. 99—421.
- Meletti, Adolph: *See—*
Tamarin, Bernard J., and Meletti. 2,857,720.
- Melhorn, Robert S.: *See—*
Fyler, George W., and Melhorn. 2,828,357.
- Melick, George R.: *See—*
Collins, William W., Melick, and Reynolds. 2,849,980.
Ervine, Albert W. G., Melick, and Reynolds. 2,827,036.
- Melkonian, Diran, and P. Gold, to Laboratoire Sapos, and E. Frommel. New quaternary amino ethers and a process for their preparation. 2,837,533, 6-3-58, Cl. 260—326.5.
- Mell, Clifford W.: *See—*
Haskell, Lloyd E., and Mell. 2,845,470.
- Meller, August Jr., to United States Steel Corp. Coil receiving apparatus. 2,851,177, 9-9-58, Cl. 214—130.
- Mellick, Charles: *See—*
Ross, Frank, and Mellick. 2,824,782.
Ross, Frank, and Mellick. 2,848,298.
- Mellick, Charles, to Dearborn Chemical Co. Epoxy resin-amine pitch composition and process of making same. 2,824,078, 2-18-58, Cl. 260—28.
- Mellinger, Clyde: *See—*
Buckwater, Jacob S., and Mellinger. 2,839,957.
- Mellinger, Ernest F., to The Ryan Aeronautical Co. Expanding clamp for a tube bending machine. 2,862,540, 12-2-58, Cl. 153—80.
- Mellinger, Jacob W. Water injection systems for internal combustion engines. 2,835,233, 5-20-58, Cl. 123—25.
- Mello, Romualdo da S. Sanitary water-closet bowl. 2,853,713, 9-30-58, Cl. 4—69.
- Melloh, Bernard R. Cup holder. 2,823,004, 2-11-58, Cl. 248—215.
- Mellon, John J., and A. C. Shull. Self opening cover for inflatable lifeboat. 2,851,078, 9-9-58, Cl. 150—52.
- Mellon, Russell. Combination container, cap and sprayer. 2,861,839, 11-25-58, Cl. 299—97.
- Mellor, Adrien R., and N. A. Allred. Menu holder and magnetic support means therefor. 2,825,160, 3-4-58, Cl. 40—10.
- Mellor Bromley & Co. Ltd.: *See—*
Shortland, Arthur. 2,846,860.
Shortland, Arthur. 2,850,886.
Shortland, Arthur. 2,865,184.
Smith, Charles R. 2,821,421.
- Mellor, Robert H.: *See—*
Bourns, Marlan E., Harrison, Whitehorn, Tyson, and Mellor. 2,831,094.
- Melnick, Daniel: *See—*
Akerboom, Jack, and Melnick. 2,844,470.
Gooding, Chester M., Melnick, and Vahlteich. 2,858,225.
Murray, Harry A., Sexton, and Melnick. 2,864,702.
- Melnick, Daniel, and J. Akerboom. Pressurized salad dressing and method of preparing the same. 2,844,469, 7-22-58, Cl. 99—144.
- Melnikoff, Zachary. Pencil lead connecting mechanism. 2,839,029, 6-17-58, Cl. 120—18.
- Melpar, Inc.: *See—*
Camp, Glen D. 2,823,375.
Lawson, Axel A., and Ross. 2,818,748.
- Melroe, Clifford E., to Melroe Mfg. Co. Harrow cultivating implement. 2,826,027, 3-11-58, Cl. 55—33.
- Melroe Mfg. Co.: *See—*
Melroe, Clifford E. 2,826,027.
- Melse, Jan L., and P. Baeyens, to North American Philips Co. Inc. Method of passivating silver. 2,850,419, 9-2-58, Cl. 148—6.21.
- Melton, Daniel J.: *See—*
Bartlett, Charley H. 2,829,919.
- Melton, Daniel J. Choker cable locking device. 2,829,412, 4-8-58, Cl. 24—134.
- Meltzer, Ezra, and A. C. Herrault, to Burndy Corp. Crucible support. 2,820,999, 1-28-58, Cl. 22—82.
- Meltzer, Jack. Shoe provided with resiliently yieldable element. 2,844,891, 7-29-58, Cl. 36—58.5.
- Meltzer, Jacques: *See—*
Huisman, Hendrikus O., and Meltzer. 2,854,374.
- Meltzer, Robert I., and J. A. King, to Warner-Lambert Pharmaceutical Co. Quaternized thiofuramide derivatives. 2,833,774, 5-6-58, Cl. 260—293.4.
- Melville, George W. Pipe fitting stand. 2,853,771, 9-30-58, Cl. 29—386.
- Melville, Thomas: *See—*
Knight, Robert D., Mason, and Melville. 2,838,076.
Knight, Robert D., and Melville. 2,841,072.
- Melvin, Eugene E., to G. Miller. Freezer box holder and funnel. 2,827,931, 3-25-58, Cl. 141—331.
- Melvin, James M., to Monticello Mfg. Corp. Broom rake time mounting. 2,836,032, 5-27-58, Cl. 56—400.17.
- Meminger, Paul. Golf stroke practicing device. 2,852,261, 9-16-58, Cl. 273—200.
- Mena y Vieyra de Abreu, José. Hydrostatic fuze. 2,850,974, 9-9-58, Cl. 102—7.
- Menard, Clifford G., to The Heald Machine Co. Machine tool. 2,826,876, 3-18-58, Cl. 51—165.
- Menard, Maurice, 1/2 to Conservatoire National des Arts et Metiers. Variable section nozzle neck. 2,831,505, 4-22-58, Cl. 138—45.
- Menasco Mfg. Co.: *See—*
Kendall, Giles A. 2,838,944.
Missel, Leo. 2,829,091.
Missel, Leo, and Powell. 2,825,682.
- Menaul, Paul L.: *See—*
Buchanan, Donnell M., and Menaul. 2,860,103.
- Mench, Eugene L., to American Motors Corp. Floor supported bracket and brake linkage. 2,853,144, 9-23-58, Cl. 180—77.
- Mench, John W., to Eastman Kodak Co. Polyvinyl acetal acid dicarboxylates and their preparation. 2,828,289, 3-25-58, Cl. 260—73.
- Mench, John W., and M. E. Rowley, to Eastman Kodak Co. Manufacture of hydroxyalkyl cellulose esters. 2,828,305, 3-25-58, Cl. 260—226.
- Mench, John W., B. Fulkerson, and G. B. Lapham, to Eastman Kodak Co. Method of preparing dicarboxylic acid esters of the lower fatty acid esters and the ethers of cellulose containing free and esterifiable hydroxyl groups. 2,856,399, 10-14-58, Cl. 260—224.
- Mench, John W., and B. Fulkerson, to Eastman Kodak Co. Preparation of nitrogen containing cellulose derivatives. 2,861,068, 11-18-58, Cl. 260—227.
- Menchen, Bernard, and W. D. Finney. Device for dispensing pulverized materials from container. 2,822,956, 2-11-58, Cl. 222—81.
- Mende, Fritz. Multiple shell grab. 2,820,664, 1-21-58, Cl. 294—111.
- Mende, Hanns, to Sulzer Freres, S. A. High vacuum distillation apparatus. 2,861,925, 11-25-58, Cl. 202—205.
- Mende, William C., to Ortho Pharmaceutical Corp. Applicator. 2,864,367, 12-16-58, Cl. 128—261.
- Mendeball, Charles A., to Bendix Aviation Corp. Engine starter gearing. 2,863,320, 12-9-58, Cl. 74—6.
- Mendel, John T.: *See—*
Cutler, Cassius C., and Mendel. 2,840,752.
- Mendel, John T., to Bell Telephone Laboratories, Inc. Electron beam focusing. 2,855,537, 10-7-58, Cl. 315—3.6.
- Mendel, John T., to United States of America, Navy. Wide band traveling wave amplifier. 2,849,545, 8-26-48, Cl. 179—171.
- Mendelsohn, Bernard E. Storm window construction. 2,818,612, 1-7-58, Cl. 20—55.
- Mendelsohn, Harold L., L. Smith, and V. E. Origoni, to American Cyanamid Co. Pregnatetraenes and method of preparing the same. 2,864,834, 12-16-58, Cl. 260—397.45.
- Mendelsohn, Jack J., to American Home Products Corp. Penicillin in solid dosage unit form. 2,864,744, 12-16-58, Cl. 167—65.
- Mendelsohn, Meyer, to Ions Exchange and Chemical Corp. Process of sulfonating casein, zein or soy-bean protein. 2,838,482, 6-10-58, Cl. 260—119.
- Mendelsohn, Meyer, to Ions Exchange & Chemical Corp. Water-soluble metal compounds and process for making same. 2,854,441, 9-30-58, Cl. 260—91.3.
- Mendelsohn, Meyer, to Ions Exchange & Chemical Corp. Separator for alkaline batteries. 2,858,353, 10-28-58, Cl. 136—146.
- Mendelson, Myron J., to The National Cash Register Co. Computer editing and printing system. 2,853,696, 9-23-58, Cl. 340—173.
- Mendenhall, Charles A., to Bendix Aviation Corp. Engine starter gearing. 2,850,906, 9-9-58, Cl. 74—7.
- Mendenhall, Ivan L., to Research Laboratories, Inc. Container and a cap therefor, by means of which a user can prepare a fresh solution or suspension and can readily dispense the same. 2,859,898, 11-11-58, Cl. 222—1.
- Mendes, Abraham F. Method of electroplating plastic articles. 2,834,724, 5-13-58, Cl. 204—20.
- Mendes, John C. Sheet collator. 2,821,384, 1-28-58, Cl. 270—58.
- Meneghelli, Vittorio. Chair frame. 2,821,245, 1-28-58, Cl. 155—194.
- Menes, Herbert, to Clinton Watch Co. Golf scoring apparatus. 2,838,238, 6-10-58, Cl. 235—113.
- Meng, Carl L. Wave energy coupling device for ultrasonic energy. 2,832,572, 4-29-58, Cl. 259—1.
- Meng, Eugene D., N. T. Keyes, and P. M. Creutz, to Hoffman Radio Corp. Variable bandwidth crystal filter circuits or the like. 2,860,310, 11-11-58, Cl. 333—72.

- Menge, Theodore L., $\frac{1}{2}$ to E. C. Laster, Sr., Edger and trimmer for lawns and the like. 2,826,889, 3-18-58, Cl. 56—25.4.
- Menge, Theodore L., Sr.: *See*—
Laster, Edward C., Sr., and Menge. 2,837,030.
- Mengelkamp, Richard A., and L. B. Grantham, to Phillips Petroleum Co. Liquefied petroleum gas converter. 2,821,843, 2-4-58, Cl. 62—1.
- Mengis, Albin J., to W. Inc. Apparatus for making bags. 2,855,832, 10-14-58, Cl. 93—19.
- Menk, Robert L., to Esso Research and Engineering Co. Process for removing metallic contaminants from residual oils. 2,852,435, 9-16-58, Cl. 196—14.46.
- Menkemeir, William M. Cabinet. 2,845,319, 7-29-58, Cl. 312—183.
- Menkin, Benjamin D., S. F. Rabin, and M. D. Scisorek, to J. Bayard, S. F. Rabin, and M. D. Scisorek. Flavored drinking straw. 2,846,313, 8-5-58, Cl. 99—138.
- Menlo Research Laboratory: *See*—
Weeks, Charles. 2,831,120.
- Mennesson, Marcel, to Societe d'Appareils de Controle et d'Equiptement des Moteurs S. A. C. E. M. Hydraulic coupling devices. 2,858,674, 11-4-58, Cl. 60—54.
- Mennesson, Robert, to Societe d'Application et de Constructions pour Materiel Automobile S. A. C. M. A. Devices for measuring the diameter of a cylindrical bore. 2,842,858, 7-15-58, Cl. 33—178.
- Mennesson, Robert, to Societe d'Applications et de Constructions pour Materiel Automobile S. A. C. M. A. Apparatus for measuring leaks. 2,853,874, 9-30-58, Cl. 73—40.
- Menoher, Pearson T., to Owens-Illinois Glass Co. Gauging apparatus utilizing an elastically expandible plug. 2,830,376, 4-15-58, Cl. 33—178.
- Menser, Henry E., R. L. Jeffords, and C. O. Vancil. Pipe mitering machine. 2,847,204, 8-12-58, Cl. 266—23.
- Menter, Daniel J.: *See*—
Butts, Richard R. 2,856,735.
- Menter, James, Jr.: *See*—
Butts, Richard R. 2,856,735.
- Mentes, Alexander G., to Mentes-Williams Co. Inc. Dump truck. 2,856,232, 10-14-58, Cl. 298—22.
- Mentes-Williams Co. Inc.: *See*—
Mentes, Alexander G. 2,856,232.
- Mention, Maurice, to Les Usines de Melle (Societe Anonyme). Process for treating saturated oxo compounds. 2,848,498, 8-19-58, Cl. 260—594.
- Mention, Maurice, and L. Alheritiere, to Les Usines de Melle (Societe Anonyme). Process of purifying acetone by extractive distillation. 2,820,743, 1-21-58, Cl. 202—39.5.
- Mentzer, Elisabeth M.: *See*—
Mueller, Herman H. 2,860,880.
- Menzies, Alfred, Dentifrice comprising diatomaceous silica. 2,820,000, 1-14-58, Cl. 167—93.
- Menzies Engineering Co.: *See*—
Strohl, Harrison A., Sr. 2,823,801.
- Menzimer, Lisle W.: *See*—
Allen, Edwin L. 2,861,834.
- Meopta, narodni podnik: *See*—
Kovarik, Josef. 2,853,929.
Nesvadba, Emil. 2,851,919.
- Merbler, Rudolph. Bearing mounting for roller-skate truck. 2,822,182, 2-4-58, Cl. 280—11.28.
- Mercast Corp.: *See*—
Kramer, Irvin R. 2,857,641.
- Mercer, Norman J. Hollow insulated handle. 2,840,846, 7-1-58, Cl. 16—116.
- Mercer, William R.: *See*—
Sanders, Royden C., Jr., and Mercer. 2,863,042.
- Mercer, William R., to the United States of America as represented by the Secretary of the Navy. Single side band horn system. 2,830,290, 4-8-58, Cl. 343—17.7.
- Merchant, Charles W.: *See*—
Griffes, Milton W., and Merchant. 2,858,402.
- Merchant, Chester O., to Swanson Tool and Machine Products, Inc. Tripping mechanism. 2,823,820, 2-18-58, Cl. 218—0.5.
- Merchant, John S., to The B. F. Goodrich Co. Resilient rubber journal bearing assembly. 2,839,340, 6-17-58, Cl. 308—26.
- Merchants National Bank and Trust Co.: *See*—
Condon, Howard M., and Cleland. 2,860,678.
- Mercier, Bernard: *See*—
Mercier, Jean and B. 2,859,592.
- Mercier, Jacques H.: *See*—
Mercier, Jean and J. H. 2,862,513.
- Mercier, Jean. Servo pressure regulator valve. 2,827,075, 3-18-58, Cl. 137—491.
- Mercier, Jean. Art of molding bladders. 2,829,401, 4-8-58, Cl. 18—42.
- Mercier, Jean. Resilient system. 2,844,367, 7-22-58, Cl. 267—15.
- Mercier, Jean. Method and equipment for forming bladders. 2,848,743, 8-26-58, Cl. 18—42.
- Mercier, Jean and B. Hydraulic transmitter with follow-up. 2,859,592, 11-11-58, Cl. 60—97.
- Mercier, Jean and J. H. Bleeder valve. 2,862,513, 12-2-58, Cl. 137—117.
- Mercier, Jean, and P. G. J. M. Audemar. Hydraulic follow up systems. 2,863,422, 12-9-58, Cl. 121—41.
- Mercier, Stanley M., to The Jeffrey Mfg. Co. Chain. 2,844,042, 7-22-58, Cl. 74—245.
- Merck & Co., Inc.: *See*—
Adams, Howard R., and Cherkas. 2,853,421.
Arth, Glen E., Poos, and Sarett. 2,842,557.
Arth, Glen E., Poos, and Sarett. 2,864,818.
Arth, Glen E., Poos, and Sarett. 2,864,819.
Bacher, Frederick A., and Meriwether. 2,832,720.
Bailey, George A., and Hirschmann. 2,865,915.
Baumgarten, Werner, and Johnson. 2,834,710.
Beyler, Roger E., and Hoffman. 2,836,593.
Beutel, Ralph H., and Currie. 2,860,135.
Beyler, Roger E., and Sarett. 2,866,799.
Brink, Norman G., Ham, Harman, and Sarett. 2,847,425.
Brink, Norman G., Kuehl, and Folkers. 2,844,511.
Brown, Horace D. 2,820,739.
Brown, Horace D. 2,821,531.
Chamberlin, Earl M. 2,837,514.
Chamberlin, Earl M., and Chemerda. 2,840,572.
Chamberlin, Earl M., and Chemerda. 2,852,536.
Chamberlin, Earl M., and Chemerda. 2,854,451.
Chamberlin, Earl M., and Chemerda. 2,854,453.
Chamberlin, Earl M., and Chemerda. 2,854,462.
Chamberlin, Earl M., and Chemerda. 2,854,463.
Chamberlin, Earl M., and Chemerda. 2,854,464.
Chemerda, John M. 2,860,134.
Chemerda, John M., Chamberlin, and Tristram. 2,833,790.
Chemerda, John M., Chamberlin, and Tristram. 2,833,791.
Chemerda, John M., Chamberlin, and Tristram. 2,833,796.
Chemerda, John M., and Jacob. 2,837,515.
Chemerda, John M., and Ruyle. 2,840,574.
Clark, Robert L., and Pessolano. 2,843,597.
Conn, John B., and Humphrey. 2,848,322.
Cope, Arthur C., and Burg. 2,825,736.
Currie, Robert B., and Beutel. 2,850,504.
Day, John T., and Smith. 2,852,539.
Degkwitz, Robert R. 2,832,721.
Degkwitz, Robert R. 2,853,419.
Dulaney, Eugene L., and McAleer. 2,819,200.
Dulaney, Eugene L., and McAleer. 2,819,201.
Dulaney, Eugene L., and McAleer. 2,863,806.
Engelhardt, Edward L., and Zell. 2,857,391.
Erickson, Arthur E. 2,860,168.
Folkers, Karl, and Shunk. 2,860,131.
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Garber, John D. 2,839,584.
Garber, John D., and Reynolds. 2,851,499.
Graber, Robert P., and Snoddy. 2,838,493.
Graber, Robert P., Wendler, and Snoddy. 2,833,795.
Hall, Victor C. 2,857,079.
Harman, Robert E., Brink, Ham, and Sarett. 2,847,412.
Harris, Dale A., Wolf, and Peck. 2,832,788.
Hendlin, David. 2,824,045.
Hirschmann, Ralph E., and Miller. 2,837,541.
Hoffman, Carl H. 2,852,531.
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Holly, Frederick W., and Stammer. 2,840,565.
Holly, Frederick W., and Wagner. 2,853,497.
Howe, Eugene E. 2,845,433.
Huff, Jesse W., and Bosshardt. 2,860,050.
Kuehl, Frederick A., Jr. 2,845,432.
La Pierre, Raymond. 2,864,701.
Lukes, Robert M., and Poos. 2,862,004.
Lukes, Robert M., and Poos. 2,862,005.
Lukes, Robert M., and Poos. 2,862,006.
Matzke, Alexander R., Pfister, and Rogers. 2,824,132.
McAleer, William, and Dulaney. 2,831,797.
O'Neill, Robert C., and Basso. 2,823,162.
O'Neill, Robert C., and Basso. 2,829,084.
O'Neill, Robert C., and Basso. 2,850,503.
O'Neill, Robert C., and Basso. 2,850,530.
Pfister, Karl, III, and Stein. 2,831,027.
Poos, George I. 2,852,529.
Powers, William R. 2,831,600.
Sarett, Lewis H. 2,846,456.
Sarett, Lewis H. 2,853,496.
Sarett, Lewis H. 2,859,223.
Sarett, Lewis H., Brown, and Matzuk. 2,853,486.
Sarett, Lewis H., Poos, and Johns. 2,837,516.
Schultz, Everett M. 2,835,702.
Shafer, Henry M. 2,864,745.
Silver, Leonard H. 2,861,024.
Sletzinger, Meyer, and Tishler. 2,821,527.
Sletzinger, Meyer, and Tishler. 2,821,528.
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Sprague, James M., and Schultz. 2,835,676.
Taub, David, and Wendler. 2,856,416.
Tristram, Edward W. 2,837,542.
Wagner, Arthur F. 2,820,799.
Wagner, Arthur F. 2,842,558.
Wagner, Arthur F. 2,842,587.
Wagner, Arthur F. 2,842,590.
Walton, Edward. 2,831,005.
Walton, Edward. 2,835,704.
Walton, Edward. 2,842,574.
Wendler, Norman L. 2,831,899.
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- Merck, E., Akt. Darmstadt: *See*—
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- Mercoli, Ferdinand. Conveyor and sorter. 2,821,961, 2-4-58, Cl. 119—51.

- Mercury Engineering Corp.: See—
Horth, Jack C., and Kidd. 2,827,836.
- Mercury International Research Co.: See—
Doud, Forrest B. 2,840,214.
Gray, Walter R. 2,854,116.
- Mercury Printing Co.: See—
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- Merewod, George C., K. V. W. Berris, and F. E. S. Smedley, to B. Bercovit, and Rolls-Royce Ltd. Compressed air-driven turbines. 2,825,493, 3-4-58, Cl. 22—334.
- Meredith, Frederick W., and A. M. A. Majendie, to Smiths America Corp. Navigational instruments. 2,863,142, 12-2-58, Cl. 343—107.
- Meredith, Henry H., Jr., to Jersey Production Research Co. Reducing stress caused by thermal expansion of well pipe. 2,853,282, 9-23-58, Cl. 262—3.
- Meredith, James W., and A. T. Rogers, to Huntington Heberlein and Co. Ltd. Cooling of sintered and other solid materials of industrial processes. 2,862,308, 12-2-58, Cl. 34—236.
- Meredith Publishing Co.: See—
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- Meredith, Robert J., to Pines Engineering Co., Inc. Indexing and stroke control mechanisms for reciprocating devices. 2,837,928, 6-10-58, Cl. 74—152.
- Merens, Harry A., and G. G. Fornes, to Institute of Textile Technology. Gripping means for fabric test specimens. 2,850,895, 9-9-58, Cl. 73—103.
- Mergen, Anne B.: See—
Brumby, Augusta K., and Mergen. 2,856,113.
- Mergen, Frederick E., to General Electric Co. Adjustable heating units for electric range ovens. 2,848,592, 8-19-58, Cl. 219—35.
- Mergen, Joseph M.: See—
Tiedeman, Robert K., and Mergen. 2,827,994.
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- Mergen, Joseph M., to Curtiss-Wright Corp. Magnetic actuators. 2,861,225, 11-18-58, Cl. 317—189.
- Mergens, George W., to Technicolor New York Corp. Contact printer. 2,864,291, 12-16-58, Cl. 95—73.
- Mergenthaler Linotype Co.: See—
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- Merget, Karl K. Mechanical boring bar. 2,826,102, 3-11-58, Cl. 77—58.
- Merhaut, Harry G., to Cincinnati Milling Machine Co. Spar milling machine. 2,862,421, 12-2-58, Cl. 90—13.
- Meriam, Charles. Liquid flow recorder. 2,859,956, 11-11-58, Cl. 265—8.
- Merian, Ernest: See—
Nicolaus, Bruno J. R., and Merian. 2,864,816.
- Merian, Ernest, B. J. R. Nicolaus, and W. Wehrli, to Saul & Co., nominee, Fidelity Union Trust Co., executive trustee under Sandoz Trust. Water-insoluble monoazo dyestuffs. 2,831,850, 4-22-58, Cl. 260—207.
- Merian, Ernest, B. J. R. Nicolaus, and O. Senn, to Sandoz A. G. New water-insoluble styryl dyestuffs. 2,850,520, 9-2-58, Cl. 260—465.
- Merian, Ernst, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Monoazo dyestuffs. 2,830,043, 4-8-58, Cl. 260—207.5.
- Merian, Ernst, to Saul & Co., as nominee of Fidelity Union Trust Co., Executive Trustee under Sandoz Trust. 1-amino-2-nitrobenzene-4-sulfonic acid amides. 2,866,678, 12-30-58, Cl. 8—57.
- Merit Co., The: See—
Christian, Joseph A. 2,830,355.
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- Merit Engineering, Inc.: See—
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- Meriwether, Henry T., Jr.: See—
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- Merk, George S. Handbag frame and element thereof. 2,861,616, 11-25-58, Cl. 150—29.
- Merk, Gerhard: See—
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- Merkel, Robert J.: See—
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- Merker, Dwight R., to Swift & Co. Non-selective hydrogenation of fats and oils. 2,862,941, 12-2-58, Cl. 260—409.
- Merker, Leon: See—
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- Merker, Leon, to National Lead Co. Metal titanate composition. 2,860,998, 11-18-58, Cl. 106—42.
- Merker, Robert L., to Dow Corning Corp. Process for the preparation of organosilicon compounds. 2,833,802, 5-6-58, Cl. 260—448.2.
- Merker, Robert L., to Dow-Corning Corp. Pentachlorobenzenethiolmethyl substituted organosiloxanes. 2,863,898, 12-9-58, Cl. 260—448.2.
- Merkle, Ralph H.: See—
Key, Cleo H., Merkle, and Richey. 2,849,074.
- Merkley, Hilbert J., to Gadget-of-the-Month Club, Inc. Selectively operable fountain. 2,822,958, 2-11-58, Cl. 222—205.
- Merkner, Albert H., and C. L. Gutowski, to H. J. Heinz Co. Article packing apparatus. 2,842,912, 7-15-58, Cl. 53—61.
- Merkur, Irving I. Film cutting apparatus. 2,833,350, 5-6-58, Cl. 164—73.
- Merl, Bernie. Skirt convertible into a jacket and vice versa. 2,825,905, 3-11-58, Cl. 2—211.
- Merlino, Joseph. Ceiling construction. 2,854,706, 10-7-58, Cl. 20—4.
- Merlite Industries, Inc.: See—
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- Merlub-Sobel, Menahem, to Horizons Inc. Production of KH_2PO_4 , NaCl and sodium phosphates. 2,824,785, 2-25-58, Cl. 23—107.
- Merlub-Sobel, Menahem, to Horizons Inc. Manufacture of KH_2PO_4 . 2,824,786, 2-25-58, Cl. 23—107.
- Mermelstein, Morris. Paint mixing device. 2,846,201, 8-5-58, Cl. 259—72.
- Mernitz, Richard J.: See—
Calbeck, John H., Klimper, and Mernitz. 2,821,470.
- Mero, Ralph M., to Continental Can Co., Inc. Overload control cam insert. 2,860,592, 11-18-58, Cl. 113—1.
- Merory, Joseph, to Shulton, Inc. Fruit flavors, products and methods. 2,865,756, 12-23-58, Cl. 99—78.
- Merrell, Wm. S., Co., The: See—
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- Merriam, Robert W. Tuned circuit automatically adjustable to resonance by current flow through bi-metallic elements. 2,860,249, 11-11-58, Cl. 250—40.
- Merrick, Richard H., to Carrier Corp. Defrost control for refrigeration systems. 2,847,833, 8-19-58, Cl. 62—155.
- Merrick, Richard H., and E. P. Palmatier, to Carrier Corp. Control system for an absorption refrigeration machine. 2,850,266, 9-2-58, Cl. 257—3.
- Merrifield, Paul E., to Armstrong Cork Co. Fibrous products. 2,822,298, 2-4-58, Cl. 117—140.
- Merrill, Albert D., to Chemipulp Process, Inc. Method and apparatus for digesting fibrous material. 2,823,118, 2-11-58, Cl. 92—11.
- Merrill Brothers: See—
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- Merrill, Leslie C., to United States of America, Atomic Energy Commission. Magnetic recording head. 2,839,614, 6-17-58, Cl. 179—100.2.
- Merrill, Leslie C., to United States of America, Atomic Energy Commission. Gating circuits. 2,856,526, 10-14-58, Cl. 250—27.
- Merrill, Leslie C., to International Telephone and Telegraph Corp. Voltage comparators. 2,858,438, 10-28-58, Cl. 250—36.
- Merrill, Paterson D., to M. B. Skinner Co. Sectional gasket ring for bell joint clamp. 2,842,383, 7-8-58, Cl. 285—413.
- Merrill, Richard D., to Union Wadding Co. Decorative roping and method of making. 2,851,849, 9-16-58, Cl. 57—139.
- Merrill, Robert A.: See—
Weigold, Harold, Merrill, and Andreini. 2,824,336.
- Merrill, Stewart H., C. C. Unruh, and E. M. Robertson, to Eastman Kodak Co. Polymeric light-sensitive photographic elements. 2,831,768, 4-22-58, Cl. 96—115.
- Merrill, Stewart H., and D. A. Smith, to Eastman Kodak Co. 3- and 4-(α -cyanocinnamido) phthalates of hydroxyl-containing polymers. 2,861,057, 11-18-58, Cl. 260—78.4.
- Merrill, William W., Jr.: See—
Messinger, Bernard L., and Merrill. 2,851,254.
- Merriman Bros., Inc.: See—
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- Merriman, Horace B., and R. D. Sansum, to Gerrard Industries Ltd. Transmission for packaging machines. 2,864,267, 12-16-58, Cl. 74—805.
- Merriott, John W.: See—
Roth, Arthur C., Merriott, and Applegate. 2,820,238.
- Merritt, A. Jay: See—
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- Merritt, Glenn W., to The Nolan Co. Removable rail-mounted car stop. 2,820,421, 1-21-58, Cl. 104—259.
- Merritt, Glenn W., to The Nolan Co. Trackway-mounted car bumper. 2,829,604, 4-8-58, Cl. 104—254.
- Merritt, Glenn W., to The Nolan Co. Fluid-actuated cam-moving apparatus. 2,847,945, 8-19-58, Cl. 104—162.
- Merritt, Glenn W., to The Nolan Co. Rotary fluid motor driven car-shifting apparatus. 2,862,688, 12-2-58, Cl. 253—97.
- Merritt, Oscar K. Amusement apparatus. 2,843,379, 7-15-58, Cl. 272—41.
- Merritt, Robert J., to O'Keefe & Merritt Co. Rotisserie for kitchen ranges. 2,854,918, 10-7-58, Cl. 99—337.

- Merritt, Thomas W., and C. A. Thomas, to Babson Bros. Co. Demountable milk receiver. 2,831,456, 4-22-58, Cl. 119—1401.
- Merrow Machine Co., The: *See*—
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Pierce, Bernard N. 2,851,975.
- Merrow Sales Corp.: *See*—
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- Mersch, Rudolf: *See*—
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- Mersch, Rudolf, and D. Delfs, to Farbenfabriken Bayer Akt. 1-(p-aminophenyl)-3-aminopyrazolines and process. 2,840,567, 6-24-58, Cl. 260—310.
- Mersek, Leo D., to The Ajax Mfg. Co. Wire gripping mechanism. 2,840,381, 6-24-58, Cl. 279—1.
- Mersereau, Emory P., Jr.: *See*—
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- Mersheimer, Hans, and P. Orth, to General Motors Corp. Convertible automobile top. 2,823,073, 2-11-58, Cl. 296—116.
- Mertel, Heinz, to Siemens & Halske Aktiengesellschaft. Apparatus for controlling the operation of directional switches in signaling systems. 2,823,265, 2-11-58, Cl. 179—18.
- Merten, Eugen, to Shell Development Co. Photographic printing apparatus for seismic and other records. 2,821,892, 2-4-58, Cl. 95—73.
- Mertens, Edward W., to California Research Corp. Quick-breaking bituminous emulsions having increased adhesion to mineral aggregate. 2,862,831, 12-2-58, Cl. 106—27.
- Mertens, Edward W., and P. E. McCoy, to California Research Corp. Quick-breaking bituminous emulsions. 2,862,830, 12-2-58, Cl. 106—277.
- Mertens, Hans J.: *See*—
Dietrich, Wilhelm, Wetter, and Mertens. 2,843,546.
- Mertens, William A. Spark intensifier. 2,847,612, 8-12-58, Cl. 315—36.
- Merton, Percy. Fish chum disperser. 2,844,907, 7-29-58, Cl. 43—44.99.
- Merton, Thomas R., to National Research Development Corp. Optical measuring systems. 2,832,259, 4-29-58, Cl. 88—14.
- Mertz, Clyde W., to Phillips Petroleum Co. Stabilization of vinyl pyridines. 2,842,551, 7-8-58, Cl. 260—290.
- Mertz, Clyde W., to Phillips Petroleum Co. Indicating and/or control system and method. 2,844,568, 7-22-58, Cl. 260—83.7.
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- Mervyn, Charles R., R. Listak, and H. E. Kaden, to Newart Mfg. Co. Automatic rack un-loader and loader for plating machines. 2,840,219, 6-24-58, Cl. 198—20.
- Meryman, Harold T., to Canal Industrial Corp. Electron microscope focusing system. 2,856,534, 10-14-58, Cl. 250—49.5.
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- Merz, Kenneth A., and S. W. Klonoski, to The Torrington Mfg. Co. Rotary fan with slinger elements. 2,825,540, 3-4-58, Cl. 261—24.
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- Mesberg, Philip. Aerosol valve. 2,837,249, 6-3-58, Cl. 222—394.
- Mesberg, Philip. Insulated tumbler. 2,863,585, 12-9-58, Cl. 220—15.
- Meshorer, Herman S. Method of and means for repointing worn teeth. 2,837,843, 6-10-58, Cl. 37—142.
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- Mesler, Robert J., Jr.: *See*—
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- Messenger, Joseph U., to Socony Mobil Oil Co., Inc. Time setting clay cement and method of correcting lost circulation. 2,861,636, 11-25-58, Cl. 166—29.
- Messenger, Joseph U., W. R. Foster, S. A. Williams, Jr., and L. M. Hermes, Jr., said Messenger and said Foster assignors to Socony Mobil Oil Co., Inc. Treatment of wells. 2,863,509, 12-9-58, Cl. 166—29.
- Messer, Adolf, G. m. b. H.: *See*—
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- Messer, Carroll B., Sr., and D. E. Riddle. Sterilizing support for hypodermic needle containers. 2,833,007, 5-6-58, Cl. 21—83.
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- Messer, Ernest L. Tree remover attachments. 2,865,116, 12-23-58, Cl. 37—2.
- Messer, George H., to The Messer Co., Inc. Oil burner assembly including an oil preheater. 2,841,215, 7-1-58, Cl. 158—36.
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- Messeri, Sidney: *See*—
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- Messerschmidt, Sebastian. Magazines for lapping machines. 2,828,582, 4-1-58, Cl. 51—3.
- Messerschmidt, Sebastian. Grinding machines. 2,849,842, 9-2-58, Cl. 51—105.
- Messick, Kirwan Y. Means for removing underground street railways and their appurtenant structures. 2,865,601, 12-23-58, Cl. 254—90.
- Messimer, Ward N. Means for measuring the diameter of journals of railway car axles. 2,849,798, 9-2-58, Cl. 33—148.
- Messina, Anthony, to Messina, Inc. Needle holder. 2,831,572, 4-22-58, Cl. 206—66.
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- Messina, Leon A. Method of preparing a metal sheet with canvas textured surface. 2,840,487, 6-24-58, Cl. 117—10.
- Messing, Hjalmar S., to American Defibrator, Inc. Steam nozzle for pulp producing apparatus. 2,858,973, 11-4-58, Cl. 230—92.
- Messing, Joseph A.: *See*—
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- Messinger, Bernard L., and W. W. Merrill, Jr., to Lockheed Aircraft Corp. High altitude cabin pressurization and air conditioning system. 2,851,254, 9-9-58, Cl. 257—3.
- Messinger, Emanuel. Method and product of water writing and marking. 2,826,511, 3-11-58, Cl. 117—69.
- Messinger, Lester H., and W. L. Patton, to E. I. du Pont de Nemours & Co. Plunger reactor. 2,828,111, 3-25-58, Cl. 259—4.
- Messinger, William, deceased; The First National Bank of Philadelphia, administrator c. t. a. of said W. Messinger, to Pettirone Mulliken Corp. Cone crushing mechanism. 2,829,842, 4-8-58, Cl. 241—208.
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- Messner, Daryle, to Hoffman Electronics Corp. Protective cover for the neck of a television picture tube or the like. 2,866,188, 12-23-58, Cl. 340—367.
- Messner, William A.: *See*—
Gibbons, Walter G., Jones, Messner, and Weiss. 2,824,042.
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- Mester, Joseph H. Ejector for removing strips laterally from a table. 2,865,485, 12-23-58, Cl. 193—39.
- Mestre, Luis, to Lewfor Development Corp. Interrup'er for rotary offset printing machine. 2,821,911, 2-4-58, Cl. 101—144.
- Mestre, Luis, to Lewfor Development Corp. Two-color offset printing press. 2,845,860, 8-5-58, Cl. 101—177.
- Mestre, Luis, to Lewfor Development Corp. Sheet feeder for printing press. 2,846,220, 8-5-58, Cl. 271—31.

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- Metal Container Corp.: *See*—
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- Metal Diffusions, Inc.: *See*—
Samuel, George A. 2,825,658.
Samuel, George A. 2,836,513.
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- Metal Mouldings Corp.: *See*—
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Coffee, William W. 2,838,407.
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- Metal Specialty Co., The: *See*—
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Gloskey, Carl R. 2,826,561.
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Tinnon, Edwin M., and Simmons. 2,822,325.
Weinberg, Elliott L. 2,855,417.
Weinberg, Elliott L. 2,857,413.
Weinberg, Elliott L., and Johnson. 2,832,750.
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Horovitz, Marcus. 2,822,676.
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- Metal Craft Co., Inc., The: *See*—
Nordell, Edwin A., Kathe, and Thyreen. 2,819,678.
- Metalcraft Mfg. & Sales Corp.: *See*—
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- Metalcraft Products Co.: *See*—
Nowell, Richard A., and Ikenberry. 2,818,583.
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- Metallgesellschaft Aktiengesellschaft: *See*—
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Herbert, Wilhelm, Kohrt, Becker, and Danulat. 2,863,527.
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Meyer, Kurt, and Rausch. 2,858,204.
Motz, Jorgen, Kuchler, Figge, Kaess, and Muhlberger. 2,837,422.
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Moksu, Walter H. 2,820,870.
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Rusciano, Frank A. 2,844,365.
Rusciano, Frank A. 2,845,260.
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Cardin, Wilfred W., and Epstein. 2,863,965.
Epstein, Henry D. 2,839,637.
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- Metals & Controls Corp.: *See*—Continued
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Epstein, Henry D. 2,866,039.
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Pdumm, Heinz R., and Rogers. 2,834,102.
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- Metals Disintegrating Co., Inc.: *See*—
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Knoll, Alexander F., and Hurd. 2,858,230.
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- Metcalf, Herbert E., to United States of America, Atomic Energy Commission. Neutronic reactor control. 2,856,336, 10-14-58, Cl. 204-154.2.
- Metcalf, Irvin R., to Dunbar Kapple, Inc. Power steering devices. 2,826,257, 3-11-58, Cl. 180-79.2.
- Metcalf, J. E.: *See*—
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- Metcalfe, Gordon S. Hydraulic engine oil aspirator. 2,840,123, 6-24-58, Cl. 141-285.
- Metcalfe, Thomas L., to Rolls-Royce Ltd. Aircraft with jet propulsion engine and gun firing means. 2,822,732, 2-11-58, Cl. 89-133.
- Metevia, William P., to The L. S. Starrett Co. Micrometer nut and binder ring assembly. 2,835,979, 5-27-58, Cl. 33-164.
- Metheny, Donald E.: *See*—
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- Metheny, Donald E., and P. Talmey, to General American Transportation Corp. Processes of chemical nickel plating. 2,819,188, 1-7-58, Cl. 117-130.
- Metivier, Jean: *See*—
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- Metivier, Jean, and R. Boesch, to Societe des Usines Chimiques Rhone-Poulenc. Ethers and thioethers of kojic acid and preparation thereof. 2,865,930, 12-23-58, Cl. 260-345.9.
- Metoff, Boris G., to Rotex Co. Electric sanders. 2,848,850, 8-26-58, Cl. 51-170.
- Met-Pro, Inc.: *See*—
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- Metral, Charles, and A. Richard, to Societe Emerjy. Circulator. 2,846,951, 8-12-58, Cl. 103-87.
- Metropolitan-Vickers Electrical Co. Ltd.: *See*—
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- Mettetal, Donald, Jr. Bucket cleaners for end-loading excavators. 2,858,035, 10-28-58, Cl. 214-510.
- Metz, Anthony J.: *See*—
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- Metz, Anthony J., to Bettendorf Bakery Equipment Co. Slicer blades. 2,827,091, 3-18-58, Cl. 146-88.
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- Metz, John R. Means for maintaining a cast coating cylinder in a clean and polished condition. 2,826,827, 3-18-58, Cl. 34-85.
- Metz, Ralph H., to The Timken Roller Bearing Co. Protective device. 2,829,229, 4-1-58, Cl. 219-10.61.
- Metz, Samuel T., to Treo Co., Inc. Girdle. 2,824,564, 2-25-58, Cl. 128-533.
- Metz, W. H., Inc.: *See*—
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- Metzger, Emil: *See*—
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- Metzger, Frederick W., to Bell Telephone Laboratories, Inc. Electron discharge tube circuit. 2,853,694, 9-23-58, Cl. 340-147.
- Metzger, Henry L., to Fort Orange Paper Co. Collapsible dispensing container and blank for making same. 2,861,733, 11-25-58, Cl. 229-17.
- Metzger, Henry L., to Fort Orange Paper Co. Commodity wrapper and package. 2,843,259, 7-15-58, Cl. 206-47.
- Metzger, Leopold H., and V. J. Fantozzi, to Super-Cut, Inc. Rotary tool mounting and method of assembling the same. 2,822,648, 2-11-58, Cl. 51-168.
- Metzger, Melvin R. Valve-equipped container. 2,821,338, 1-28-58, Cl. 229-62.5.
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- Metzger, Romain, to Anglers' Mfg. Corp. Fish hook extractor. 2,828,574, 4-1-58, Cl. 43-53.5.

- Metzger, Sidney, to International Telephone and Telegraph Corp. Signal level coder. 2,832,827, 4-29-58, Cl. 178—43.5.
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- Metzger, William J., to National Malleable and Steel Castings Co. Car coupler. 2,825,473, 3-4-58, Cl. 213—77.
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- Metzger, Harvey F., and B. S. Clark. Stone mounting for pulp-wood grinder. 2,851,830, 9-16-58, Cl. 51—206.4.
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- Schneier, Robert F., and Metzinger. 2,865,974.
- Metzler, Charles L., and J. D. Wark, to Johnson & Johnson. Dispenser stacking device. 2,834,507, 5-13-58, Cl. 220—97.
- Metzner, Albert W., to The Standard Register Co. Strip feeding device. 2,822,167, 2-4-58, Cl. 271—2.3.
- Metzner, Albert W., to The Standard Register Co. Strip feeding device. 2,858,926, 11-4-58, Cl. 197—125.
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- Metzner, Albert W., to The Standard Register Co. Strip feeding mechanism. 2,864,484, 12-16-58, Cl. 197—133.
- Metzner, Albert W., and A. J. Kozul, to The Standard Register Co. Adjustable platen roll. 2,819,782, 1-14-58, Cl. 197—133.
- Metzner, Albert W., A. J. Kozul, and W. C. Boesch, to The Standard Register Co. Adjustable platen roll. 2,839,176, 6-17-58, Cl. 197—133.
- Metzner, Albert W., and J. T. Davidson, to The Standard Register Co. Platen roll. 2,858,927, 11-4-58, Cl. 197—144.
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- Meuli, Lloyd J., to The Dow Chemical Co. Agronomical practice for the protection of crops. 2,840,501, 6-24-58, Cl. 167—22.
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- Meurer, Siegfried, to Maschinenfabrik Augsburg-Nürnberg A. G. Injection system for Diesel-type engines. 2,837,067, 6-3-58, Cl. 123—32.
- Meurer, Siegfried, to Maschinenfabrik Augsburg-Nürnberg A. G. Cold engine starting device. 2,842,106, 7-8-58, Cl. 123—30.
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- Meurer, Siegfried, and J. Liebel, to Maschinenfabrik Augsburg-Nürnberg A. G. Internal combustion engine system. 2,855,907, 10-14-58, Cl. 123—32.
- Meusy, Eugene E., to Baso Inc. Electromagnetic control device. 2,850,031, 9-2-58, Cl. 137—66.
- Meuth, Hans O.: *See*—
- Doerr, Johannes, and Meuth. 2,820,426.
- Meves, Donald E., and W. D. Lawther, to American Steel Foundries. Method of making washed shell mold. 2,847,741, 8-19-58, Cl. 22—193.
- Meydam, Marvella M.: *See*—
- Shields, Ross. 2,855,969.
- Meyer, Adolph F. Valve system and apparatus for controlling fluid actuated servomotor. 2,823,647, 2-18-58, Cl. 121—38.
- Meyer, Albert, to The Baldwin Piano Co. Phase modulator. 2,845,598, 7-29-58, Cl. 332—23.
- Meyer, Alvin F.: *See*—
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- Meyer, Alvin L. Ditcher. 2,839,847, 6-24-58, Cl. 37—98.
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- Meyer, Andre J., Jr. Mounting arrangement for turbine or compressor blading. 2,819,869, 1-14-58, Cl. 253—77.
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- Meyer, Arthur A., to Warner Brake & Clutch Co. Positioning apparatus. 2,838,967, 6-17-58, Cl. 77—63.
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- Meyer, Barthold F., to General Motors Corp. Door ventilator latch. 2,837,362, 6-3-58, Cl. 292—207.
- Meyer, Carl L.: *See*—
- Stockdale, Jerry L., and Meyer. 2,832,511.
- Meyer, Carl L., and P. G. Andrus, to Haloid Xerox Inc. Crystalline selenium plate. 2,862,817, 12-2-58, Cl. 96—1.
- Meyer, Chris H.: *See*—
- Ballbach, Hubert, and Meyer. 2,824,324.
- Meyer & Co.: *See*—
- Maag, Albert. 2,827,344.
- Meyer, Daniel A., to The Dayton Rubber Co. Textile working units. 2,863,175, 12-9-58, Cl. 19—143.
- Meyer, Dorothy G.: *See*—
- Turcotte, Dorothy G. 2,829,393.
- Meyer, Earl A., and M. J. Bina, to Bjorksten Research Laboratories, Inc. Controlling device for valve. 2,831,648, 4-22-58, Cl. 251—81.
- Meyer, Edward P. Motor reversing circuits. 2,863,109, 12-2-58, Cl. 318—207.
- Meyer, Edwin W.: *See*—
- Julian, Percy L., Meyer, Waller, and Karpel. 2,820,030.
- Meyer, Edwin W., and J. G. Klein, to The Glidden Co. Stabilized unsaturated polyester composition containing an amidine salt and process of making same. 2,846,411, 8-5-58, Cl. 260—45.4.
- Meyer, Edwin W., and S. J. Circle, to The Glidden Co. Acylated, isolated, partially-hydrolyzed, soya protein and process. 2,862,918, 12-2-58, Cl. 260—123.5.
- Meyer, Engelbert A., to General Motors Corp. Retaining means for door trim panel. 2,838,458, 5-27-58, Cl. 296—44.
- Meyer, Engelbert A., to General Motors Corp. Rod end retaining clip. 2,856,217, 10-14-58, Cl. 287—93.
- Meyer, Ernest W. Counting of particles. 2,847,162, 8-12-58, Cl. 235—92.
- Meyer, Ferdinand: *See*—
- Ritter, Wolfgang, Meyer, and Demmler. 2,861,971.
- Meyer, Ferdinand C., to Monsanto Chemical Co. Polyhydroxy alcohol esters of sulfamylcarbanilic acid. 2,827,470, 3-18-58, Cl. 260—397.7.
- Meyer, Friedrich, to Felsa S. A. Idle wheel bearing. 2,826,086, 3-11-58, Cl. 74—421.
- Meyer, Franklin, Jr., to The Taft-Peirce Mfg. Co. Multiple indicator assembly. 2,854,943, 10-7-58, Cl. 116—114.
- Meyer, F., & Schwabedissen: *See*—
- Frödermann, Wilhelm. 2,822,839.
- Meyer, Fred, Inc.: *See*—
- Oyala, William J. 2,858,066.
- Meyer, Gene: *See*—
- Smith, William A., Mattson, and Meyer. 2,836,297.
- Smith, William A., Mattson, Meyer, and Baxter. 2,846,068.
- Meyer, George H., to Boeing Airplane Co. Electric terminal assembly. 2,825,041, 2-25-58, Cl. 339—198.
- Meyer, Geo. J., Mfg. Co.: *See*—
- Carter, Sidney T. 2,825,442.
- Carter, Sidney T. 2,843,986.
- Carter, Sidney T. 2,850,091.
- Carter, Sidney T. 2,866,534.
- Meyer, George L. N. 2,863,579.
- Norin, Allan A. 2,853,179.
- Sommers, Walter J. 2,847,043.
- Meyer, George L. N., to Geo. J. Meyer Mfg. Co. Case unloader with bottle rejecting head. 2,863,579, 12-9-58, Cl. 214—309.
- Meyer, Gilbert, and L. C. Bain. Stockholders. 2,833,248, 5-6-58, Cl. 119—98.
- Meyer, Gustav, H. Gros, and F. Kopf, to Maybach-Motorenbau G. m. b. H. Apparatus for controlling the pressure fluid actuating a reversible power transmission. 2,842,975, 7-15-58, Cl. 74—361.
- Meyer, Hans: *See*—
- Lorscheidt, Manfred K., and Meyer. 2,833,258.
- Meyer, Hans. Internal measuring instruments. 2,822,622, 2-11-58, Cl. 23—178.
- Meyer, Hans. Removable tabs or labels for marking textile articles. 2,828,776, 4-1-58, Cl. 139—420.
- Meyer, Harry A.: *See*—
- Alzman, James D., and Meyer. 2,821,873.
- Meyer, Howard. Wastebasket. 2,849,177, 8-26-58, Cl. 232—43.1.
- Meyer-Jagenberg, Günther, to Jagenberg-Werke Akt.-Ges. Apparatus for transforming container blanks into conical container bodies about a forming mandrel and an improved forming mandrel therefor. 2,827,837, 3-25-58, Cl. 93—36.1.
- Meyer-Jagenberg, Günther, to Jagenberg-Werke Akt.-Ges. Container made of paper, cardboard or the like. 2,847,151, 8-12-58, Cl. 229—7.
- Meyer, Joseph E., to The Cottrell Co. Ink distributions for rotary printing presses. 2,834,290, 5-13-58, Cl. 101—350.
- Meyer, Kurt: *See*—
- Rausch, Hans, and Meyer. 2,819,539.
- Meyer, Kurt, to Metallgesellschaft Akt. Apparatus and process for granulating material. 2,836,846, 6-3-58, Cl. 18—1.

- Meyer, Kurt, and H. Rausch, to Metallgesellschaft Akt. Sintering. 2,856,204, 10-28-58, Cl. 75-5.
- Meyer, Lester L. Attachment for drill. 2,827,807, 3-25-58, Cl. 77-14.
- Meyer, Lester W. A., and M. H. Broyles, to Eastman Kodak Co. Cellulose organic acid ester plastics containing N-benzoyl *p*-hydroxy anilide. 2,831,777, 4-22-58, Cl. 106-186.
- Meyer, Lester W. A., and M. H. Broyles, to Eastman Kodak Co. Cellulose organic acid ester plastics containing hydroquinone monosulphate. 2,839,418, 6-17-58, Cl. 106-182.
- Meyer, Maurice A.: See—
- Awot, Adolph W., Gordon, and Meyer. 2,866,183.
- Meyer, Oyal C. Orchard cultivator. 2,843,033, 7-15-58, Cl. 97-40.
- Meyer, Otto. Pressure fluid operated blowout preventor. 2,843,349, 7-15-58, Cl. 251-2.
- Meyer, Otto C. Lawn conditioning fork. 2,852,996, 9-23-58, Cl. 97-61.
- Meyer, Owen A., and S. J. Andreasen. Rotary pumps. 2,833,224, 5-6-58, Cl. 103-126.
- Meyer, Paul E.: See—
- Harshbarger, Lynn B., and Meyer. 2,833,503.
- Meyer, Paul H., to U. S. Slicing Machine Co., Inc. Slicing machine slicer, stacker and weigher. 2,834,388, 5-13-58, Cl. 146-94.
- Meyer, Peter. Pressure contact control for cam cutting machines. 2,844,074, 7-22-58, Cl. 90-13.4.
- Meyer, Pierre-Francois A.: See—
- Schmidt, Jacques, and Meyer. 2,841,529.
- Meyer, Ralph L., and S. Pakswier, to The Rauland Corp. Method of manufacture for electric discharge devices. 2,844,433, 7-22-58, Cl. 316-22.
- Meyer, Robert E.: See—
- Tyler, John M., and Meyer. 2,845,775.
- Meyer, Robert E., to United Aircraft Corp. Repeating cycle igniter control. 2,829,489, 4-8-58, Cl. 60-35.6.
- Meyer, Robert H.: See—
- Barnard, Robert D., and Meyer. 2,852,567.
- Meyer, Roger, to J. Leclabar. Hair dyeing apparatus. 2,819,723, 1-14-58, Cl. 132-116.
- Meyer, Vernon H., to United Shoe Machinery Corp. Last positioning means. 2,819,477, 1-14-58, Cl. 12-12.4.
- Meyer, Walter, to Standard Oil Products Co. Inc. Frequency selector. 2,859,348, 11-4-58, Cl. 250-40.
- Meyer-Wenthe, Inc.: See—
- Priesmeyer, Charles. 2,836,911.
- Meyer, William G.: See—
- Edwards, Andrew W., and Meyer. 2,836,768.
- Meyer, William G., H. C. Fischer, and E. J. Hahner, to Steel Slides, Inc. Non-sag extension arm. 2,865,684, 12-23-58, Cl. 308-3.6.
- Meyer, William, and R. Slawinski, to Wheaton Brass Works. Swing pipe joint, with gasket holder to permit release of gasket for repair. 2,833,566, 5-6-58, Cl. 285-18.
- Meyercord Co., The: See—
- Brownlee, Kenneth H. Re. 24,516.
- Ingersoll, Homer B. 2,850,969.
- Poschel, Alfred B. 2,833,193.
- Meyercord, Fritz, to L. Schuler, A. G. Safety stops for power presses and like machines. 2,827,143, 3-18-58, Cl. 192-150.
- Meyerer, Paul: See—
- Veith, Werner, and Meyerer. 2,844,750.
- Meyerhoefer, Carl E., to Lewyt Corp. Support for vacuum cleaner accessories. 2,825,087, 3-4-58, Cl. 15-323.
- Meyerhoefer, Carl E., to Lewyt Corp. Filter bag. 2,848,062, 8-19-58, Cl. 183-51.
- Meyerhoefer, Carl E., to Lewyt Corp. Filter bag. 2,848,063, 8-19-58, Cl. 183-51.
- Meyerhoefer, Carl E., to Lewyt Corp. Vacuum cleaner and attachment therefor. 2,857,613, 10-28-58, Cl. 15-328.
- Meyerhoefer, Carl E., to Lewyt Corp. Vacuum cleaner assembly and carrying unit. 2,862,223, 12-2-58, Cl. 15-323.
- Meyerhoff, Albert J.: See—
- Disson, Stanley B., and Meyerhoff. 2,832,065.
- Meyerhoff, Albert J., to Burroughs Corp. Balanced logical magnetic circuits. 2,861,259, 11-18-58, Cl. 340-174.
- Meyers, Cornelius W. Heating element. 2,834,862, 5-13-58, Cl. 219-34.
- Meyers, Donald L., and W. T. Nohelty, to United States of America. Army. Automatic rocket launcher. 2,856,819, 10-21-58, Cl. 89-1.7.
- Meyers, George L., J. C. Shutt, and J. E. Schriener, to The Eagle-Picher Co. Flexible tubing. 2,825,365, 3-4-58, Cl. 138-56.
- Meyers, Gustave R., and E. G. Gentry, to Esso Research and Engineering Co. Shell molds and cores from precoated fluid coke. 2,830,342, 4-15-58, Cl. 22-193.
- Meyers, Gustave R., and E. G. Gentry, to Esso Research and Engineering Co. Carbonaceous molding material for foundry operations. 2,830,913, 4-15-58, Cl. 106-38.9.
- Meyers, Harold S., to Waldorf Paper Products Co. Paper board locks. 2,821,761, 2-4-58, Cl. 24-73.
- Meyers, Henry F. Physical exercising apparatus. 2,827,894, 3-25-58, Cl. 128-25.
- Meyers, Hugh L., to Sun Oil Co. Preventing loss of color on aging by treating with alcohol and alkali. 2,846,359, 8-5-58, Cl. 196-41.
- Meyers, James E.: See—
- Kirby, Woodrow P., and Meyers. 2,866,198.
- Meyers, Ralph F., and L. O. Reichelt, to Western Electric Co., Inc. Apparatus for brazing parts together. 2,851,582, 9-9-58, Cl. 219-85.
- Meyers, Roy J. Merry-go-round. 2,835,491, 5-20-58, Cl. 272-30.
- Meyers, Sidney J.: See—
- Luchese, Jack. 2,853,389.
- Meyers, Stanley T., to Bell Telephone Laboratories, Inc. Impedance measuring. 2,820,195, 1-14-58, Cl. 324-57.
- Meyerson, Leonard A. Adjustable heat sealing envelope forming device. 2,849,050, 8-26-58, Cl. 154-42.
- Meyerson, Norman L.: See—
- Nobies, Daniel, and Meyerson. 2,840,180.
- Meylan, Bernard, to Victor Meylan & Fils, and J. P. de Trey. Pressure-actuated oiler with capillary tube. 2,821,330, 1-28-58, Cl. 222-207.
- Meylan, Victor, & Fils: See—
- Meylan, Bernard. 2,821,330.
- Meyrick, Thomas J., E. G. Parry, and J. T. Watts, to Imperial Chemical Industries Ltd. Adhesives. 2,826,526, 3-11-58, Cl. 154-139.
- Meyronneine, Juliette: See—
- Rebichon, Juliette. 2,862,527.
- Meystre, Charles: See—
- Wettstein, Albert, Meystre, and Billeter. 2,839,528.
- Wettstein, Albert, Vischer, and Meystre. 2,844,513.
- Wettstein, Albert, Anner, Ehmann, Billeter, and Meystre. 2,854,465.
- Meythaler, Robert J. Educational table. 2,846,783, 8-12-58, Cl. 35-60.
- Mezger, Eduard. Hydraulic crane device for handling molding box parts. 2,855,109, 10-7-58, Cl. 212-34.
- Mezzack, Joseph: See—
- Cronin, Edward F., Mezzack, and Harrington. 2,859,724.
- Micafil A.-G.: See—
- Blumentritt, Werner. 2,865,574.
- Micander, Herald J. Lifting device for jack looms. 2,823,705, 2-18-58, Cl. 139-30.
- Mich, Louis A. Spring actuated rolling door. 2,855,035, 10-7-58, Cl. 160-23.
- Michael, Louis S., to United States of America, Army. Segmented rotating band for artillery projectiles. 2,856,856, 10-21-58, Cl. 102-93.
- Michael, Malden W.: See—
- Ashley, Kenneth D., and Michael. 2,846,305.
- Ashley, Kenneth D., and Michael. 2,863,760.
- Michael, Paul L., J. Borsh, and J. P. Strange, to Mine Safety Appliances Co. Ear plug. 2,824,558, 2-25-58, Cl. 128-152.
- Michaels Art Bronze Co., Inc., The: See—
- Eames, James O., and Taylor. 2,831,557.
- Michaels, Frank L. 2,833,522.
- Michaels, Frank L., to The Michaels Art Bronze Co. Railing mounting and fastener therefor. 2,833,522, 5-6-58, Cl. 256-65.
- Michalke, Max, to Easton Metal Powder Co. Inc. Method for the production of iron from steel scrap. 2,861,879, 11-25-58, Cl. 75-5.
- Michalko, Ignatius: See—
- Dieter, Norman H., Jr., and Michalko. 2,849,239.
- Michalski, Edward M., to Combustion Engineering, Inc. Gas burner. 2,823,739, 2-18-58, Cl. 158-109.
- Michatek, Stephen F., to Eastman Kodak Co. Reel mounting mechanism. 2,831,642, 4-22-58, Cl. 242-68.3.
- Michaud, Abner. Multiple patty forming machine. 2,820,247, 1-21-58, Cl. 17-32.
- Michaud, Clarence L., to Celanese Corp. of America. Amino-aldehyde resins. 2,851,442, 9-9-58, Cl. 260-70.
- Michaud, James A., to Continental Can Co., Inc. Wrapping machine. 2,831,304, 4-22-58, Cl. 53-211.
- Michel, Edward L.: See—
- Bloom, Aaron, and Michel. 2,837,090.
- Michel, Karl: See—
- Matter, Max, Kobler, Kuhn, and Michel. 2,857,418.
- Michel, Laurent P.: See—
- Beattie, Robert D., Michel, and Stokes. 2,843,458.
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- Michel, Laurent P., and T. H. Goodgame, to Godfrey L. Cabot, Inc. Process for production of mixed metal oxides. 2,847,316, 8-12-58, Cl. 106-288.
- Michel, Raymond E., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,833,875, 5-6-58, Cl. 200-46.
- Michel, Rist: See—
- Maurice, Jean, and Michel. 2,842,008.
- Michel, Rudolph H., to E. I. du Pont de Nemours and Co. Thermoplastic polymeric films. 2,829,069, 4-1-58, Cl. 117-76.
- Michel, Rudolph H., to E. I. du Pont de Nemours and Co. Linear copolyesters and process. 2,865,891, 12-23-58, Cl. 260-75.
- Michelet, Charles J., J. E. Caveney, and M. D. Robinson, to Acme Steel Co. Indexing device for metal strip. 2,849,066, 8-26-58, Cl. 164-48.
- Michels, Lawrence S., to Gilfillan Bros. Inc. Cursor generator with a height finding adaptation. 2,823,374, 2-11-58, Cl. 343-11.
- Michelson, Christian E., and W. N. Carson, Jr., to United States of America, Atomic Energy Commission. Sampling device for pH measurement in process streams. 2,859,164, 11-4-58, Cl. 204-195.
- Michelson, Edwin R. Shoulder firearm having separate projectile and powder magazines. 2,841,906, 7-8-58, Cl. 42-17.

- Michelson, Leonard, to R. J. Strassenburgh Co. Alkoxy derivatives of 3:5-dioxo-pyrazolidine and process for their manufacture. 2,864,824. 12-16-58. Cl. 260-310.
- Michelson, Louis. High speed electronic scanner. 2,863,139. 12-2-58. Cl. 340-183.
- Michelson, Max: *See*—
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- Michie, John S., to Robbins & Myers, Inc. Helical gear pump with bellows stator. 2,826,152. 3-11-58. Cl. 103-118.
- Michie, John S., to The Reliance Electric and Engineering Co. Multiple belt, variable-speed transmission with differentially associated pulleys. 2,831,358. 4-22-58. Cl. 74-230.17.
- Michie, John S. Flow measuring and signalling mechanism. 2,866,331. 12-30-58. Cl. 73-113.
- Michielsen, Antonius W. M.: *See*—
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- Michigan Chemical Corp.: *See*—
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- Michigan Foundry Supply Co.: *See*—
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- Michigan Magnetics, Inc.: *See*—
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- Michigan Tool Co.: *See*—
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- Michle-Goss-Dexter, Inc.: *See*—
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- Michlein, Carl P., to The Shelton Tack Co. Means permitting limited retrograde movement of strip stock on retraction of feed means. 2,824,316. 2-25-58. Cl. 10-178.
- Michler, Lebbens G. Handle for an outboard motor. 2,826,931. 3-18-58. Cl. 71-484.
- Michlin, Hyman A. Electroluminescent light means. Re. 2,454,0. 9-23-58. Cl. 313-108.
- Michlin, Hyman A. Method and means for optically reducing the perceptibility of discrete component color elements of a color image. 2,837,676. 6-3-58. Cl. 313-92.
- Michlin, Hyman A. Voltage controlled emission from a phosphor screen. 2,847,602. 8-12-58. Cl. 313-108.
- Mickam, Elizabeth H. Doll eye and method of making. 2,845,749. 8-5-58. Cl. 46-165.
- Mickel, Henry. Apparatus and method for removing refuse. 2,852,313. 9-16-58. Cl. 302-14.
- Mickels, Dean A. Vehicle of the scooter type. 2,825,575. 3-4-58. Cl. 280-87.04.
- Mickelson, Cedric G., and G. A. Lillieqvist, deceased (by E. S. Lillieqvist, administratrix), to American Steel Foundries. Alloy steel and method of making. 2,861,908. 11-25-58. Cl. 148-31.
- Mickelson, J. J.: *See*—
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- Mickley, Elmer M.: *See*—
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- Micksch, Joseph E.: *See*—
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- Micro Balancing, Inc.: *See*—
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- Micro Machine Works, Inc.: *See*—
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- Micro Machinery Products, Inc.: *See*—
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- Micromatic Hone Corp.: *See*—
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- Micropoint, Inc.: *See*—
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- Mid-Century Corp.: *See*—
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- Mid-Continent Metal Products Co.: *See*—
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- Middendorf, William H., to Wadsworth Electric Mfg. Co., Inc. Circuit breaker. 2,844,689. 7-22-58. Cl. 200-116.
- Middendorf, William H., to The Wadsworth Electric Mfg. Co., Inc. Circuit breaker. 2,848,577. 8-19-58. Cl. 200-88.
- Middents, John R. Adjustable T-square head for mat cutters and similar devices. 2,835,037. 5-20-58. Cl. 33-76.
- Middlebrooks, Clarence E., Jr. Supercharger for internal combustion engine. 2,839,038. 6-17-58. Cl. 123-119.
- Middleton, Arthur E.: *See*—
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- Middleton, George W. Thermostatic control of water cooling system of motor vehicle. 2,833,478. 5-6-58. Cl. 236-34.
- Middleton, Paul F., to Arrow Safety Device Co. Speed signal for motor vehicles. 2,829,215. 4-1-58. Cl. 200-80.
- Middleton, Philip B., to Studebaker-Packard Corp. Ignition system for internal combustion engines. 2,840,623. 6-24-58. Cl. 123-148.
- Middleton, T. Blair: *See*—
Scott, Henry M. 2,834,032.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Fluoropropyl fluoride and polymers thereof. 2,831,835. 4-22-58. Cl. 260-78.4.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Acyclic, polynitrile-containing, unsaturated compounds and preparation thereof. 2,833,809. 5-6-58. Cl. 260-465.5.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Salts of 1,1,2,5,6,6-hexacyano-3,4-diazahexadiene. 2,836,606. 5-27-58. Cl. 260-391.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Monofluoroacetylene, polymers, and preparation. 2,857,366. 10-21-58. Cl. 260-92.1.
- Midgley, Calvin P. Testing unit providing a teaching aid for the demonstration of chemistry experiments to students. 2,845,722. 8-5-58. Cl. 35-18.
- Midgley, Eric L., to Westinghouse Electric Corp. Liquid feeding apparatus. 2,828,049. 3-25-58. Cl. 222-4.
- Midkiff, Omer K., to U. S. Industries, Inc. Removable telescoping sight glasses for conduits. 2,842,089. 7-8-58. Cl. 116-117.
- Midland Chemical Corp.: *See*—
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- Midland Mfg. Co., Inc.: *See*—
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- Midland-Ross Corp.: *See*—
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- Mid-States Aluminum Products Co.: *See*—
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- Mid-States Steel & Wire Co.: *See*—
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- Midtlyng, Carl R., to The Babcock & Wilcox Co. Fuel oil burner safety device. 2,838,104. 6-10-58. Cl. 158-73.
- Mid-West Abrasive Co.: *See*—
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- Midwest Folding Products Mfg. Corp.: *See*—
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- Midwest Mfg. Corp.: *See*—
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Aylor, Elmo E. 2,824,202.
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Reno, Hugh W., and Aylor. 2,824,204.
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- Midwest Rubber Reclaiming Co.: *See*—
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- Midwest Supply and Mfg. Co.: *See*—
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- Midwest Tool & Cutlery Co.: *See*—
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- Mid-West Tooling Service, Inc.: *See*—
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- Midwestern Instruments, Inc.: *See*—
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Morrow, Marvin E. and G. R. 2,852,744.
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- Miehle-Goss-Dexter, Inc.: *See*—
Crafts, Curtis S. 2,842,360.
Granger, Wallace H. 2,860,579.
Kaddeland, Christen R. 2,854,236.
Knell, Christopher V. 2,859,507.
Langan, John F. 2,859,550.
McArthur, Donald W. 2,861,370.
Stoothoff, Stanley T., and Williams. 2,850,279.
Wickland, Joseph R. 2,823,916.
Williams, Leo C. 2,819,074.
Williams, Leo C. 2,833,306.
- Miehle, William, to Burroughs Corp. Frequency doubling circuit. 2,858,525. 10-28-58. Cl. 340-174.
- Miekeley, Arthur: *See*—
Honold, Ernst, and Miekeley. 2,836,480.
- Mielke, Dorothy. Electrode assembly. 2,833,710. 5-6-58. Cl. 204-286.

- Mielke, Horst, to Telefunken G. m. b. H. Oscillator synchronization system. 2,856,529, 10-14-58, Cl. 250-36.
- Mielke, Robert F., and L. E. Redmond. Glide path indicating device for use in grounded training systems. 2,836,905, 6-3-58, Cl. 35-12.
- Mierendorf, Robert C.: *See—*
- Anger, Ernest G., Mierendorf, and Porter. 2,848,604.
- Mierendorf, Robert C., and C. W. Porter, to Square D Co. Welder control system. 2,844,709, 7-22-58, Cl. 219-114.
- Miers, Archie M., and W. Van Der Sluys, to Pullman-Standard Car Mfg. Co. Stabilizer for self-energized multiple-unit railroad car trains. 2,844,106, 7-22-58, Cl. 105-3.
- Miers, Archie M., and W. Van Der Sluys, to Pullman-Standard Car Mfg. Co. Self-energized multiple-unit railroad car train. 2,844,107, 7-22-58, Cl. 105-3.
- Miers, Richard E. P., to Pullman (Patent) Products Ltd. Apparatus for assembling spring upholstery units. 2,835,280, 5-20-58, Cl. 140-3.
- Miers, Richard E. P., to Pullman (Patent) Products Ltd. Production of spring interiors for mattresses and the like. 2,835,281, 5-20-58, Cl. 140-3.
- Miersch, Raymond E.: *See—*
- Henika, Richard G., Rodgers, and Miersch. 2,826,571.
- Miescher, Karl, A. Wettstein, and F. Kahnt, to Ciba Pharmaceutical Products, Inc. Process for the manufacture of 11-hydroxy steroid compounds. 2,824,044, 2-18-58, Cl. 195-51.
- Miescher, Karl, G. Anner, P. Wieland, and H. Ueberwasser, to Ciba Pharmaceutical Products, Inc. Tricyclic diketone and process of manufacture. 2,839,537, 6-17-58, Cl. 260-340.9.
- Miessler, Paul W., Sr., to The Hankins Container Co. Container for lamp bulbs or the like. 2,825,496, 3-4-58, Cl. 229-37.
- Miessner, Benjamin F., to Miessner Inventions, Inc. Mounting arrangement for vibratory reeds. 2,826,109, 3-11-58, Cl. 84-360.
- Miessner, Benjamin F., to Miessner Inventions, Inc. Sound reproducing device. 2,832,843, 4-29-58, Cl. 179-115.5.
- Miessner, Benjamin F., to Miessner Inventions, Inc. Tone generators for electronic musical instruments. 2,834,243, 5-13-58, Cl. 84-114.
- Miessner, Benjamin F., to Miessner Inventions Inc. Key action for musical instrument. 2,845,829, 8-5-58, Cl. 84-258.
- Miessner Inventions, Inc.: *See—*
- Miessner, Benjamin F. 2,826,109.
- Miessner, Benjamin F. 2,834,243.
- Miessner, Benjamin F. 2,845,829.
- Mighell, Russell L., to J. I. Case Co. Disc plow adjustable wheel. 2,852,267, 9-16-58, Cl. 280-44.
- Mighell, Russell L., to J. I. Case Co. Angle adjusting means for plows. 2,852,994, 9-23-58, Cl. 97-47.5.
- Mihail, Alexandre A. R. G.: *See—*
- Bertin, Jean H., and Mihail. 2,825,203.
- Mihalvi, Joseph, to Eastman Kodak Co. Magazine-loading flash holder. 2,835,787, 5-20-58, Cl. 240-13.
- Mihalvi, Joseph W., to United States of America as represented by the Secretary of the Army. Reticle adjustment mechanism. 2,823,457, 2-18-58, Cl. 33-50.
- Mihina, Joseph S., to G. D. Searle & Co. 3,19-dihydroxy-4-androsten-17-one. 2,819,276, 1-7-58, Cl. 260-397.4.
- Mihina, Joseph S., to G. D. Searle & Co. 3,19-dihydroxy-5-androstene derivatives. 2,856,415, 10-14-58, Cl. 260-397.4.
- Mihm, Clifford H.: *See—*
- Ogle, Frank T., and Mihm. 2,855,445.
- Mihm, Herman A., to Baso Inc. Fuel control device. 2,834,367, 5-13-58, Cl. 137-66.
- Mihran, Theodore G., to General Electric Co. Scallop beam amplification. 2,830,223, 4-8-58, Cl. 315-5.35.
- Mihran, Theodore G., and N. T. Lavoo, to General Electric Co. Space charge grid electron beam amplifier with dual outputs. 2,857,480, 10-21-58, Cl. 179-171.
- Mii, Seihei: *See—*
- Takeuchi, Saneyuki, and Mii. 2,866,969.
- Mika, Thomas F., to Shell Development Co. Cured silicon-containing products prepared from polyepoxides. 2,843,560, 7-15-58, Cl. 260-42.
- Mikes, Miles: *See—*
- Glaza, Thaddeus J., Kessler, Soldan, Mikes, and Clark. 2,822,908.
- Mikesic, Frank J. Clip. 2,863,352, 12-9-58, Cl. 85-11.
- Mikeska, Louis A.: *See—*
- Koencke, Donald F., Mikeska, and Gleason. 2,819,302.
- Mikeska, Louis A., to Esso Research and Engineering Co. Dibasic aromatic acids and derivatives thereof. 2,847,445, 8-12-58, Cl. 260-465.
- Mikeska, Louis A., to Esso Research and Engineering Co. Fiber-forming polyesters of bis-acetoxymethyl durenene. 2,856,375, 10-14-58, Cl. 260-23.
- Mikeska, Louis A., J. H. Bartlett, C. E. Thompson, and A. J. Morway, to Esso Research and Engineering Co. Sulfate ester synthetic lubricants. 2,819,211, 1-7-58, Cl. 252-42.1.
- Mikeska, Louis A., A. J. Morway, and C. A. Cohen, to Esso Research and Engineering Co. Lubricating grease compositions containing soaps of oxidized petroleum hydrocarbons. 2,850,459, 9-2-58, Cl. 252-40.
- Miki, Takuichi: *See—*
- Abe, Yasuo, Harukawa, Ishikawa, Miki, Sumi, and Toga. 2,836,604.
- Abe, Yasuo, Harukawa, Ishikawa, Miki, Sumi, and Toga. 2,862,953.
- Mikina, Stanley J., to United States of America, Navy. Jet engine control. 2,844,937, 7-29-58, Cl. 60-39.09.
- Mikkelsen, Carl G. Poultry watering trough. 2,828,717, 4-1-58, Cl. 119-61.
- Mikkelsen, Clarence M. Seal for automotive vehicle brake. 2,825,429, 3-4-58, Cl. 188-218.
- Miklas, Frank C., to General Electric Co. Liquid heating and metering construction. 2,856,843, 10-21-58, Cl. 99-282.
- Miklofsky, Haaren A., to the United States of America as represented by the Secretary of the Navy. Feed mechanism. 2,821,280, 1-28-58, Cl. 193-31.
- Mikola, Andrew. Bath tub seat. 2,852,785, 9-23-58, Cl. 4-185.
- Mikos, John J., to S & C Electric Co. Circuit interrupter construction. 2,824,190, 2-18-58, Cl. 200-114.
- Mikos, John J., and C. E. Moss, to Westinghouse Electric Corp. Circuit interrupter. 2,821,606, 1-28-58, Cl. 200-147.
- Mikulyak, Robert M., to Bell Telephone Laboratories, Inc. Stereophonic sound transmission system. 2,846,504, 8-5-58, Cl. 179-1.
- Milam, Bentley J.: *See—*
- Kagley, William H., and Milam. 2,821,223-7.
- Kagley, William H., and Milam. 2,826,291.
- Milani, Louis, Foods, Inc.: *See—*
- Cahn, Frank J., and Hagerty. 2,841,498.
- Milano, Francis. Cheek and tongue retractor. 2,831,480, 4-22-58, Cl. 128-15.
- Milbank Mfg. Co., Inc.: *See—*
- Waldrop, Robert F. 2,819,358.
- Milberger, Ernest C.: *See—*
- Hughes, Everett C., and Milberger. 2,820,763.
- Hughes, Everett C., and Milberger. 2,820,764.
- Hughes, Everett C., and Milberger. 2,820,765.
- Milberger, Ernest C., to The Standard Oil Co. Inorganic gel-thickened lubricant of good temperature susceptibility and dynamic water stability characteristics. 2,828,260, 3-25-58, Cl. 252-28.
- Milberger, Ernest C., and F. Veatch, to The Standard Oil Co. Inorganic gel-thickened lubricant of good temperature susceptibility and dynamic water stability characteristics. 2,828,261, 3-25-58, Cl. 252-28.
- Milbourne, Charles G.: *See—*
- Glover, Clarence B., and Milbourne. 2,828,196.
- Milburn, Marshall A. Display device. 2,825,161, 3-4-58, Cl. 40-19.5.
- Mildner, Raymond C., C. E. C. Lovelace, to Telegraph Construction & Maintenance Co. Ltd. Manufacture of air spaced electric cables. 2,823,152, 2-11-58, Cl. 154-2.26.
- Miles, Charles C., Jr., to Danville Products Co., Inc. Window regulator. 2,860,873, 11-18-58, Cl. 268-124.
- Miles, Charlie A.: *See—*
- Bird, Joseph J., Comer, Miles, and Braxton. 2,841,971.
- Miles, Francis H., Jr.: *See—*
- Ackermann, Edward L., Buck, Miles, and Will. 2,835,881.
- Miles, George N.: *See—*
- MacCracken, Calvin D., Rioux, and Miles. 2,857,747.
- Miles, George N., to Otto Bernz Co., Inc. Apparatus for supplying gaseous fuel to an internal combustion engine. 2,831,757, 4-22-58, Cl. 48-184.
- Miles, George N., and H. Olschner, to Otto Bernz Co., Inc. Apparatus for supplying gaseous fuel from a container of pressurized gas. 2,831,756, 4-22-58, Cl. 48-184.
- Miles, George N., and C. W. Perry, to Jet-Heet, Inc. Pumps. 2,855,861, 10-14-58, Cl. 103-276.
- Miles, George S., to Bendix Aviation Corp. Illuminated devices. 2,823,476, 2-18-58, Cl. 40-130.
- Miles, John R. Mechanical reading and writing tablet. 2,840,940, 7-1-58, Cl. 40-31.
- Miles, John R., to Chicago Aerial Industries, Inc. Binocular eye lens system. 2,846,918, 8-12-58, Cl. 88-1.
- Miles, John R., to Projection Optics Co., Inc. Projector. 2,860,543, 11-18-58, Cl. 88-26.
- Miles, John, & Partners (London) Ltd.: *See—*
- Hookham, George. 2,843,402.
- Miles Laboratories, Inc.: *See—*
- Centolella, Albert P. 2,844,625.
- Compton, Walter A., Fonner, and Collins. 2,858,278.
- Drey, Norman W. 2,863,733.
- Fancher, Otis E. 2,851,466.
- Fancher, Otis E. 2,854,379.
- Fonner, Dale E. 2,838,377.
- Fonner, Dale E., and Collins. 2,828,244.
- Free, Alfred H. 2,848,308.
- Free, Alfred H. and H. M. 2,854,317.
- Olin, Stephen M. 2,858,312.
- Olin, Stephen M. 2,858,313.
- Zienty, Mitchell F. 2,824,883.
- Zienty, Mitchell F. 2,833,823.
- Miles, Mearl J., and A. J. Jones. Vehicle towbar. 2,840,392, 6-24-58, Cl. 280-493.
- Miles, Ray P. Welding apparatus. 2,829,236, 4-1-58, Cl. 219-74.
- Miles, Stephen T., and W. T. La Rose. Device for molding plastic material. 2,852,809, 9-23-58, Cl. 18-17.

- Miles, Thomas K.: *See*—
Penther, Carl J., Griffin, Miles, and Simpson. 2,865,197.
- Miles, Thomas R.: *See*—
Works, William R., and Miles. 2,821,497.
- Miles, William B. Printing machines. 2,821,916, 2-4-58, Cl. 101-233.
- Migliorini, Vincent T.: *See*—
Brown, Leonard, Migliorini, Lenz, and Smitley. 2,821,158.
- Milhaupt, H. A., Inc.: *See*—
Kilby, Jack S., and Youngbeck. 2,823,262.
- Millne, David T., to American Viscose Corp. Manufacturing of flexible sheets into casings. 2,843,357, 7-29-58, Cl. 99-176.
- Millnowski, Arthur S., to O-O-S Corp. Power supply. 2,837,709, 6-3-58, Cl. 321-25.
- Milljam Instrument Corp.: *See*—
Cohen, Milton J. 2,854,975.
Cohen, Milton J., and McConaughy. 2,847,996.
- Milks, Robert L., Sr. Power take-off for vehicle wheels. 2,819,617, 1-14-58, Cl. 74-14.
- Millar, Douglas A. J.: *See*—
Fowler, Howard S., and Millar. 2,844,936.
- Millar, John H. End fittings for flexible metallic hose. 2,848,254, 8-19-58, Cl. 285-149.
- Millar, Norval P., to General Electric Co. Electrical measuring instrument. 2,865,001, 12-16-58, Cl. 324-147.
- Millar, Norval P., and E. W. Clark, to General Electric Co. Adjustable electrical measuring and indicating instrument. 2,836,796, 5-27-58, Cl. 324-151.
- Millar, Ronald L., and N. G. Peterson, to The Glidden Co. Plural coating with epoxy primer and alkyd-silicone topcoat. 2,864,722, 12-16-58, Cl. 117-72.
- Millard, Edward J., Sr.: *See*—
Stevens, Otis L., and Millard. 2,837,902.
- Millard, Ernest H., Jr., to Olin Mathieson Chemical Corp. Method of coating a surface with silver from solution. 2,822,289, 2-4-58, Cl. 117-35.
- Millard, John R. Clamp construction. 2,837,358, 6-3-58, Cl. 287-118.
- Millard, Loren D.: *See*—
Shallenberger, Frank, and Millard. 2,852,818.
- Millat, Alfred E.: *See*—
Millat, David B. and A. E. 2,820,503.
Millat, David B. and A. E. Hub cap lock. 2,820,503, 1-21-58, Cl. 152-431.
- Millen, James J., to Thompson Products, Inc. Method of making piston rings. 2,830,358, 4-15-58, Cl. 29-156.62.
- Millendorf, Alfred J.: *See*—
Vergilio, Joseph H., Bruner, and Millendorf. 2,831,029.
- Miller, Alan, to Marconi's Wireless Telegraph Co. Variable frequency oscillators. 2,840,711, 6-24-58, Cl. 250-36.
- Miller, Albert. Trailer load equalizer. 2,847,231, 8-12-58, Cl. 280-483.
- Miller, Albert D.: *See*—
Durfee, Benjamin M., Miller, and Underwood. 2,866,176.
- Miller, Allan. Street decoration support bracket. 2,848,117, 8-19-58, Cl. 211-107.
- Miller, Allyn C., and N. Fishman, to Hawaiian Development Co., Ltd. Bagasse concrete. 2,837,435, 6-3-58, Cl. 106-93.
- Miller, Alvin R., to Ideal Toy Corp. Electro-deposited mold. 2,851,331, 9-9-58, Cl. 18-47.
- Miller, Angus M.: *See*—
Walker, Robert M., Jr. 2,821,494.
- Miller, Anthony P. Surgical device. 2,818,855, 1-7-58, Cl. 128-79.
- Miller, Anthony P. Apparatus for providing vents in cigarettes and the like. 2,832,354, 4-29-58, Cl. 131-254.
- Miller, Arthur A., to A. A. Miller and L. C. Casanov. Grinding wheels. 2,857,719, 10-28-58, Cl. 51-191.
- Miller, Arthur E.: *See*—
Giannini, Gabriel M., Miller, and Gibson. 2,818,730.
- Miller, Arthur S. Collapsible roll-up container. 2,845,976, 8-5-58, Cl. 150-52.
- Miller, Avey L. Continuous flow water heater. 2,828,723, 4-1-58, Cl. 122-264.
- Miller, Avey L. Hot water storage tank and water heater system embodying the same. 2,833,273, 5-6-58, Cl. 126-362.
- Miller, Benjamin F., Jr.: *See*—
Maple, Earl W. and R. L., and Miller. 2,857,635.
- Miller, Bernard J. Light transmitting means for endoscopes. 2,843,112, 7-15-58, Cl. 128-6.
- Miller, Bernie R., to Ferro Corp. Screen frame. 2,864,500, 12-16-58, Cl. 209-403.
- Miller, Bertrand J.: *See*—
Morris, George V., Roschke, Druz, and Miller. 2,843,656.
- Miller Brewing Co.: *See*—
Hougen, Olaf A., and Lydersen. 2,862,819.
- Miller Brothers: *See*—
Miller, Norman K. 2,843,690.
- Miller, Bruce M., to E. I. du Pont de Nemours and Co. Nylon hydrolysis. 2,840,606, 6-24-58, Cl. 260-537.
- Miller, Buel W., to Varsity Pre-Cast Seat Co., Inc. Combined mold and rack. 2,834,088, 5-13-58, Cl. 25-118.
- Miller, Burton F., to United States of America, Atomic Energy Commission. Regulator for calutron ion source. 2,850,635, 9-2-58, Cl. 250-41.9.
- Miller, Calvin K., to Soss Mfg. Co. Door check and hold open. 2,865,045, 12-23-58, Cl. 16-140.
- Miller, Carl: *See*—
Pivetz, Albert W. 2,832,949.
- Miller, Carl D., to The Cooper-Bessemer Corp. Resilient coupling. 2,833,131, 5-6-58, Cl. 64-7.
- Miller, Carl D., to Jack & Heintz, Inc. Torque limiter. 2,863,335, 12-9-58, Cl. 74-801.
- Miller, Carl F.: *See*—
Aron, Mitchell, and Miller. 2,840,736.
- Miller, Carl F., to Westinghouse Electric Corp. Electron discharge device. 2,862,134, 11-25-58, Cl. 313-250.
- Miller, Carl F., to Westinghouse Electric Corp. Electron discharge device. 2,862,136, 11-25-58, Cl. 313-261.
- Miller, Carl J., to The Smead Mfg. Co. Book or desk file and covers. 2,831,706, 4-22-58, Cl. 281-29.
- Miller, Carl S.: *See*—
Clark, Bryce L., and Miller. Re. 24,554.
Clark, Bryce L., and Miller. 2,859,351.
- Miller, Carl S., and C. A. Kuhnmeier, to Minnesota Mining and Mfg. Co. Reflex thermoprinting. 2,844,733, 7-22-58, Cl. 250-65.
- Miller, Carroll De V.: *See*—
Becker, Francis N., and Miller. 2,851,716.
- Miller, Carroll E., to Cone Automatic Machine Co. Inc. Stock reel and indexing mechanism therefor. 2,855,815, 10-14-58, Cl. 82-38.
- Miller, Carroll E., to Cone Automatic Machine Co. Inc. Chucking mechanism. 2,856,193, 10-14-58, Cl. 279-51.
- Miller, Casper J. Vibrating couch. 2,843,113, 7-15-58, Cl. 128-33.
- Miller, Charles A., to Parke, Davis & Co. Process for producing α -phenyl succinimides. 2,831,867, 4-22-58, Cl. 260-326.5.
- Miller, Charles A., and L. M. Long, to Parke, Davis & Co. Succinimide compounds and method for obtaining the same. 2,857,398, 10-21-58, Cl. 260-326.5.
- Miller, Charles B.: *See*—
Borland, Jean W., Miller, and Pearson. 2,865,824.
- Miller, Charles B., and C. Woolf, to Allied Chemical & Dye Corp. Manufacture of fluorinated acetates. 2,827,485, 3-18-58, Cl. 260-539.
- Miller, Charles B., and C. Woolf, to Allied Chemical & Dye Corp. Manufacture of fluorinated salts and acids. 2,827,486, 3-18-58, Cl. 260-539.
- Miller, Charles B., and C. Woolf, to Allied Chemical & Dye Corp. Perchlorofluoroacetones and production thereof. 2,853,524, 9-23-58, Cl. 260-593.
- Miller, Charles B., and L. B. Smith, to Allied Chemical Corp. Production of 1,1,2-trifluoro-2-chloro-ethylene. 2,864,873, 12-16-58, Cl. 260-653.5.
- Miller, Charles L., to Sylvia Electric Products Inc. Top stem mold cleanout. 2,864,204, 12-16-58, Cl. 49-66.
- Miller, Charles R. Lumber stackers. 2,854,152, 9-30-58, Cl. 214-6.
- Miller, Charles W.: *See*—
Matkins, Eugene G., and Miller. 2,832,914.
- Miller, Charles W., to General Motors Corp. Light sensitive control system. 2,840,758, 6-24-58, Cl. 315-83.
- Miller, Charles W., to General Motors Corp. Light sensitive control circuit. 2,861,193, 11-18-58, Cl. 250-214.
- Miller, Charles W., and H. E. Todd, to General Motors Corp. Oscillator controlled automatic headlamp dimmer system. 2,829,307, 4-1-58, Cl. 315-83.
- Miller, Charles W., G. W. Onksen, and M. L. Woodward, to General Motors Corp. Headlight dimmer system. 2,854,604, 9-30-58, Cl. 315-83.
- Miller, Clarence E., and J. D. Nixon, to United States of America, Navy. Penetrometer for in situ measurements. 2,833,144, 5-6-58, Cl. 73-84.
- Miller, Clifford F., to Textile Machine Works. Yarn severing means for knitting machines. 2,863,310, 12-9-58, Cl. 66-145.
- Miller, Coleman J., to Westinghouse Electric Corp. Tunable bridged-T null network. 2,832,047, 4-22-58, Cl. 324-128.
- Miller, Cornell M. Clothing ventilating device. 2,825,501, 3-4-58, Cl. 230-160.
- Miller, Dale W.: *See*—
Detamore, Harold H., Eby, Miller, and Moore. 2,857,007.
- Miller, Daniel R., and H. R. Hoekstra, to United States of America, Atomic Energy Commission. Reduction of plutonium to Pu⁻³ by sodium dithionite in potassium carbonate. 2,864,665, 12-16-58, Cl. 23-14.5.
- Miller, Daniel E.: *See*—
McDonald, Louis, and Miller. 2,853,372.
- Miller, Daniel E., to Kelite Products, Inc. Process and composition for phosphatizing steel. 2,826,517, 3-11-58, Cl. 148-6.15.
- Miller, Donald D., and G. H. Wolf, to General Motors Corp. Vehicle air circulating system. 2,835,183, 5-20-58, Cl. 98-2.
- Miller, Doyle H. Pneumatic displacement pump. 2,848,955, 8-26-58, Cl. 103-240.
- Miller, Earl I.: *See*—
Wibbles, Howard L., and Miller. 2,819,944.
- Miller, Earl W. Soil leveler with adjustable wheeled frame. 2,862,341, 12-2-58, Cl. 55-22.
- Miller, Edgar E. Combination sand box and table. 2,848,229, 8-19-58, Cl. 272-1.
- Miller, Edsel L.: *See*—
McClaffin, Gifford G., and Miller. 2,846,480.
- Miller, Edsel L., to Continental Oil Co. Preparation of quaternary ammonium halides. 2,826,582, 3-11-58, Cl. 260-290.

- Miller, Edward E.: *See*—
Tashjian, David R., Hall, and Miller. 2,858,180.
- Miller, Edward H., to General Electric Co. Slip ring expansion joint. 2,863,632, 12-9-58, Cl. 253-39.
- Miller, Edward S., to Sherwood Electronic Laboratories, Inc. High-adelty sound system. 2,828,260, 3-11-58, Cl. 181-31.
- Miller, Elmer C., to Phillips Petroleum Co. Analyzer. 2,822,475, 2-4-58, Cl. 250-43.5.
- Miller, Elmer C., to Phillips Petroleum Co. Infrared analyzer and process control. 2,835,116, 5-20-58, Cl. 62-175.5.
- Miller, Elmer C., to Phillips Petroleum Co. Differential refractometer. 2,837,760, 6-10-58, Cl. 88-14.
- Miller, Elmer C., and B. J. Simmons, to Phillips Petroleum Co. Differential refractometer. 2,857,799, 10-28-58, Cl. 88-14.
- Miller, Elmer J., J. E. Budd, and L. E. Hughes; said Hughes assor. to said Budd. Carton form. 2,823,442, 2-18-58, Cl. 25-181.5.
- Miller, Elmer L.: *See*—
Folkins, Hillis O., and Miller. 2,820,063.
Folkins, Hillis O., Miller, and Kempf. 2,820,061.
Folkins, Hillis O., Miller, and Kempf. 2,820,062.
- Miller, Elmer L. Tractor-mounted loader. 2,820,558, 1-21-58, Cl. 214-510.
- Miller, Elmer L., to The Pure Oil Co. Preparation of hydrogenation catalysts. 2,846,488, 8-5-58, Cl. 260-667.
- Miller, Emery B., and G. F. Schlaudecker. Preparation of benzotriazoles. 2,861,078, 11-18-58, Cl. 260-308.
- Miller Equipment Co., Inc.: *See*—
Shawgo, Ellis C. 2,834,525.
- Miller, Ernest B., to Jefferson Lake Sulphur Co. Cyclic adsorption processes for removal and/or recovery of condensable hydrocarbons from natural gas. 2,823,764, 2-18-58, Cl. 183-114.2.
- Miller, Ernest B., to Jefferson Lake Sulphur Co. Cyclic adsorption processes for recovery of H_2S from natural gas employing two activation cycles. 2,861,651, 11-25-58, Cl. 183-114.2.
- Miller, Ernest F., and W. G. Nichol, to United States Steel Corp. Package for tin plate or the like. 2,847,120, 8-12-58, Cl. 206-60.
- Miller, Eugene A. Circuit breaker. 2,863,970, 12-9-58, Cl. 200-163.
- Miller, Ford S., $\frac{1}{2}$ to N. M. Miller, $\frac{1}{2}$ to E. L. Van Laningham, $\frac{1}{2}$ to G. L. Thomas, and $\frac{1}{2}$ to J. L. Miller. Self-centering pneumatic inside line-up pipe clamp assembly. 2,830,551, 4-15-58, Cl. 113-102.
- Miller, Francis A., to Joseph P. Miller Co., Inc. Plastic slide bearing for cribs having drop sides. 2,860,350, 11-18-58, Cl. 5-100.
- Miller, Frank C., to The Jeffrey Mfg. Co. Motor and brake mechanism. 2,843,225, 7-15-58, Cl. 188-73.
- Miller, Frank D., to Eastman Kodak Co. Multiport diaphragm valve. 2,865,402, 12-23-58, Cl. 137-637.1.
- Miller, Frank E., Jr., and D. H. Skinner, to Owens-Illinois Glass Co. Article conveying apparatus for use with spray paint guns. 2,838,025, 6-10-58, Cl. 118-322.
- Miller, Frank G.: *See*—
Hollis, Frank, Jr., and F. G., and F. J. Miller. 2,828,209.
- Miller, Frank W.: *See*—
Rockhoff, Bert E., and Miller. 2,829,697.
- Miller, Franklyn D.: *See*—
Hawkins, John J., and Miller. 2,865,818.
- Miller, Werner C., and Miller. 2,843,624.
- Miller, Fred A., deceased; L. N. Miller, executrix. Automobile storage. 2,847,131, 8-12-58, Cl. 214-161.
- Miller, Fred J. Automatic sinker. 2,836,002, 5-27-58, Cl. 43-43.13.
- Miller, Frederick B., to Goodman Mfg. Co. Drilling system. 2,843,361, 7-15-58, Cl. 255-50.
- Miller, Frederick E.: *See*—
Welsh, Matilda D., and Miller. 2,864,465.
- Miller, Frederick J.: *See*—
Hollis, Frank, Jr., and F. G. and F. J. Miller. 2,828,209.
- Miller, Frederick J. L.: *See*—
Robinson, Joseph N., Miller, McDonnell, and Villiers-Fisher. 2,824,104.
- Miller, George: *See*—
Renz, Emil K., and Miller. 2,819,749.
- Miller, George, and F. C. Godfrey. Process for concentration of soluble electrolytes. 2,830,378, 4-15-58, Cl. 23-184.
- Miller, George A., B. K. Kelly, and G. F. Newton, to National Research Development Corp. Cephalosporin N production. 2,831,797, 4-22-58, Cl. 195-36.
- Miller, Gerald A., to Royal Jet, Inc. Sealed circumferential joint for fuel tanks. 2,829,910, 4-8-58, Cl. 185-370.
- Miller, Glen R.: *See*—
Jenney, Ray S., Fetherston, and Miller. 2,841,269.
- Miller, Glenn H.: *See*—
Rcassi, Bruno. Sack, Beyer, and Miller. 2,831,929.
- Miller, Grace. Heat retaining cover. 2,836,478, 5-27-58, Cl. 312-284.
- Miller, Gustave: *See*—
Clintzman, De Witt C. 2,856,729.
Lehder, Robert. 2,856,146.
Melvin, Eugene E. 2,827,931.
Pauley, Sebert J. 2,865,625.
- Miller, Harold C., to Super-Cut, Inc. Mounting and truing device for peripheral type circular grinding or cutting wheels. 2,846,826, 8-12-58, Cl. 51-168.
- Miller, Harold K.: *See*—
Allman, Ralph C., Miller, and Tye. 2,861,473.
- Miller, Harold N.: *See*—
Flan, Anthony, and Miller. 2,834,840.
- Miller, Harold R., to Armco Steel Corp. Automatic strip alignment control. 2,842,361, 7-8-58, Cl. 271-2.6.
- Miller, Harry: *See*—
Jude, George F., and Miller. 2,834,562.
- Miller, Harry, to Sperry Rand Corp. Aircraft automatic pilot. 2,834,563, 5-13-58, Cl. 244-77.
- Miller, Harry B.: *See*—
Seem, Warren A., Stoddard, Gibson, Miller, and Hilbert. 2,864,229.
- Miller, Harry B., to Grant Development Co. Power driven fare collecting and registering apparatus. 2,848,158, 8-19-58, Cl. 235-32.
- Miller, Harry C. Combination changing mechanism for padlocks. 2,830,447, 4-15-58, Cl. 70-319.
- Miller, Harry C. Protective dial assembly for permutation locks. 2,836,052, 5-27-58, Cl. 70-332.
- Miller, Harry C. Combination lock actuating mechanism. 2,852,928, 9-23-58, Cl. 70-303.
- Miller, Harry E., to W. M. Hale. Trolley wire tap and cable clamp therefor. 2,821,690, 1-28-58, Cl. 339-109.
- Miller, Harry E. Drill. 2,842,015, 7-8-58, Cl. 77-65.
- Miller, Henry C.: *See*—
Grigger, John C., and Miller. 2,824,027.
- Miller, Henry C., to E. I. du Pont de Nemours and Co. Production of hexasodium hexacarbonyl. 2,858,194, 10-28-58, Cl. 23-203.
- Miller, Henry S. Quick adjustable angle blade for small garden tractor. 2,854,766, 10-7-58, Cl. 37-42.
- Miller, Henry W. Safety crutch head. 2,861,582, 11-25-58, Cl. 135-49.
- Miller, Herbert C., Jr., to Hercules Powder Co. Water-soluble carboxyalkyl cellulose derivative and method of manufacture. 2,839,526, 6-17-58, Cl. 260-232.
- Miller, Herbert I., to the United States of America as represented by the United States Atomic Energy Commission. Method of making a refractory material. 2,818,605, 1-7-58, Cl. 18-35.
- Miller, Herbert I., and R. C. Smith, to the United States of America as represented by the United States Atomic Energy Commission. Nuclear reactor. 2,820,753, 1-21-58, Cl. 204-193.2.
- Miller, Herbert W. Article of furniture. 2,823,731, 2-18-58, Cl. 155-30.
- Miller, Herman, Furniture Co.: *See*—
Eames, Charles. 2,831,528.
- Miller Hydro Co.: *See*—
Ross, George M. 2,832,090.
- Miller, Irving: *See*—
Wagner, Albert E., Miller, Nelson, and Peyton. 2,829,865.
- Miller, Jack M.: *See*—
Long, Marshall, and Miller. 2,864,216.
- Miller, Jack W.: *See*—
Hood, Albert R., and Miller. 2,828,108.
- Miller, James A., to Clark Equipment Co. Five speed transmission using simple planetary gear sets. 2,822,706, 2-11-58, Cl. 74-763.
- Miller, James A., to Clark Equipment Co. Five speed transmission employing compound planetary gear sets. 2,827,805, 3-25-58, Cl. 74-761.
- Miller, James A., to Clark Equipment Co. Five speed planetary transmissions employing only external gears. 2,856,796, 10-21-58, Cl. 74-763.
- Miller, James A., to Borg-Warner Corp. Transmission. 2,862,403, 12-2-58, Cl. 74-763.
- Miller, James K.: *See*—
Halter, Richard C., and Miller. 2,865,839.
- Miller, James S., to The General Electric Co. Ltd. Manufacture of cold-cathode electric discharge devices. 2,825,619, 3-4-58, Cl. 316-26.
- Miller, James S., deceased, F. F. Miller, and H. M. Deitz, executrices. Denture making equipment. 2,841,871, 7-8-58, Cl. 32-19.
- Miller, Jay J. Flux compound. 2,823,112, 2-11-58, Cl. 75-94.
- Miller, John A.: *See*—
Galindo, Harold F., and Miller. 2,850,450.
- Miller, John C. Support member or holder. 2,830,708, 4-15-58, Cl. 211-120.
- Miller, John C. Traction device. 2,838,345, 6-10-58, Cl. 305-10.
- Miller, John D. Feeder cutter structure in a radial blade rotor mill. 2,861,748, 11-25-58, Cl. 241-186.
- Miller, John E.: *See*—
Edwards, Howard C. 2,855,874.
- Miller, John E. Trimming and felling support for power saws. 2,824,586, 2-25-58, Cl. 143-157.
- Miller, John G., and J. V. Weir, to Porocel Corp. Alumina desiccant and process for preparation thereof. 2,841,564, 7-1-58, Cl. 252-463.
- Miller, John H.: *See*—
Gilbert, Roswell W., and Miller. 2,857,569.
- Miller, John H., to Daystrom, Inc. Load meter. 2,829,343, 4-1-58, Cl. 324-142.
- Miller, John L.: *See*—
Miller, Ford S. 2,830,551.
- Miller, John L. Adjustable spreader bar. 2,838,823, 6-17-58, Cl. 26-55.

- Miller, John R., to United Aircraft Corp. Heat exchanger. 2,858,113, 10-28-58, Cl. 257-241.
- Miller, John W.: *See—*
Hartley, Lloyd S., Henry, Miller, and Shahan. 2,837,870.
- Miller, John W., to F. P. Rosback Co. Sheet feeding mechanism. 2,828,962, 4-1-58, Cl. 271-62.
- Miller, John W., and F. T. Stoney, to Motor Wheel Corp. Vaporizing type oil burner. 2,822,866, 2-11-58, Cl. 158-91.
- Miller, John W., and F. T. Stoney, to Motor Wheel Corp. Vaporizing oil burner. 2,855,031, 10-7-58, Cl. 158-91.
- Miller, Joseph B. Nebulizer for medicinal preparations. 2,819,716, 1-14-58, Cl. 128-186.
- Miller, Joseph F., to Westinghouse Electric Corp. Arc welding apparatus. 2,840,789, 6-24-58, Cl. 336-134.
- Miller, Joseph P., Co., Inc.: *See—*
Miller, Francis A. 2,860,350.
- Miller, Joseph P., G. E. Rasmussen, and C. H. Patrie, to General Motors Corp. Railway vehicle truck. 2,862,459, 12-2-58, Cl. 105-187.
- Miller, Joseph P., to General Motors Corp. Railway vehicle truck. 2,865,307, 12-23-58, Cl. 105-197.
- Miller, Joshua, R. B. Cadman, Jr., and A. J. Borowski. Latch ejection type, quick attachment and release. 2,863,200, 12-9-58, Cl. 24-230.
- Miller, Kenneth R., to Topp Industries, Inc. Potentiometer, multiple turn with screw fed slider. 2,859,316, 11-4-58, Cl. 201-56.
- Miller, Kenneth T. Cable dressing tool. 2,842,016, 7-8-58, Cl. 81-9.5.
- Miller, Kenneth T. Wire cutting and stripping tool. 2,863,158, 12-9-58, Cl. 7-5.3.
- Miller, Kenneth W., to Northrop Aircraft, Inc. Automatic jet engine starting device. 2,866,385, 12-30-58, Cl. 89-1.7.
- Miller, Lee. Vertical lousie vane assembly. 2,830,335, 4-15-58, Cl. 20-62.
- Miller, Leon F., to The Osborn Mfg. Co. Foundry molding process. 2,866,242, 12-30-58, Cl. 22-193.
- Miller, Leona N.: *See—*
Miller, Fred A. 2,847,131.
- Miller, Leonidas C. Clamp fixture for water-cooled induction coil. 2,866,880, 12-30-58, Cl. 219-10.49.
- Miller, Lester M., to General Motors Corp. Vertically adjustable refrigerator shelf. 2,838,357, 6-10-58, Cl. 312-306.
- Miller, Lewellyn. Electric calf weaner. 2,842,099, 7-8-58, Cl. 119-130.
- Miller, Lloyd C., to Formold Plastics, Inc. Dispenser cap. 2,834,519, 5-13-58, Cl. 222-455.
- Miller, Lloyd W. Quick release tool holder. 2,862,285, 12-2-58, Cl. 29-96.
- Miller, Louis E. Loading and carrying rollers for boat trailer. 2,862,636, 12-2-58, Cl. 214-505.
- Miller, Marion F., to Whirlpool Corp. Electric motor hand tool. 2,857,533, 10-21-58, Cl. 310-50.
- Miller, Marshall P.: *See—*
Shields, John T., and Miller. 2,827,196.
- Miller, Mary L.: *See—*
Bikales, Norbert M., and Miller. 2,840,611.
- Miller, Matha M.: *See—*
Detrie, Arthur J., O'Neil, Stayboldt, and Miller. 2,819,032.
- Miller, Matt. Vegetation restricting device for fence rows. 2,826,393, 3-11-58, Cl. 256-19.
- Miller, Melvin W., to Muellerist Irrigation Co. Liquid spray device. 2,834,635, 5-13-58, Cl. 299-104.
- Miller, Meritt L., and R. W. Butler, to Farnsworth Research Corp. Automatic frequency control circuit. 2,838,671, 6-10-58, Cl. 250-36.
- Miller Meters, Inc.: *See—*
Arzig, Edward C. 2,828,908.
Sollenberger, Lester D. 2,822,682.
Sollenberger, Lester D., and Faxon. 2,828,909.
- Miller, Mike A., to Aluminum Co. of America. Composite aluminous metal article. 2,821,014, 1-28-58, Cl. 29-197.5.
- Miller, Mike A., to Aluminum Co. of America. Electrical joint composition. 2,844,479, 7-22-58, Cl. 106-14.
- Miller, Mike A., L. M. Foster, and C. D. Baker, to Aluminum Co. of America. Producing aluminum. 2,829,961, 4-8-58, Cl. 75-68.
- Miller, Myron, to the United States of America as represented by the Secretary of the Navy. D-C cold-cathode tube voltage regulator. 2,826,734, 3-11-58, Cl. 323-17.
- Miller, Myron M., to Cluett, Peabody & Co., Inc. Dimple forming necktie construction. 2,825,903, 3-11-58, Cl. 2-146.
- Miller, Nellie M.: *See—*
Miller, Ford S. 2,830,551.
- Miller, Nelson R.: *See—*
Farmwald, John A., and Miller. 2,846,002.
- Miller, Nicholas J., to Swift & Co. Labeling machine. 2,822,105, 2-4-58, Cl. 216-55.
- Miller, Nicholas S.: *See—*
Windstrup, Robert F., Rose, and Miller. 2,865,152.
- Miller, Norman K., to Miller Brothers. Safety edge for hangar door. 2,843,690, 7-15-58, Cl. 200-61.43.
- Miller, Ohmer R.: *See—*
Meserve, Vincent M., and Miller. 2,858,426.
- Miller, Oran E., to United States of America, Atomic Energy Commission. Thermally shielded moisture removal device. 2,848,881, 8-26-58, Cl. 62-270.
- Miller, Paul C.: *See—*
Fitch, Frederick T., and Miller. 2,865,706.
- Miller, Paul C., Jr., to Skuttle Mfg. Co. Humidification unit. 2,821,449, 1-28-58, Cl. 312-31.01.
- Miller, Paul D., and R. A. Jefferys, to The Battelle Development Corp. Method of coating titanium articles and product thereof. 2,864,732, 12-16-58, Cl. 148-6.15.
- Miller, Paul E. Motor operated fowl decoy. 2,849,823, 9-2-58, Cl. 43-3.
- Miller, Paul H. Gas-operated caulking gun. 2,818,999, 1-7-58, Cl. 222-323.
- Miller, Paul H. Rigid boring bar. 2,842,014, 7-8-58, Cl. 77-58.
- Miller, Peter K.: *See—*
Wilson, Ernest W. 2,829,404.
- Miller, Philip H., to Crosby Steam Gage & Valve Co. Testing machine for sheet material. 2,865,199, 12-23-58, Cl. 73-102.
- Miller, Philip L., Sr. Adjustable hand rake. 2,855,746, 10-14-58, Cl. 56-400.19.
- Miller, Ralph, to American Development Corp. Sweetening of hydrocarbons with alkali ferricyanide solutions and regeneration of the alkaline solution by electrolytic oxidation. 2,856,352, 10-14-58, Cl. 208-203.
- Miller, Ralph, to American Development Corp. Removal of mercaptans with alkali ferrocyanide solution followed by regeneration of the alkaline solution by electrolytic oxidation. 2,856,353, 10-14-58, Cl. 208-235.
- Miller, Ralph B. Combination coin container and ruler. 2,839,243, 6-17-58, Cl. 232-5.
- Miller, Ralph L., to Bell Telephone Laboratories, Inc. Transmission and reconstruction of artificial speech. 2,824,906, 2-25-58, Cl. 179-1.
- Miller, Raymond A., to Hall Gage Sales, Inc. Fish hook clamp. 2,825,992, 3-11-58, Cl. 43-25.2.
- Miller, Raymond L. Fruit grading table and brusher. 2,827,645, 3-25-58, Cl. 15-3.11.
- Miller, Richard: *See—*
Hirschmann, Ralph F., and Miller. 2,837,541.
- Miller, Richard C.: *See—*
White, Roger L., and Miller. 2,819,008.
White, Roger L., Miller, and Young. 2,841,319.
- Miller, Richard H., and W. C. Mitchell, Jr., to General Electric Co. Control arrangement for a stored-energy type of circuit breaker operating mechanism. 2,820,119, 1-14-58, Cl. 200-89.
- Miller, Richard H., and V. L. Tilli, to General Electric Co. Operating mechanism for an electric circuit breaker. 2,846,622, 8-5-58, Cl. 317-58.
- Miller, Richard W.: *See—*
Lefebvre, Frank J., and Miller. 2,833,400.
- Miller, Robert. Photograph album leaf. 2,844,900, 7-29-58, Cl. 40-158.
- Miller, Robert A.: *See—*
Olson, Henry L., Miller, and Hale. 2,863,378.
- Miller, Robert A., C. A. Nickerson, and C. M. Taris, to Bell Telephone Laboratories, Inc. Automatic telephone answering and message-recording system. 2,866,852, 12-30-58, Cl. 179-6.
- Miller, Robert E.: *See—*
Doerr, Edward L., and Miller. 2,828,326.
- Miller, Robert E., to Monsanto Chemical Co. Unsaturated branched-chain alcohols and methods of preparing same. 2,836,628, 5-27-58, Cl. 260-632.
- Miller, Robert E., to United States of America, Air Force. Multiple gun mounting and recoil system. 2,853,926, 9-30-58, Cl. 89-37.5.
- Miller, Robert E., and V. R. Gaertner, to Monsanto Chemical Co. Fungicidal compositions comprising phenylsazones. 2,844,505, 7-22-58, Cl. 167-30.
- Miller, Robert E., and G. E. Bennett, to Monsanto Chemical Co. Branched-chain higher alcohols formed by condensation of lower alcohols, and esters of said higher alcohols. 2,862,013, 11-25-58, Cl. 260-410.9.
- Miller, Robert H.: *See—*
Buchanan, Donald A., Miller, and Thornberg. 2,861,040.
- Miller, Robert J., and C. E. Bodington, to California Research Corp. Recovery of benzoic and toluic acids from dilute aqueous solutions thereof. 2,843,627, 7-15-58, Cl. 260-525.
- Miller, Robert L., and W. H. Wannamaker, Jr., to Minneapolis-Honeywell Regulator Co. Servomotor selfbalancing measuring apparatus. 2,844,775, 7-22-58, Cl. 318-29.
- Miller, Robert N.: *See—*
Fenske, Donald M., Fredrick, and Miller. 2,859,659.
- Miller, Robert P. Abrasive disc machine for resurfacing slate, wood, metal, plastics, or the like. 2,828,587, 4-1-58, Cl. 51-180.
- Miller, Roland E.: *See—*
Borgardt, Henry, and Miller. 2,854,170.
- Miller, Roy G. Constant pressure screw extractor with right-angularly adjustable supporting structure. 2,818,894, 1-7-58, Cl. 144-32.
- Miller, Roy G. Silent door latch. 2,848,263, 8-19-58, Cl. 292-78.
- Miller, Rudolph W. Combination kitchen sink. 2,818,581, 1-7-58, Cl. 4-187.
- Miller, Samuel A., and H. Davidge, to British Oxygen Co. Ltd. Purification of N-vinylcarbazole. 2,830,059, 4-8-58, Cl. 260-318.
- Miller, Samuel W., Jr.: *See—*
McElgin, John, and Miller. 2,852,235.
McElgin, John W., and Miller. 2,860,833.

- Miller, Shade W., and V. K. Williamson. Combined table and food warmer. 2,866,956, 12-30-58, Cl. 339-34.
- Miller, Sherman B., to Fairchild Engine and Airplane Corp. Severable coupling. 2,862,375, 12-2-58, Cl. 64-28.
- Miller, Sidney E.: *See*—
Berry, Charles M., Chang, Le Bard, and Miller. 2,866,797.
- Miller, Sidney G., 50% to F. R. Odlum. Fire alarm. 2,822,534, 2-4-58, Cl. 340-227.
- Miller, Solomon L.: *See*—
Ebers, Jewell J., and Miller. 2,831,984.
- Miller, Stanley L., and R. L. Myers, to The Wright Line, Inc. Multiplex tub for card files. 2,853,354, 9-23-58, Cl. 312-297.
- Miller, Stephan, to Westinghouse Electric Corp. Electric switch. 2,831,944, 4-22-58, Cl. 200-114.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. High frequency power dividing networks. 2,820,202, 1-14-58, Cl. 333-10.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. Frequency selective high frequency power dividing networks. 2,823,356, 2-11-58, Cl. 333-73.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. High frequency selective mode transducers. 2,848,690, 8-19-58, Cl. 333-10.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. Electromagnetic wave transmission. 2,848,696, 8-19-58, Cl. 333-95.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. Non-reciprocal wave transmission. 2,849,683, 8-26-58, Cl. 333-10.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. Non-reciprocal wave transmission. 2,849,684, 8-26-58, Cl. 333-10.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. Non-reciprocal wave transmission. 2,849,687, 8-26-58, Cl. 333-10.
- Miller, Theodore: *See*—
Vogele, Clyde E., Jr., and Miller. 2,821,701.
- Miller, Theodore A. Mold opener. 2,832,990, 5-6-58, Cl. 18-2.
- Miller, Theodore A., and T. A. Miller, Jr. Bleeder passage mold for forming hollow plastic articles. 2,818,604, 1-7-58, Cl. 18-39.
- Miller, Theodore A., Jr.: *See*—
Miller, Theodore A., and T. A. Miller, Jr. 2,818,604.
- Miller, Theodore J., and E. L. Gother, to Minnesota Mining and Mfg. Co. Non-rigid rotative abrasive structures. 2,842,902, 7-15-58, Cl. 51-193.5.
- Miller, Theodore J., and E. L. Gother, to Minnesota Mining & Mfg. Co. Methods of making non-rigid rotative abrasive structures. 2,843,469, 7-15-58, Cl. 51-297.
- Miller, Urban J. Awning structure. 2,834,072, 5-13-58, Cl. 20-37.5.
- Miller, Vance V. Two speed drill. 2,845,806, 8-5-58, Cl. 74-343.
- Miller, Verle A., to The Firestone Tire & Rubber Co. Treatment of carboxyl-containing polymers. 2,849,426, 8-26-58, Cl. 260-79.5.
- Miller, Verle A., R. L. Bebb, and J. H. Musch, to The Firestone Tire & Rubber Co. Freeze-resistant polymer-containing latex paint. 2,822,341, 2-4-58, Cl. 260-23.
- Miller, Verle A., A. J. Firth, and L. F. Shepard, to International Latex Corp. Method and apparatus for forming hollow bodies of double or variable curvature. 2,861,296, 11-25-58, Cl. 18-19.
- Miller, Victor A., to North American Aviation, Inc. Radiant energy sensing system. 2,820,906, 1-21-58, Cl. 250-203.
- Miller, Walter A. Feed attachment for woodworking machine. 2,848,023, 8-19-58, Cl. 144-246.
- Miller, Walter K., to Advance Car Mover Co., Inc. Safety hand guard. 2,822,211, 2-4-58, Cl. 294-131.
- Miller, Walter L.: *See*—
Henderson, Albert S., and Miller. 2,837,147.
- Miller, Walter W., to United Specialties Co. Starter ignition switch. Re. 24,434, 2-18-58, Cl. 200-11.
- Miller, Wendell E., and J. F. Gillmore, to Cessna Aircraft Co. Variable volume reciprocating pump. 2,821,926, 2-4-58, Cl. 103-37.
- Miller, Wendell S. Magnetic control systems. 2,856,596, 10-14-58, Cl. 340-174.
- Miller, Wilbur A., to International Latex Corp. Manufacture of deposited latex articles. 2,834,056, 5-13-58, Cl. 18-58.7.
- Miller, William. Siphon priming means. 2,830,608, 4-15-58, Cl. 137-148.
- Miller, William B.: *See*—
Morrell, Albert M., and Miller. 2,841,732.
- Miller, William B., to Celanese Corp. of America. Varying denser producing pumps and drives. 2,821,742, 2-4-58, Cl. 18-8.
- Miller, William D., to Pan American Petroleum Corp. Method for perforating well formations. 2,846,011, 8-5-58, Cl. 166-22.
- Miller, William G., to Massey-Harris-Ferguson, Inc. Pitman connection. 2,837,357, 6-3-58, Cl. 287-89.
- Miller, William G., to Massey-Ferguson Inc. Self propelled swather. 2,850,861, 9-9-58, Cl. 56-23.
- Miller, William G., Jr., to Leeds and Northrop Co. Generation control system. 2,836,731, 5-27-58, Cl. 290-4.
- Miller, William J.: *See*—
Aten, Ralph W., Silvey, and Miller. 2,823,663.
- Sieber, Charles B. 2,841,995.
- Miller, William J. Roof mop structure. 2,847,689, 8-19-58, Cl. 15-131.
- Miller, William M.: *See*—
McCabe, Lynn B. 2,828,578.
- Miller, William M. Thresher having pneumatic spreader. 2,826,204, 3-11-58, Cl. 130-27.
- Miller, William S., and F. T. Borkowsky; said Borkowsky assor. to said Miller. Refrigerator-type ice cream freezer. 2,850,268, 9-2-58, Cl. 259-119.
- Miller, William T., to Minnesota Mining and Mfg. Co. Preparation of perhalofluoroolefins. 2,842,603, 7-8-58, Cl. 260-653.
- Miller, William T., to United States of America, Atomic Energy Commission. Process for zinc chloride activating a dehalogenation reaction. 2,848,505, 8-19-58, Cl. 260-653.
- Miller, William T., to Minnesota Mining and Mfg. Co. Condensation reactions. 2,864,867, 12-16-58, Cl. 260-609.
- Miller, Willie M. S. Cosmetic dispenser. 2,823,681, 2-18-58, Cl. 132-83.
- Miller, Woodford D., and W. S. Kunzler, to Robertshaw-Fulton Controls Co. Thermostatic control device for fuel burners. 2,837,287, 6-3-58, Cl. 236-99.
- Millers Falls Co.: *See*—
Addis, Wendell A. 2,856,975.
- Huxtable, Leonard G., and Staiger. 2,839,817.
- Moretti, Whitfield, and Cranmore. 2,839,098.
- Millership, Ronald, to Elliott Brothers (London) Ltd. Means for delaying electric impulses. 2,837,721, 6-3-58, Cl. 333-30.
- Millierwise, Carl H., to American Radiator & Standard Sanitary Corp. Solenoid valve. 2,857,127, 10-21-58, Cl. 251-141.
- Millierwise, Carl H., to American Radiator & Standard Sanitary Corp. Snap switch-large air gap. 2,861,142, 11-18-58, Cl. 200-67.
- Millet, Jacques: *See*—
Teszner, Stanislas, and Millet. 2,848,360.
- Milleville, Bertram J.: *See*—
Carr, Laurence H., and Milleville. 2,823,007.
- Milleville, Bertram J., to Edward Valves, Inc. Valve operator. 2,845,814, 8-5-58, Cl. 74-509.
- Milleville, Bertram J., and E. F. Fisher, Jr., to Edward Valves, Inc. Valve operating methods. 2,855,940, 10-14-58, Cl. 137-1.
- Millhiser, Frederick R., to E. I. du Pont de Nemours and Co. Terpolymers including vinylarenesulfonic acids and acrylonitrile. 2,837,501, 6-3-58, Cl. 260-79.3.
- Millhoff, Ohio Co., to The Nye Rubber Co. Mold separator device. 2,859,477, 11-11-58, Cl. 18-42.
- Millidge, Alfred F.: *See*—
Armstrong, Godfrey P., and Millidge. 2,825,740.
- Elce, Alec, Graham, Millidge, Robson, and Young. 2,861,923.
- Milligan, Charles H.: *See*—
Sidun, William L., Brown, and Milligan. 2,853,363.
- Milligan, William B.: *See*—
Rolfson, Francis B., and Milligan. 2,838,644.
- Millikan, Allen F.: *See*—
Fierce, William L., and Millikan. 2,841,472.
- Milliken, Le Roy C. Sorting machines. 2,853,188, 9-23-58, Cl. 209-82.
- Milliken, Thomas H., and W. L. Weidman, to Houdry Process Corp. Preparation of porous kaolin catalysts. 2,840,530, 6-24-58, Cl. 252-155.
- Milliken, Thomas H., Jr.: *See*—
Donovan, Joseph J., and Milliken. 2,848,422.
- McEvoy, James E., and Milliken. 2,825,699.
- Mills, George A., and Milliken. 2,840,528.
- Milliken, William F., and D. W. Whitcomb, to General Motors Corp. Automotive vehicle having free control and stability features. 2,865,462, 12-23-58, Cl. 180-79.2.
- Milliron, James P. Fish catching device. 2,836,000, 5-27-58, Cl. 43-36.
- Millis, Keith D., A. P. Gagnebin, and N. B. Pilling, to The International Nickel Co., Inc. Method of heat treating cast iron. 2,835,619, 5-20-58, Cl. 148-21.7.
- Millis, Walter T., to General Electric Co. Tube mount support. 2,835,843, 5-20-58, Cl. 313-292.
- Millman, Nathan, and R. E. Homm, to Ortho Pharmaceutical Corp. Applicator. 2,854,978, 10-7-58, Cl. 128-285.
- Millman, Victor, to General Dynamics Corp. Protective device for jet engines. 2,846,023, 8-5-58, Cl. 183-51.
- Millner, Beverly R. Self locking window casing. 2,841,254, 7-1-58, Cl. 189-75.
- Mills, Bernard D.: *See*—
Wright, Walter W., Smyth, and Mills. 2,854,601.
- Mills, Calvin G. K. Helicopter. 2,835,457, 5-20-58, Cl. 244-17.19.
- Mills, Charles E. Shoulder shields for clothes hangers. 2,820,583, 1-21-58, Cl. 223-88.
- Mills, Charles H. Fixture for holding curtain rod brackets. 2,840,335, 6-24-58, Cl. 248-261.
- Mills, Charles R.: *See*—
Duhnkack, George B., and Mills. 2,822,345.
- Mills, Clayton E. Tethered model airplanes. 2,849,833, 9-2-58, Cl. 46-77.
- Mills, Edward K., Jr. Convertible sofa or passenger seat. 2,835,901, 5-27-58, Cl. 5-9.

- Mills, Edward K., Jr. Safety-seat for vehicles. 2,861,626, 11-25-58, Cl. 155-189.
- Mills, Edward L. Wrench socket for washer-type nuts having a lip on one side. 2,826,108, 3-11-58, Cl. 81-90.
- Mills, Edward O., to Mills Machine Co. Drag bit. 2,830,794, 4-15-58, Cl. 255-61.
- Mills, Edwin R., to The New York Trust Co., and J. H. Baile, trustees. Heat compensator for electric blanket control units. 2,840,680, 6-24-58, Cl. 219-20.
- Mills, George A., to Houdry Process Corp. Clay catalysts. 2,863,839, 12-9-58, Cl. 252-450.
- Mills, George A., and T. H. Miliken, Jr., to Houdry Process Corp. Method of preparing catalyst for reforming gasoline. 2,840,528, 6-24-58, Cl. 252-442.
- Mills, George A., and G. Talvenheimo, to Houdry Process Corp. Preparation of kaolin catalysts. 2,848,423, 8-19-58, Cl. 252-449.
- Mills, George A., S. W. Weller, and L. W. Wright, to Houdry Process Corp. Process for catalytic dehydrogenation of hydrocarbons and their derivatives. 2,854,492, 9-30-58, Cl. 260-668.
- Mills, George E. Janitor's cart. 2,831,698, 4-22-58, Cl. 280-47.35.
- Mills, George L., to Bates Mfg. Co. Method and apparatus for forming decorative fabrics. 2,845,094, 7-29-58, Cl. 139-47.
- Mills, George S.: See—
- Haxo, Henry E., Jr., and Mills. 2,844,548.
- Mills, George S., to United States Rubber Co. Method of co-coagulating resin treated lignin and a rubber latex and product obtained thereby. 2,845,397, 7-29-58, Cl. 260-3.
- Mills, Herbert E. Safety handle. 2,849,891, 9-2-58, Cl. 74-504.
- Mills, Ivor W., to Sun Oil Co. Aromatics separation process. 2,819,326, 1-7-58, Cl. 260-674.
- Mills, Ivor W., to Sun Oil Co. Process and apparatus for elevating granular solids. 2,839,339, 6-17-58, Cl. 302-66.
- Mills, Ivor W., to Sun Oil Co. Treatment of silica gel. 2,853,454, 9-23-58, Cl. 252-413.
- Mills, Ivor W., to Sun Oil Co. Method of annealing aluminum. 2,861,020, 11-18-58, Cl. 148-13.1.
- Mills, Ivor W., to Sun Oil Co. Conditioning hydrocarbon stocks for catalytic reaction. 2,865,838, 12-23-58, Cl. 208-90.
- Mills, Ivor W., and W. E. Bonnet, to Sun Oil Co. Hydrotreating followed by heat stabilizing. 2,846,356, 8-5-58, Cl. 196-24.
- Mills, Ivor W., and P. B. Murray, to Sun Oil Co. Refining mineral oil with oxygen and magnetically separated bauxite containing iron. 2,850,433, 9-2-58, Cl. 196-29.
- Mills, James M. Camera photographic flashlight attachment. 2,839,668, 6-17-58, Cl. 240-1.3.
- Mills, John A., to Kapella Ltd. Optical testing apparatus for measuring deviation of points from a plane. 2,821,104, 1-28-58, Cl. 88-14.
- Mills, Joseph A. W., and H. L. Holt, to Dowty Hydraulic Units Ltd. Mine roof supports. 2,857,125, 10-21-58, Cl. 248-354.
- Mills Machine Co.: See—
- Mills, Edward O. 2,830,794.
- Mills, Roy L. Lunch box. 2,820,878, 1-21-58, Cl. 219-35.
- Millsbaugh, Louise N.: See—
- Nordell, Carl H. 2,839,197.
- Nordell, Carl H. 2,852,464.
- Millville Mfg. Co.: See—
- Wood, Richard D., Jr., and Gould. 2,852,407.
- Milne, Donald Y., to Maremont Automotive Products, Inc. Means for determining the effectiveness of sound reducing means. 2,844,210, 7-22-58, Cl. 181-5.
- Milne, James M., and H. N. Schneider, to General Electric Co. Electric circuit breaker. 2,835,769, 5-20-58, Cl. 200-150.
- Milner, Geoffrey: See—
- Rusehin, Kurt, and Milner. 2,829,034.
- Milner, Jeremiah, to Joymol (Proprietary) Ltd. Production of edible protein products from fish solubles. 2,857,278, 10-21-58, Cl. 99-14.
- Milner, Thomas G., Sr. Floating fish stringer. 2,852,173, 9-16-58, Cl. 224-7.
- Milnes, James A.: See—
- Coleman, William E., and Milnes. 2,852,195.
- Milo, Michael G., to Western Electric Co., Inc. Method of stripping tin and tin alloy surface coatings from iron and iron alloy articles. 2,842,435, 7-8-58, Cl. 75-98.
- Milprint, Inc.: See—
- Fauls, Everett S., Jr., and Rusch. 2,852,256.
- Hultkrans, Paul B., and Perino. 2,836,941.
- Rosen, Shy. 2,824,575.
- Rusch, Kenneth A. 2,820,497.
- Thompson, Walter S., and Rosen. 2,843,988.
- Milroy, John M., Jr. Pistol firearm with spring-retained recoil bolt. 2,851,929, 9-16-58, Cl. 89-194.
- Milsco Mfg. Co.: See—
- Swenson, Carl T. 2,833,342.
- Swenson, Carl T. 2,836,225.
- Swenson, Carl T. 2,836,227.
- Milso Mfg. Co.: See—
- Cramer, Henry G., and Galbraith. 2,827,106.
- Milster, Arthur N., to Wagner Electric Corp. Controlled interrupter for variable-speed tachometer. 2,823,091, 2-11-58, Cl. 346-18.
- Milstein, Herman, to Aircraft Hinges Co. Hinge-mounting and drill-guiding means. 2,850,925, 9-9-58, Cl. 77-62.
- Milstine, Albert H.: See—
- Achler, Maurice E., and Milstine. 2,827,956.
- Achler, Maurice E., and Milstine. 2,828,817.
- Achler, Maurice E., and Milstine. 2,844,199.
- Achler, Maurice E., and Milstine. 2,849,063.
- Milton, Kirby M., to Eastman Kodak Co. Plasticization of gelatin with dialkoxypolyoxy-alkylene glycols. 2,860,980, 11-18-58, Cl. 96-94.
- Milton, Leonard: See—
- First, Mervin H., and Milton. 2,835,874.
- Milton Mfg. Co., Inc.: See—
- Mazeika, Albert. 2,865,695.
- Milton, Robert H., 1/2 to T. W. Milton. Door holding and closing mechanism. 2,861,291, 11-25-58, Cl. 16-65.
- Milton, Robert M., to Union Carbide Corp. Filter for tobacco smoke. 2,839,065, 6-17-58, Cl. 131-10.
- Milton, Thomas W.: See—
- Milton, Robert H. 2,861,291.
- Milwaukee Electric Tool Corp.: See—
- Ristow, Edward W., and Behlke. 2,824,455.
- Rothweiler, Richard C. 2,854,831.
- Milwaukee Faucets, Inc.: See—
- Zetting, Rudolf P. 2,846,691.
- Milwitt, William, to Radio Corp. of America. Automatic gain control circuits. 2,834,877, 5-13-58, Cl. 250-20.
- Mims, Bruce L., to The Barden Corp. Curvature gauge. 2,821,023, 1-28-58, Cl. 33-174.
- Mims, Philip B. Window conservatory. 2,834,441, 5-13-58, Cl. 189-64.
- Min, Kwan S. Electric flashlights. 2,825,797, 3-4-58, Cl. 240-64.
- Minami, Masatsugu. Apparatus for the drying of thin wood sheet. 2,823,467, 2-18-58, Cl. 34-155.
- Mincher, Clarence C., and P. A. Endriss, to Hardwick & Magee Co. Method of making pile fabric. 2,853,103, 9-23-58, Cl. 139-39.
- Minder, Peter M., to McGraw-Edison Co. Arrangement for switching shunt capacitor banks. 2,830,234, 4-8-58, Cl. 317-11.
- Minder, Robert J.: See—
- Fowler, Frank E., and Minder. 2,861,671.
- Mindermann, Fritz: See—
- Keller, Ernst, Stocker, and Mindermann. 2,858,303.
- Mindheim, Daniel, and H. C. Lindemann, to Lindly & Co. Slub marking mechanism. 2,834,206, 5-13-58, Cl. 73-159.
- Mindrum, Kenneth H., to United States of America, Army. Front and rear suspension system for transporter. 2,833,553, 5-6-58, Cl. 280-124.
- Mine Safety Appliances Co.: See—
- Austin, Harry W. 2,835,250.
- Austin, Harry W. 2,853,708.
- Austin, Harry W. 2,855,604.
- Austin, Harry W., Hornickel, and Sietam. 2,844,820.
- Becker, Earl M. 2,850,012.
- Brochetti, Raymond E. 2,829,867.
- Brochetti, Raymond E. 2,859,940.
- Brochetti, Raymond E., and Hohos. 2,829,908.
- Bub, Robert A. 2,831,550.
- Campana, Robert J., and King. 2,842,964.
- Hamilton, William C., and Bovard. 2,852,023.
- Hollobaugh, Robert C., and Strange. 2,853,873.
- Jacobson, Moses G. 2,831,351.
- Jacobson, Moses G. 2,861,926.
- Jacobson, Moses G., Gilfert, De Luca, and Mruk. Re. 24,436.
- McConnaughey, Paul W. 2,839,368.
- McConnaughey, Paul W. 2,854,977.
- McConnaughey, Paul W. 2,855,280.
- Michael, Paul L., Borsh, and Strange. 2,824,558.
- Punton, Charles W., and Fisher. 2,851,388.
- Putman, Laurel E., and Turner. 2,845,199.
- Roth, Herman P. 2,858,544.
- Roth, Harold H. 2,864,747.
- Strange, John P. 2,823,985.
- Temple, Robert. 2,858,908.
- Mineck, Fred. Stabilizer for automotive front end suspensions. 2,822,155, 2-4-58, Cl. 280-96.2.
- Mineck, Fred. Automotive idler arm stabilizer. 2,841,412, 7-1-58, Cl. 280-95.
- Minella, Lillian H. Flush tank valve. 2,832,963, 5-6-58, Cl. 4-57.
- Miner, Carl S., Jr.: See—
- Arnold, Melvin R., Bryan, and Miner. 2,846,396.
- Wenaas, Paul E., and Miner. 2,846,321.
- Miner, Carroll R., to General Electric Co. Low-torque detent mechanism. 2,836,082, 5-27-58, Cl. 74-527.
- Miner, Charles H., to The Miner Pulley and Transmission Co. Manually adjustable variable pitch V-type pulley. 2,852,951, 9-23-58, Cl. 74-230.17.
- Miner Pulley and Transmission Co., The: See—
- Kolesa, Thomas J. 2,850,989.
- Miner, Charles H. 2,852,951.
- Mulcahy, Harry W. 2,850,174.
- Withall, William E. 2,850,176.
- Withall, William E. 2,854,149.
- Miner, Robert C., to International Harvester Co. Fifth wheel coupler. 2,833,559, 5-6-58, Cl. 280-434.
- Miner, W. H., Inc.: See—
- Dentler, Arnold E. 2,861,696.
- Forssell, Eric G. 2,837,221.
- Mulcahy, Harry W. 2,846,083.
- Mulcahy, Harry W. 2,858,030.
- Mulcahy, Harry W. 2,861,697.
- Withall, William E. 2,855,112.

- Minera, Salvador A. Fruit stemming machine. 2,819,745, Minneapolis-Honeywell Regulator Co.: *See*—Continued
1-14-58, Cl. 146-55.
- Minera, Salvador A. Slipper. 2,829,448, 4-8-58, Cl. 36-58.5.
- Minera, Salvador A. Fishing kite. 2,862,326, 12-2-58, Cl. 43-43.13.
- Minerals & Chemicals Corp. of America: *See*—
Crowe, John H. 2,865,731.
Haden, Walter L., Jr., and Martin. 2,819,210.
- Mingasson, Georges R. H.: *See*—
Sureau, Robert F. M., and Mingasson. 2,840,552.
- Mingledorff, Walter L., Jr.: *See*—
Carpenter, Walter H., and Mingledorff. 2,836,037.
- Mingledorff's, Inc.: *See*—
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- Mingrone, Frank V.: *See*—
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- Miniatur Kugallager A. G.: *See*—
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- Miniature Organ Enterprises, Inc.: *See*—
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- Minick, Edward. Chock block. 2,858,906, 11-4-58, Cl. 188-32.
- Minier, Eudoxie G. Electric heaters for showers. 2,866,884, 12-30-58, Cl. 219-39.
- Minieri, Pasquale P., M. C. Firman, and H. Sokol, to American Cyanamid Co. Deionized corn steep liquor in production of tetracycline. 2,866,738, 12-30-58, Cl. 195-116.
- Minimax Akt.: *See*—
Betzler, Martin. 2,841,227.
- Mininberg, Harvey B. Combined speedometer signalling device. 2,866,022, 12-23-58, Cl. 200-56.
- Mininberg, Helen. Opening and closing device for slide fasteners. 2,835,952, 5-27-58, Cl. 24-205.15.
- Mining Corp. of Canada Ltd., The: *See*—
Burton, Reginald W. 2,839,387.
- Mining Engineering Co. Ltd., The: *See*—
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Duncan, Angus W. 2,865,494.
- Minister of Mines and Technical Surveys, Her Majesty the Queen in the right of Canada, as represented by the: *See*—
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- Minister of Supply, in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland: *See*—
Cary, Rex H. J. 2,826,756.
Coates, Harold, and Carter. 2,853,515.
Fayers, Alfred A., and Gates. 2,825,977.
Fayers, Alfred A., and Hine. 2,837,829.
Green, Harry N. 2,863,021.
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- Ministerio da Aeronautica, Director do Material, Aeroporto Santos-Dumont: *See*—
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- Ministry of Agriculture (The Institute for Fibres and Forest Products), The: *See*—
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- Mink-Dayton, Inc.: *See*—
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- Minke, Robert M. Door latch operating mechanism. 2,862,750, 12-2-58, Cl. 292-172.
- Minkler, Verle E.: *See*—
Strand, Karl I., and Minkler. 2,846,707.
- Minkow, Morse, to Underwood Corp. Signal generator error detector. 2,844,721, 7-22-58, Cl. 250-27.
- Minks, Floyd A., to Bell Telephone Laboratories, Inc. Fuse alarm systems. 2,821,697, 1-28-58, Cl. 340-250.
- Minneapolis Freeman Mfg. Co.: *See*—
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- Minneapolis-Honeywell Regulator Co.: *See*—
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- Rexer, Edward F. 2,844,494.
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 Stahl, William E. 2,836,367.
 Steward, Robert R., Jr. 2,826,733.
 Stokes, Konrad H., and Whitehead. 2,823,688.
 Stone, Albert E. 2,823,285.
 Tsang, Tung. 2,849,417.
 Williamson, Reginald M. 2,838,933.
 Williamson, Reginald M. 2,841,163.
 Williamson, Reginald M. 2,841,164.
 Wilson, Theodore J. 2,856,140.
- Minneapolis-Moline Co.: *See*—**
 Blackman, Thomas. 2,818,700.
 Evans, Thomas, Cleveland, and Beach. 2,839,980.
 Hedtke, Robert G. 2,815,972.
 Korsmo, Alfred, and Ronning. 2,831,307.
 Ronning, Martin. 2,862,717.
 Swenson, William E., and Nielsen. 2,838,940.
 West, Charles B., Jr. 2,826,029.
- Minneapolis Sheet Metal Works, Inc.: *See*—**
 Ponto, Meryln W. 2,839,171.
- Minneman, Milton J., and P. Marcus, to Avien, Inc.** Compensated liquid quantity measuring apparatus. 2,866,337, 12-30-58, Cl. 73—304.
- Minneman, Milton J., and A. S. Westneat, Jr., to The Martin Co.** Pulse time comparator. 2,866,893, 12-30-58, Cl. 250—27.
- Minner, Frank: *See*—**
 McHugh, Edward V. 2,860,444.
- Minnesota Mining and Mfg. Co.: *See*—**
 Ahlbrecht, Arthur H., and Brown. 2,841,573.
 Ahlbrecht, Arthur H., Friedlander, and Severson. 2,839,513.
 Anderson, Arthur A. 2,833,438.
 Anderson, Arthur A. 2,851,102.
 Barnhart, William S. 2,820,772.
 Barnhart, William S. 2,837,580.
 Barnhart, William S., and Wade. 2,831,004.
 Barnhart, William S., and Wade. 2,856,388.
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 Barnhart, William S., and Zollinger. 2,824,139.
 Barnhart, William S., and Zollinger. 2,824,884.
 Beck, Warren R., and Taylor. 2,842,446.
 Beck, Warren R., and Taylor. 2,853,393.
 Bollmeier, Emil W. 2,862,042.
 Bolstad, Archibald N. 2,842,520.
 Bovey, Frank A., and Abere. 2,826,564.
 Clark, Bryce L., and Miller. Re. 24,554.
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 Crawford, George H., Jr. 2,856,420.
 Dipner, Charles D. 2,834,993.
 Dittman, Albert L., Passino, and Wrightson. 2,837,505.
 Dunning, Robert M. 2,834,457.
 Errede, Louis A., and Hopwood. 2,864,865.
 Eubank, William R., and Beck. 2,863,782.
 Fritts, Robert W., and Karrer. 2,858,350.
 Gergen, James B., and Wartman. 2,825,282.
 Hall, Myron W. 2,824,851.
 Hanford, William E. 2,820,027.
 Herbst, Ralph L., Jr., and Landrum. 2,842,524.
 Herbst, Ralph L., Jr., and Landrum. 2,842,528.
 Herr, Robert. 2,861,133.
 Hetherington, Alexander C. 2,866,721.
 Holmen, Reynold E. 2,859,240.
 Honn, Francis J. 2,866,766.
 Honn, Francis J., and Sims. 2,833,752.
 Hopwood, Stafford L., Jr., and Errede. 2,864,855.
 Hoyt, John M. 2,834,766.
 Hoyt, John M. 2,834,767.
 Hoyt, John M. 2,836,582.
 Hoyt, John M. 2,843,575.
 Johnson, Wayne R. 2,836,650.
 Johnson, Wayne R. 2,836,651.
 Johnson, Wayne R. 2,842,756.
 Johnson, Wayne R. 2,845,484.
 Jupa, Julius A. 2,834,992.
 Kean, Leonard. 2,838,380.
 Kean, Leonard. 2,838,780.
 Lo, Elizabeth S. 2,828,274.
 Lo, Elizabeth S. 2,837,503.
 Lo, Elizabeth S. 2,856,435.
 Miller, Carl S., and Kubrmeier. 2,844,733.
 Miller, Theodore J., and Gotbier. 2,842,902.
 Miller, Theodore J., and Gotbier. 2,843,469.
 Miller, William T. 2,842,603.
 Miller, William T. 2,864,867.

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- Nestor, Leonard R. 2,862,806.
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 Passino, Herbert J., and Wrightson. 2,844,555.
 Radimer, Kenneth J. 2,841,544.
 Randall, John L., and Pearson. 2,862,024.
 Rearick, John S., and Schaaf. 2,831,901.
 Rendall, John L., and Husted. 2,844,599.
 Robb, Lester E. 2,828,273.
 Robb, Lester E. 2,854,699.
 Robb, Lester E. 2,862,244.
 Robb, Lester E., and Conroy. 2,820,776.
 Robb, Lester E., and Wolf. 2,849,412.
 Roberts, Frederick N., and West. 2,823,146.
 Rollie, Robert D. 2,853,185.
 Smith, Richard A. 2,866,765.
 Snell, Robert B. 2,864,882.
 Sohl, William E. 2,838,421.
 Tiers, George V. D. 2,846,472.
 Wear, Robert L. 2,847,395.
 West, Fred W. 2,828,236.
 West, Fred W. 2,862,899.
 West, Fred W. 2,866,723.
 West, Fred W., and Roberts. 2,866,764.
 Wujciak, Donald W., Wade, and Barnhart. 2,824,897.
- Minnesota and Ontario Paper Co.: *See*—**
 Barrett, William H. 2,830,555.
 Larson, Carl A. 2,856,056.
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- Minnesota Valley Natural Gas Co.: *See*—**
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- Minnick, Leonard J., and Presgrave, to G. and W. H. Corson, Inc.** Electric current producing cell and method of producing current using the same. 2,863,933, 12-9-58, Cl. 136—6.
- Mino, Guido, to American Cyanamid Co.** Copolymerization of acrylonitrile employing azo-bis-arylalkane catalysts. 2,846,424, 8-5-58, Cl. 260—85.5.
- Mino, Guido, to American Cyanamid Co.** Polymerization of water-soluble unsaturated monomers with hydrogen atoms. 2,861,982, 11-25-58, Cl. 260—80.
- Minock, Robert M.** Method of making a mould for producing rings and the like. 2,840,895, 7-1-58, Cl. 29—433.
- Minor, Burt S., to Regan Forge and Engineering Co.** Conical-type blowout preventer. 2,846,178, 8-5-58, Cl. 251—2.
- Minor, J. C.** Implement for utilizing broken hack-saw blades. 2,827,086, 3-18-58, Cl. 145—111.
- Minow, Lawrence I.: *See*—**
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- Minsk, Louis M.: *See*—**
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- Minsk, Louis M., to Eastman Kodak Co.** Resinous carboxy ester-lactones and process for preparing them. 2,861,056, 11-18-58, Cl. 260—78.3.
- Minsk, Louis M., and F. C. Duennebier, to Eastman Kodak Co.** Photographic emulsions containing polymeric color formers. 2,852,381, 9-16-58, Cl. 96—97.
- Minster Machine Co., The: *See*—**
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- Minteer, Dorothy C.** Artificial illuminated tree. 2,857,506, 10-21-58, Cl. 240—10.
- Minter Brothers, Inc.: *See*—**
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- Minter, Clarke C.** Current regulator tube. 2,860,223, 11-11-58, Cl. 201—63.
- Minter, Herbert F., and J. Swiss, to Westinghouse Electric Corp.** Polyester resinous molding compositions and electrical conductor formed therewith. 2,840,538, 6-24-58, Cl. 260—40.
- Minter, John O.: *See*—**
 Allen, Thomas O., McDuffie, and Minter. 2,856,001.
- Minter, Marvin J.: *See*—**
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- Minto, John L.: *See*—**
 Elliott, Richard M., and Minto. 2,827,705.
- Minton, Clarence W., to May Hosiery Mills.** Knitted fabric and method of transfer knitting. 2,847,838, 8-19-58, Cl. 66—24.
- Minton, Clarence W., to The Torrington Co.** Knitting machine needle. 2,849,872, 9-2-58, Cl. 66—121.
- Minton, Leslie A.** Trailer hitch with multiple pivot axes. 2,847,233, 8-12-58, Cl. 280—504.
- Minton, Robert M., to A. H. Hammer.** Fishing rod holder. 2,840,330, 6-24-58, Cl. 248—41.
- Minturn, Robert E.: *See*—**
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- Mintz, Henry A.** Rotatable work holder in pencil stamping machines. 2,834,283, 5-13-58, Cl. 101—11.
- Mintz, Martin, G. D. Shere, M. F. Thompson, and Wittkopf, to North American Aviation, Inc.** Magnetic amplifier. 2,843,818, 7-15-58, Cl. 321—16.
- Mintz, Philip S.** Method of stabilizing foundations. 2,833,858, 9-30-58, Cl. 61—51.
- Mintzer, John H., to Sylvania Electric Products Inc.** Expanded scale line meter. 2,841,766, 7-1-58, Cl. 324—131.
- Mira, zavody na pletene a stavkove zbozi, narodni podnik: *See*—**
 Svaty, Vladimir, Mohelnicky, and Zahradnik. 2,855,959.
- Miracle Lure, Inc.: *See*—**
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- Miracle Strip Corp., The: *See*—
Markman, Moe. 2,846,712.
- Mires, Joseph E., and W. Skillen, to Somerville Ltd. Foldable cartons. 2,828,901, 1-1-58, Cl. 229-39.
- Mirick, Elmer W., to United States Steel Corp. Automatic shear for cutting strip. 2,860,704, 11-18-58, Cl. 164-47.
- Mirkovich, Vladimir V.: *See*—
McGeer, James P., Mirkovich, and Phillips. 2,858,198.
- Miro-Flex Co., Inc.: *See*—
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- Miron, Roy R. H.: *See*—
Day, Harold M., Dugliss, and Miron. 2,822,343.
- Miron, Simon, to The American Oil Co. Preventing color formation in gasoline. 2,849,373, 8-26-58, Cl. 196-29.
- Miron, Walter F. Fish holding device. 2,834,041, 5-13-58, Cl. 17-8.
- Mirro Aluminum Co.: *See*—
Morz, Edward J. 2,862,719.
- Mirror Insulation Co., Inc.: *See*—
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- Mirviss, Stanley B.: *See*—
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- Mirviss, Stanley B., and E. J. Inchalik, to Esso Research and Engineering Co. Preparation of straight chain acids. 2,827,458, 3-18-58, Cl. 250-510.
- Mirviss, Stanley B., and C. F. Marsden, Jr., to Esso Research and Engineering Co. Use of phosgene to improve resin yield. 2,865,900, 12-23-58, Cl. 260-82.
- Misch, Herbert L.: *See*—
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- Misek, Victor A., to Raytheon Mfg. Co. Electronic phase shifter. 2,859,342, 11-4-58, Cl. 250-27.
- Misek, Victor A., to Sanders Associates, Inc. Electromagnetic modulator device. 2,862,188, 11-25-58, Cl. 332-51.
- Misek, Victor A., and K. Dollinger, to Sanders Associates, Inc. Electromagnetic modulator. 2,863,124, 12-2-58, Cl. 332-51.
- Miserochhi, Henry F.: *See*—
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- Mishelevich, Benjamin, to Westinghouse Air Brake Co. Automatic control of railway classification yard track switches. 2,863,991, 12-9-58, Cl. 246-2.
- Mishelevich, Benjamin, and S. H. Tsiang, to Westinghouse Air Brake Co. Light responsive control means. 2,826,995, 3-18-58, Cl. 104-26.
- Mishima, Kaiun. Process for making a fermented milk, and its product. 2,824,804, 2-25-58, Cl. 99-59.
- Misiura, Wiktor S. Aerator for bath or washing equipment. 2,848,203, 8-19-58, Cl. 261-124.
- Miskel, John J., to Chas. Pfizer & Co., Inc. Method of making drain-clear containers. 2,832,701, 4-29-58, Cl. 117-97.
- Miskel, John J., to Chas. Pfizer & Co., Inc. Method of encasing and sterilizing needles. 2,836,942, 6-3-58, Cl. 53-25.
- Miskel, John J., to Chas. Pfizer & Co., Inc. Hypodermic needle assembly. 2,857,913, 10-28-58, Cl. 128-221.
- Miskel, John J., to Chas. Pfizer & Co. Hypodermic syringe adapter. 2,861,366, 12-16-58, Cl. 128-221.
- Miskel, John J., C. H. Abbe, S. Sarasin, and H. G. Thulke, to Chas. Pfizer & Co., Inc. Machine for assembling disposable cartridges for hypodermic syringes. 2,841,937, 7-8-58, Cl. 53-276.
- Miskel, John J., H. Horner, and J. A. Lott, to Chas. Pfizer & Co., Inc. Squeeze bottle. 2,848,997, 8-26-58, Cl. 128-232.
- Miskel, John J., and K. T. Tancredi, to Chas. Pfizer & Co., Inc. Hypodermic syringe. 2,865,372, 12-23-58, Cl. 128-218.
- Miskell, Ford F., to Allis-Chalmers Mfg. Co. Rotary heat exchanger. 2,825,149, 3-4-58, Cl. 34-136.
- Miskella, William J. Apparatus for baking paint on automotive vehicles. 2,841,684, 7-1-58, Cl. 219-35.
- Miskella, William J. High heat infrared lamp holder. 2,844,699, 7-22-58, Cl. 219-34.
- Misovich, Ella A., and A. M. J. Remesch. Ironing aid. 2,821,797, 2-4-58, Cl. 38-141.
- Missel, Leo, to Menasco Mfg. Co. Method for electroplating titanium. 2,829,091, 4-1-58, Cl. 204-32.
- Missel, Leo, and J. O. Powell, to Menasco Mfg. Co. Process and composition for coating titanium surfaces. 2,825,682, 3-4-58, Cl. 204-38.
- Mission Mfg. Co.: *See*—
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- Mission Valley Canning Co., Inc.: *See*—
Tosello, Joseph. 2,851,248.
- Mississippi Towing Corp.: *See*—
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- Mistler, George R., to Westinghouse Electric Corp. Auxiliary electrode and shield for a low pressure discharge device. 2,824,255, 2-18-58, Cl. 313-216.
- Misto Gen Equipment Co.: *See*—
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- Mistretta, Vincent F.: *See*—
Schneider, Helmuth G., Goering, and Mistretta. 2,849,433.
- Mitacek, Bill, to Phillips Petroleum Co. Reclaiming used lubricating oil. 2,822,320, 2-4-58, Cl. 196-16.
- Mitchell, A. J., Co.: *See*—
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- Mitchell, Alex V., to Tung-Sol Electric Inc. Light responsive circuit. 2,848,658, 8-19-58, Cl. 317-148.5.
- Mitchell, Alexander: *See*—
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- Mitchell, Alexander H.: *See*—
Ochwat, Joseph F., and Mitchell. 2,829,590.
- Mitchell, Allen T., Sr. Plumbers carrying case. 2,822,081, 2-4-58, Cl. 206-16.
- Mitchell, Andrew, 3rd, to E. I. du Pont de Nemours and Co. Manufacture of cellular polyurethane plastics. 2,850,464, 9-2-58, Cl. 260-2.5.
- Mitchell, Boris J.: *See*—
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- Mitchell, Boris J., to General Motors Corp. Lubricating system. 2,865,351, 12-23-58, Cl. 123-90.
- Mitchell Camera Corp.: *See*—
Johnson, Gustav W. 2,832,556.
- Mitchell, Claybourne, and R. Blythe, to the United States of America as represented by the Secretary of the Navy. Variable resolution voltage controllable interferometer. 2,830,489, 4-15-58, Cl. 88-14.
- Mitchell, Colin C. Dashpot. 2,826,273, 3-11-58, Cl. 188-87.
- Mitchell, David G.: *See*—
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- Mitchell, Donald H.: *See*—
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- Mitchell, Donald O., and R. A. Carbery. Electrically heated butchering knives. 2,863,036, 12-2-58, Cl. 219-21.
- Mitchell, Doren, to Bell Telephone Laboratories, Inc. Radiant energy signaling system. 2,848,545, 8-19-58, Cl. 179-15.
- Mitchell, Fred E., to Stewart & Stevenson Services, Inc. Vertically mounted engine-driven pump assembly. 2,849,958, 9-2-58, Cl. 103-87.
- Mitchell, George A., to Lombard Corp. Stock supporting and conveying apparatus. 2,856,080, 10-14-58, Cl. 214-8.5.
- Mitchell, George A., to Lombard Corp. Draw carriage for drawbench. 2,861,679, 11-25-58, Cl. 205-3.
- Mitchell, George A., to Lombard Corp. Billet coring machine. 2,864,270, 12-16-58, Cl. 77-3.
- Mitchell, George R.: *See*—
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- Mitchell, Gerald A.: *See*—
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- Mitchell, Irving L., to Ebert Electronics Corp. Relay coil construction. 2,838,721, 6-10-58, Cl. 317-158.
- Mitchell, James M., to General Foods Corp. Rotary coconut filling device. 2,839,111, 6-17-58, Cl. 146-1.
- Mitchell, James S., to The Borden Co. Borated resins. 2,855,382, 10-7-58, Cl. 260-57.
- Mitchell, James S., to The Borden Co. Lamp basing cement containing boric acid and heat-curable formaldehyde condensation resin. 2,864,782, 12-16-58, Cl. 260-24.
- Mitchell, John, S. E. Orchard, H. J. Twitchett, and G. Woods, to Imperial Chemical Industries Ltd. Photographic process. 2,846,306, 8-5-58, Cl. 96-11.
- Mitchell, John, and H. J. Twitchett, to Imperial Industries Ltd. New monoazo compounds. 2,863,860, 12-9-58, Cl. 260-193.
- Mitchell, John D.: *See*—
Harrington, Joseph J., Jilcott, Mitchell, Jordan, and Stansfield. 2,828,030.
- Holliday, Jim B., Stansfield, Mitchell, Goldfarb, and Jilcott. 2,826,317.
- Mitchell, John D. Multiple spirit level. 2,820,302, 1-21-58, Cl. 33-207.
- Mitchell, John E., Co.: *See*—
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- Mitchell, John E., Co. Inc.: *See*—
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- Mitchell, John F.: *See*—
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- Mitchell, John G., to Celanese Corp. of America. Method of hardening cellulose acetate and apparatus suitable therefor. 2,838,489, 6-10-58, Cl. 260-230.
- Mitchell, John R., and W. T. Rollings, to G. O. Parachute Co. Ltd. Shock-absorbing air cushion. 2,840,194, 6-24-58, Cl. 188-87.
- Mitchell, Joseph E., to Colgate-Palmolive Co. Preparation of aromatic sulfonate salts. 2,847,459, 8-12-58, Cl. 260-505.
- Mitchell, Lester F., to Addressograph-Multigraph Corp. Tab removing tool for use with printing and like devices. 2,855,843, 10-14-58, Cl. 101-1.
- Mitchell, Lester F., and E. J. Janke, to Addressograph-Multigraph Corp. Cleaning device for rotary printing machine. 2,832,289, 4-29-58, Cl. 101-425.
- Mitchell, Lester F., and E. J. Janke, to Addressograph-Multigraph Corp. Cleaner for rotary printing machines. 2,832,290, 4-29-58, Cl. 101-425.
- Mitchell Mfg. Co.: *See*—
Blink, Robert O. 2,828,173.
Zucker, Armand S. 2,824,429.
- Mitchell, Melville J., to Massey-Ferguson Inc. Clutch kit for tractor drive wheels. 2,863,517, 12-9-58, Cl. 180-75.
- Mitchell, Murray: *See*—
Mitchell, William and M., and Nierenberg. 2,845,788.

- Mitchell, Orson L. Electrical connecting device. 2,825,882, 3-4-58, Cl. 339-183.
- Mitchell, Orville, to John E. Mitchell Co. Flow control valve. 2,827,077, 3-18-58, Cl. 137-510.
- Mitchell, Orville, to John E. Mitchell Co. Inc. Bearing mounting. 2,858,174, 10-28-58, Cl. 308-178.
- Mitchell, Princess. Hairpieces and method of hair preparation. 2,865,380, 12-23-58, Cl. 132-5.
- Mitchell, Presse B. Control apparatus. 2,825,781, 3-4-58, Cl. 200-81.5.
- Mitchell, Ralph I., to The Battelle Development Corp. Deagglomerator. 2,862,889, 12-2-58, Cl. 252-359.
- Mitchell, Raymond J. Neat Flowable connecting means for pipes and tubes. 2,857,178, 10-21-58, Cl. 285-287.
- Mitchell, Reginald F. Optical angle measuring device. 2,853,915, 9-30-58, Cl. 88-2.3.
- Mitchell, Reid L., to Rayonier Inc. High-alpha cellulose. Re. 24,486, 6-10-58, Cl. 106-163.
- Mitchell, Reid L., R. F. Bampton, and W. H. Wadman, to Rayonier Inc. Process for producing hydroxyethoxycellulose. 2,847,411, 8-12-58, Cl. 260-231.
- Mitchell, Robert, Co. Ltd., The: See—
Sonthem, Herman W. 2,856,041.
- White, John. 2,825,636.
- Mitchell, Robert E., to Minneapolis-Honeywell Regulator Co. Coordinated sonar systems with sector scan control apparatus. 2,826,726, 3-11-58, Cl. 318-29.
- Mitchell, Stanley F.: See—
Drieschman, Donald F., Goldfinger, and Mitchell. 2,837,686.
- Mitchell, Stanley J.: See—
Kimes, Robert, Kessler, and Mitchell. 2,855,923.
- Mitchell, Wallace F. Float valve. 2,827,915, 3-25-58, Cl. 137-421.
- Mitchell, Walter O., and J. E. Ahearn, to The Hommel Corp. Power operated screw driver. 2,829,685, 4-8-58, Cl. 144-32.
- Mitchell, Weldon S., to Boeing Airplane Co. Quick disconnect coupling. 2,819,912, 1-14-58, Cl. 284-19.
- Mitchell, William and M., and L. Nierenberg. Manufacture of furs. 2,845,788, 8-5-58, Cl. 69-22.
- Mitchell, William A., and W. C. Seidel, to General Foods Corp. Gelatin derivatives and their preparation. 2,834,771, 5-13-58, Cl. 260-117.
- Mitchell, William C., Jr.: See—
Miller, Richard H., and Mitchell. 2,820,119.
- Mitchell, William J. Hand- and foot-operated sink and lavatory faucet fixture. 2,830,618, 4-15-58, Cl. 137-599.
- Mitchelson, James W. Adjustable reclining chair and headrest therefor. 2,859,797, 11-11-58, Cl. 155-5.
- Mitescu, Stefan: See—
Turney, Arthur, Mitescu, and Zubrzycki. 2,824,723.
- Mithra A.-G.: See—
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- Mito, Hiroshi. Panorama camera. 2,863,713, 12-9-58, Cl. 95-16.
- Mitsubishi Kasei Kogyo Kabushiki Kaisha: See—
Tsukamoto, Tadashi, Suzuki, Heijo, Takebe, Sudo, and Tanaka. 2,823,226.
- Mittag, Hermann, and G. Bacher, to Robert Bosch, G. m. b. H. Combination spray and wiper arrangement for windshields and the like. 2,835,916, 5-27-58, Cl. 15-250.4.
- Mittag, Rudolf, and J. Smidt, to Consortium fur Elektrochemische Industrie G. m. b. H. Method of producing divinyl ether. 2,832,807, 4-29-58, Cl. 260-614.
- Mittel, Charles: See—
Levy, Ernest, Jr., and Mittel. 2,833,977.
- Mittelman, Edward R.: See—
Larson, Rodger G., Mittelman, and Walsh. 2,826,718.
- Mittelman, Edward R., and M. S. Wheeler, to the United States of America as represented by the Secretary of the Navy. Radar system. 2,825,053, 2-25-58, Cl. 343-5.
- Mittelstaedt, Walter E., to McGraw-Edison Co. 2,835,768, 5-20-58, Cl. 200-146.
- Mittelstaedt, Georg S. X-ray apparatus. 2,833,933, 5-6-58, Cl. 250-93.
- Mittendorf, Harvey C.: See—
Cowan, Frederick, Lacerenza, and Mittendorf. 2,829,277.
- Mittendorf, Harvey C., and K. S. Svendsen, to Combustion Engineering, Inc. Control for pulverizing mill. 2,831,637, 4-22-58, Cl. 236-14.
- Mittendorf, William R., to Avco Mfg. Corp. Clip for defroster-heaters. 2,819,858, 1-14-58, Cl. 248-54.
- Mittendorf, William R., to Avco Mfg. Corp. Defroster-heater and baffle installation for refrigerator. 2,826,047, 3-11-58, Cl. 62-103.
- Mitter, Laurence J.: See—
Brosene, William G., Jr., and Mitter. 2,843,104.
- Mitterer, Adolph V. Fuel condenser and strainer. 2,834,469, 5-13-58, Cl. 210-181.
- Mittins, Frank W.: See—
Bruck, John P., and Mittins. 2,842,170.
- Mittlesteadt, Glen L., to Herter's, Inc. Goose calls. 2,835,077, 5-20-58, Cl. 46-180.
- Mitz, Milton A., to Armour and Co. Coenzyme concentrates and methods for the preparation thereof. 2,828,302, 3-25-58, Cl. 260-211.5.
- Miville, Maurice E.: See—
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- Mix, Chauncey C., deceased, by G. M. Mix, executrix. Conductor-insulator clamp. 2,843,653, 7-15-58, Cl. 174-172.
- Mix, Gladys M.: See—
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- Mixermobile Manufacturers, Inc.: See—
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- Mixon, Floyd P. Tiller. 2,830,520, 4-15-58, Cl. 97-219.
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- Miyamoto, Toyoko: See—
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- Mizanty, John M. Tiered support for food and other articles. 2,862,627, 12-2-58, Cl. 211-163.
- Mize, William E., to Institutional Industries, Inc. Brake for wheel chair. 2,859,837, 11-11-58, Cl. 188-2.
- Mizushima, Kiyoshi: See—
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- Mizzoni, Renat H., to Ciba Pharmaceutical Products, Inc. New ganglionic blocking agents. 2,854,456, 9-30-58, Cl. 260-293.4.
- Mizzoni, Renat H., to Ciba Pharmaceutical Products, Inc. Monoheterocyclic compounds. 2,857,393, 10-21-58, Cl. 260-306.7.
- Mizzy, Arnold R. Medicinal syringe. 2,864,364, 12-16-58, Cl. 128-220.
- Mladinich, John L., to Monsanto Chemical Co. Process for preparing foamable carbon dioxide-containing styrene polymer composition and foamable composition thereof. 2,864,778, 12-16-58, Cl. 260-2.5.
- Mlavsky, Abraham I.: See—
Bradshaw, Stanley E., and Mlavsky. 2,851,342.
- Mlynarski, Alexander. Metronome. 2,841,950, 7-8-58, Cl. 58-130.
- Mo. Na. Cor.: See—
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- Moak, Otis W., to Esso Research and Engineering Co. Removing residual catalyst from resin polymerizate. 2,846,419, 8-5-58, Cl. 260-82.
- Moats, Gail B.: See—
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- Mobay Chemical Co.: See—
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- Hoppe, Peter, Weinbrenner, Muhlhausen, and Breer. Re. 24,514.
- Mobberley, Wyndham: See—
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- Moberg, Ivar O., to The New York Trust Co. and J. H. Baile, trustees. Method of and apparatus for weaving high and low pile fabrics. 2,860,664, 11-18-58, Cl. 139-46.
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- Moberg, Sigurd M., to E. J. Brooks Co. Sealing machine. 2,854,035, 9-30-58, Cl. 140-93.4.
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- Mobile Aerial Towers, Inc.: See—
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- Mobile Incinerators, Inc.: See—
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- Mobley, Ralph C., to Research Corp. Electron concentrating and energy transducing device. 2,853,645, 9-23-58, Cl. 315-5.18.
- Mocas, Verlin A., to The Richardson Co. Cover for storage battery. 2,848,527, 8-19-58, Cl. 136-177.
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- Mock, Frank C., to Bendix Aviation Corp. Internal combustion engine control. 2,818,847, 1-7-58, Cl. 123-103.
- Mock, Frank C., to Bendix Aviation Corp. Fuel system for gas turbine engines having means for avoiding compressor instability. 2,846,846, 8-12-58, Cl. 60-39.28.
- Mock, Leon R.: See—
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- Lubkin, Samuel, and Mock. 2,854,198.
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- Mock, Luther R., and E. K. Koppelman, to Madison Faessler Tool Co. Expanding tool with automatic reset. 2,839,121, 6-17-58, Cl. 153-82.
- Mock, Luther R., and E. K. Koppelman, to Madison-Faessler Tool Co. Method of inserting and sealing a closure in a plug hole. 2,847,757, 8-19-58, Cl. 29-423.
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- Mock, Richard A., and L. R. Morris, to The Dow Chemical Co. Vinylphenyl aliphatic aminocarboxylic acids. 2,840,603, 6-24-58, Cl. 260-518.
- Mock, Walter W., R. H. Bidle, A. G. Corliss, and H. E. Phifer, to Interchemical Corp. Printing ink vehicle. 2,825,657, 3-4-58, Cl. 106-239.
- Mockrin, Isadore: See—
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- Mockus, Edmund S.: *See—*
- Levy, Irving E., Mockus, and Spyt. 2,827,598.
- Mod, Robert R.: *See—*
- Magne, Frank C., Skau, and Mod. 2,863,845.
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- Modcraft Co., Inc.: *See—*
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- Model Engineering & Mfg., Inc.: *See—*
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- Kaiser, Francis T. 2,860,791.
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- Netteland, Loyal G. 2,852,022.
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- Modern Tool & Die Co.: *See—*
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- Kallstrom, Einar V. 2,845,284.
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- Modlinski, Witold M.: *See—*
- Stuart-Williams, Raymond, Modlinski, and Lo. 2,841,763.
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- Modloff, Jay T., to Dekalb Commercial Body Corp. Door structure. 2,822,899, 2-11-58, Cl. 189—46.
- Modney, William, to Eastman Kodak Co. Multicontrast printer control units. 2,847,903, 8-19-58, Cl. 88—24.
- Modny, Michael T., and J. P. Bambara. Vein stripper and a method of stripping veins. 2,863,458, 12-9-58, Cl. 128—303.
- Modoc Peat Moss Co.: *See—*
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- Modrey, Henry J., % to B. E. Smith. Elastic ropes and cables. 2,865,978, 12-23-58, Cl. 174—69.
- Modrey, Joseph, to The Farmingdale Corp. Floating non-sticking blades or vanes. 2,844,099, 7-22-58, Cl. 103—84.
- Moe, William W., to Time, Inc. Photoelectric method and apparatus. 2,828,424, 3-25-58, Cl. 250—207.
- Moe, William W., to Time, Inc. Glow lamp stabilizing system. 2,829,313, 4-1-58, Cl. 315—169.
- Moe, William W., to Time, Inc. Edge correcting system for visual image transference apparatus. 2,865,984, 12-23-58, Cl. 178—52.
- Moede, Jerome A., to E. I. du Pont de Nemours and Co. Process of preparing silver halide dispersions. 2,863,769, 12-9-58, Cl. 96—114.
- Moehring, William D., and C. F. Murphy, to Michigan Magnetics, Inc. Magnetic head for recorder and reproducer. 2,835,742, 5-20-58, Cl. 179—100.2.
- Moeller, Arthur E., to Ranzel Cord & Wire Co. Wire strippers. 2,818,756, 1-7-58, Cl. 81—9.51.
- Moeller, Axel, to Moeller Mfg. Co. Cam lever operated expandable closure with lever locking means. 2,822,103, 2-4-58, Cl. 215—53.
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- Moeller, Bernhard V.: *See—*
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- Moeller, Kurt G. F., to United States of America, Navy. Flexible noise isolating shaft coupling. 2,849,871, 9-2-58, Cl. 64—14.
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- Moeller, Gregory M., to Celanese Corp. of America. Spinning. 2,839,354, 6-17-58, Cl. 18—54.
- Moeltzner, Ernst F. W., to Landis Machine Co. Feeding and discharging mechanism for roll forming machines. 2,859,646, 11-11-58, Cl. 80—6.
- Moeltzner, Ernst F. W., and J. Hübl, to Landis Machine Co. Work feeding mechanism. 2,823,831, 2-18-58, Cl. 221—184.
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- Moen, Alfred M. Valve handle. 2,839,083, 6-17-58, Cl. 137—636.2.
- Moen, Alfred M. Mixing faucet. 2,854,999, 10-7-58, Cl. 137—625.17.
- Moen, Alfred M., and R. L. Langdon. Closure with magnetic retaining means. 2,826,328, 3-11-58, Cl. 220—40.
- Moen, Carl J., to Electro Voice, Inc. Anti-shock transducer. 2,835,735, 5-20-58, Cl. 179—1.
- Moen, Kenneth R. Surface projector. 2,829,895, 4-8-58, Cl. 273—129.
- Moerdyk, Earl M. Window screen. 2,840,162, 6-24-58, Cl. 160—377.
- Moerke, Ned H., to The Fluor Corp., Ltd. Manifold type pulsation dampeners. 2,841,236, 7-1-58, Cl. 181—40.
- Moerkens, Jozef C., to North American Philips Co., Inc. Gas or vapor discharge tube device. 2,829,310, 4-1-58, Cl. 315—98.
- Moerkens, Jozef C., to North American Philips Co., Inc. Low-pressure arc discharge tube arrangement. 2,829,311, 4-1-58, Cl. 315—138.
- Moerkens, Jozef C., to North American Philips Co., Inc. Igniting and operating circuit for discharge tubes. 2,838,714, 6-10-58, Cl. 315—97.
- Moerman, Nathan A. Reversible electronic decade counter. 2,841,705, 7-1-58, Cl. 250—27.
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- Moessen, Erich H. Flasher control switch for display devices. 2,853,568, 9-23-58, Cl. 200—32.
- Mofenson, Jack, to Raytheon Mfg. Co. Pulse generating circuits. 2,830,199, 4-8-58, Cl. 307—88.5.
- Moffat, Alexander W., to Handling Devices Co. Inc. Mobile suction floor cleaner. 2,824,335, 2-25-58, Cl. 15—345.
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- Moffett, Walter K., and J. D. Pickens, to E. I. du Pont de Nemours and Co. Coating compositions containing nitrocellulose, alkyl resin and polyester plasticizer, and article coated therewith. 2,838,464, 6-10-58, Cl. 260—16.
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- Mogensen, Allan O.: *See—*
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- Mogensen, Allan O., to American Cyanamid Co. Process of bleaching solid gelled acrylonitrile polymers with acidified chlorite and oxalic acid baths. 2,861,864, 11-25-58, Cl. 8—108.
- Mogensen, Fredrik K. Method and apparatus for classifying fine grained matter according to size. 2,853,191, 9-23-58, Cl. 209—315.
- Mogridge, George A. Printing plate location and affixing means. 2,821,026, 1-28-58, Cl. 33—184.5.
- Mogle, James C. Fishing tools. 2,853,335, 9-23-58, Cl. 294—102.

- Mogolis, Bruce W. Gauge tool. 2,844,877, 7-29-58, Cl. 33-147.
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- Mohnkern, Gerald E., to United States Steel Corp. Hydraulic subsurface pump and motor. 2,837,029, 6-3-58, Cl. 103-46.
- Mohr, Edgar H., and E. G. Huteson. Method of and means for refrigerating with Dry Ice. 2,850,885, 9-9-58, Cl. 62-372.
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- Mohr, Robert G., to The Brunswick-Balke-Collender Co. Friction device. 2,831,208, 2-22-58, Cl. 16-86.
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- Mohrman, Harold W.: *See*—
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- Mohs, Frank C. Handle removably applicable to the bails of containers. 2,821,739, 2-4-58, Cl. 16-114.
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- Moir, Douglas A., and G. G. Webber. Dispensing device. 2,837,251, 6-3-58, Cl. 222-490.
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- Moisan, Henry J. Pipe and tubing cutter. 2,859,514, 11-11-58, Cl. 30-101.
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- Mojonnier, Albert B. Carton filling apparatus. 2,841,936, 7-8-58, Cl. 53-266.
- Moklebust, Olav, to National Lead Co. Cooling arrangements for rotary kilns. 2,826,403, 3-11-58, Cl. 263-33.
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- Moks, Walter H., to Metals & Controls Corp. Thermostatic switch. 2,820,870, 1-21-58, Cl. 200-138.
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- Molene, Arthur W. Key post. 2,845,672, 8-5-58, Cl. 24-116.
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- Moline Tool Co., The: *See*—
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- Molins, Desmond W., to Molins Machine Co., Ltd. Machines for manipulating cut tobacco. 2,833,290, 5-6-58, Cl. 131-109.
- Molins, Desmond W., to Molins Machine Co., Ltd. Apparatus for the manufacture of mouthpiece cigarettes. 2,847,999, 8-19-58, Cl. 131-61.
- Mollins, Desmond W., F. F. Ruau, and N. W. Jackson, to Molins Machine Co., Ltd. Manufacture of mouthpiece cigarettes. 2,820,463, 1-21-58, Cl. 131-61.
- Molins, Desmond W., F. F. Ruau, deceased; C. M. Ruau, executrix, to Molins Machine Co., Ltd. Apparatus for making cigarettes. 2,864,380, 12-16-58, Cl. 131-94.
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- Molitor, Donald H. Portable holder for small tools. 2,842,260, 7-8-58, Cl. 206-17.
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- Moll, Bernhard, O. Kriegbaum, and A. Diem, $\frac{1}{2}$ to Union Rheinische Braunkohlen Kraftstoff Aktiengesellschaft, $\frac{1}{2}$ to said Kriegbaum, and $\frac{1}{2}$ to said Diem. Means for aerating water. 2,825,541, 3-4-58, Cl. 261-29.
- Moll, Bernhard, H. Sustmann, and A. Schneider, to Union Rheinische Braunkohlen Kraftstoff Akt. Method for the removal of petrifications, incrustations and other contaminating substances in wells, pipes, machine parts and like equipment by treatment with a gaseous acid. 2,850,098, 9-2-58, Cl. 166-42.
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- Moll, Charles J., Jr.: *See*—
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- Moll, John L., and C. D. Thurmond, to Bell Telephone Laboratories, Inc. Alloyed connections to semiconductors and manufacturing methods therefor. 2,831,786, 4-22-58, Cl. 148-15.
- Moll, Robert, to Societe Anonyme Mipsa. Hydraulic control installations for machine tools and operating means therefor. 2,863,423, 12-9-58, Cl. 121-45.
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- Molla, Charles P. Leg units for knockdown chairs. 2,851,091, 9-9-58, Cl. 155-196.
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- Molle, Ernest D., to The Sherwin-Williams Co. Multiple color paint tray. 2,838,781, 6-17-58, Cl. 15-121.1.
- Mollenberg, Leroy, to General Electric Co. Dual-voltage alternating-current motor. 2,860,296, 11-11-58, Cl. 318-221.
- Moller, Bynum W., and H. L. Courtney. Circulation port assemblies for tubing or well pipe. 2,855,943, 10-14-58, Cl. 137-70.
- Moller, Carl H., to C. Moller. Movable screen for eaves troughs. 2,841,100, 7-1-58, Cl. 103-30.
- Moller, Christine: *See*—
Moller, Carl H. 2,841,100.
- Moller, Edward B. Amalgam carrier and ejector. 2,837,824, 6-10-58, Cl. 32-60.
- Moller, Goran A., to American Mollerizing Corp. Process for coating and hardening steel. 2,857,300, 10-21-58, Cl. 143-15.
- Möller, Hugo, to Svenska Aeroplan Aktiebolaget. Hydraulic forming attachment for presses. 2,861,531, 11-25-58, Cl. 113-44.
- Moller, Martin T. Egg holder for incubator tray. 2,846,976, 8-12-58, Cl. 119-43.
- Möllering, Alexander: *See*—
Arentoft, Holger and H., and Möllering. 2,830,904.
- Möllering, Karl F.: *See*—
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- Mollner, William J. Gas cleaning apparatus. 2,839,153, 6-17-58, Cl. 183-13.
- Mollohan, Eugene W. Chisel or sickle type lawn edger. 2,854,805, 10-7-58, Cl. 56-26.5.
- Molloy, James W. Metal sheeting safety lock. 2,833,119, 5-6-58, Cl. 61-63.
- Molloy, Robert D., to Textron Inc. Method of forming wave guides. 2,826,524, 3-11-58, Cl. 154-83.
- Molnar, Imre, to General Telephone Laboratories, Inc. Alternative trunking in telephone systems controlled by overflow trunks and common directors. 2,857,467, 10-21-58, Cl. 179-18.
- Molnar, Imre, to General Telephone Laboratories, Inc. Electronic busy test circuit. 2,866,004, 12-23-58, Cl. 179-18.
- Molnar, Julius P., to Bell Telephone Laboratories, Inc. Magnetrans. 2,824,998, 2-25-58, Cl. 315-39.
- Moloney Electric Co.: *See*—
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- Moloney, John S., to Polymer Corp. Ltd. Compensating pipe support. 2,841,347, 7-1-58, Cl. 248-49.

- Moloney, Raymond T.:** *See—*
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 Burnside, Walter M. 2,862,079.
 Burnside, Walter M. 2,864,619.
 Hooker, Donald E. 2,825,565.
 Hooker, Donald E. 2,855,203.
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- Molotsky, Hyman M., and E. G. Ballweber,** to Velsicol Chemical Corp. Production of halogenated compounds 2,829,147, 4-1-58, Cl. 260—343.2.
- Molstad, Melvin C., to W. R. Grace & Co.** Manufacture of silicon tetrafluoride. 2,833,628, 5-6-58, Cl. 23—205.
- Molstedt, Byron V., to Esso Research and Engineering Co.** Coking process and apparatus. 2,847,365, 8-12-58, Cl. 196—75.
- Molt, Richard P., to Standard Railway Equipment Mfg. Co.** Tapered pole and process of forming the same. 2,825,431, 3-4-58, Cl. 189—23.
- Molter, Richard C., and H. R. Swift,** to Libbey-Owens-Ford Glass Co. Ultra-violet light absorbing glass. 2,860,059, 11-11-58, Cl. 106—52.
- Molyneux, Robert J., and K. H. Walkoe,** to General Electric Co. Electric heating apparatus. 2,822,453, 2-4-58, Cl. 219—20.
- Molyneux, Grevor C., J. B. McMahon, and J. Blackler,** to The Molyneux Helicopter Co. Proprietary Ltd. Constant velocity drive means. 2,827,777, 3-25-58, Cl. 64—21.
- Molyneux Helicopter Co. Proprietary Ltd. The:** *See—*
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- Momtchiloff, Ivan N., to The Austin Motor Co., Ltd.** Valve-operating mechanism for overhead valve internal combustion engines. 2,844,132, 7-22-58, Cl. 123—90.
- Mona Industries, Inc.:** *See—*
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- Monacci, Arturo A.:** *See—*
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- Monack, Albert J., and M. V. Kiebert, Jr., to Mycalex Electronics Corp.** Rotary switching device and contact elements therefor. 2,821,584, 1-28-58, Cl. 200—28.
- Monaco, Foster.** Plastic article with re-entrant formation. 2,820,683, 1-21-58, Cl. 312—31.1.
- Monaco, Gabriel R.:** *See—*
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- Monaco, Luigi.** Zinc base ternary alloy containing tin and lead. 2,837,427, 6-3-58, Cl. 75—178.
- Monaghan, Patrick H.:** *See—*
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- Monarch Machine Tool Co., The:** *See—*
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- Monarch Marking System Co., The:** *See—*
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- Monarch Records Inc.:** *See—*
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- Moncier, James C.** Counter divider and counter top combination. 2,855,258, 10-7-58, Cl. 312—140.3.
- Monckton, Mary C.** Sleeve valve. 2,846,179, 8-5-58, Cl. 251—4.
- Moncrieff, Alexander D. F., to Michigan Tool Co.** Hobbing machine. 2,839,968, 6-24-58, Cl. 90—4.
- Moncrieff, Leslie J., to British Celanese Ltd.** Packaging. 2,859,572, 11-11-58, Cl. 53—32.
- Moncrieff, Robert W., to Airkem, Inc.** Apparatus for the characterization of odors. 2,837,912, 6-10-58, Cl. 73—23.
- Moncrieff-Yeates, Alexander J.:** *See—*
 Sugarman, Meyer L., Jr., and Moncrieff-Yeates. 2,862,815.
- Moncrieff-Yeates, Alexander J., to Radio Corp. of America.** Electrostatic image copying method. 2,838,997, 6-17-58, Cl. 101—426.
- Moncrieff-Yeates, Alexander J., to Radio Corp. of America.** Electrostatic printing. 2,839,400, 6-17-58, Cl. 96—1.
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- Mondiacolor:** *See—*
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- Mondrick, Gus.** Portable power hand saw guide. 2,822,833, 2-11-58, Cl. 143—6.
- Mondry, Jon.** Slide rule. 2,828,915, 4-1-58, Cl. 235—70.
- Mondschein, Morton, to Underwood Corp.** Voltage indicator 2,848,685, 8-19-58, Cl. 324—122.
- Moneagle, Otto F.:** *See—*
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- Mones, Arthur H., to Faximile, Inc.** Facsimile recording paper. 2,864,748, 12-16-58, Cl. 204—2.
- Monest, Joseph P.** Automatic key ejector. 2,830,448, 4-15-58, Cl. 70—388.
- Monet, Gilbert P., to the United States of America as represented by the United States Atomic Energy Commission.** Method of separating froths from liquids. 2,820,759, 1-21-58, Cl. 210—44.
- Moneyron, Marcel:** *See—*
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- Monfardini, Louis P.** Cervical collars. 2,828,736, 4-1-58, Cl. 128—75.
- Monger, Howard S.** Raise-proof indicia for check writers. 2,842,054, 7-8-58, Cl. 101—399.
- Mongin, Georges P.:** *See—*
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- Monick, John A., to Colgate-Palmolive Co.** Solid sarcosinate particles and method of preparation thereof. 2,830,064, 4-8-58, Cl. 260—405.
- Monick, Nicholas.** Prefabricated patio. 2,836,108, 5-27-58, Cl. 94—4.
- Monk, S. A. (Sutton in Ashfield) Ltd.:** *See—*
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- Monk, Samuel A., to S. A. Monk (Sutton in Ashfield) Ltd.** Straight-bar knitting machines. 2,823,531, 2-18-58, Cl. 66—89.
- Monnery, John L., to The Morgan Crucible Co. Ltd.** Electric current collector inserts. 2,830,138, 4-8-58, Cl. 191—59.1.
- Monnet, Georges.** Spring operated safety razor with means to rotate or oscillate the inner cutter member. 2,851,772, 9-16-58, Cl. 30—43.
- Monnet, Pierre.** Terrestrial or hydraulic construction constituted by apertured elements. 2,835,112, 5-20-58, Cl. 61—3.
- Monnig, Anthony B., to The Lunkenheimer Co.** Plastic valve. 2,865,596, 12-23-58, Cl. 251—175.
- Monocam Ltd.:** *See—*
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- Monod, Jacques.** Methods for the cultivation of micro-organisms. 2,822,319, 2-4-58, Cl. 195—115.
- Monogram Precision Industries, Inc.:** *See—*
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- Monolith Portland Cement Co.:** *See—*
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- Monolith Portland Midwest Co.:** *See—*
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- Monotype Corp. Ltd., The:** *See—*
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- Monro, Randolph.** Leakproof gas mask. 2,821,192, 1-28-58, Cl. 128—141.
- Monro, Randolph, and P. E. Lackey.** Combination hood and carrier pocket. 2,835,899, 5-27-58, Cl. 2—202.
- Monroe, Alfred J.:** *See—*
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- Monroe Auto Equipment Co.:** *See—*
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- Monroe Calculating Machine Co.:** *See—*
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- Monroe, Carl M.:** *See—*
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- Monroe, Charles Z., and D. German, to Ex-Cell-O Corp.** Magazine for feeding flat carbon blanks. 2,826,411, 3-11-58, Cl. 271—62.
- Monroe, E. L.:** *See—*
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- Monroe, Mayer G., to Jantzen, Inc.** Bathing suit and brassiere therefor. 2,863,460, 12-9-58, Cl. 128—435.
- Monroe, Robert B.:** *See—*
 Chastain, Hartley E., and Monroe. 2,823,818.
- Monroe, Robert E., to United States of America, Atomic Energy Commission.** Metal sprayer for use in vacuum or inert atmosphere. 2,856,237, 10-14-58, Cl. 299—28.6.
- Monsanto Canada Ltd.:** *See—*
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- Monsanto Chemical Co.:** *See—*
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Monsler, Frank E., Quick-sealing access covers. 2,838,201, 6-10-58, Cl. 220-57.

Monsler, Frank E., Telephone holders. 2,844,666, 7-22-58, Cl. 179-146.

Monsma, John B., to L. Feinstein. Computer for calculating working time. 2,827,235, 3-18-58, Cl. 235-79.5.

Monson Equipment Co., Inc.: *See*—
 Monson, Oscar P. 2,851,244.

Monson, Leon A.: *See*—
 Marshall, Edwin R., and Monson. 2,845,341.

Monson, Louis T., to Petrolite Corp. Concentration of sylvite from its ores. 2,839,192, 6-17-58, Cl. 209-166.

Monson, Louis T., and W. J. Dickson, to Petrolite Corp. Process for preparing oxyalkylated derivatives. 2,819,260, 1-7-58, Cl. 260-209.

Monson, Louis T., and W. J. Dickson, to Petrolite Corp. Process for preparing oxyalkylated derivatives. 2,819,261, 1-7-58, Cl. 260-209.5.

Monson, Louis T., and W. J. Dickson, to Petrolite Corp. Oxyalkylated derivatives of natural α -amino acids. 2,819,301, 1-7-58, Cl. 260-518.

Monson, Louis T., and R. W. Wagoner, to Petrolite Corp. Phosphate rock beneficiation process. 2,839,191, 6-17-58, Cl. 209-166.

Monson, Louis T. and W. J. Dickson, to Petrolite Corp. Oxyalkylated lignin sulfonic acid compounds and method of preparing same. 2,854,444, 9-30-58, Cl. 260-124.

Monson, Louis T., and W. J. Dickson, to Petrolite Corp. Process for preparing oxyalkylated derivatives. 2,854,447, 9-30-58, Cl. 260-232.

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Monson, Oscar P., to Monson Equipment Co., Inc. Valve seat construction for faucets or the like. 2,851,244, 9-9-58, Cl. 251-363.

Montagna, Amelio E.: *See*—
 Kubler, Donald G., and Montagna. 2,858,322.

Montagna, Amelio E., and E. R. Lashley, Jr., to Union Carbide Corp. Method for oxidizing glutaraldehydes. 2,820,820, 1-21-58, Cl. 260-530.

Montagna, Amelio E., and E. C. Stout, to Union Carbide Corp. Process for producing monocyclohexyl derivatives of polyhydroxy compounds. 2,853,510, 9-23-58, Cl. 260-465.6.

Montagna, Amelio E., and E. R. Lashley, to Union Carbide Corp. Stabilization of salts of sorbic acid using gluconolactone. 2,866,817, 12-30-58, Cl. 260-526.

Montagna, Amelio E., and E. R. Lashley, to Union Carbide Corp. Stabilization of salts of sorbic acid using amines. 2,866,818, 12-30-58, Cl. 260-526.

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Montague, B. L. Co., Inc.: *See*—
 Montague, Bert L. 2,821,301.

Montague, Bert L., to B. L. Montague Co., Inc. Lumber sorting machine. 2,821,301, 1-28-58, Cl. 209-90.

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Montague, James S., and P. S. Egan. Liquid measuring and filling device. 2,824,668, 2-25-58, Cl. 222-23.

Montana, Anthony. Sleeve length measuring device. 2,840,912, 7-1-58, Cl. 33-2.

Montavon, Marc: *See*—
 Isler, Otto, Lindlar, Montavon, Rüegg, and Zeller. 2,849,495.

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Montavon, Robert F., and A. Y. C. Shon. Drafting instrument. 2,827,702, 3-25-58, Cl. 33-31.

Montbriand, Harold R., and E. L. Montpetit. Liquid dispensing apparatus. 2,831,609, 4-22-58, Cl. 222-76.

Montchausse, Andre J., and D. Dautry, to International Standard Electric Corp. Electromagnetic relay. 2,824,923, 2-25-58, Cl. 200-104.

Montclair Research Corp.: *See*—
 Rust, John B. 2,843,628.

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Monteil, Jean A. Fan or blower, especially for use in pneumatic conveyor equipment. 2,829,925, 4-8-58, Cl. 302-37.

Montel, Joseph I., and W. C. Hammond, to Hammond-Montel, Inc. Water treating system and apparatus therefor. 2,843,139, 7-15-58, Cl. 137-101.11.

Montelius, Carl O. J., deceased, by J. Bratt, executor. Hydraulic transformers. 2,866,415, 12-30-58, Cl. 103-49.

Montero, Luis. Collar stays and method of making them. 2,836,827, 6-3-58, Cl. 2-132.

Monte Verde Industries: *See*—
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Montgomery, Charles W., and W. I. Gilbert, to Gulf Research & Development Co. Process of producing hydrocarbons. 2,819,283, 1-7-58, Cl. 260-449.6.

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Montgomery, Edward C., to The Goodyear Tire & Rubber Co. Tank linings. 2,821,294, 1-28-58, Cl. 206-2.

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- Montgomery, James A., and R. D. Morton, to Eastman Kodak Co. Carton partition for artificial silk cops. 2,860,825, 11-18-58, Cl. 229-42.
- Montgomery, John F. Level winding spinner reel. 2,854,200, 9-30-58, Cl. 242-84.21.
- Montgomery, Julian E., Jr. Land aerator. 2,849,939, 9-2-58, Cl. 97-46.
- Montgomery, Lawrence C. Gas feed for motor vehicles. 2,863,329, 12-9-58, Cl. 74-513.
- Montgomery, Maxson H. Athletic shoe toe protector. 2,864,180, 12-16-58, Cl. 36-72.
- Montgomery, Orin C. to Phillips Petroleum Co. Amplifier with automatic volume control. 2,835,746, 5-20-58, Cl. 179-171.
- Montgomery, Robert N., and J. J. Lukes, to Diamond Alkali Co. Chlorination of methane to chloroform. 2,829,180, 1-1-58, Cl. 260-662.
- Montgomery, Robert R.: See—
- Kehde, Howard, Lafferty, and Montgomery. 2,850,114.
- Montgomery, Robert S.: See—
- Rickert, Herbert B., Bozer, Montgomery, and Duke. 2,826,515.
- Montgomery, William H. Wheeled propeller sheath. 2,822,173, 2-4-58, Cl. 280-47.13.
- Montgomery, William T. S. Wood chip conveying system. 2,819,123, 1-7-58, Cl. 302-59.
- Montguire, David M. Transplanter machine. 2,831,442, 4-22-58, Cl. 111-3.
- Monticello Mfg. Corp.: See—
- Hoose, Francis D. 2,864,512.
- Melvin, James M. 2,836,032.
- Montieth, Oscar V.: See—
- McDowall, Charles J., and Montieth. 2,836,959.
- Montooth, George A., to Brunswick-Balke-Collender Co. Bowling pinsetting apparatus. 2,841,397, 7-1-58, Cl. 273-43.
- Montooth, George A., and A. M. Bowen, to The Brunswick-Balke-Collender Co. Bowling pin assembly mechanism. 2,853,900, 9-23-58, Cl. 273-43.
- Montpetit, Earl L.: See—
- Monthriand, Harold R., and Montpetit. 2,831,609.
- Montreys, Joseph R., to The La Resista Corset Co. Girdle. 2,864,377, 12-16-58, Cl. 128-533.
- Moodie, William C., Sr., to Control Products, Inc. Button actuated switch. 2,831,092, 4-15-58, Cl. 260-159.
- Moody, Clarence L., Jr. Water scooter. 2,865,032, 12-23-58, Cl. 9-21.
- Moody, George E.: See—
- Davis, Howard A. 2,858,496.
- Moody, John L., to Friden, Inc. Zero folls for calculating machine. 2,857,096, 10-21-58, Cl. 235-1.
- Moody, Leonard E., and A. H. Popkin, to Esso Research and Engineering Co. Mineral-base lubricating oils and methods for using same. 2,849,398, 8-26-58, Cl. 252-32.7.
- Moody, Meredith M. Cleaning device. 2,860,361, 11-18-58, Cl. 15-223.
- Moody, Robert W.: See—
- Hill, Royston A. W., and Moody. 2,863,392.
- Moody, Ronald G. J. Safety device for motor vehicle doors. 2,833,579, 5-6-58, Cl. 292-288.
- Moody, Steven M., to Lear, Inc. Linear actuator with jointly adjustable stops. 2,818,744, 1-7-58, Cl. 74-424.8.
- Moog, Henry C., to Leathley Publications Ltd. Manufacture of printing forms. 2,834,985, 5-20-58, Cl. 18-19.
- Moog Industries, Inc.: See—
- Scheublein, William A., Jr., and Wright. 2,826,407.
- Moon, Clifford G., and J. M. Budzyna, to Draper Corp. Loom parallel mechanism. 2,822,827, 2-11-58, Cl. 139-149.
- Moon, James L.: See—
- Vogel, Fred J., and Moon. 2,840,790.
- Moon, John J., to Phillips Petroleum Co. Pyridine extraction process. 2,853,489, 9-23-58, Cl. 260-290.
- Moon, Sterling C., to The Jeffrey Mfg. Co. Mining machine provided with adjustable cutting means. 2,866,626, 12-30-58, Cl. 262-7.
- Moorman, George E., to The Babcock & Wilcox Co. Apparatus for preparing residual liquor. 2,852,348, 9-16-58, Cl. 23-262.
- Mooney, Edward L.: See—
- Sheheen, Shay J., and Mooney. 2,861,014.
- Mooney, Fred E.: See—
- Dietz, Albert G. H., and Mooney. 2,861,021.
- Mooney, Richard W., to Sylvania Electric Products Inc. Magnesium antimonate phosphor. 2,865,862, 12-23-58, Cl. 252-301.5.
- Moor, Joseph B. Safety container for voltage control unit. 2,851,325, 9-9-58, Cl. 312-293.
- Mooradian, Ara J., to United States of America, Atomic Energy Commission. De-entrainment column. 2,842,224, 7-8-58, Cl. 183-34.
- Moore, Alexander P.: See—
- Morley, John, Karanik, and Moore. 2,860,654.
- Moore, Alfred L.: See—
- White, Gerald, and Moore. 2,863,566.
- Moore, Allan B., to Moore Tool Co., Inc. Shaped charge for perforating oil well casing. 2,831,429, 4-22-58, Cl. 102-20.
- Moore, Alvin R., and A. G. Lauritzen. Mandibular clamp. 2,832,137, 4-29-58, Cl. 32-19.
- Moore, Andrew J., to ACF Industries, Inc. Sheet forming machine. 2,829,546, 4-8-58, Cl. 78-61.
- Moore, Buell, 20% to W. F. Wilson, 15% to Wilson Electrical Equipment Co., Inc., 35% to D. L. Calmes, 20% to B. Moore, 5% to G. M. Mathews, and 5% to J. G. Mullins. Light fixture. 2,860,236, 11-11-58, Cl. 240-11.4.
- Moore Business Forms, Inc.: See—
- Hart, Donald M. 2,866,711.
- Moore, Carl Z.: See—
- Schuster, Michael M., Moore, and Wilkins. 2,856,192.
- Moore, Charles B., and R. D. Van Veld, to E. I. du Pont de Nemours and Co. Orthographic camera. 2,860,557, 11-18-58, Cl. 95-11.
- Moore, Clyde M. Interlocking panels and joint. 2,823,826, 2-18-58, Cl. 220-76.
- Moore, Craig M., to The Superior Switchboard & Devices Co. Combination by-pass and disconnect device for ringless socket block assembly. 2,825,879, 3-4-58, Cl. 339-19.
- Moore, Craig M., R. T. Trier, and C. M. Mathison, to The Superior Switchboard & Devices Co. Ringless closure for socket meter enclosure. 2,866,936, 12-30-58, Cl. 324-110.
- Moore, Dallas H., to McFarland Mfg. Corp. Chemical injector. 2,852,032, 9-16-58, Cl. 137-98.
- Moore, David L.: See—
- Stelmak, John P., Moore, and Mansfield. 2,836,702.
- Moore, David W., and O. F. Kuhlman, to Servomechanisms, Inc. Method of fabricating film resistor elements. 2,827,536, 3-18-58, Cl. 201-55.
- Moore, Dewey R., to United States Steel Corp. Portable mast. 2,847,097, 8-12-58, Cl. 189-11.
- Moore, Donald C., and D. A. Edge, to Imperial Chemical Industries Ltd. Method of bonding parts of light alloy heat exchangers. 2,837,450, 6-3-58, Cl. 148-21.91.
- Moore Drop Forging Co.: See—
- Vose, Robert W. 2,856,629.
- Moore, Dubart A.: See—
- Kleinmann, Erwin S., Keller, Moore, Horn, and Lindblom. 2,838,991.
- Moore, Dwight G., to United States of America, Air Force. Process for applying protective metallic coatings. 2,857,292, 10-21-58, Cl. 117-129.
- Moore, Edgar S., $\frac{1}{2}$ to G. Jackson and $\frac{1}{2}$ to L. T. Edwards. Leather cutting machines. 2,822,045, 2-4-58, Cl. 164-19.
- Moore, Edward A. Variable delay time pulse generator. 2,855,509, 10-7-58, Cl. 250-27.
- Moore, Edward B.: See—
- Stonich, Elwood H., and Moore. 2,844,324.
- Stonich, Elwood H., and Moore. 2,844,392.
- Moore, Edward B., and E. H. Stonich, to Vapor Heating Corp. Train line end valve. 2,819,730, 1-14-58, Cl. 137-630.13.
- Moore, Edward B., and E. H. Stonich, to Vapor Heating Corp. Train line end valve. 2,839,082, 6-17-58, Cl. 137-630.15.
- Moore, Edward F., to Bell Telephone Laboratories, Inc. Relay selecting circuit. 2,864,008, 12-9-58, Cl. 307-112.
- Moore, Edwin R. Functional posture controller for chairs. 2,859,799, 11-11-58, Cl. 155-77.
- Moore, Edwin R. Geometric controller for chairs. 2,859,801, 11-11-58, Cl. 155-157.
- Moore, Emanuel M. Vehicle mounted earth moving apparatus. 2,855,116, 10-7-58, Cl. 214-91.
- Moore, Ernest P., and R. L. Trent, to Bell Telephone Laboratories, Inc. Potential monitoring circuit. 2,846,526, 8-5-58, Cl. 179-175.2.
- Moore, Francis K.: See—
- Springer, Edward M., and Moore. 2,830,534.
- Moore, Frank, to M. Turchan, d. b. a. Turchan Follower Machine Co. Automatic two dimensional tracer. 2,845,942, 8-5-58, Cl. 137-330.
- Moore, Frank J.: See—
- Fitzwilliam, James W., Naragon, and Moore. 2,830,089.
- Moore, Frank J., to The Texas Co. Process for decobalting a liquid carbonylate. 2,829,170, 4-1-58, Cl. 260-604.
- Moore, Frank M., to F. N. Bard. Swivel joint with sealing means permitting pivotal movement. 2,836,439, 5-27-58, Cl. 285-279.
- Moore, Fred G.: See—
- Kumro, Howard W., and Moore. 2,855,787.
- Moore, Fred W.: See—
- Brezosky, Bernard J., and Moore. 2,819,028.
- Moore, G. Thomas: See—
- Troxell, Harold M., Moore, and Davis. 2,848,179.
- Moore, George A. Composite container. 2,823,795, 2-18-58, Cl. 206-45.33.
- Moore, George A. Bag container. 2,833,094, 5-6-58, Cl. 53-14.
- Moore, George A. Air extractor device. 2,863,266, 12-9-58, Cl. 53-22.
- Moore, George A. Air extractor and sealing device. 2,863,267, 12-9-58, Cl. 53-22.
- Moore, George A. Paper, plastic container with dispensing closure. 2,866,586, 12-30-58, Cl. 229-17.
- Moore, George B. Fence and gate construction. 2,855,183, 10-7-58, Cl. 256-26.
- Moore, George L. Traffic signalling device. 2,834,314, 5-13-58, Cl. 116-63.
- Moore, George S. Boat trailer. 2,849,136, 8-26-58, Cl. 214-506.
- Moore and Hall: See—
- Toulon, Pierre M. G. 2,824,904.
- Toulon, Pierre M. G. 2,825,754.
- Toulon, Pierre M. G. 2,846,498.
- Toulon, Pierre M. G. 2,852,681.
- Moore, Harold G., to General Electric Co. Door interlock shunt circuit for railway vehicles. 2,827,977, 3-25-58, Cl. 180-82.

- Moore, Harrington. Screw for tuning slug. 2,819,625, 1-14-58, Cl. 74—424.8.
- Moore, Harrington. Method of making slabbbed locking set-screws. 2,855,609, 10-14-58, Cl. 10—10.
- Moore, Harrington. Method of making headless screw with broached socket. 2,855,610, 10-14-58, Cl. 10—10.
- Moore, Harry W. : *See*—
Biddison, John M. 2,835,372.
Biddison, John M. 2,865,481.
- Moore, Jacob H., and C. T. Wooten. Vault lowering device. 2,835,956, 5-27-58, Cl. 27—32.
- Moore, James H., and P. J. Clough, to National Research Corp. Process of coating molybdenum. 2,857,297, 10-21-58, Cl. 148—6.
- Moore, James L. : *See*—
Bell, Thomas E., Moore, Riegel, and Terhune. 2,858,184.
- Moore, John H., to Leeds and Northrop Co. Circular-chart exhibiting device. 2,847,269, 8-12-58, Cl. 346—17.
- Moore, John M. Adjustable drawing easel. 2,814,908, 7-29-58, Cl. 45—129.
- Moore, John R. : *See*—
Christy, Robert A., and Moore. 2,848,033.
- Moore, Joseph E., and C. E. Pardo, Jr., to United States of America, Agriculture. Process of reacting reduced keratin with cross-linking polyimides or polyamides and chemically modified keratin containing the aforesaid cross-linkages. 2,850,351, 9-2-58, Cl. 8—127.6.
- Moore, Lee C. Corp. : *See*—
Campbell, Erwin A. 2,863,531.
Iddings, Charles D., and Billings. 2,854,262.
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Woolslayer, Homer J., Jenkins, Maxwell, and Born. 2,840,198.
Woolslayer, Homer J., Jenkins, Turner, and Campbell. 2,843,229.
Woolslayer, Homer J., Jenkins, Turner, and Campbell. 2,863,530.
- Moore, Leo : *See*—
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- Moore, Lewis F., Jr., to Walker Machine & Foundry Corp. Charcoal grill. 2,828,733, 4-1-58, Cl. 126—25.
- Moore, Linza M. Interlocked blocks. 2,847,847, 8-19-58, Cl. 72—38.
- Moore, Louis D., Jr. : *See*—
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Long, Selma H., Tambllyn, and Moore. 2,856,382.
Knowles, M. B., and Moore. 2,856,383.
- Moore, Meade F., to American Motors Corp. Air conditioning apparatus for automotive vehicle. 2,864,590, 12-16-58, Cl. 257—7.
- Moore, Marjorie B. : *See*—
Schmidt, John L., Moore, Vernsten, and Freidfelder. 2,828,328.
- Moore, Nathan E., Jr. Horizontally adjustable Venetian blind. 2,837,152, 6-3-58, Cl. 160—168.
- Moore Products Co. : *See*—
Elsenhardt, Robert G. 2,845,792.
Garrett, Harry S. 2,855,777.
- Moore, Ralph T., deceased (V. J. Moore, executrix), to V. J. Moore. Boom loader for overhead crane. 2,846,081, 8-5-58, Cl. 212—17.
- Moore, Raymond D., to Kewanee Machinery & Conveyor Co. Spike-tooth harrow evener. 2,828,597, 4-1-58, Cl. 55—89.
- Moore, Raymond W., to Westinghouse Electric Corp. Motor control systems. 2,853,668, 9-23-58, Cl. 318—143.
- Moore, Richard E. : *See*—
Detamore, Harold H., Eby, Miller, and Moore. 2,857,007.
Moore, Richard V., J. H. Bowen, and K. H. Dent, to United States of America, Atomic Energy Commission. Nuclear reactor. 2,863,815, 12-9-58, Cl. 204—193.2.
- Moore, Robert B., Jr. : *See*—
Stanley, John C., Le Goff, Moore, and Williams. 2,834,625.
- Moore, Robert E. : *See*—
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- Moore, Robert C., to Philco Corp. Electronic frequency discriminator circuit. 2,825,807, 3-4-58, Cl. 250—27.
- Moore, Robert C., to Philco Corp. Color signal control system for color television receivers. 2,833,852, 5-6-58, Cl. 178—5.4.
- Moore, Robert C., and G. L. Carson, to Philco Corp. Modulator system. 2,843,826, 7-15-58, Cl. 332—44.
- Moore, Robert C., and G. L. Carson, to Philco Corp. System for maintaining predetermined portions of a signal at a predetermined value. 2,850,627, 9-2-58, Cl. 250—27.
- Moore, Robert E. Gun sight. 2,861,344, 11-25-58, Cl. 33—47.
- Moore, Robert E., II, F. Lathrop, and W. E. Kessell, to Amana Refrigeration, Inc. Seal. 2,830,336, 4-15-58, Cl. 20—69.
- Moore, Robert E., W. R. Bower, and R. D. Strub, to Amana Refrigeration, Inc. Refrigerator inner door structure. 2,840,434, 6-24-58, Cl. 312—214.
- Moore, Robert E., W. A. Giddings, and W. C. Barnard, to Amana Refrigeration, Inc. Refrigerating apparatus. 2,861,434, 11-25-58, Cl. 62—455.
- Moore, Robert L. : *See*—
Brescka, Rudolph S., Clifford, and Moore. 2,831,346.
Golick, Joseph J., and Moore. 2,819,647.
- Moore, Robert L., to United States of America, Atomic Energy Commission. Recovery of tetravalent cations from aqueous solutions. 2,833,799, 5-6-58, Cl. 260—429.1.
- Moore, Robert L., to United States of America, Atomic Energy Commission. Precipitation of protactinium. 2,843,452, 7-15-58, Cl. 23—14.5.
- Moore, Robert L., to Westinghouse Electric Corp. Temperature-controlled apparatus. 2,861,151, 11-18-58, Cl. 200—138.
- Moore, Robert S., to the United States of America as represented by the Secretary of the Navy. Storage tube. 2,830,225, 4-8-58, Cl. 315—12.
- Moore, Ross L. Bale grouping and stacking apparatus. 2,822,659, 2-11-58, Cl. 56—475.
- Moore, Roy E. Guard for pumping unit. 2,855,184, 10-7-58, Cl. 256—21.
- Moore, Russell C., to Cutter Laboratories, Inc. Apparatus for administration of parenteral fluids. 2,866,457, 12-30-58, Cl. 128—214.
- Moore, Sewell T. : *See*—
Suen, Tzeng J., Jen, and Moore. 2,834,756.
- Moore, Sewell T. : *See*—
Jen, Yun, and Moore. 2,834,675.
- Moore & Steele Corp. : *See*—
Steele, James R., and Lounsbury. 2,827,240.
- Moore, Thomas B., Jr., to Deering Milliken Research Corp. Method of making novelty yarn. 2,864,230, 12-16-58, Cl. 57—157.
- Moore, Thomas V., and H. C. Hottel, to Jersey Production Research Co. Process for the recovery of oil from subterranean reservoirs. 2,853,136, 9-23-58, Cl. 166—11.
- Moore Tool Co., Inc. : *See*—
Moore, Allan B. 2,831,429.
- Moore, Victor C., to General Motors Corp. Split torque converter transmission. 2,861,474, 11-25-58, Cl. 74—677.
- Moore, Vivian J. : *See*—
Moore, Ralph T. 2,846,081.
- Moore, Wally. Diaper. 2,833,282, 5-6-58, Cl. 128—284.
- Moore, Walter E., to Swing-A-Way Mfg. Co. Knife sharpener. 2,865,148, 12-23-58, Cl. 51—210.
- Moore, Walter G., to Marepa Trust Ltd. Gravity davit. 2,849,732, 9-2-58, Cl. 9—36.
- Moore, Warren, Jr., to Minneapolis-Honeywell Regulator Co. Electrical proportional control apparatus employing a frequency discriminator. 2,823,862, 2-18-58, Cl. 236—78.
- Moore, William A. Wire line oil saver. 2,848,257, 8-19-58, Cl. 286—16.
- Moore, William C., to Boonton Radio Corp. Test instrument calibrating apparatus. 2,862,178, 11-25-58, Cl. 324—34.
- Moore, William F. : *See*—
Zabriskie, Douglas M., and Moore. 2,853,251.
- Moore, William H. : *See*—
Towne, Edmund B., Moore, and Dickey. 2,825,726.
Towne, Edmund B., Moore, and Dickey. 2,827,450.
Towne, Edmund B., Moore, and Dickey. 2,827,451.
- Moore, William H., to Meehanite Metal Corp. Method of improving foundry sands cores. 2,818,620, 1-7-58, Cl. 22—194.
- Moore, William H., to Meehanite Metal Corp. Method of making nodular cast iron. 2,821,473, 1-28-58, Cl. 75—130.
- Moore, William R. : *See*—
Gibson, Gordon P., and Moore. 2,836,740.
- Moore, William T., to United States of America, Atomic Energy Commission. Neutronic reactor fuel element and core system. 2,851,409, 9-9-58, Cl. 204—193.2.
- Moorehead, Alexander S. Hydraulic power steering mechanism. 2,819,769, 1-14-58, Cl. 180—79.2.
- Moore, Urban A. Variable hydraulic clutch. 2,827,993, 3-25-58, Cl. 192—59.
- Moorhead, John G. : *See*—
Keohn, George R., and Moorhead. 2,825,237.
- Moorhead, John G., to United States of America, Army. Heat-actuated motor. 2,866,342, 12-30-58, Cl. 74—2.
- Moorhead, John G., to United States of America, Army. Rotational setting mechanism. 2,863,330, 12-9-58, Cl. 74—526.
- Moorhead, John O., to Metals & Controls Corp. Switch structures. 2,824,194, 2-18-58, Cl. 200—138.
- Moorhead, Paul E. : *See*—
Abkowitz, Stanley, and Moorhead. 2,819,959.
Abkowitz, Stanley, and Moorhead. 2,864,698.
Abkowitz, Stanley, and Moorhead. 2,864,699.
Busch, Lee S., Bauer, and Moorhead. 2,864,697.
- Moorhead, Walter H. Self locking flexible grommet. Re. 24,438, 2-25-58, Cl. 174—153.
- Moorhouse, William J. : *See*—
Evans, John G., Landells, Moorhouse, and Perfect. 2,825,117.
- Moorhouse, William J., and E. Wilford, to The Bradford Dyers' Association Ltd. Apparatus for untwisting material in twisted rope form. 2,836,012, 5-27-58, Cl. 57—1.
- Moorman, Cletus L., and E. F. Riesing, to General Motors Corp. Fluid seal. 2,830,832, 4-15-58, Cl. 286—11.
- Moorman, Cletus L., and E. F. Riesing, to General Motors Corp. Fluid seal. 2,830,838, 4-15-58, Cl. 308—187.2.
- Moorman, Edward W., to The Dayton Rubber Co. Suspension for flexible closure. 2,861,707, 11-25-58, Cl. 220—15.
- Moorman, Joseph C. Surgical leg holders. 2,829,640, 4-8-58, Cl. 128—86.
- Moorman, Robert W., to Pittsburgh Plate Glass Co. Enhancing pot life of polymerizable coating compositions. 2,843,556, 7-15-58, Cl. 260—28.5.
- Moss, Kaspar. Apparatus for the removal of the reserve thread remainder from weft bobbins. 2,865,081, 12-23-58, Cl. 28—19.

- Moose, Dale H. Naval cord bander. 2,840,081, 6-24-58, Cl. 128-303.
- Mooser, Alfred. Adjustable supporting device. 2,865,696, 12-23-58, Cl. 311-35.
- Moosman, Jack A., to Johnston Testers, Inc. Safety catch. 2,821,766, 2-4-58, Cl. 24-242.
- Moosman, Jack A., to Johnston Testers, Inc. Hydraulic pipe vise. 2,849,907, 9-2-58, Cl. 51-17.2.
- Moosman, Jack A., to Johnston Testers, Inc. Hydraulic vise. 2,851,912, 9-16-58, Cl. 51-17.2.
- Moosman, Jack A., to Johnston Testers, Inc. Back circulating valve. 2,863,511, 12-9-58, Cl. 166-224.
- Moosmüller, Fritz: See—
Schmidt, Erich, Schnegg, Zaller, and Moosmüller. 2,859,235.
- Moote, Truman P., Jr.: See—
Mapes, Dwight B., and Moote. 2,846,460.
- Moote, Truman P., Jr., and A. Steltz, Jr., to Pan American Petroleum Corp. Process for preparation of carboxylic acids. 2,823,216, 2-11-58, Cl. 260-413.
- Mora, Antonio. Paper holder and stylus for producing raised characters of the braille system. 2,823,468, 2-18-58, Cl. 35-38.
- Mora, Fernando M. Single circuit process and a plant for producing a series of products using wood as starting material. 2,840,515, 6-24-58, Cl. 202-57.
- Morales, Paul. Sling trip device. 2,829,916, 4-8-58, Cl. 294-75.
- Moran, Don E., to General Electric Co. Potential relay. 2,831,934, 4-22-58, Cl. 200-87.
- Moran, Don E., to General Electric Co. Non-bouncing switching apparatus. 2,866,025, 12-23-58, Cl. 200-87.
- Moran, George W. Detergent metering and dispensing device. 2,844,285, 7-22-58, Cl. 222-212.
- Moran, Harold J., to Switlik Parachute Co., Inc. Delayed opening parachute container. 2,840,328, 6-24-58, Cl. 244-150.
- Moran, Thomas E. Apparatus and method for making master spectrographic plates. 2,853,916, 9-30-58, Cl. 88-14.
- Moran, William O. Vertical furnace with positive draft controller. 2,863,442, 12-9-58, Cl. 126-85.
- Morana, Simon J., to The Beryllium Corp. Apparatus for the continuous production of metallic beryllium. 2,843,544, 7-15-58, Cl. 204-227.
- Morash, Norman, to National Lead Co. Process and apparatus for producing titanium metal continuously. 2,826,492, 3-11-58, Cl. 75-84.5.
- Moravec, John L., Jr. Interlocking device for ornamental construction. 2,851,806, 9-16-58, Cl. 41-10.
- Morawitz, Henry L.: See—
Morawitz, John H. 2,837,836.
- Morawitz, John H., 20% to H. L. Morawitz. Teaching aid. 2,837,836, 6-10-58, Cl. 35-9.
- Morawski, London T.: See—
Parker, John J., and Morawski. 2,829,897.
Parker, John J., and Morawski. 2,831,694.
Parker, John J., and Morawski. 2,852,262.
Parker, John J., and Morawski. 2,854,240.
Parker, John J., and Morawski. 2,865,643.
- Morbeck, Robert C.: See—
Gornowski, Edward J., Rich, Ernst, and Morbeck. 2,851,398.
- Voorthies, Alexis, Jr., and Morbeck. 2,842,482.
- Morck, Charles W., Jr. to Selas Corp. of America. Gas burner system. 2,823,740, 2-18-58, Cl. 158-119.
- Morden Machines Co.: See—
Honeyman, Robert B. 2,858,990.
- Morden, Russell L., to Motor Wheel Corp. Governor for lawnmower engines. 2,836,159, 5-27-58, Cl. 123-103.
- Morden, Russell L., to Motor Wheel Corp. Rewind engine starter. 2,848,987, 8-26-58, Cl. 123-179.
- More, Philip J., to General Electric Co. Rotisserie rack. 2,847,932, 8-19-58, Cl. 99-421.
- More, Philip J., to General Electric Co. Reflector support for ranges. 2,856,503, 10-14-58, Cl. 219-37.
- Moreau, Roland G., and M. M. G. Delattre, to Office National d'Etudes et de Recherches Aeronautiques. Contour follower apparatus. 2,861,192, 11-18-58, Cl. 250-202.
- Moreau, William J., to Davol Rubber Co. Catheter molding form. 2,854,695, 10-7-58, Cl. 18-41.
- Morehead, Laurel A., to National Cylinder Gas Co. Reentrant templet device. 2,847,761, 8-19-58, Cl. 33-23.
- Morehead, Owen W. Pile raising device. 2,844,007, 7-22-58, Cl. 61-73.
- Morehouse, Alpha L., to Grain Processing Corp. Riboflavin recovery. 2,822,361, 2-4-58, Cl. 260-211.3.
- Morehouse, Clarence K., and R. Glicksman, to Radio Corp. of America. Primary cells. 2,836,644, 5-27-58, Cl. 136-137.
- Morehouse, Clarence K., and R. Glicksman, to Radio Corp. of America. Primary cell. 2,836,645, 5-27-58, Cl. 136-137.
- Morehouse, Clarence K., and R. Glicksman, to Radio Corp. of America. Primary cells. 2,855,452, 10-7-58, Cl. 136-90.
- Morehouse, Silas A. Safety mechanical refrigerator door closure. 2,865,313, 12-23-58, Cl. 109-63.5.
- Morel, Charles J., to J. R. Geigy, A.-G. Tetra-acetyl music acid amides. 2,845,452, 7-29-58, Cl. 260-490.
- Morel, Paul, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Construction of the lower part of the crucible of igneous electrolysis cells. 2,846,388, 8-5-58, Cl. 204-243.
- Morel, Pierre P., to Verreries Mecaniques Champenoises. Method for the manufacture of hollow glass-ware. 2,861,397, 11-25-58, Cl. 49-80.
- Morel, Roger: See—
Felici, Noel, Morel, and Point. 2,860,264.
- Morel, Roger, to Societe Anonyme de Machines Electrostatiques. Means for excitation and commutation of electrostatic machines. 2,831,988, 4-22-58, Cl. 310-6.
- Morel, Roger, to Societe Anonyme de Machines Electrostatiques. High voltage ignition system. 2,835,850, 5-20-58, Cl. 315-180.
- Moreland, Robert E. Collapsible camp chair. 2,820,509, 1-21-58, Cl. 155-143.
- Morell, Samuel A., S. H. Lipton, and A. Frieden, to Pabst Brewing Co. Process for the production of nucleotides. 2,844,514, 7-22-58, Cl. 195-30.
- Morelock, Charles R.: See—
Brenner, Siegfried S., and Morelock. 2,836,524.
- Moren, Rolf E., to Mo och Domsjö Aktiebolag. Methods of preparing sand cores and other sand mould parts for metal casting. 2,838,406, 6-10-58, Cl. 106-38.5.
- Moren, Willis, Jr.: See—
Goetting, Raymond J. 2,857,695.
- Moreschi, James, to R. Junch, and H. Greiner. Earring with slidable spring-urged clamp. 2,858,679, 11-4-58, Cl. 63-14.
- Moreton, Douglas H.: See—
Chambers, Carl W., and Moreton. 2,850,797.
- Moreton, Douglas H., to Douglas Aircraft Co., Inc. Hydraulic fluid and lubricant composition. 2,834,733, 5-13-58, Cl. 252-49.8.
- Moretta, Giuseppe. Drive transmission in circular hosiery and knitting machines with compensation of the wear in the gear teeth. 2,844,014, 7-22-58, Cl. 66-28.
- Moretti, Louis J.: See—
Cooke, Theodore F., Moretti, and Conn. 2,846,337.
Cooke, Theodore F., Moretti, and van Loo. 2,839,506.
- Moretti, Whitfield, and R. Crammore, to Millers Falls Co. Cut-line indicator for portable circular saw. 2,839,098, 6-17-58, Cl. 143-43.
- Morey, Ole. Powdered soap and detergent dispensing device. 2,849,035, 8-26-58, Cl. 141-360.
- Morf, Walter J., to S. Krivit and M. Feldman. Air and liquid operated apparatus for intermittently feeding a buffing bar to a buffing wheel. 2,860,604, 11-18-58, Cl. 121-38.
- Morgan, Adolph R., to Radio Corp. of America. Portable radio transmitter with combination microphone horn and antenna. 2,840,694, 6-24-58, Cl. 250-14.
- Morgan, Adolph R., to Radio Corp. of America. Magnetic recording. 2,854,526, 9-30-58, Cl. 179-100.2.
- Morgan, Bryan B., and G. K. Dumbauld, to Esso Research and Engineering Co. Well cementing composition and method of preparing and using same. 2,840,483, 6-24-58, Cl. 106-90.
- Morgan, Burton D. Method and apparatus for making an adhesive bandage. 2,823,728, 2-18-58, Cl. 154-1.6.
- Morgan, Chester S., Jr.: See—
Mackenzie, James S., and Morgan. 2,820,046.
- Morgan, Chester S., and J. W. Walker, to Celanese Corp. of America. Oxidation of ethylenically unsaturated fatty acids. 2,847,431, 8-12-58, Cl. 260-406.
- Morgan, Clarence R., and W. F. Olds, to Minneapolis-Honeywell Regulator Co. Brominated alkyl polysilicates. 2,846,459, 8-5-58, Cl. 260-448.8.
- Morgan, Clarence R., and W. F. Olds, to Minneapolis-Honeywell Regulator Co. Floated gyroscopes. 2,856,776, 10-21-58, Cl. 74-5.
- Morgan, Clyde A. Heated fishing rod handle. 2,835,245, 5-20-58, Cl. 126-208.
- Morgan Co. of Wisconsin: See—
Chapman, Arthur B. 2,860,388.
- Morgan Construction Co.: See—
Kinnicutt, Roger Jr. 2,823,548.
- Morgan, Myles. 2,819,058.
- O'Malley, Joseph M. 2,835,021.
- Petereit, Lothar H. 2,823,748.
- Wilson, Norman A. 2,852,075.
- Morgan Crucible Co. Ltd., The: See—
Monnery, John L. 2,830,138.
- Slight, George M., and Perry. 2,823,057.
- Morgan, David L.: See—
Van Allen, Vincent K., and Morgan. 2,855,000.
- Morgan, David L., to Robertshaw-Fulton Controls Co. Thermostatic control device. 2,837,615, 6-3-58, Cl. 200-140.
- Morgan Development Laboratories, Inc.: See—
Morgan, Porter S. 2,833,160.
- Morgan, Edward L., to Oerlikon Tool and Arms Corp. of America. Protective housings. 2,846,962, 8-12-58, Cl. 108-2.
- Morgan, Erving B.: See—
Braal, Eman, Henrikson, Morgan, Oom, and Paul. 2,851,323.
- Howe, Richard T., Manne, Morgan, Oom, and Spencer. 2,828,803.
- Machielse, Jan, Morgan, and Weaver. 2,865,438.
- Manne, Edward T., Morgan, Oom, Spencer, and Weaver. 2,843,187.
- Morgan, Erving B., and R. A. Hayden, to American Seating Co. Pivot mountings for a kneeler rest or similarly mounted article. 2,828,809, 4-1-58, Cl. 155-171.

- Morgan Fairest Ltd.: See—
Banks, Sydney E. 2,862,638.
Scott, Thomas V. 2,833,439.
- Morgan, Frederic F. L., and E. B. James, to Hohman Brothers Ltd. Chipping chisels. 2,843,929, 7-22-58, Cl. 30—1.
- Morgan, Frederick F. L., to Holman Brothers Ltd. Dust extraction systems for grinding wheels. 2,819,571, 1-14-58, Cl. 51—273.
- Morgan, Gerard E., Jr., to John T. Riddell, Inc. Shielding device for fasteners. 2,857,597, 10-28-58, Cl. 2—3.
- Morgan, Gerard E., Jr., to John T. Riddell, Inc. Protective pad. 2,863,151, 12-9-58, Cl. 2—3.
- Morgan, Harold S. Primary cell. 2,862,987, 12-2-58, Cl. 136—111.
- Morgan, Harry W., to Jennings Machine Corp. Apparatus for handling shell casings and the like. 2,823,787, 2-18-58, Cl. 198—32.
- Morgan, Herbert S., Jr.: See—
Jenkins, Herschel S., Magee, Morgan, and Saffian. 2,845,362.
- Morgan, Hugh M., to Minneapolis-Honeywell Regulator Co. Controller for diaphragm valve. 2,849,884, 9-2-58, Cl. 74—110.
- Morgan, Jack E., and C. W. Wagner, to E. I. du Pont de Nemours and Co. Decorating compositions. 2,842,457, 7-8-58, Cl. 117—46.
- Morgan, James E.: See—
Thornhill, Fred S., and Morgan. 2,863,727.
- Morgan, John E. Knitted fabric. 2,839,909, 6-24-58, Cl. 66—198.
- Morgan, Jonathan F., to Whirlpool Corp. Variable drawer accessory for household refrigerators. 2,825,617, 3-4-58, Cl. 312—351.
- Morgan, Joseph P.: See—
Wickham, Elmerie R. 2,846,227.
- Morgan, Leland E., to Ben Pearson, Inc. Detachable tractor mounted cotton picker means. 2,854,802, 10-7-58, Cl. 56—14.
- Morgan, Lemuel J., to The Patterson-Kelley Co. Mixing machine. 2,851,257, 9-9-58, Cl. 259—44.
- Morgan, Marcus S., to Parke, Davis & Co. Di-substituted quinoline compounds. 2,852,518, 9-16-58, Cl. 260—286.
- Morgan, Max V.: See—
Ruskin, Robert E., and Morgan. 2,821,853.
- Morgan, Myles, to Morgan Construction Co. Reeling apparatus. 2,819,058, 1-7-58, Cl. 266—5.
- Morgan, Paul E., to United Shoe Machinery Corp. Positioning device for wheeled vehicles. 2,853,239, 9-23-58, Cl. 238—4.
- Morgan, Porter S., to Morgan Development Laboratories, Inc. Transmissions. 2,833,160, 5-6-58, Cl. 74—681.
- Morgan, Porter S., to I. L. Hartenberg, trustee. Clutch for hand tool. 2,845,158, 7-29-58, Cl. 192—44.
- Morgan, Porter S., to I. L. Hartenberg, trustee. Clutch for a brace. 2,850,129, 9-2-58, Cl. 192—44.
- Morgan, Robert D., to Carrier Corp. Ice making apparatus. 2,836,038, 5-27-58, Cl. 62—7.
- Morgan, Russell L.: See—
Padbury, John J., and Morgan. 2,838,466.
- Morgan, Samuel P., Jr., to Bell Telephone Laboratories, Inc. Laminated conductor. 2,831,172, 4-15-58, Cl. 333—96.
- Morgan, Samuel P., Jr., to Bell Telephone Laboratories, Inc. Loaded laminated conductor. 2,831,921, 4-22-58, Cl. 178—45.
- Morgan, Sidney T., to Salem-Brosius, Inc. Apparatus for plugging a furnace tapping hole. 2,853,290, 9-23-58, Cl. 266—42.
- Morgan, Tracy B., Jr., to H. L. and D. E. Bartelt. Gusset bottom bag. 2,821,337, 1-28-58, Cl. 229—57.
- Morgan, Vincent: See—
Nies, Nelson P., Fajans, Thomas, Hiebert, and Morgan. 2,332,730.
- Morgan, Walter A., to General Electric Co. Pressure measuring device. 2,855,533, 10-7-58, Cl. 313—161.
- Morgan, Walter A., to General Electric Co. Nuclear anemometer. 2,861,452, 11-25-58, Cl. 73—194.
- Morgan, Walter L. Proportional divider. 2,853,784, 9-30-58, Cl. 33—102.
- Morgan, Willard L.: See—
Colbert, William H., Morgan, and Weinrich. 2,852,415.
- Morgan, Willard L., to Libbey-Owens-Ford Glass Co. Electrically heated articles. 2,843,713, 7-15-58, Cl. 219—19.
- Morgan, William C. Retaining devices for turbine blades. 2,846,183, 8-5-58, Cl. 253—77.
- Morgan, William F., to International Business Machines Corp. Switching device. 2,837,613, 6-3-58, Cl. 200—104.
- Morgan, William F., to International Business Machines Corp. Motor speed control. 2,855,553, 10-7-58, Cl. 318—248.
- Morgan, William F., and R. V. Muffley, to International Business Machines Corp. Variable speed feed control devices. 2,842,249, 7-8-58, Cl. 197—133.
- Morgan, William G., A. Symon, H. E. W. Robinson, and F. W. Verrier, to Bristol Aircraft Ltd. Speed control system for reversible pitch aircraft propellers. 2,855,054, 10-7-58, Cl. 170—135.24.
- Morgan, William H. Windshield protector. 2,823,746, 2-18-58, Cl. 160—368.
- Morgan, Willie A. Combination cast protector and diaper holder. 2,840,077, 6-24-58, Cl. 128—284.
- Morganite Corp.: See—
Drumme, John F. 2,864,908.
- Morganite Inc.: See—
Drumme, John F. 2,847,521.
- Morganstern, Alfred C. Salt and pepper shaker sets. 2,819,823, 1-14-58, Cl. 222—142.3.
- Morganstern, Kennard H., to Nuclear Corp. of America, Inc. Cargo vessel. Re. 24,544, 9-30-58, Cl. 114—0.5.
- Morganstern, Kennard H., to Nuclear Corp. of America, Inc. Cargo vessel. 2,822,776, 2-11-58, Cl. 114—0.5.
- Morgardshammars Mek. Verkskats Aktiebolag: See—
Broman, John S. 2,820,596.
- Morgenstern, David M., to Package Machinery Co. Vacuum die casting means. 2,864,140, 12-16-58, Cl. 22—73.
- Morgenstern, Elliott, to The Electroline Mfg. Co. Rear view mirror construction. 2,849,920, 9-2-58, Cl. 88—98.
- Morgenthau, John L., Jr.: See—
Claus, Carl J., and Morgenthau. 2,830,092.
- Morguloff, Daniel. Jet steering and braking system for aircraft. 2,857,119, 10-21-58, Cl. 244—52.
- Mori, Hisao: See—
Yoshida, Toichi, Iwanaga, and Mori. 2,848,304.
- Mori, Ernest A., to Gulf Research & Development Co. Hammer drill. 2,851,010, 9-9-58, Cl. 121—25.
- Mori, Ernest A., to Gulf Research & Development Co. Hammer drill. 2,851,251, 9-9-58, Cl. 255—44.
- Morici, Alfred A., to Hershel California Fruit Products Co., Inc. Tomato treating machine. 2,822,842, 2-11-58, Cl. 146—47.
- Morici, Alfred A., to Hershel California Fruit Products Co., Inc. Tomato coring machine. 2,822,843, 2-11-58, Cl. 146—52.
- Morin, Edmund J. Cutting tool assembly. 2,826,104, 3-11-58, Cl. 77—66.
- Morin, Edwin B.: See—
Martin, William H., and Morin. 2,866,720.
- Morin, George G. Concrete pouring bucket. 2,832,631, 4-29-58, Cl. 294—71.
- Morin, George V. N., to Chicopee Mfg. Corp. Nonwoven fabric and products containing bacteriostatic agent. 2,837,462, 6-3-58, Cl. 167—84.
- Morin, Joseph R., and H. E. Theriault, to Sylvania Electric Products Inc. Electric gaseous discharge device construction. 2,863,094, 12-2-58, Cl. 315—60.
- Morin, Louis H.: See—
Marcuse, Moses M., and Morin. 2,823,968.
Marcuse, Moses M., and Morin. 2,828,124.
Marcuse, Moses M., and Morin. 2,850,345.
- Morin, Louis H. Method of producing castings utilizing overlapping gates. 2,819,494, 1-14-58, Cl. 18—55.
- Morin, Louis H. Reinforced separable fasteners. 2,819,504, 1-14-58, Cl. 24—205.11.
- Morin, Louis H. Non-jamming slider. 2,821,765, 2-4-58, Cl. 24—205.15.
- Morin, Louis H. Machines for racking channel-like devices. 2,824,653, 2-25-58, Cl. 214—8.
- Morin, Louis H., to Coats & Clark Inc. Method for producing foamed plastic spools. 2,829,400, 4-8-58, Cl. 18—34.
- Morin, Louis H. Cast link chain and method of producing the same. 2,829,402, 4-8-58, Cl. 18—55.
- Morin, Louis H. Jam-free sliders. 2,829,415, 4-8-58, Cl. 24—205.15.
- Morin, Louis H. Magnesium die casting machine with continuous magnesium feed. 2,830,340, 4-15-58, Cl. 22—71.
- Morin, Louis H. Apparatus for making extruded spiral co-axial cable. 2,834,047, 5-13-58, Cl. 18—13.
- Morin, Louis H. Separable fasteners. 2,834,084, 5-13-58, Cl. 24—205.11.
- Morin, Louis H. Method of and apparatus for casting, trimming and internally threading a product. 2,834,972, 5-20-58, Cl. 10—86.
- Morin, Louis H. Jam-free slider with control throat. 2,835,953, 5-27-58, Cl. 24—205.15.
- Morin, Louis H. Separable fastener with dual size center ledge scoops. 2,842,824, 7-15-58, Cl. 24—205.11.
- Morin, Louis H. Center ledge scoop with means resisting forcible mis-meshing. 2,862,272, 12-2-58, Cl. 24—205.13.
- Morin, Louis H. Non-jamming sliders. 2,862,273, 12-2-58, Cl. 24—205.15.
- Morin, Louis H. Jam-free sliders. 2,862,274, 12-2-58, Cl. 24—205.15.
- Morin, Louis H., to Coats & Clark, Inc. Spool and bobbin combination. 2,862,610, 12-2-58, Cl. 206—47.
- Morin, Louis H. Automatic spring pin lock slider operatable from both sides. 2,864,146, 12-16-58, Cl. 24—205.14.
- Morin, Louis H., and O. Gries, said Gries assignor to Coats & Clark Inc. Method of casting ball integral with the ink feed section of a ball point pen. 2,861,333, 11-25-58, Cl. 29—527.
- Morin, Volney F., to Technicolor Motion Picture Corp. Means and techniques for visually indicating editing position on film. 2,832,840, 4-29-58, Cl. 179—100.2.
- Morino, John. Swimming pool filter tank. 2,851,164, 9-9-58, Cl. 210—433.
- Morison, Jack R., to The Regents of the University of California. Wave force meter. 2,845,796, 8-5-58, Cl. 73—170.
- Morison, James C.: See—
Doering, Fred W., Jones, and Morison. 2,839,954.
Doering, Fred W., and Morison. 2,834,623.
Doering, Fred W., and Morison. 2,864,159.
- Morisy, Paul J.: See—
Howe, Russell E., and Morisy. 2,832,538.
- Morito, Nozomu: See—
Kimura, Hiroichi, Tadano, and Morito. 2,858,443.

- Moritz, Orville H.: *See*—
Davis, Harold W., and Moritz. 2,863,207.
- Mork, Fred H. Materials handling process and apparatus. 2,864,561, 12-16-58, Cl. 241-24.
- Mork, Raymond P.: *See*—
Beveridge, Harold N., and Mork. 2,859,962.
- Mork, Raymond P., to Raytheon Mfg. Co. Binary cyclical encoder. 2,834,011, 5-6-58, Cl. 340-347.
- Morkoski, James, to International Harvester Co. Cotton picker drive including synchronizer. 2,821,832, 2-4-58, Cl. 56-44.
- Morkoski, James, and S. E. Hilblom, to International Harvester Co. Mounting and lifting means for a tractor mounted mower. 2,830,422, 4-15-58, Cl. 56-25.
- Morley, Charles E. Rear view mirror. 2,845,000, 7-29-58, Cl. 88-98.
- Morley, Fred J., Jr., L. Manno, and A. Dixon, to Westinghouse Electric Corp. Arc welding apparatus. 2,845,524, 7-29-58, Cl. 219-130.
- Morley, Fred J., Jr., and L. Manno, to Westinghouse Electric Corp. Arc welding apparatus. 2,866,079, 12-23-58, Cl. 219-130.
- Morley, Frederick W. W.: *See*—
Kent, Nelson H., and Morley. 2,862,356.
- Morley, Frederick W. W., to Rolls-Royce Ltd. Stator construction for axial flow compressor. 2,833,463, 5-6-58, Cl. 230-133.
- Morley, Frederick W. W., to Rolls-Royce Ltd. Variable area jet nozzles for gas turbine units. 2,839,890, 6-24-58, Cl. 40-35.6.
- Morley, Frederick W. W., and W. H. Wilkinson, to Rolls-Royce Ltd. Lubricating arrangements for bearings of rotatable shafts. 2,866,522, 12-30-58, Cl. 184-6.
- Morley, Harold V.: *See*—
Rimington, Claude, Lawson, Searle, and Morley. Re. 24,505.
- Morley, Herbert F. Automobile parking apparatus and parking structures incorporating the same. 2,858,032, 10-28-58, Cl. 214-16.1.
- Morley, John, J. Karanik, and A. P. Moore, to Parker-Hannifin Corp. Fuel system head control unit. 2,860,654, 11-18-58, Cl. 137-98.
- Morley, Orville A., to McCall Corp. Web break detection. 2,838,303, 6-10-58, Cl. 271-2.1.
- Morlock, Heinrich: *See*—
Morlock, Kurt, and Kratz. 2,837,057.
- Morlock, Kurt, and E. Kratz, to H. Morlock. Mechanical multi-color pencil of the ball-writing or lead-writing type. 2,837,057, 6-3-58, Cl. 120-42.13.
- Morneau, Arthur J. Bicycle shift cable adapter. 2,846,212, 8-5-58, Cl. 267-74.
- Morning Coffee, Inc.: *See*—
Brown, Charles H. 2,819,377.
- Morningstar, Marion G., to The B. F. Goodrich Co. Method of producing dinitro-tetra alkyl benzenes. 2,864,871, 12-16-58, Cl. 260-64.5.
- Moro, Alberto. Transportable beach parasol. 2,828,758, 4-1-58, Cl. 135-5.
- Moro, Antonio. Device for maintaining in place a bobbin-supporting panel in a sewing machine with a rotary hook. 2,856,875, 10-21-58, Cl. 112-228.
- Moroco, John C.: *See*—
Moroco, Philip and J. C., and Renkin. 2,830,809.
- Moroco, Philip and J. C., and R. F. Renkin, to Sharon Steel Corp. Apparatus for conveying metal strip. 2,830,809, 4-15-58, Cl. 271-2.2.
- Morone, Joseph P., Jr., to P. R. Mallory & Co., Inc. Socket structure. 2,860,318, 11-11-58, Cl. 339-193.
- Moroney, Richard E. Fastening devices. 2,831,226, 4-22-58, Cl. 24-1.
- Morphew, Clarence E., to General Motors Corp. Grille structure. 2,822,069, 2-4-58, Cl. 189-82.
- Morphis, Jehu, to L. S. Taylor, individually and as trustee for D. C. and L. E. Taylor. Gauge head. 2,836,144, 5-27-58, Cl. 116-129.
- Morphis, Jehu, and P. B. Johnson, to L. S. Taylor, individually and as trustee. Conversion dial attachment for gauge. 2,828,625, 4-1-58, Cl. 73-431.
- Morrel, Richard M.: *See*—
Cooley, Morris R. 2,844,935.
- Morrell, Albert M., to Radio Corp. of America. Tri-color kinescope. 2,847,600, 8-12-58, Cl. 313-84.
- Morrell, Albert M., to Radio Corp. of America. Color-kinescopes, etc. 2,855,529, 10-7-58, Cl. 313-70.
- Morrell, Albert M., to Radio Corp. of America. Electron beam controlling apparatus. 2,859,365, 11-4-58, Cl. 313-77.
- Morrell, Albert M., and W. B. Miller, to Radio Corp. of America. Getter assembly. 2,841,732, 7-1-58, Cl. 313-176.
- Morrell, George A., Jr., to The Astatic Corp. Phonograph tone arm for pseudo-stereophonic sound reproduction. 2,821,578, 1-28-58, Cl. 179-100.41.
- Morrell, George A., Jr., to The Astatic Corp. Apparatus for pseudo-stereophonic sound reproduction. 2,846,519, 8-5-58, Cl. 179-100.4.
- Morrell, George A., Jr., B. C. Angle, and M. M. Palo, to The Astatic Corp. Dual pick-up cartridge assembly for phonograph tone arms. 2,856,465, 10-14-58, Cl. 179-41.
- Morrell, Jacques C. Conversion of hydrocarbons with the use of a kaolin composite catalyst. 2,862,875, 12-2-58, Cl. 208-119.
- Morrell, John, & Co.: *See*—
Schmidt, John W. 2,822,275.
- Morren, Henri, to Union Chimique Belge, Société Anonyme. Amino derivatives of isovaleric acid. 2,832,776, 4-29-58, Cl. 260-247.2.
- Morren, Henri, to Union Chimique Belge, Société Anonyme. Organic esters of 2-(2-diethylamino-ethoxy) ethanol and their process of preparation. 2,842,585, 7-8-58, Cl. 260-469.
- Morren, Henri, to Union Chimique Belge, S. A. New piperidine derivatives. 2,858,316, 10-28-58, Cl. 260-294.3.
- Morrill, Charles A. Link assembly having two V-shaped parts each of which has a lateral extending bearing. 2,837,890, 6-10-58, Cl. 59-86.
- Morrill, Charles D., to Goodyear Aircraft Corp. Electronic function generator. 2,832,886, 4-29-58, Cl. 250-27.
- Morrill, Elliott, and L. M. Clark, to The Best Foods, Inc. Liquid applicator and dispenser. 2,827,650, 3-25-58, Cl. 15-136.
- Morrill, Frank B., to James Hunter Machine Co. Continuous washer. 2,846,862, 8-12-58, Cl. 68-22.
- Morrill, Frank B., to James Hunter Machine Co. Screen for textile dryers. 2,862,306, 12-2-58, Cl. 34-82.
- Morrill, Harry L., Jr. Vehicle seat. 2,821,240, 1-28-58, Cl. 155-14.
- Morrill, Melvin A.: *See*—
Cooley, Morris R. 2,844,935.
- Morrill, Wayne J. Switching mechanism. 2,846,534, 8-5-58, Cl. 200-61.39.
- Morrill, Wayne J. Dynamoelectric field structure. 2,863,077, 12-2-58, Cl. 310-156.
- Morris, Albert G.: *See*—
Hahn, Edwin E., Schultz, Morton, and Morris. 2,844,737.
- Morris, Clifford M., to Radio Corp. of America. Combination beam plate and outer shield. 2,820,169, 1-14-58, Cl. 313-299.
- Morris, Clifford M., and N. E. Pryslak, to Radio Corp. of America. Method of making an electron tube. 2,866,120, 12-23-58, Cl. 313-247.
- Morris, Donald C.: *See*—
Krebs, John, Jr., and Morris. 2,830,323.
- Morris, Donald C., to Western Electric Co., Inc. Mold for 47-type connector block bodies. 2,834,988, 5-20-58, Cl. 18-42.
- Morris, Earl L., to Acorn Engineering Co. Multiperson shower construction. 2,825,909, 3-11-58, Cl. 4-145.
- Morris, Elton K.: *See*—
Mackenzie, Gordon F., and Morris. 2,848,491.
- Morris, Elton K., to The Dow Chemical Co. Manufacture of monochloroacetic acid. 2,826,610, 3-11-58, Cl. 260-539.
- Morris, Frank A., to General Dynamics Corp. Electronic switching means. 2,827,516, 3-18-58, Cl. 179-15.
- Morris, Frank A., to General Dynamics Corp. Subscriber line ringing in an electronic telephone system. 2,827,519, 3-18-58, Cl. 179-84.
- Morris, Frank A., to General Dynamics Corp. Modulator circuit. 2,850,700, 9-2-58, Cl. 332-14.
- Morris, Frank A., G. R. Paul, and C. R. Fisher, Jr., to General Dynamics Corp. Signaling system. 2,854,521, 9-30-58, Cl. 179-18.
- Morris, Fred J., Co. Inc.: *See*—
Joyslen, Jack F. 2,829,859.
- Morris, George M. Anti-foaming material. 2,820,699, 1-21-58, Cl. 23-230.
- Morris, George V., to Zenith Radio Corp. Subscription television code card coupon book. 2,838,234, 6-10-58, Cl. 235-61.12.
- Morris, George V., to Zenith Radio Corp. Subscriber television system. 2,864,884, 12-16-58, Cl. 178-5.1.
- Morris, George V., to Zenith Radio Corp. Subscription television encoding apparatus. 2,866,961, 12-30-58, Cl. 340-147.
- Morris, George V., E. M. Roschke, W. S. Druz, B. J. Miller, to Zenith Radio Corp. Subscription television system. 2,843,656, 7-15-58, Cl. 178-5.1.
- Morris, Glen B., to Collins Radio Co. Torque limiting clutch. 2,847,836, 8-19-58, Cl. 64-30.
- Morris, Harold H., to H. A. Kirk. Reinforced plastic. 2,836,529, 5-27-58, Cl. 154-53.
- Morris, Harry A., to C. V. Hill Co., Inc. Display case. 2,863,302, 12-9-58, Cl. 62-256.
- Morris, Herman J., to the United States of America as represented by the Secretary of Agriculture. Process of sorting dried peas. 2,828,860, 4-1-58, Cl. 209-4.
- Morris, Howard E.: *See*—
Glass, Marvin I., Morris, and Goldsmith. 2,846,921.
- Morris, Jean K.: *See*—
Morris, William W. 2,863,032.
- Morris, Jean M., to United States of America, Atomic Energy Commission. Visual alarm system. 2,859,431, 11-4-58, Cl. 340-324.
- Morris, John M., to Carrier Conveyor Corp. Vibratory spring of embedded filaments. 2,829,881, 4-8-58, Cl. 267-1.
- Morris, John N., 1/2 to The S. U. Carburetter Co. Ltd., and 1/2 to Simmonds Aerocessories, Inc. Fuel injection pumps. 2,840,066, 6-24-58, Cl. 123-140.
- Morris, John N., to The S. U. Carburetter Co. Ltd. Fuel injection pumps. 2,849,999, 9-2-58, Cl. 123-140.
- Morris, John N., to The S. U. Carburetter Co. Ltd. Electrically-operated pumps. 2,855,850, 10-14-58, Cl. 103-44.

- Morris, John W.: See—
Englehart, Oscar D., Sadesky, Morris, and Sherbondy. 2,837,453.
- Roach, James R., and Morris. 2,832,737.
- Morris, John W., to The Dow Chemical Co. Method of drying latex-spun products. 2,821,459, 1-28-58, Cl. 18-54.
- Morris, Joseph L. Method of forming an edge and knitting Swiss ribs on knitted fabrics without racking. 2,854,832, 10-7-58, Cl. 66-24.
- Morris, Joseph L. Knitting machine needle hook. 2,854,836, 10-7-58, Cl. 66-121.
- Morris, Kenneth G., J. C. Roediger, R. G. Newberg, and A. F. Sayko, to Esso Research and Engineering Co. Process for preparing improved asphalt. 2,842,507, 7-8-58, Cl. 260-28.5.
- Morris, Leo R.: See—
Mock, Richard A., and Morris. 2,840,603.
- Morris, Leon A. Cable travelers. 2,834,301, 5-13-58, Cl. 104-182.
- Morris, Louis, Jr., 15% to J. F. Penkala, and 15% to A. Tavares. Adjustable jamb. 2,859,491, 11-11-58, Cl. 20-12.
- Morris, Luther O. Golf course. 2,346,229, 8-5-58, Cl. 273-176.
- Morris, Marion H., to Sperry-Sun Well Surveying Co. Dynamically damped antifriction mounting. 2,830,381, 4-15-58, Cl. 33-223.
- Morris, Matthew J.: See—
Maloney, Thomas G., Morris, and Naecker. 2,820,230.
- Morris, Mecom. Cigarette lighter and fueling device therefor. 2,818,716, 1-7-58, Cl. 67-7.1.
- Morris, Mecom. Cigarette lighter. 2,818,717, 1-7-58, Cl. 67-7.1.
- Morris, Merchant U., and R. W. Vehling, 16% to R. Boone, 26% to E. W. and H. Holt, 33% to said Morris, and 23% to said Vehling. Fluid drive motor. 2,857,135, 10-21-58, Cl. 253-105.
- Morris, Robert C., to American Hatchery Engineers, Inc. Egg handling apparatus. 2,810,415, 6-21-58, Cl. 294-65.
- Morris, Roger E., to The B. F. Goodrich Co. Methods of preparing secondary aromatic amines. 2,824,137, 2-18-58, Cl. 260-576.
- Morris, Rupert C.: See—
Norton, Douglas G., and Morris. 2,841,623.
- Norton, Douglas G., and Morris. 2,841,624.
- Scott, Lawrence B., and Morris. 2,821,463.
- Watson, Forrest J., Morris, and Van Winkle. 2,858,332.
- Morris, Rupert C., V. W. Buis, and G. W. Conklin, to Shell Development Co. Polyesters and their preparation. 2,823,197, 2-11-58, Cl. 260-75.
- Morris, Thomas A. Injection type carburetor. 2,857,145, 10-21-58, Cl. 261-23.
- Morris, Wilbert L. Food squeezer. 2,829,586, 4-8-58, Cl. 100-133.
- Morris, William J., to United States of America, Atomic Energy Commission. Reactor coolant tube seal. 2,863,817, 12-9-58, Cl. 204-193.2.
- Morris, William T. Tire curing apparatus. 2,848,745, 8-26-58, Cl. 18-45.
- Morris, William W., 1/2 to C. B. Ellis and 1/2 to J. K. Morris. Flexible glass insulated heater wire. 2,863,032, 12-2-58, Cl. 201-63.
- Morrison, Bruce H.: See—
Blanco, Raymond E., and Morrison. 2,865,737.
- Morrison, C. H. B.: See—
Smiley, William D. 2,830,884.
- Morrison, Charles C., to F. N. Burt Co., Inc. Cold cream jars. 2,859,085, 11-4-58, Cl. 215-12.
- Morrison, Charles C., to F. N. Burt Co., Inc. Cold cream jars. 2,866,569, 12-30-58, Cl. 215-12.
- Morrison, Charles G.: See—
Gorgas, John W., Jacobitti, Jaeger, Morrison, and Newsum. 2,820,099.
- Morrison, Charles S.: See—
Bozeman, Virgil F., Sorensen, Morrison, and Kent. 2,842,265.
- Sorensen, Knud B., Morrison, Shriver, and Bjerkan. 2,856,745.
- Morrison, Charles S., to Deere & Co. Reciprocating auger feeder for balers. 2,835,101, 5-20-58, Cl. 56-34.
- Morrison, Charles S., to Deere & Co. Tunnel former and subsoil injector. 2,842,077, 7-8-58, Cl. 111-7.
- Morrison, Charles S., to Deere & Co. Potato digger. 2,842,215, 7-8-58, Cl. 171-115.
- Morrison, Charles S., and B. M. Silverberg, to Deere & Co. Selective brake control means. 2,821,265, 1-28-58, Cl. 188-16.
- Morrison, Charles S., and G. H. Shriver, to Deere & Co. Seeding device. 2,851,190, 9-9-58, Cl. 221-233.
- Morrison, Cyrus G. Adjustable fore-end rest for target rifles. 2,857,701, 10-28-58, Cl. 42-85.
- Morrison, Harold E., to Whirlpool Corp. Thermostatic control for clothes driers. 2,826,825, 3-18-58, Cl. 34-45.
- Morrison, Harold E., to Whirlpool Corp. Clothes drier and condenser therefor. 2,853,798, 9-30-58, Cl. 34-75.
- Morrison, Harold E., P. E. Geldhof, and L. Ringer, to Whirlpool Corp. Washing machine and fluid control system. 2,847,844, 8-19-58, Cl. 68-12.
- Morrison, Harry. Limb and knee protector. 2,858,540, 11-4-58, Cl. 2-24.
- Morrison, James L. D., to V-M Corp. Phonograph motor device. 2,859,632, 11-11-58, Cl. 74-199.
- Morrison, John F., to Rowe Mfg. Co., Inc. Capacity-controlled electronic coin totalizer. 2,853,173, 9-23-58, Cl. 194-10.
- Morrison, Lowell D., to Ideal Industries, Inc. Low voltage heating circuit. 2,828,405, 3-25-58, Cl. 219-50.
- Morrison, Marsnal, to Orthopedic Frame Co. Surgical instrument. 2,854,981, 10-7-58, Cl. 128-317.
- Morrison, Montford. X-ray apparatus. 2,864,958, 12-16-58, Cl. 250-94.
- Morrison, Nina K., to the United States of America as represented by the Secretary of the Air Force. Floating contour cushion. 2,819,712, 1-14-58, Cl. 128-33.
- Morrison, Noah C. Eaves trough strainer. 2,828,022, 3-25-58, Cl. 210-459.
- Morrison, Thomas E., 25% to J. E. Haddock Ltd. Tractor attachment. 2,865,523, 12-23-58, Cl. 214-147.
- Morrison, Vaughn E. Golf club. 2,820,638, 1-21-58, Cl. 273-164.
- Morrison, Walter F. Semi-rimless spectacle mounting. 2,834,252, 5-13-58, Cl. 83-47.
- Morrison, Wendell C., to Radio Corp. of America. Television transmitter with improved amplitude linearity. 2,835,869, 5-20-58, Cl. 332-37.
- Morrison, Wendell C., to Radio Corp. of America. Frequency conversion system. 2,855,456, 10-7-58, Cl. 178-5.4.
- Morrison, Willard L., to Constock Liquid Methane Corp. Apparatus for storing and utilizing volatile hydrocarbons and the like. 2,830,441, 4-15-58, Cl. 62-2.
- Morrison, Willard L., to The Union Stock Yard and Transit Co. Method of freezing foodstuffs and the like. 2,831,329, 4-22-58, Cl. 62-173.
- Morrison, Willard L. Cold storage boxes. 2,831,743, 4-22-58, Cl. 312-214.
- Morrison, Willard L., to Union Stock Yards & Transit Co. Conveyor gate and grid for composting machine. 2,851,173, 9-9-58, Cl. 214-17.
- Morrison, Willard L., to Constock Liquid Methane Corp. Means for controlling the pressure in an insulated tank containing liquefied methane. 2,856,941, 10-21-58, Cl. 137-7.
- Morrison, Willard L., to The Union Stock Yard and Transit Co. of Chicago. Collapsible insulation. 2,859,489, 11-11-58, Cl. 20-4.
- Morrison, William G.: See—
Hutson, Thomas, Jr., and Morrison. 2,826,535.
- Katje, John D., Morrison, and Hutson. 2,855,362.
- Morrison, William G., and T. Hutson, Jr., to Phillips Petroleum Co. Apparatus and process for solvent extraction. 2,831,038, 4-15-58, Cl. 260-666.
- Morrison, William G., Jr., to Union Carbide Corp. Plastic flux. 2,841,513, 7-1-58, Cl. 148-23.
- Morrison, William G., Jr., to Union Carbide Corp. Moisture resistant brazing rod. 2,847,338, 8-12-58, Cl. 148-23.
- Morrison, William G., Jr., to General Electric Co. Insulated electrical conductor and method of making the same. 2,865,795, 12-23-58, Cl. 117-230.
- Morrissey, Joseph V., to United States Steel Corp. Chain link fencing. 2,836,397, 5-27-58, Cl. 256-40.
- Morrissey, Michael V. Animated display device. 2,833,066, 5-6-58, Cl. 40-65.
- Morrissey, Richard T., and H. J. Weiss, to The B. F. Goodrich Co. Stabilized isolefin polyolefin interpolymers derivatives and method of producing same. 2,833,734, 5-6-58, Cl. 260-23.7.
- Morrison Trust Co., The: See—
Hersey, Henry J., Jr. 2,827,128.
- Morritz, Fred L.: See—
Friedman, Bernard S., and Morritz. 2,830,091.
- Friedman, Bernard S., and Morritz. 2,815,463.
- Morrogh, Henton, to The International Nickel Co., Inc. Nodular cast iron and process of making same. 2,841,488, 7-1-58, Cl. 75-123.
- Morrogh, Henton, to The International Nickel Co., Inc. Nodular cast iron and process of making same. 2,841,489, 7-1-58, Cl. 75-125.
- Morrow, Edwin R. Signal attachment for mail boxes. 2,836,352, 5-27-58, Cl. 232-35.
- Morrow, George R.: See—
Morrow, Marvin E., and G. R. 2,852,744.
- Morrow, Homer W.: See—
Dishal, Milton, Le Grand, Pellegrinelli, Morrow, and Koehler. 2,861,177.
- Morrow, Marvin E., and G. R., to Midwestern Instruments, Inc. Galvanometer assembly. 2,852,744, 9-16-58, Cl. 324-156.
- Morrow, Morris R.: See—
Holecomb, Henry A., and Morrow. 2,865,850.
- Morrow, Thomas F. Urine bag. 2,864,369, 12-16-58, Cl. 128-295.
- Morsbach, Edward A.: See—
Krusse, Hugo W. 2,843,967.
- Morsch, Jesse J. Accelerator pedal latches. 2,839,946, 6-24-58, Cl. 74-513.
- Morse, Arthur O.: See—
Apstein, Maurice, and Morse. 2,821,139.
- Morse, Carson C. Powdered magnetic clutch. 2,829,747, 4-8-58, Cl. 192-21.5.
- Morse Chain Co.: See—
Bremer, Norman C., and Allaben. 2,853,861.
- Hein, Charles E. 2,827,992.
- Morse, Charles L. Marble runway game. 2,838,870, 6-17-58, Cl. 46-43.

- Morse, Charles L. Educational toy for demonstrating the operation of the siphon. 2,848,822, 8-26-58, Cl. 35-19.
- Morse, Edward P., to American Radiator & Standard Sanitary Corp. Electromagnetic regulator. 2,825,866, 3-4-58, Cl. 323-66.
- Morse, Erwin E., and W. L. Hearn, to Brown Co. Processes for production of furfural. 2,845,441, 7-29-58, Cl. 260-347.9.
- Morse, Francis. Coin sorting toy bank. 2,825,847, 3-4-58, Cl. 133-3.
- Morse, Francis, to General Electric Co. Pressure vacuum relief valve. 2,844,165, 7-22-58, Cl. 137-493.6.
- Morse, Henry E., and N. A. Nelson, to Sapphire Products, Inc. Replaceable cartridge type fountain pen. 2,826,174, 3-11-58, Cl. 120-45.4.
- Morse, Howard H. Testing means for fuel system. 2,859,611, 11-11-58, Cl. 73-118.
- Morse, Howard H. Tester for fuel delivery system. 2,859,612, 11-11-58, Cl. 73-118.
- Morse, John F. Engine control unit. 2,826,283, 3-11-58, Cl. 192-96.
- Morse, Lawrence H., to Addressograph-Multigraph Corp. Off-set printing machine. 2,839,992, 6-24-58, Cl. 101-218.
- Morse, Merce M.: See—
Land, Edwin H., and Morse. 2,866,705.
- Morse, Merce M., to Polaroid Corp. Process of washing and protecting photographic silver images. 2,852,372, 9-16-58, Cl. 96-29.
- Morse, Milton. Rotary shaft seal. 2,832,616, 4-29-58, Cl. 286-7.
- Morse, Milton. Earphone barrier device. 2,856,469, 10-14-58, Cl. 179-182.
- Morse, Robert L., $\frac{1}{2}$ to J. L. Glick. Dump truck support stabilizing means. 2,853,341, 9-23-58, Cl. 298-20.
- Morse, Robert L., $\frac{1}{2}$ to J. L. Glick. Frameless dumping trailer support stabilizing means. 2,861,837, 11-25-58, Cl. 298-20.
- Morse, Samuel P.: See—
Butterworth, Herbert W., and Morse. 2,843,012.
- Morse, Willard C. Fluid delivery equipment. 2,819,821, 1-14-58, Cl. 222-75.
- Morse, William L. Torque control. 2,844,237, 7-22-58, Cl. 192-60.
- Morse, William L., to Boeing Airplane Co. Magnetic alignment tools. 2,844,977, 7-29-58, Cl. 77-62.
- Morstad, Geneva. Diaper holder. 2,832,346, 4-29-58, Cl. 128-287.
- Morte, George W., to Vickers Inc. Power transmission. 2,835,266, 5-20-58, Cl. 137-108.
- Mortellito, Domenico, to E. I. du Pont de Nemours and Co. Advertising exhibit device. 2,865,124, 12-23-58, Cl. 40-125.
- Mortenson, Everett N., and J. P. Kealy, to Swift & Co. Non-burning plant fertilizer. 2,827,368, 3-18-58, Cl. 71-29.
- Mortimer, Frank R., to Dunlop Rubber Co. Ltd. Acceleration and deceleration sensing device. 2,841,387, 7-1-58, Cl. 264-1.
- Morton, Carl. Lawn edger. 2,848,933, 8-26-58, Cl. 97-227.
- Morton Chemical Co.: See—
Kimura, Shuji, and Stich. 2,836,493.
Reeves, Howard F., Jr., and Belt. 2,833,729.
- Morton, Evans T., to Midwest Mfg. Corp. Refrigerator door gasket. 2,823,430, 2-18-58, Cl. 20-69.
- Morton, Evans T., to Admiral Corp. Refrigerator cabinet. 2,860,807, 11-18-58, Cl. 220-15.
- Morton, George A.: See—
Hahn, Edwin E., Schultz, Morton, and Morris. 2,844,737.
Ruedy, John E., Krieger, and Morton. 2,851,625.
- Morton, George A., to the United States of America as represented by the Secretary of the Navy. Light sensitive storage tube and system. 2,821,643, 1-28-58, Cl. 313-67.
- Morton, Glen R. Lubricating pump. 2,833,449, 5-6-58, Cl. 222-256.
- Morton, Glen R. Automatic ladling device for vacuum die-casting machine. 2,850,777, 9-9-58, Cl. 22-73.
- Morton, Henry C., to The Russell Mfg. Co. Asbestos yarn and method of producing friction lining therefrom. 2,841,516, 7-1-58, Cl. 154-81.
- Morton, Henry C., to The Russell Mfg. Co. Clutch facing. 2,855,081, 10-7-58, Cl. 192-107.
- Morton, Henry C., to The Russell Mfg. Co. Process for making a friction lining. 2,855,329, 10-7-58, Cl. 117-66.
- Morton, Henry E., and R. E. Combined welding and seam trimming machine. 2,866,077, 12-23-58, Cl. 219-125.
- Morton, Herschel B. Chair and method for making same. 2,847,061, 8-12-58, Cl. 155-191.
- Morton, James E. M., to Rohm & Haas Co. Bulk package opener. 2,831,591, 4-22-58, Cl. 214-305.
- Morton, Kenneth L., to Western Electric Co., Inc. Apparatus for testing contacts. 2,828,465, 3-25-58, Cl. 324-28.
- Morton, Lester C.: See—
Efford, John T., and Morton. 2,821,048.
Efford, John T., and Morton. 2,837,375.
- Morton, Ralph D.: See—
Montgomery, James A., and Morton. 2,860,825.
- Morton, Robert E.: See—
Morton, Henry E. and R. E. 2,866,077.
- Morton, Ronald D.: See—
Frew, George F., and Morton. 2,851,917.
- Morton Salt Co.: See—
Albani, Lido. 2,826,343.
O'Connor, Donald J. 2,832,514.
Thompson, Leslie E., Reeves, and Belt. 2,824,075.
- Morway, Arnold J.: See—
Brugmann, William H., Jr., Bartlett, Morway, and Knoth. 2,854,408.
Cottle, Delmer L., Morway, and Young. 2,844,534.
Matuszak, Alfred H., Morway, and Munday. 2,850,456.
Mikeska, Louis A., Bartlett, Thompson, and Morway. 2,819,211.
Mikeska, Louis A., Morway, and Cohen. 2,850,459.
- Morway, Arnold J., to Esso Research and Engineering Co. Soap-salt complex grease containing n-acyl p-aminophenol. 2,824,837, 2-25-58, Cl. 252-40.7.
- Morway, Arnold J., to Esso Research and Engineering Co. Non-foaming grease-making process. 2,825,692, 3-4-58, Cl. 252-32.
- Morway, Arnold J., to Esso Research and Engineering Co. Process for the preparation of high temperature anti-friction bearing lubricants. 2,825,694, 3-4-58, Cl. 252-33.2.
- Morway, Arnold J., to Esso Research and Engineering Co. Soap-salt complex thickened grease compositions. 2,828,262, 3-25-58, Cl. 252-33.6.
- Morway, Arnold J., to Esso Research and Engineering Co. High temperature complex grease manufacturing processes. 2,844,536, 7-22-58, Cl. 252-39.
- Morway, Arnold J., to Esso Research and Engineering Co. Process for sodium soap-salt thickened lubricating greases containing sodium phosphate. 2,846,391, 8-5-58, Cl. 252-18.
- Morway, Arnold J., to Esso Research and Engineering Co. Production of greases by alkali fusion of materials containing hydroxy fatty acid and glycerine radicals. 2,850,454, 9-2-58, Cl. 252-33.2.
- Morway, Arnold J., to Esso Research and Engineering Co. Lubricating compositions. 2,856,362, 10-14-58, Cl. 252-33.2.
- Morway, Arnold J., to Esso Research and Engineering Co. Lubricating oils thickened to a grease with hydrous metal salts and process for forming same. 2,863,847, 12-9-58, Cl. 252-37.2.
- Morway, Arnold J., to Esso Research and Engineering Co. Utilization of mixtures of organic and inorganic acids in the preparation of greases. 2,864,766, 12-16-58, Cl. 252-36.
- Morway, Arnold J., to Esso Research and Engineering Co. Utilization of sulphuric acid in the preparation of fluid lubricants. 2,864,767, 12-16-58, Cl. 252-40.7.
- Morway, Arnold J., and R. W. Walker, to Esso Research and Engineering Co. Residual fuel. 2,832,677, 4-29-58, Cl. 44-66.
- Morway, Arnold J., T. E. Witts, and D. W. Young, to Esso Research and Engineering Co. Lubricating composition containing polyethylene resins. 2,833,718, 5-6-58, Cl. 252-39.
- Morway, Arnold J., and H. G. Vesterdal, to Esso Research and Engineering Co. Process for forming high salt content complex greases. 2,842,495, 7-8-58, Cl. 252-39.
- Morway, Arnold J., and J. J. Kolfenbach, to Esso Research and Engineering Co. Metal soap-salt complexes and lubricants containing same. 2,846,392, 8-5-58, Cl. 252-33.2.
- Morway, Arnold J., and J. J. Kolfenbach, to Esso Research and Engineering Co. Complex grease containing inorganic salt thickener. 2,861,043, 11-18-58, Cl. 252-21.
- Mory, Rudolf: See—
Schmid, Max, Mory, and Zickendraht. 2,819,259.
- Morz, Edward J., to Mirro Aluminum Co. Snow sled. 2,862,719, 12-2-58, Cl. 280-16.
- Mosaic Tile Co.: See—
Ford, George D., and Kauffmann. 2,851,639.
- Mosbacher, Bruce H., to Roper Industries Inc. Shaft seal construction. 2,860,895, 11-18-58, Cl. 286-8.
- Mosca, Louis P. Holder for transparent photographic plates. 2,856,713, 10-21-58, Cl. 40-64.
- Moscattelli, Felix, to North American Philips Co., Inc. Electron microscope attachment. 2,857,521, 10-21-58, Cl. 250-49.5.
- Mosch, Alfred. Pyrophoric lighter with flint storage magazine. 2,825,216, 3-4-58, Cl. 67-7.1.
- Mosch, Alfred. Utility compact. 2,828,855, 4-1-58, Cl. 206-38.
- Mosch, Rudolf: See—
"Schallerer, Wilhelm, and Mosch. 2,822,421.
- Moschel, Albrecht: See—
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- Moscovitz, Harold and L. Expandible card case. 2,839,114, 6-17-58, Cl. 150-39.
- Moscovitz, Leonard: See—
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- Mose, Clara E. M. Dilators. 2,832,343, 4-29-58, Cl. 128-271.
- Moseley, Charles F. Double packed oil well stuffing box. 2,833,572, 5-6-58, Cl. 286-16.3.
- Moseley, Charles F. Stuffing box with helically arranged packings inserted from the side. 2,841,423, 7-1-58, Cl. 286-38.

- Moseley, Donald : *See*—
Travis, Ralph L. 2,859,642.
- Moseley, F. L. Co. : *See*—
Moseley, Francis L. 2,835,856.
Moseley, Francis L. 2,835,858.
- Moseley, Francis L., to F. L. Moseley Co. Servo system input and balancing circuit. 2,835,856, 5-20-58, Cl. 318—28.
- Moseley, Francis L., to F. L. Moseley Co. Curve or line follower apparatus. 2,835,858, 5-20-58, Cl. 318—31.
- Moseley, James T. W. : *See*—
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- Moseley, James T. W., H. A. Carlson, and R. H. Herron, to ACF Industries, Inc. Carburetor constant level device. 2,818,879, 1-7-58, Cl. 137—423.
- Moseley, John C. : *See*—
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- Moseley, Tomlinson I., and R. J. Stahl, to Carolands Co. Strain insulator. 2,841,637, 7-1-58, Cl. 174—163.
- Mosely, Robert B., and G. M. Good, to Shell Development Co. Catalytic cracking of hydrocarbon oils. 2,834,719, 5-13-58, Cl. 196—52.
- Moser, Carl M., and E. H. Golko, to John C. Virden Co. Luminaire attachment. 2,858,418, 10-28-58, Cl. 240—132.
- Moser, Eduard : *See*—
Schmid, Max, Moser, Bolleter, and Schucan. 2,819,258.
- Moser, Friedrich, to Ri-Ri-Werk A. G. Slide for slide fasteners. 2,839,806, 6-24-58, Cl. 24—205.14.
- Moser-Glaser & Co., A. G. : *See*—
Imhof, Alfred. 2,857,557.
- Moser, Henry W., to Samuel M. Lovgston Co. Drive mechanism for triplex splitter-scorers. 2,865,264, 12-23-58, Cl. 93—58.2.
- Moser, John F., Jr., to Esso Research and Engineering Co. Stripping in fluid coking. 2,839,451, 6-17-58, Cl. 202—23.
- Moser, John F., Jr., to Esso Research and Engineering Co. Fluid coking process. 2,847,357, 8-12-58, Cl. 196—49.
- Moser, John F., Jr., to Esso Research and Engineering Co. Two stage coking of residua feeds in unitary reactor. 2,853,434, 9-23-58, Cl. 196—49.
- Moser, John F., Jr., to Esso Research and Engineering Co. Reduction of vapor phase cracking by use of a multi-stage fluidized coking process. 2,854,397, 9-30-58, Cl. 208—78.
- Moser, John F., Jr., to Esso Research and Engineering Co. Combination transfer line and fluid bed coking system. 2,863,823, 12-9-58, Cl. 208—92.
- Moser, John F., Jr., to Esso Research and Engineering Co. Separation of gas oil in coking residua. 2,865,840, 12-23-58, Cl. 208—97.
- Moser, Marietta A. Pin fasteners for furniture covers and the like. 2,834,082, 5-13-58, Cl. 24—152.
- Moser, Otto. Teleprint receiver. 2,819,338, 1-7-58, Cl. 178—33.
- Moser, Otto. Teletypewriter. 2,840,638, 6-24-58, Cl. 178—23.
- Moser, Robert C., to Miracle Lure, Inc. Fish lure. 2,855,719, 10-14-58, Cl. 43—42.48.
- Moser, Rudolph J. : *See*—
Konrad, Herman M., and Moser. 2,837,275.
Konrad, Herman M., and Moser. 2,838,231.
- Moser, William C., to E. I. du Pont de Nemours and Co. Chemical process. 2,861,039, 11-18-58, Cl. 210—32.
- Moses, Alexander K., Jr. : *See*—
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- Moses, Chauncey L. : *See*—
Bullers, John E., and Moses. 2,821,810.
- Moses, Chauncey L., to Sylvania Electric Products Inc. Assembled article transfer device. 2,855,088, 10-7-58, Cl. 198—20.
- Moses, Edmund O. Ventilating means for surgical casts. 2,837,088, 6-3-58, Cl. 128—91.
- Moses, George : *See*—
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- Moses, Harry C., and R. S. Raven, to United States of America, Navy. Limited output range servosystem. 2,835,857, 5-20-58, Cl. 318—30.
- Mosesian, Edward C. : *See*—
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- Mosesman, Max A., to Esso Research and Engineering Co. Pretreatment of cobalt molybdate-on-alumina catalyst. 2,866,750, 12-30-58, Cl. 208—216.
- Mosenson, Merland L., to United States of America, Navy. Air cooled turbine wheel design. 2,865,598, 12-23-58, Cl. 253—39.15.
- Mosher, James K., to Schulz Tool and Mfg. Co. Sealing structure for reciprocating elements. 2,836,474, 5-27-58, Cl. 309—33.
- Mosher, James K., to Schulz Tool and Mfg. Co. Quick throw pilot valve. 2,842,157, 7-8-58, Cl. 137—418.
- Mosher, James K., to Schulz Tool and Mfg. Co. Fluid control valve. 2,851,055, 9-9-58, Cl. 137—400.
- Mosher, James K., to Schulz Tool and Mfg. Co. Vent and pilot valve. 2,854,022, 9-30-58, Cl. 137—413.
- Mosher, Rupert C. : *See*—
Barnett, Harold M., Hartmann, Mosher, and Espoy. 2,848,508.
- Mösher, Walter E. Non-spilling movable drip catcher. 2,834,516, 5-13-58, Cl. 222—108.
- Moshy, Raymond J. : *See*—
Hennessy, Douglas J., and Moshy. 2,839,545.
- Mosier, Lloyd G., to United States of America, Navy. Electrical nutation damping mechanism for constrained eddy current gyroscope. 2,846,888, 8-12-58, Cl. 74—5.5.
- Mosiman, Kenton M. Hanger assembly. 2,829,454, 4-8-58, Cl. 40—12.
- Moskovitz, Milton A. Dust seals for ball joints. 2,836,442, 5-27-58, Cl. 286—15.
- Moskovitz, Milton A., $\frac{1}{2}$ to H. Frankel. Tie-rod joint with wear-compensating bearing. 2,841,428, 7-1-58, Cl. 287—90.
- Moskovitz, Milton A., $\frac{1}{2}$ to H. Frankel. Replaceable ball-joint unit. 2,848,260, 8-19-58, Cl. 287—90.
- Moskovitz, Milton A., $\frac{1}{2}$ to H. Frankel. Compression-loaded ball joint. 2,857,190, 10-21-58, Cl. 287—87.
- Mosler Lock Co., The : *See*—
Hoffman, Ray L. 2,858,691.
- Moslo, Ernest P. Sucker stick. 2,821,481, 1-28-58, Cl. 99—138.
- Mosny, Martin, $\frac{1}{2}$ to CKD Ceska Lipa, narodni podnik. Device for the control of the movement of the undercarriage of automatic welding machines. 2,819,623, 1-14-58, Cl. 74—353.
- Mosny, Martin, $\frac{1}{2}$ to CKD Ceska Lipa, narodni podnik. Gearbox for universal automatic welding machines. 2,847,558, 8-12-58, Cl. 219—125.
- Moss, Charles E. : *See*—
Mikos, John J., and Moss. 2,821,606.
- Moss, Clarence B. Spoon with threadably mounted end members. 2,837,297, 6-3-58, Cl. 242—118.62.
- Moss, Ennis E., Jr. : *See*—
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Moss, Hoyle G. 2,827,667.
- Moss, Ennis E., Sr. : *See*—
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- Moss, Gerald. Lamps. 2,866,086, 12-23-58, Cl. 240—81.
- Moss, Hilary : *See*—
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- Moss, Hoyle G., $\frac{1}{4}$ to E. E. Moss, Sr., $\frac{1}{4}$ to E. E. Moss, Jr., and $\frac{1}{4}$ to J. P. Moss. Multi-stage lint cleaner. 2,825,096, 3-4-58, Cl. 19—67.
- Moss, Hoyle G., $\frac{1}{4}$ to E. E. Moss, Sr., $\frac{1}{4}$ to E. E. Moss, Jr., and $\frac{1}{4}$ to J. P. Moss. Bat reversing lint cleaner. 2,827,667, 3-25-58, Cl. 19—67.
- Moss, James P. : *See*—
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Moss, Hoyle G. 2,827,667.
- Moss, Norman : *See*—
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- Moss, Norman L., and H. A. Thomas, to Lever Brothers Co. Light transmission inspection device for liquids. 2,839,963, 6-24-58, Cl. 88—14.
- Moss, Richard Y., and S. H. Durbin, to E. W. Bliss Co. Automation control device. 2,848,569, 8-19-58, Cl. 200—27.
- Moss, Robert, and W. W. Wittenberger, to The Peterson Oven Co. Tunnel oven unloader. 2,856,055, 10-14-58, Cl. 198—20.
- Moss, Robert J. Hoe drill stubble remover. 2,826,133, 3-11-58, Cl. 97—194.
- Moss, Rodney D. : *See*—
Huff, James E., and Moss. 2,861,102.
- Moss, Sam J. Combination trailer hitch and jack stand. 2,853,316, 9-23-58, Cl. 280—475.
- Moss, Theron V. Non-raveling spreading mop construction. 2,825,914, 3-11-58, Cl. 15—229.
- Mossberg, O. F., & Sons, Inc. : *See*—
Benson, Carl H. 2,863,247.
- Mosse, Pierre : *See*—
Corbiere, Paul J., and Mosse. 2,854,436.
- Mosse, Pierre, to Societe Rhodiaceta. Process for bleaching organic textile materials with alkali metal chlorites containing an ester which controls the evolution of chlorine dioxide. 2,842,422, 7-8-58, Cl. 8—108.
- Mosse, Richard W. E., to The Metal Box Co. Ltd. Bag closing machines. 2,850,856, 9-9-58, Cl. 53—89.
- Mossey, Joseph L., to Bendix Aviation Corp. Fluid motor. 2,856,034, 10-14-58, Cl. 188—73.
- Mossor, George W., to Hudson Pulp & Paper Corp. Sleeving apparatus for valved paper bags. 2,842,032, 7-8-58, Cl. 93—8.
- Mostovych, Nicholas : *See*—
Cybriwsky, Alexander, and Mostovych. 2,844,529.
- Mothes, Stephen A., and R. L. Asa, to The Thomas & Betts Co. Replaceable die nest crimping tool. 2,838,970, 6-17-58, Cl. 81—15.
- Motefalco, Jack M., to The B. F. Goodrich Co. Applied sectional structure for cushioning wall surfaces. 2,833,001, 5-6-58, Cl. 20—4.
- Mother's Cake & Cookie Co. : *See*—
Wickstrom, John A. 2,842,922.
- Motis, Gilbert M., to Waste King Corp. Swirl and spray fitting. 2,862,519, 12-2-58, Cl. 137—625.42.
- Motley, Murat B. Container and closure therefor. 2,852,054, 9-16-58, Cl. 150—5.
- Moto-Mower, Inc. : *See*—
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Wehner, William C. 2,862,721.
Wehner, William C. 2,866,351.
- Motor-Condensator Compagnie, Schloz KG. : *See*—
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- Motor Products Corp.: *See*—
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- Motor Wheel Corp.: *See*—
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- Motorcycle Inc.: *See*—
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- Motoren-Werke Mannheim A. G. v.orm. Benz Abt. Stat. Motorenbau: *See*—
 Rischel, Joseph. 2,863,439.
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- Motorola, Inc.: *See*—
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- Motsinger, George C.: *See*—
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- Mott, Carl W., to The Kendall Co. Gauze feeding and cut-off mechanism. 2,831,679, 4-22-58, Cl. 271—25.
 Mott, Carl W., to The Kendall Co. Elastic band forming and feeding apparatus. 2,847,068, 8-12-58, Cl. 164—42.
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- Mott, Norman S., to Cooper Alloy Corp. Precipitation hardenable, corrosion resistant, chromium-nickel stainless steel alloy. 2,861,883, 11-25-58, Cl. 75—128.
- Mott, Richard C., to Minneapolis-Honeywell Regulator Co. Pneumatic thermostat. 2,828,077, 3-25-58, Cl. 236—82.
- Mott, Richard C., to Minneapolis-Honeywell Regulator Co. Thermostat adapter. 2,866,603, 12-30-58, Cl. 236—79.
- Motta, Arthur. Brake-leak detector. 2,855,479, 10-7-58, Cl. 200—84.
- Motter, Theodore J., and W. L. Elton, to L-O-F Glass Fibers Co. Treatment of glass fibers. 2,854,355, 9-30-58, Cl. 117—103.
- Mottu, André, to Societe Genevoise d'Instruments de Physique. Headstock for highly accurate machine tools. 2,864,269, 12-16-58, Cl. 77—3.
- Motyka, Stanislaw: *See*—
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- Motz, Jurgen, H. Küchler, K. Figge, F. Kaess, and H. Mühlberger, to Metallgesellschaft Akt. and Süddeutschen Kalkstichstoff-Werke Akt. Ges. Addition agents for the treatment of molten cast iron. 2,837,422, 6-3-58, Cl. 75—134.
- Moubay, Esber. Handle for paper bags and the like. 2,846,134, 8-5-58, Cl. 229—52.
- Moubis, Gerard C. A. M.: *See*—
 Duran, Johannes C., Dams, and Moubis. 2,860,275.
- Moubis, Gerard C. A. M., to North American Philips Co., Inc. Getter holder. 2,855,534, 10-7-58, Cl. 313—174.
- Moudry, Marie K.: *See*—
 Moudry, Zdenek V., and M. K. 2,853,449.
- Moudry, Zdenek V., and M. K. Slime preventative compositions and methods. 2,853,449, 9-23-58, Cl. 210—64.
- Mougin, John F.: *See*—
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- Moulden, Oscar O. Wire package. Re. 24,560, 11-11-58, Cl. 242—137.1.
- Moulden, Oscar O. Wire package. 2,822,992, 2-11-58, Cl. 242—137.1.
- Moule, Rex E. Servo mechanism control for fuel burners. 2,827,239, 3-18-58, Cl. 236—26.
- Moulinage et Retorderie de Chavanoz: *See*—
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 Vandamme, Louis, and Rouyer. 2,823,514.
- Moulon, Jean-M. Direct coupling two-stage transistor amplifier. 2,830,134, 4-8-58, Cl. 179—171.
- Moulthrop, Benjamin L., and W. F. Ellis, to Socony Mobil Oil Co., Inc. Regeneration of solid granular contact material. 2,857,335, 10-21-58, Cl. 252—418.
- Moulton, Alexander E. Rubber springs. 2,858,127, 10-28-58, Cl. 267—63.
- Moulton, Arthur B. Ring circuits. 2,858,477, 10-28-58, Cl. 315—84.5.
- Mounce, Whitman D., to Esso Research and Engineering Co. Means for equalizing load on two end plates of inflatable reinforced packer. 2,827,963, 3-25-58, Cl. 166—187.
- Mounce, Whitman D., to Esso Research and Engineering Co. Reinforced inflatable packer. 2,828,823, 4-1-58, Cl. 166—187.
- Mount, Dick W.: *See*—
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- Mount, Donald L. Automatic multiple speed transmission. 2,855,788, 10-14-58, Cl. 74—368.
- Mount, Edward H., to The Frick-Gallagher Mfg. Co. Two-piece snap fastener. 2,820,533, 1-21-58, Cl. 189—36.
- Mount, Edward H., to The Frick-Gallagher Mfg. Co. Clip for metal shelving. 2,820,551, 1-21-58, Cl. 211—136.
- Mount, George W. Magnetic hammer and method of making same. 2,821,222, 1-28-58, Cl. 145—30.
- Mount, Robert H.: *See*—
 Wilson, Clifford K., Mount, and Jabbusch. 2,862,535.
- Mount, Wadsworth W. Solar still with means to clean evaporator surface. 2,813,536, 7-15-58, Cl. 202—234.
- Mount, Wadsworth W., to Merriman Bros. Inc. Turnbuckle. 2,851,294, 9-9-58, Cl. 287—61.
- Mount, Wadsworth W. Self-locking turnbuckle. 2,859,991, 11-11-58, Cl. 287—60.
- Mountain, Harold. Color television. 2,820,090, 1-14-58, Cl. 178—5.2.
- Mountanos, Demetrios. Combination bath cloth and massager. 2,830,313, 4-15-58, Cl. 15—122.
- Mountford, Lawrence A., to Shell Development Co. Fluid flow control valve with remote pressure control. 2,829,664, 4-8-58, Cl. 137—108.
- Mount Hope Machinery Co.: *See*—
 Guillemette, Delphis V. 2,828,123.
 Murray, Walter P. 2,854,131.
 Robertson, John D. 2,828,122.
- Mouravieff, Nicholas. Method and means for surface-hardening of steel. 2,844,498, 7-22-58, Cl. 148—10.5.
- Moureu, Henri, and P. Chovin, to Societe des Usines Chimiques Rhone-Poulenc. Aromatic halonitro composition. 2,824,899, 2-25-58, Cl. 260—646.
- Mourier, Georges, to Compagnie General de Telegraphie sans Fil. Double beam electron discharge tube. 2,849,643, 8-26-58, Cl. 315—3.6.
- Mousselet, Henry L. Fish hook sharpener. 2,845,692, 8-5-58, Cl. 29—76.
- Moutet, André G. L., to "Office National d'Etudes et de Recherches Aeronautiques" (O. N. E. R. A.). Apparatus for measuring the temperatures of gaseous fluids and in particular flames. 2,843,008, 7-15-58, Cl. 88—22.5.
- Mouton, Rene J. F. D. R.: *See*—
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- Mower, Ernest R.: *See*—
 Cohen, Samuel A., and Mower. 2,860,071.
- Mower, Howard F.: *See*—
 Little, Ernest L., Jr., and Mower. 2,852,552.
- Mower, Howard F., to E. I. du Pont de Nemours and Co. N-(2-dicyanovinyl)imido compounds and their preparation. 2,850,521, 9-2-58, Cl. 260—465.5.
- Mowers, Lloyd W., and H. V. Kuhlmann. Antenna mount. 2,845,243, 7-29-58, Cl. 248—48.
- Mowery, Jesse R., Jr., to American Machine & Foundry Co. Motor control system. 2,854,613, 9-30-58, Cl. 318—212.
- Mowry, David T., and A. H. Schlesinger, to Monsanto Chemical Co. 2-chloroethyl 2-phenylcarbanilate. 2,850,524, 9-2-58, Cl. 260—471.
- Mowry, David T., and E. L. Ringwald, to Monsanto Chemical Co. Hydrolysis of acrylonitrile-containing polymers. 2,861,059, 11-18-58, Cl. 260—85.5.
- Moxham National Bank: *See*—
 Francis, Charles B., and Porter. 2,826,419.
- Moxley, Norman E. Coin collector for traffic violations. 2,860,752, 11-18-58, Cl. 194—74.
- Moxley, Norman E. Coin collecting and receipting device. 2,860,753, 11-18-58, Cl. 194—78.
- Moxley, Norman E. Coin collecting and receipting device. 2,860,754, 11-18-58, Cl. 194—83.

- Moxness, Sven K., to Minneapolis-Honeywell Regulator Co. Molding apparatus and procedure. 2,840,856, 7-1-58, Cl. 18-30.
- Moy, John A. E., to The British Petroleum Co. Ltd. Catalytic reforming of petroleum hydrocarbons. 2,852,442, 9-16-58, Cl. 196-50.
- Moy, Paul W., to The Harshaw Chemical Co. Copper cyanide plating process and solution therefor. 2,862,861, 12-2-58, Cl. 204-52.
- Moye, Lamar. Automatic clearing condiment dispenser. 2,830,739, 4-15-58, Cl. 222-118.
- Moyer, David F., to General Motors Corp. Circuit breaker. 2,831,938, 4-22-58, Cl. 200-104.
- Moyer, David F., to General Motors Corp. Circuit breaking device. 2,839,633, 6-17-58, Cl. 200-113.
- Moyer, Frederick D., to Chicago Bridge & Iron Co. Sealing ring for floating roof storage tanks. 2,829,795, 4-8-58, Cl. 220-26.
- Moyer, Golden A., to Phillips Petroleum Co. Sectional contacting tray. 2,819,888, 1-14-58, Cl. 261-114.
- Moyer, Hallard C., to Sinclair Refining Co. Stabilized crystalline petroleum wax. 2,866,715, 12-30-58, Cl. 106-270.
- Moyer, Harold W., $\frac{1}{2}$ to L. A. Marsh. Telephone signaling device. 2,839,608, 6-17-58, Cl. 179-5.
- Moyer, James W., to General Electric Co. Method of making P-N junction semiconductor unit. 2,842,466, 7-8-58, Cl. 148-15.
- Moyer, Ona J. Movable lamp carrier. 2,823,302, 2-11-58, Cl. 240-65.
- Moyer, Oscar E., to Universal Mfg. Corp. Scaffold platform elevator. 2,851,125, 9-9-58, Cl. 187-17.
- Moyers, Wayne D.: See—
- Ostergren, Ralph H., Jorgensen, and Moyers. 2,851,598.
- Moyes, James, to Chrysler Corp. Rear window visor. 2,829,003, 4-1-58, Cl. 296-97.
- Moyes, James, to Chrysler Corp. Automobile window mechanism. 2,863,658, 12-9-58, Cl. 268-104.
- Moyes, Sidney J. E., to Power Jets (Research and Development) Ltd. Means for supplying sterilized gas under pressure. 2,823,863, 2-18-58, Cl. 237-2.
- Moyle, Clarence L., and C. L. Maitins, to The Dow Chemical Co. N-[2-(pentachloroanilino)-ethyl]carboxamic acids. 2,859,242, 11-4-58, Cl. 260-518.
- Moyzibian, John J., to M & P Associates. Ferromagnetic core. 2,849,696, 8-26-58, Cl. 336-212.
- Moyns, Jules, to Societe de la Pile Leclanche. Negative electrode for primary cells. 2,865,977, 12-23-58, Cl. 136-128.
- Moyrand, Jean, and B. Bigot, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. Granular fertilizers and processes for making them. 2,859,105, 11-4-58, Cl. 71-64.
- Moyroud, Louis M.: See—
- Higonnet, Rene A., and Moyroud. 2,865,270.
- Mozel, Joe. Golf ball teeing mechanism. 2,838,313, 6-10-58, Cl. 273-201.
- Mrenza, Thomas J. Mail box. 2,860,830, 11-18-58, Cl. 232-17.
- Mros, Albert A. Combined gear reduction and clutch mechanism. 2,846,034, 8-5-58, Cl. 192-02.
- Mruk, Walter F.: See—
- Jacobson, Moses G., Gilfert, De Luca, and Mruk. Re. 24,436.
- Mruzek, Frank G. Clamp. 2,843,910, 7-22-58, Cl. 24-270.
- Muccilli, Raphael P. Foot warmer and attachments therefor. 2,851,573, 9-9-58, Cl. 219-19.
- Mucha, George M., to The Ohio Crankshaft Co. Inductor arrangement for induction heating. 2,832,876, 4-29-58, Cl. 219-10,79.
- Mucher, George J., to Clarostat Mfg. Co., Inc. Discontinuous wire-wound resistance and method of making. Re. 24,531, 9-9-58, Cl. 201-60.
- Mucher, George J., to Clarostat Mfg. Co., Inc. Variable resistance assembly. 2,836,689, 5-27-58, Cl. 201-48.
- Muckley, Henry E., and J. Waldron, to Belliss & Morcom Ltd. Grid-type valves. 2,833,305, 5-6-58, Cl. 137-516.13.
- Mud Control Laboratories, Inc.: See—
- Gresham, William C., and Ashby. 2,842,339.
- Mudd, Derek P. Attachment device. 2,848,258, 8-19-58, Cl. 287-54.
- Muddiman, Earll R. Amusement device. 2,848,230, 8-19-58, Cl. 272-8.
- Muddiman, Earll R., to United States Steel Corp. Spray guard. 2,864,106, 12-16-58, Cl. 15-102.
- Mude, Ernest H., to General Register Corp. Machine for severing, printing and stacking ticket strips. 2,828,687, 4-1-58, Cl. 101-66.
- Mudersbach, Ernst H., to Svenska Rotor Maskiner Aktiebolag. Rotary regenerative preheaters for gaseous media. 2,852,234, 9-16-58, Cl. 257-6.
- Muehlbauer, Fritz, E. Plankenhorn, and R. Zell, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of solvent-stable alpha- and gamma-forms of metal-free phthalocyanine. 2,826,589, 3-11-58, Cl. 260-314.5.
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- Muehling, Anthony A. Machine tool with spindle supporting boom. 2,842,013, 7-8-58, Cl. 77-31.
- Muehlnier, Egon E., to United States of America, Air Force. Bladed braking apparatus. 2,844,220, 7-22-58, Cl. 188-38.
- Muehter, Manfred W., to American District Telegraph Co. Burglar alarm. 2,821,699, 1-28-58, Cl. 340-276.
- Mueller, Albert C.: See—
- Payne, George B., Smith, and Mueller. 2,832,799.
- Mueller, Albert C., C. W. Schroeder, and E. C. Shokal, to Shell Development Co. Epoxy esters of phosphorus-containing acids and their use in treating textiles. 2,826,592, 3-11-58, Cl. 260-348.
- Mueller, Alfred, to Leyland Motors Ltd. Turbine-driven supercharger. 2,822,974, 2-11-58, Cl. 230-116.
- Mueller, Alfred H.: See—
- Mueller, Herman H. 2,860,880.
- Mueller, Anna: See—
- Mueller, Francis J., and A. 2,844,856.
- Mueller, Armand G., to Square D Co. Grid phase shift circuits. 2,839,714, 6-17-58, Cl. 318-331.
- Mueller, Carl H.: See—
- Klein, Victor G., and Mueller. 2,848,255.
- Mueller, Carl H., and V. G. Klein, to The McNeil Machine & Engineering Co. Engine fuel injection pump. 2,865,357, 12-23-58, Cl. 123-140.
- Mueller, Charles W., to Radio Corp. of America. Methods of making surface alloyed semi-conductor devices. 2,825,667, 3-4-58, Cl. 148-15.
- Mueller, Charles W., to Radio Corp. of America. Junction type semiconductor device and method of its manufacture. 2,836,522, 5-27-58, Cl. 148-15.
- Mueller Co.: See—
- Albertson, William C., Jr., and Hood. 2,838,964.
- Mueller, Frank H. 2,829,667.
- Mueller, Frank H. 2,829,668.
- Mueller, Frank H. 2,833,167.
- Mueller, Frank H. 2,839,075.
- Mueller, Frank H. 2,839,076.
- Mueller, Frank H., and Bowan. 2,829,675.
- Mueller, Frank H., and Smith. 2,829,429.
- Mueller, Frank H., and Smith. 2,834,614.
- Mueller, Frank H., and Smith. 2,838,965.
- Mueller & Co.: See—
- Mueller, Frank H., and Smith. 2,852,967.
- Mueller, David L., and W. J. Martin, Jr., to General Electric Co. Sealed current rectifier. 2,864,980, 12-16-58, Cl. 317-234.
- Mueller, Ervin H. Gas controlling valve and timer. 2,827,119, 3-18-58, Cl. 161-9.
- Mueller, Ervin H. Safety adapter for operating handles of valves. 2,829,538, 4-8-58, Cl. 74-548.
- Mueller, Ervin H. Operating stem for gas valve. 2,861,467, 11-25-58, Cl. 74-504.
- Mueller, Ervin R. Combination infant pacifier and feeding device. 2,824,561, 2-25-58, Cl. 128-252.
- Mueller, Francis J., and A. Flexible buckle cover for buckle shoes. 2,844,856, 7-29-58, Cl. 24-175.
- Mueller, Frank H., to Mueller Co. Lubricated rotary plug valve. 2,829,667, 4-8-58, Cl. 137-246.15.
- Mueller, Frank H., to Mueller Co. Lubricated rotary plug valve. 2,829,668, 4-8-58, Cl. 137-246.16.
- Mueller, Frank H., to Mueller Co. Drilling machine. 2,833,167, 5-6-58, Cl. 77-42.
- Mueller, Frank H., to Mueller Co. Service tee for plastic mains. 2,839,075, 6-17-58, Cl. 137-318.
- Mueller, Frank H., to Mueller Co. Quick-opening pressure relief valve. 2,839,076, 6-17-58, Cl. 137-469.
- Mueller, Frank H., and J. J. Smith, to Mueller Co. Tool for plugging high pressure pipes, etc. 2,829,429, 4-8-58, Cl. 29-213.
- Mueller, Frank H., and W. J. Bowan, to Mueller Co. Bypass assembly for service pipe. 2,829,675, 4-8-58, Cl. 138-97.
- Mueller, Frank H., and J. J. Smith, to Mueller Co. Machine-inserted service T with conical web. 2,834,614, 5-13-58, Cl. 285-119.
- Mueller, Frank H., and J. J. Smith, to Mueller Co. Machine for drilling and tapping mains. 2,838,965, 6-17-58, Cl. 77-40.
- Mueller, Frank H., and J. J. Smith, to Mueller & Co. Rotatable power driven tool. 2,852,967, 9-23-58, Cl. 77-69.
- Mueller, George F.: See—
- Lytton, Marion R., and Mueller. 2,845,327.
- Mueller, George P., to G. D. Searle & Co. 16-Halogen estrone ethers and esters. 2,855,411, 10-7-58, Cl. 260-397.4.
- Mueller, George P., to G. D. Searle & Co. 16-Iodoestrone ethers and esters. 2,855,412, 10-7-58, Cl. 260-397.4.
- Mueller, George P., to G. D. Searle & Co. 16-Haloestradiol esters and ethers. 2,855,413, 10-7-58, Cl. 260-397.5.
- Mueller, Hans F., to Vertical Axis Propeller's, Inc. Vertical axis cycloidal propellers. 2,859,829, 11-11-58, Cl. 170-147.
- Mueller, Heinrich. Toy vehicle set. 2,832,177, 4-29-58, Cl. 46-244.
- Mueller, Herbert B. Portable, reversible dance floor. 2,834,065, 5-13-58, Cl. 20-6.
- Mueller, Herman H., to small interests to various assignees. Automatic interlocking fuel phonograph record player with selective control. 2,837,337, 6-3-58, Cl. 274-10.
- Mueller, Herman H. Tone arm control for the fully automatic or manually controlled playing of intermixed records. 2,841,400, 7-1-58, Cl. 274-10.

- Mueller, Herman H., 3% each to E. M. Mentzer, E. M. Kauffman, and A. H. Mueller. Tone arm vertical compensating mechanism for automatic interlocking dual phonograph record players. 2,860,880, 11-18-58, Cl. 274-10.
- Mueller, Hermann G., to Akt. Cilander. Method of improving flat goods. 2,852,833, 9-23-58, Cl. 26-69.
- Mueller, Jan C.: *See—*
- Rzezutko, Joseph A., and Mueller. 2,821,012.
- Mueller, Johannes: *See—*
- Schwytzer, Robert, and Mueller. 2,833,771.
- Mueller, John J., to Basic Methods, Inc. Drum handling attachment for fork lift. 2,827,184, 3-18-58, Cl. 214-313.
- Mueller, Lawrence A., to The Fred Christen & Sons Co. Container opening. 2,836,314, 5-27-58, Cl. 214-305.
- Mueller, Louis E., to The Rapid Electrotape Co. Apparatus for shaving printing plates. 2,845,009, 7-29-58, Cl. 90-25.
- Mueller, Max B., to Allied Chemical & Dye Corp. Process for preparing nicotinic acid. 2,834,786, 5-13-58, Cl. 260-295.5.
- Mueller, Otto. Pipe connector having adjustable elbow. 2,845,282, 7-29-58, Cl. 285-159.
- Mueller, Otto. Pump and lock for differential. 2,861,477, 11-25-58, Cl. 74-711.
- Mueller, Paul, to Hahn & Kolb Werkzeugmaschinen und Werkzeuge. Gauges and process for making the same. 2,840,916, 7-1-58, Cl. 33-168.
- Mueller, Paul G. Ball cock valve mechanism. 2,837,111, 6-3-58, Cl. 137-410.
- Mueller, Richard A. Easy access chassis mount. 2,857,231, 10-21-58, Cl. 312-304.
- Mueller, Robert J.: *See—*
- Kizaur, Arthur J., and Mueller. 2,858,445.
- Mueller, Robert W., to Baso Inc. Unitary thermoelectric generator, lead and junction block assemblies. 2,836,640, 5-27-58, Cl. 136-4.
- Mueller, V., and Co.: *See—*
- Resch, Joseph N. 2,850,008.
- Mueller, Willard G., to Northern Wood Barking Mfg. Co. Apparatus for rotating and transporting logs during broadside attack by bark-removing chains. 2,839,106, 6-17-58, Cl. 144-208.
- Mueller, William A., to Warner Bros. Pictures, Inc. Stereoscopic picture and stereophonic sound systems. 2,826,112, 3-11-58, Cl. 88-16.2.
- Mueller, William F. Trailer-tanker. 2,826,421, 3-11-58, Cl. 280-5.
- Mueller, Willy: *See—*
- Siegrist, Adolf E., and Mueller. 2,856,311.
- Mueller, Willy, and A. E. Siegrist, Ciba Ltd. Azo pigments containing oxidazole rings. 2,838,486, 6-10-58, Cl. 260-157.
- Mueller, Willy, and A. E. Siegrist, to Ciba Ltd. New oxidazoles. 2,838,520, 6-10-58, Cl. 260-307.
- Muellermist Irrigation Co.: *See—*
- Miller, Melvin W. 2,834,635.
- Muench, Carl G., to The Celotex Corp. Apparatus for producing mineral wool. 2,851,724, 9-16-58, Cl. 18-2.5.
- Muench, Charles A., and H. E. Dispenser. 2,829,804, 4-8-58, Cl. 222-260.
- Muench, Herbert E.: *See—*
- Muench, Charles A., and H. E. 2,829,804.
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- Muench, Walter, Inc.: *See—*
- Muench, Walter. 2,860,623.
- Muench, Werner, L. Notarbartolo, and E. Crosio, to Perfogit Società per Azioni. Process and apparatus for the purification of dimethylterephthalate. 2,829,155, 4-1-58, Cl. 260-475.
- Muench, Werner, L. Notarbartolo, and C. Coen, to Perfogit Società per Azioni. Process for the chloromethylating of monosubstituted aromatic hydrocarbons. 2,862,980, 12-2-58, Cl. 260-651.
- Muenchinger, Herman G.: *See—*
- Smith, Ian A., and Muenchinger. 2,847,894.
- Smith, Ian A., and Muenchinger. 2,848,024.
- Muessel, Dan C.: *See—*
- Johnson, David R., Muessel, and Roehm. 2,833,004.
- Muessel, Dan C., to The Kawneer Co. Door bolt. 2,819,107, 1-7-58, Cl. 292-143.
- Muessel, Robert W., to South Bend Toy Mfg. Co. Musical doll carriage. 2,831,291, 4-22-58, Cl. 46-111.
- Muetgeert, Johannes: *See—*
- Bus, Willem C., Muetgeert, and Hiemstra. 2,822,305.
- Bus, Willem C., Muetgeert, and Hiemstra. 2,829,987.
- Bus, Willem C., Muetgeert, and Hiemstra. 2,829,988.
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- Bus, Willem C., Muetgeert, and Hiemstra. 2,829,990.
- Muetgeert, Johannes, and P. Hiemstra, to Coöperatieve Verkoop-en Productievereniging van Aardappelmeele en Derivaten "Avebe" G. A. Amylose films. 2,822,581, 2-11-58, Cl. 18-57.
- Muettterties, Earl L., to E. I. du Pont de Nemours and Co. Arsenic fluorosulfonate. 2,832,667, 4-29-58, Cl. 23-50.
- Muettterties, Earl L., to E. I. du Pont de Nemours and Co. Synthesis of alkylated boron compounds. 2,840,590, 6-24-58, Cl. 260-462.
- Muettterties, Earl L., to E. I. du Pont de Nemours and Co. Process for polymerizing cyclic ethers with phosphorous pentafluoride. 2,856,370, 10-14-58, Cl. 260-2.
- Muffley, Robert V.: *See—*
- Morgan, William F., and Muffley. 2,842,249.
- Muffley, Robert V., to International Business Machines Corp. Magnetic transducer assembly. 2,835,743, 5-20-58, Cl. 179-100.2.
- Muffy, Gary, to Gulf Research & Development Co. Magnetic recording. 2,832,839, 4-29-58, Cl. 179-100.2.
- Muffy, Glenn. Ice-maker bin control. 2,826,899, 3-18-58, Cl. 62-7.
- Muffy, Glenn. Ice making method. 2,833,126, 5-6-58, Cl. 62-172.
- Muffy, Glenn. Reversible refrigerating systems. 2,844,945, 7-29-58, Cl. 62-160.
- Muffy, Glenn. Refrigerator and ice maker. 2,866,322, 12-30-58, Cl. 62-137.
- Mugele, Raymond A.: *See—*
- Sanborn, Charles E., and Mugele. 2,827,334.
- Mugnier, Pierre, to Progil. Process for producing heavy metal ethylene-bis-dithiocarbamates. 2,855,418, 10-7-58, Cl. 260-429.
- Mühlberger, Horst: *See—*
- Motz, Jürgen, Kuchler, Figge, Kaess, and Mühlberger. 2,837,422.
- Muhler, George. Weight operated valve. 2,827,258, 3-18-58, Cl. 251-72.
- Mühlhausen, Cornelius: *See—*
- Hoppe, Peter, Weinbrenner, Mühlhausen, and Breer. Re. 2,844,514.
- Müller, Karl E., Bunge, and Mühlhausen. 2,822,349.
- Schwarz, Herbert, Kallert, Mühlhausen, and Holtschmidt. 2,844,566.
- Muir, Robert D.: *See—*
- Dodson, Raymond M., and Muir. 2,833,793.
- Muir, Robert D., and R. M. Dodson, to G. D. Searle & Co. Process for the oxygenation of steroids with nigrospora. 2,823,170, 2-11-58, Cl. 195-51.
- Muirhead & Co. Ltd.: *See—*
- Bell, John. 2,832,305.
- Cooper, Albert. 2,825,811.
- Foll, John V., Sieber, and Kirchel. 2,839,603.
- Hibbitt, Alec E. W., and Arkell. 2,829,344.
- Sieber, Peter W. 2,829,345.
- Wigan, Edmund R., and Mayo. 2,854,643.
- Mukai, Jiro, to Canon Camera Co., Inc. Photographic objective consisting of five lens elements. 2,826,116, 3-11-58, Cl. 88-57.
- Mukai, Jiro, to Canon Camera Co., Inc. High aperture wide-angle objective for cinematographic cameras. 2,826,117, 3-11-58, Cl. 88-57.
- Mukai, Jiro, to Canon Camera Co., Inc. Four lens photographic objective. 2,838,978, 6-17-58, Cl. 88-57.
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- Mulcahy, Harry W., to W. H. Miner, Inc. Draft gear for railway draft rigging. 2,846,083, 8-5-58, Cl. 213-48.
- Mulcahy, Harry W., to W. H. Miner, Inc. Draft gear for railway draft rigging. 2,850,174, 9-2-58, Cl. 213-24.
- Mulcahy, Harry W., to W. H. Miner, Inc. Friction shock absorbing mechanism. 2,858,030, 10-28-58, Cl. 213-45.
- Mulcahy, Harry W., to W. H. Miner, Inc. Draft gear for railway draft rigging. 2,861,697, 11-25-58, Cl. 213-49.
- Mulder, Rudolf, to E. Estie, and N. V. Fabrieken van Klinknagels en Schroefbouten P. van Thiel & Zonen. Clamps for use in scaffolding and like structures. 2,825,591, 3-4-58, Cl. 287-54.
- Mulder, Rudolf, to E. Estie, and N. V. Fabrieken van Klinknagels en Schroefbouten P. van Thiel & Zonen. Clamp with wedge means. 2,832,121, 4-29-58, Cl. 24-251.
- Muldond, Robert P., F. Himmelberger, and B. K. Fuller, to Philco Corp. Electronic signal generator. 2,842,712, 7-8-58, Cl. 315-39.
- Mulford, Stewart F., to Stewart-Warner Corp. Lightweight high capacity combustion heater. 2,841,135, 7-1-58, Cl. 126-116.
- Mulhern, James E. Carrying handle for plate glass, panel door and the like. 2,850,318, 9-2-58, Cl. 294-86.
- Mulhern, Marvin J., to General Electric Co. Regulating circuit for energizing variable resistance loads. 2,822,507, 2-4-58, Cl. 315-106.
- Mulholland, James R. Textile spinning ring. 2,831,314, 4-22-58, Cl. 57-120.
- Mulkey, Troy F. Sewing machine attachment. 2,839,018, 6-17-58, Cl. 112-139.
- Mulkey, Troy F. Method of mending vinyl plastic upholstered seats. 2,855,338, 10-7-58, Cl. 154-104.
- Mullan, Daniel, to Westinghouse Electric Corp. Automatic hot cut "last" flare reclaiming machine. 2,857,044, 10-21-58, Cl. 198-210.
- Mullan, Daniel, and E. Z. Zilaby, to Westinghouse Electric Corp. Lamp basing head. 2,847,699, 8-19-58, Cl. 18-1.
- Mullard Radio Valve Co. Ltd.: *See—*
- Fenemore, Ronald W., Borley, and Jellis. 2,820,295.
- Mullen, Januarius A.: *See—*
- Thompson, Frederick C. 2,850,421.
- Mullen, Robert D. Automatic electric trailer brake control system. 2,856,036, 10-14-58, Cl. 188-112.
- Muller, Charles A.: *See—*
- Heldt, William A., and Muller. 2,858,002.
- Muller, Charles A., to International Business Machines Corp. Keyboard touch device. 2,858,925, 11-4-58, Cl. 197-17.

- Muller, Donald C., to A. J. Bayer Co. Control means for conveyor and associated apparatus. 2,825,476, 3-4-58, Cl. 21-11.
- Müller, Ernst, and A. Grohmann, to Hydraulik G. m. b. H. Cable press with stationary press-head. 2,836,295, 5-27-58, Cl. 207-2.
- Muller, Ferdinand H., to Specialties Development Corp. Process of producing fabric containing kinky woolen pile. 2,837,809, 6-10-58, Cl. 28-76.
- Muller, Frank G. Butterfly valve. 2,847,181, 8-12-58, Cl. 251-306.
- Müller, Franz, to Klöchner-Humboldt-Deutz Akt. Rotary kiln. 2,841,385, 7-1-58, Cl. 263-33.
- Müller, Franz, Maschinenfabrik: See—
Fischermann, Heinz. 2,832,027.
- Müller, Friedrich W., to North American Philips Co., Inc. Microphone comprising a magnet system. 2,847,326, 8-12-58, Cl. 179-115.5.
- Muller, George H., to Ford Motor Co. Power steering device of the hydraulic type. 2,847,078, 8-12-58, Cl. 180-79.2.
- Muller, George H., to Ford Motor Co. Motor vehicle wheel suspension. 2,856,198, 10-14-58, Cl. 280-96.2.
- Muller, George H., to Ford Motor Co. Shock absorber. 2,860,733, 11-18-58, Cl. 188-88.
- Muller, George H., and W. E. Davis, to Ford Motor Co. Motor vehicle driveline mounting. 2,834,640, 5-13-58, Cl. 308-28.
- Muller, George H., and W. E. Davis, to Ford Motor Co. Motor vehicle driveline mounting. 2,834,641, 5-13-58, Cl. 308-28.
- Muller, George H., and H. R. Fortgang, to Ford Motor Co. Independent wheel suspension for motor vehicles. 2,856,201, 10-14-58, Cl. 280-124.
- Muller, Georges, to Les Laboratoires Français de Chimio-thérapie. Estradiol-17-hexahydrobenzoate and method of making same. 2,846,455, 8-5-58, Cl. 260-397.5.
- Muller, Georges, and L. Velluz, to UCLAF. New thio-derivatives of colchicine compounds and a process of making same. 2,820,029, 1-14-58, Cl. 40-210.
- Muller, Gerd, F. Bechlers, H. Detzner, and H. Grahmann, to Farbenfabriken Bayer Akt. Water-insoluble monoazo dye-stuffs. 2,849,438, 8-26-58, Cl. 260-204.
- Muller, Hanns, to H. and F. W. Deckel. Feeler-device. 2,849,799, 9-2-58, Cl. 33-172.
- Müller, Hans: See—
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- Müller, Hans. Gripper transfer mechanism for folded sheets. 2,820,629, 1-21-58, Cl. 270-54.
- Muller, Hans, to A. Handtmann Armaturenfabrik. Portioning machine for dispensing pasty masses, particularly sausage meat. 2,854,689, 10-7-58, Cl. 17-33.
- Müller, Hans, to H. and F. W. Deckel. Feeler-pin measuring devices. 2,860,419, 11-18-58, Cl. 33-172.
- Müller, Heinrich. Single-track vehicular toy. 2,821,938, 2-4-58, Cl. 104-245.
- Muller, Heinrich, and A. Girz, to Schreyer & Co. Toy aircraft. 2,860,447, 11-18-58, Cl. 46-243.
- Muller, Heinz. Electrical fencing equipment. 2,866,107, 12-23-58, Cl. 307-132.
- Müller, Helmut, to J. M. Voith, G. m. b. H. Fluid drive for turbo units. 2,823,849, 2-18-58, Cl. 230-11.
- Muller, Jacques. Apparatus for separating liquids of different densities. 2,829,774, 4-8-58, Cl. 210-114.
- Muller, Jacques. Apparatus for automatic clearing of filters in use. 2,854,140, 9-30-58, Cl. 210-90.
- Muller, Jacques. Reservoir with floating conduit. 2,858,843, 11-4-58, Cl. 137-172.
- Müller, Jakob. Weaving looms with fixed weft bobbins. 2,857,934, 10-28-58, Cl. 139-124.
- Müller, Josef: See—
Lenze, Eberhardt, and Müller. 2,837,631.
- Muller, Josef, to Daimler-Benz Aktiengesellschaft. Motor vehicle of the rear engine type. 2,822,056, 2-4-58, Cl. 180-54.
- Müller, Josef, to Daimler-Benz Akt. Auxiliary chassis member for a vehicle. 2,837,348, 6-3-58, Cl. 280-106.
- Muller, Josef, to Daimler-Benz Akt. Vehicle wheel suspension. 2,843,214, 7-15-58, Cl. 180-73.
- Muller, Joseph E.: See—
Hollinger, Paul M., and Muller. 2,853,020.
- Muller, Karl, to Steinlein & Kunze G. m. b. H. Apparatus for recovering, reconditioning and reusing the used core sand employed in casting. 2,835,941, 5-27-58, Cl. 22-89.
- Müller, Karl E.: See—
Brochhagen, Franzkarl, and Müller. 2,866,762.
Holtzschmidt, Hans, Bayer, Nischk, and Müller. 2,862,972.
Nischk, Günther, Müller, and Bayer. 2,824,821.
Nischk, Günther, Müller, and Bock. 2,865,788.
- Müller, Karl E., W. Bunge, and C. Mühlhausen, to Farbenfabriken Bayer Aktiengesellschaft. Reactions of diisocyanate-modified linear polyesters with urea glycols. 2,822,349, 2-4-58, Cl. 260-75.
- Müller, Karl E., and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of cross-linked plastics. 2,830,978, 4-15-58, Cl. 260-94.9.
- Müller, Karl E., O. Bayer, and S. Petersen, to Farbenfabriken Bayer Akt. High molecular weight cross-linked polyester-urethane elastomer products. 2,861,972, 11-25-58, Cl. 260-45.4.
- Müller, Karl-Walter, and D. Delfs, to Farbenfabriken Bayer Akt. Process for the fission of ethers. 2,862,035, 11-25-58, Cl. 260-620.
- Müller, Konrad, to Siemens & Halske Akt. Control of telephone switches having plurality of simultaneously operated sets of wipers. 2,845,493, 7-29-58, Cl. 179-18.
- Muller, Kurt, and H. Tonniges, to Deutsche Fibril Gesellschaft m. b. H. Fiber molding apparatus. 2,841,054, 7-1-58, Cl. 92-54.
- Muller, Lloyd E., to General Motors Corp. Air intake device. 2,836,257, 5-27-58, Cl. 183-43.
- Muller, Lloyd E., to General Motors Corp. Reversible exhaust manifold system. 2,847,819, 8-19-58, Cl. 60-29.
- Muller, Lloyd E., to General Motors Corp. Driving axle assembly. 2,861,479, 11-25-58, Cl. 74-713.
- Muller, Lloyd E., to General Motors Corp. Journal bearing means. 2,865,691, 12-23-58, Cl. 308-237.
- Muller, Manfred: See—
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- Müller, Max A., to Rand Goetze Corp. Packing ring. 2,844,425, 7-22-58, Cl. 309-14.
- Muller, Max A., and W. Glaser, to Rand Goetze Corp. Torsion compression and oil ring. 2,844,427, 7-22-58, Cl. 309-45.
- Muller, Melinda J.: See—
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Young, Richard W., and Muller. 2,820,793.
Young, Richard W., and Muller. 2,820,794.
- Muller, Nathan W., to National Cylinder Gas Co. Method of inhibiting slag formation in boilers and inhibitor materials for use therein. 2,844,112, 7-22-58, Cl. 110-1.
- Muller, Otto, to Ste Jaruza A. G. Churn. Throwing rotor surrounded by rotary abutment impact surface. 2,841,340, 7-1-58, Cl. 241-187.
- Müller, Paul, to VEB (K) Schweisswerk Halle. Method of electrowelding and products made thereby. 2,840,685, 6-24-58, Cl. 219-73.
- Müller, Paul A. Tobacco filter, particularly for cigarettes. 2,820,461, 1-21-58, Cl. 131-10.
- Müller, Paul A. Filtering material. 2,847,086, 8-12-58, Cl. 183-69.
- Muller, Peter: See—
Keen, Harry J., Muller, Colbert, and Papaleck. 2,837,650.
- Muller, Robert H., to The Air Preheater Corp. Recovery of high pressure fluid in rotary heat exchanger. 2,821,367, 1-28-58, Cl. 257-6.
- Muller, Robert M.: See—
Tackaberry, Robert B., and Muller. 2,829,560.
- Muller, Robert M., to American Optical Co. Telescope and microscope eyepiece system. 2,837,969, 6-10-58, Cl. 88-57.
- Muller, Roger, to Etablissements Gimar. Stroke varying device for mechanical presses and other machines. 2,862,405, 12-2-58, Cl. 74-571.
- Muller, Siegfried E.: See—
Seiler, Karl O., and Muller. 2,855,335.
- Müller, Walter. Machine plants for the continuous automatic production of planks of predetermined length. 2,839,099, 6-17-58, Cl. 143-47.
- Müller, Werner, to Siemens & Halske Akt. Directional conductor device and method of making it. 2,842,725, 7-8-58, Cl. 317-236.
- Müller, Werner, and R. Raue, to Farbenfabriken Bayer Akt. Lubricating compositions. 2,848,418, 8-19-58, Cl. 252-51.5.
- Muller, Werner C., to National Petro-Chemicals Corp. Method and apparatus for removal of liquefied gas from underground caverns. 2,862,242, 12-16-58, Cl. 62-55.
- Muller, Werner C., to National Distillers and Chemical Corp. Process of preparation of titanium. 2,865,738, 12-23-58, Cl. 75-84.5.
- Muller, Werner C., and F. D. Miller, to National Distillers and Chemical Corp. Recovery process for ester condensation products. 2,843,624, 7-15-58, Cl. 260-483.
- Muller, Wilhelm: See—
Becker, Arno. 2,846,161.
- Muller, Wilhelm, to Telefonbau und Normalzeit G. m. b. H. Printing cylinder having an interchangeable printing plate for application in postage meters. 2,833,210, 5-6-58, Cl. 101-91.
- Müller, Wilhelm, to Firma Continental Gummi Werke Akt. Belt conveyer apparatus. 2,836,285, 5-27-58, Cl. 198-162.
- Müller, Wilhelm, to Farbenfabriken Bayer Akt. Process for the production of acrylonitrile. 2,838,559, 6-10-58, Cl. 260-465.3.
- Müller, Wilhelm, to E. Merck Akt. Darmstadt. Process of manufacturing perchloric acid by anodic oxidation of chlorine. 2,846,383, 8-5-58, Cl. 204-82.
- Müller, Wilhelm, J. Heinen, and J. Casper, to Farbenfabriken Bayer Akt. Process for the production of acrylonitrile. 2,851,478, 9-9-58, Cl. 260-464.3.
- Müller, Willy, to Internova Trust. Sound recording and reproducing apparatus in conjunction with a telephone subscriber set. 2,850,570, 9-2-58, Cl. 179-6.
- Mullett, Howard G., to Bradley Washfountain Co. Foot control valve mechanism for washfountains. 2,836,080, 5-7-58, Cl. 74-512.
- Mullett, Leslie B., B. G. Loach, and G. L. Adams, to United States of America, Atomic Energy Commission. Loaded waveguides. 2,840,788, 6-24-58, Cl. 333-31.
- Mullich, Oliver J., to Southern Hotel and Restaurant Supplies, Inc. Sanitary can opener apparatus. 2,840,899, 7-1-58, Cl. 30-4.
- Mullich, Oliver J., to Southern Hotel and Restaurant Supplies, Inc. Sanitary can opener. 2,840,900, 7-1-58, Cl. 30-8.4.

- Mulligan, Leo, to General Electric Co. Crepe paper insulation. 2,831,050, 4-15-58, Cl. 174-122.
- Mullikin, Forrest T., to ACF Industries, Inc. Capacitor assembly. 2,820,934, 1-21-58, Cl. 317-260.
- Mullikin, Forrest T., to ACF Industries, Inc. Adjustable capacitor. 2,827,600, 3-18-58, Cl. 317-248.
- Mullin Gmel Co.: See—
- Mullin, Robert E.: 2,836,699.
- Mullin, Harold E., 50% to K. R. Freshour. Harness and trip-hook. 2,855,133, 10-7-58, Cl. 227-49.
- Mullin, John T.: See—
- Johnson, Wayne R. 2,828,478.
- Mullin, Robert E., to Mullin Gmel Co. Instantaneous water heater. 2,836,699, 5-27-58, Cl. 219-40.
- Mullinix, Charles D. Package with locking tab and slit. 2,826,296, 3-11-58, Cl. 206-45.31.
- Mullinix, Charles D. Packaging means. 2,835,435, 5-20-58, Cl. 229-87.
- Mullinix, Charles D. Packages. 2,858,057, 10-28-58, Cl. 229-4.5.
- Mullins, Dennis H., to Union Carbide Corp. Vinyl chloride resin plasticized with a bis-(3,4-epoxycyclohexanecarboxylate) and composition containing same. 2,862,904, 12-2-58, Cl. 260-30.4.
- Mullins, Frederick C., to Koppers Co., Inc. Ammonia still apparatus. 2,839,369, 6-17-58, Cl. 23-263.
- Mullins, J. G.: See—
- Moore, Buell. 2,860,236.
- Mullins, William D. Fixture for supporting tire casings. 2,856,978, 10-21-58, Cl. 152-10.
- Mulloy, John F.: See—
- Dreisbach, Robert R., Mulloy, and Lowes. 2,829,178.
- Dreisbach, Robert R., Mulloy, and Lowes. 2,829,179.
- Dreisbach, Robert R., Mulloy, and Lowes. 2,851,498.
- Mulno, Lester F., to Harrington & Richardson, Inc. Revolver with swing-out cylinder. 2,830,397, 4-15-58, Cl. 42-62.
- Mulqueeny, Thomas J., and F. R. Seavy, to Olin Mathieson Chemical Corp. Ignition composition. 2,825,639, 3-4-58, Cl. 52-3.
- Mulsoy, Nelson O. W. Temperature regulated valve control mechanism. 2,822,693, 2-11-58, Cl. 74-2.
- Multi Corp.: See—
- Rutherford, Henry P. 2,828,773.
- Rutherford, Henry P. 2,828,774.
- Rutherford, Henry P. 2,828,775.
- Multiscope, Inc.: See—
- Van Eiten, Peter W. 2,848,093.
- Mulvaney, Loyola L., and H. H. Jones. Apparatus for turning tires on locomotive wheels. 2,837,001, 6-3-58, Cl. 82-36.
- Mumford, Eustace H., to Owens-Illinois Glass Co. Means for delivering formed charges of molten glass to molds. 2,859,559, 11-11-58, Cl. 49-14.
- Mumford, George V., to Owens-Illinois Glass Co. Method and apparatus for forming bodies from plastic materials. 2,854,694, 10-7-58, Cl. 18-19.
- Mumford, George V., to Owens-Illinois Glass Co. Apparatus for transferring and trimming plastic articles. 2,855,044, 10-7-58, Cl. 164-38.
- Mumford, William W., and C. E. Petruzzini, to Bendix Aviation Corp. Spring controlled condition responsive indicating mechanism. 2,855,887, 10-14-58, Cl. 116-129.
- Mummert, John F., B. Williams, and R. L. Brown, to Chicago Bridge & Iron Co. Method of erecting floating roofs and apparatus therefor. 2,847,755, 8-19-58, Cl. 29-429.
- Munao, Philip. Condiment dispenser. 2,830,731, 4-15-58, Cl. 222-78.
- Munch, Robert J.: See—
- Bikales, Norbert M., and Munch. 2,863,918.
- Munch, Werner: See—
- Mariani, Giuseppe, Notarbartolo, and Munch. 2,820,278.
- Münch, Werner, L. Notarbartolo, and R. Lamma, to Perfogit Società per Azioni. Process for obtaining pure products of polymerization of 11-amino undecanoic acid. 2,829,127, 4-1-58, Cl. 260-78.
- Münch, Werner, L. Notarbartolo, and R. Lamma, to Perfogit Società per Azioni. Butyrolactone initiated polymerization of caprolactam. 2,832,757, 4-29-58, Cl. 260-78.
- Muncheryan, Hrand M. Temperature-indicating device and closure cap. 2,866,338, 12-30-58, Cl. 73-343.
- Munday, Charles W., to The Distillers Co. Ltd. Radiation detector. 2,844,728, 7-22-58, Cl. 250-43.5.
- Munday, George: See—
- Rose, Carl. 2,842,042.
- Munday, Horace D. Can opener with pivoted lever members. 2,835,968, 5-27-58, Cl. 30-3.
- Munday, John C.: See—
- Matuszak, Alfred H., Hand, and Munday. 2,857,421.
- Matuszak, Alfred H., Morway, and Munday. 2,850,456.
- Mundell, Elmore H., to R. R. Donnelley & Sons Co. Rack for supporting an electrolyte plate during plating. 2,847,378, 8-12-58, Cl. 204-297.
- Mundell, Elmore H., to R. R. Donnelley & Sons Co. Method of copper plating. 2,852,450, 9-16-58, Cl. 204-52.
- Mundell, James M., and J. Pavlovich, Jr., to United States Steel Corp. Trackway scraper. 2,840,930, 7-1-58, Cl. 37-104.
- Mundinger, Richard W.: See—
- Zurawic, Theodore E., Mundinger, and Tousignant. 2,850,408.
- Mundy, Lloyd W.: See—
- Heer, Ralph W., Mundy, and Kuhn. 2,847,917.
- Mungen, Richard: See—
- Hujsak, Karol L., and Mungen. 2,833,804.
- Mungen, Richard, to Pan American Petroleum Corp. Process for conducting fluidized reactions. 2,823,219, 2-11-58, Cl. 280-449.6.
- Munger, Stanley H., H. Smithies, and H. B. Whitfield, Jr., to E. I. du Pont de Nemours and Co. Extrusion apparatus. 2,838,794, 6-17-58, Cl. 18-12.
- Munk, Paul, to California Research Corp. Extractive distillation process. 2,856,442, 10-14-58, Cl. 260-674.
- Münker, Theodor. Apparatus which controls temperature and speed of extruded product. 2,863,557, 12-9-58, Cl. 207-2.
- Munn, Harry Q. Floating tool holder. 2,826,053, 3-11-58, Cl. 64-31.
- Munn, Hiram. Vehicle safety equipment for passenger protection. 2,859,048, 11-4-58, Cl. 280-150.
- Munn, Robert D., to International Business Machines Corp. Electrical contact assembly. 2,847,529, 8-12-58, Cl. 200-67.
- Munro, James M. Method of transferring a picture. 2,819,196, 1-7-58, Cl. 154-103.
- Munro, James M., to United States of America, Navy. Automatically releasing swivel coupling. 2,850,317, 9-2-58, Cl. 294-83.
- Munro, Wendell P.: See—
- Kaplan, Earl, and Munro. 2,827,358.
- Munro, William D. Curve follower. 2,838,683, 6-10-58, Cl. 250-227.
- Munschauer, Frederick E., to Niagara Machine & Tool Works. Straight side punch press. 2,843,204, 7-15-58, Cl. 164-86.
- Munsey, Clarence J.: See—
- Kuehn, Rudolph L., and Munsey. 2,863,055.
- Munsingwear, Inc.: See—
- Severson, Nels A. 2,827,051.
- Munson, Donald J., to The J. R. Clark Co. Self adjustable foot for tables. 2,854,770, 10-7-58, Cl. 38-114.
- Munson, Everis D., to Brown & Bigelow. Loose leaf memorandum index. 2,822,633, 2-11-58, Cl. 40-104.
- Munson, Gilbert M., and P. R. Gettier. Faucet. 2,841,314, 7-1-58, Cl. 222-519.
- Munson, Whitney K. Machine for stamping cans and other packaged goods. 2,832,282, 4-29-58, Cl. 101-41.
- Munson, Whitney K. Rubber stamps. 2,844,097, 7-22-58, Cl. 101-380.
- Munson, Whitney K. Interchangeable type stamp device. 2,859,694, 11-11-58, Cl. 101-380.
- Munster, Allen C.: See—
- Sunstein, David E., Ussler, and Munster. 2,841,704.
- Münster, Arnold, and R. Weber, to Metallgesellschaft Akt. Hard surface coated gear member. 2,836,514, 5-27-58, Cl. 117-106.
- Munters, Carl G. Apparatus for impregnating multi-layer paper insulation. 2,839,838, 6-24-58, Cl. 34-75.
- Munters, Carl G., and E. Berner. Roofs of buildings. 2,855,869, 10-14-58, Cl. 108-6.
- Muntz, Alan, & Co. Ltd.: See—
- Beale, Evelyn S. L. 2,851,245.
- Beale, Evelyn S. L., and Lovatt. 2,830,565.
- Muntz, Karl H. Method of eviscerating fowl. 2,830,319, 4-15-58, Cl. 17-45.
- Munushian, Jack, to Hughes Aircraft Co. Waveguide coupling. 2,850,704, 9-2-58, Cl. 333-34.
- Munz, Ferdinand: See—
- Ballauf, Albert, Münz, and Bayer. 2,825,723.
- Lehmann, Wolfgang, Munz, Bayer, and Kleiner. 2,844,390.
- Munzer, Arby A. Watchmaker's temper removing tool. 2,830,163, 4-8-58, Cl. 219-19.
- Murakami, Saburo, to Nippon Kogaku K. K. Wide aperture photographic objectives. 2,828,671, 4-1-58, Cl. 888-57.
- Murakoshi, Masahiko: See—
- Oda, Kenichi, and Murakoshi. 2,829,095.
- Murata, Yoritama. Method and devices of horizontal absorbing of shock on vehicles. 2,863,672, 12-9-58, Cl. 280-283.
- Murata, Yoshiaki, to National Aluminate Corp. Ion exchange resins derived from vinyl pyridine, polyvinylbenzene and styrene compounds. 2,828,270, 3-25-58, Cl. 260-2.1.
- Murayama, Makio. Method and apparatus for automatic amperometric titration. 2,834,654, 5-13-58, Cl. 23-230.
- Murchie, Robert B. Bed construction. 2,866,209, 12-30-58, Cl. 5-317.
- Murchison, Bessie F.: See—
- Murchison, Blackwell K. 2,830,763.
- Murchison, Blackwell K. 2,830,820.
- Murchison, Blackwell K. 2,845,123.
- Murchison, Blackwell K., deceased (B. F. Murchison, executrix). Register for justifying lines of type. 2,830,763, 4-15-58, Cl. 235-92.
- Murchison, Blackwell K., deceased (B. F. Murchison, executrix). Type setting machines. 2,830,820, 4-15-58, Cl. 276-2.
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- Murcott, Charles E. Collapsible golf carts. 2,860,888, 11-18-58, Cl. 280-41.
- Murdoch, Alexander, Jr., to Telephonics Corp. Vibration producing apparatus. 2,826,396, 3-11-58, Cl. 259-72.
- Murdoch, Alexander, Jr., to Telephonics Corp. Sonic energy apparatus. 2,854,012, 9-30-58, Cl. 134-116.

- Murdoch, Andrew M., to Sperry Products, Inc. Means for transmitting and receiving ultrasonic shear wave motion. 2,844,741, 7-22-58, Cl. 310-8.5.
- Murdoch, Colin D., and R. V. Johnson; said Johnson assor. to said Murdoch. Graphical recording apparatus. 2,835,549, 5-20-58, Cl. 346-32.
- Murdoch, Frank N. Geometrical measuring and drafting instrument. 2,865,106, 12-23-58, Cl. 33-150.
- Murdoch, Clayton E., to Eitel-McCullough, Inc. Drift tube for klystron. 2,824,289, 2-18-58, Cl. 333-83.
- Murdoch, Forrest L., Sr. Separator for oil, gas and water. 2,837,213, 6-3-58, Cl. 210-187.
- Murdoch, Forrest L., Sr., H. D. Boggs, and C. T. Beeson, to Plastic Products Corp. Method of embedding and sealing a plurality of bolt heads in a protective body. 2,860,082, 11-11-58, Cl. 154-110.
- Murdoch, Paul F.: See—
- Janssen, Webster E., and Murdoch. 2,820,391.
- Murdoch, Stanley A., T. G. Traylor, and T. B. Lefterdink, to The Dow Chemical Co. Anistatic copolymer of sulfonated styrene and vinyl-pyridine and treatment thereof of synthetic shaped articles. 2,829,066, 4-1-58, Cl. 117-7.
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- Murmman, Wilhelm, to Firma Hochtief Akt. fur Hock- und Tiefbauten, vorm. Gebr. Helfmann. Reinforced dam. 2,863,291, 12-9-58, Cl. 61-31.
- Murney, Wayne V. Dispensing device for tooth paste, shaving cream and the like. 2,828,891, 4-1-58, Cl. 222-192.
- Murnighan, Richard J., to Vitro Corp. of America. Current regulator. 2,829,334, 4-1-58, Cl. 323-22.
- Muros, Joseph: See—
- Shnitzler, Meyer J., Lewiwicki, and Muros. 2,848,806.
- Murozumi, Masahiko: See—
- Matsuo, Naojiro, Fujioka, and Murozumi. 2,849,524.
- Murphy, Wilbur A., to E. I. du Pont de Nemours and Co. N-chlorinated polysulfonamides. 2,853,475, 9-23-58, Cl. 260-79.3.
- Murphy, Arthur G., to Allen Electric and Equipment Co. Method and apparatus for monitoring the ignition timing of an internal combustion engine. 2,863,114, 12-2-58, Cl. 324-16.
- Murphy, August W.: See—
- Lilienstein, Manfred, and Murphy. 2,832,034.
- Murphy, Burl P. Combination drinking glass and heat insulating coaster. 2,832,493, 4-29-58, Cl. 215-13.
- Murphy, Charles F.: See—
- Moehring, William D., and Murphy. 2,835,742.
- Murphy, Charles F., to United States of America, Army. Lockable hinged handle for containers. 2,841,814, 7-8-58, Cl. 16-110.
- Murphy, Charles F., to United States of America, Army. Lid stay assembly. 2,842,278, 7-8-58, Cl. 217-60.
- Murphy, Charles R. Door knob construction. 2,864,642, 12-16-58, Cl. 292-353.
- Murphy, Clarence R., to Warren Petroleum Corp., Inc. Method for deionizing aqueous pentaerythritol solutions. 2,865,822, 12-23-58, Cl. 204-72.
- Murphy, Clyde G., to E. I. du Pont de Nemours and Company. Ready-mixed aluminum coating compositions and articles coated therewith. 2,843,554, 7-15-58, Cl. 260-18.
- Murphy, Daniel. Unitary electric motor and unit driven thereby. 2,849,959, 9-2-58, Cl. 103-87.
- Murphy, Donald W., to Bethlehem Steel Co. Process for improving the machining qualities of steel. 2,829,996, 4-8-58, Cl. 148-21.5.
- Murphy, Dorothy M., and R. G. Shepherd, to American Cyanamid Co. Sulfapyridazines and methods of preparing the same. 2,833,761, 5-6-58, Cl. 260-239.7.
- Murphy, Edward J., to Sperry Rand Corp. Hybrid junction. 2,853,683, 9-23-58, Cl. 333-11.
- Murphy, Francis P.: See—
- Prestrud, Lars O., and Murphy. 2,848,977.
- Murphy, Frank W. Safety switch. 2,843,687, 7-15-58, Cl. 200-56.
- Murphy, Frank W. Engine safety switch. 2,851,552, 9-9-58, Cl. 200-56.
- Murphy, Freland M. Identifier and tester for electrical circuits. 2,822,519, 2-4-58, Cl. 324-66.
- Murphy, Freland M. Circuit identifier and tester. 2,862,179, 11-25-58, Cl. 324-51.
- Murphy, George B., to United Aircraft Corp. Blade locking means. 2,847,187, 8-12-58, Cl. 253-77.
- Murphy, Gordon J. W., to The Texas Co. Apparatus for corrosion prevention. 2,847,375, 8-12-58, Cl. 204-197.
- Murphy, James G. Silver polish. 2,841,501, 7-1-58, Cl. 106-3.
- Murphy, John A. Military campaign ribbon holder. 2,832,161, 4-29-58, Cl. 40-1.5.
- Murphy, John F.: See—
- Keating, Henry E., Murphy, and Poss. 2,827,960.
- Murphy, John M., and L. J. Mann, to General Motors Corp. Two temperature refrigerator with forced air circulation. 2,859,595, 11-11-58, Cl. 62-214.
- Murphy, John M., and L. J. Mann, to General Motors Corp. Refrigerating apparatus. 2,863,300, 12-9-58, Cl. 62-187.
- Murphy, Joseph P., and K. A. Weimer, to Federal Paper Board Co., Inc. Insulation ventilator tube. 2,848,016, 8-19-58, Cl. 138-78.
- Murphy, Laurence W., to Geo. A. Hormel & Co. Apparatus for facilitating sticking bleeding of slaughter animals. 2,841,817, 7-8-58, Cl. 17-24.
- Murphy, Leslie R. Portable heavy-duty weighing scale. 2,823,911, 2-18-58, Cl. 265-55.
- Murphy, Martin O.: See—
- Edwards, Monte W., and Murphy. 2,862,336.
- Murphy, Nelson F., and R. S. Tinsley, to Callery Chemical Co. Electrochemical preparation of boron. 2,848,396, 8-19-58, Cl. 204-60.
- Murphy, Norman B.: See—
- Noxon, Paul A., MacCallum, and Murphy. 2,838,258.
- Murphy & Nye, Inc.: See—
- Stearns, Richard I. 2,858,789.
- Murphy, Orlando J.: See—
- Cornell, Warren A., McGuigan, and Murphy. 2,845,610.
- Henning, Harley A., Murphy, and Teager. 2,855,146.
- Murphy, Oscar V., to Newway Engineering Co. Means for controlling the actuation of a mould dump. 2,830,716, 4-15-58, Cl. 214-46.22.
- Murphy, Owen K. Motor operated kinesitherapy device. 2,833,276, 5-6-58, Cl. 128-33.
- Murphy, Owen K. Motor driven kinesitherapy device. 2,852,020, 9-16-58, Cl. 128-24.1.
- Murphy Radio Ltd.: See—
- Fairhurst, Harold A. 2,862,999.
- McMullin, Terence A. 2,840,783.
- McMullin, Terence A. 2,849,667.
- Murphy, Robert P., Jr.: See—
- Lumms, James L., Murphy, and Scott. 2,846,390.
- Murphy, Russell C., and M. W. Reynolds. Intermittently illuminated toy. 2,849,819, 9-2-58, Cl. 46-230.
- Murphy, Stewart F.: See—
- Smythe, Edwin T., and Murphy. 2,835,917.
- Murphy, William H. Door control mechanism for refrigerated trucks. 2,846,213, 8-5-58, Cl. 268-48.
- Murphy, William M. Direct storm window vent control. 2,845,017, 7-29-58, Cl. 98-97.
- Murphy, William P., to United States of America, Army. Drum cooling device. 2,859,664, 11-11-58, Cl. 89-14.
- Murray, Alan E. Process of producing a sole for shoes. 2,845,640, 8-5-58, Cl. 12-146.
- Murray, Alan E. Method of taking cast of feet in dynamic position and product thereof. 2,856,633, 10-21-58, Cl. 18-5.1.
- Murray, Alan E. Process of making splints. 2,856,919, 10-21-58, Cl. 128-90.
- Murray Albert R., to Minter Brothers, Inc. Method of and apparatus for forming candy eggs. 2,865,310, 12-23-58, Cl. 107-8.
- Murray, Basil G.: See—
- Murray, Guy L. 2,842,046.
- Murray Co. of Texas, Inc. The: See—
- Day, Dewey D. 2,830,328.
- Day, Dewey D. 2,837,022.
- Day, Dewey D. 2,861,299.
- Wuertz, Emil S. 2,818,740.
- Murray Corp. of America, The: See—
- Stelljes, Charles R. 2,855,798.
- Stelljes, Charles R., and Flannery. 2,844,965.
- Stelljes, Charles R., and Rogers. 2,837,927.
- Murray, D. J., Mfg. Co.: See—
- Payzer, Samuel D., and Sayles. 2,847,179.
- Murray, Donald A.: See—
- Toland, Wayne G., and Murray. 2,839,979.
- Murray, Francis L., Jr., to St. Regis Paper Co. Apparatus for controlling boiler soot blowers and the like. 2,825,922, 3-11-58, Cl. 15-316.
- Murray, George C., and F. T. Stixrud, to Magline Inc. Loading ramp. 2,842,787, 7-15-58, Cl. 14-72.
- Murray, George H., and P. R. Smith, to D. Napier & Son Ltd. Power transmission mechanisms. 2,822,669, 2-11-58, Cl. 60-97.
- Murray, George H., and E. Brook, to D. Napier & Son Ltd. Propulsion apparatus for ships or boats. 2,833,382, 5-6-58, Cl. 192-098.
- Murray, Guy L., deceased, by L. and B. G. Murray, executors. Means for printing or decorating articles of ware. 2,842,046, 7-8-58, Cl. 101-41.
- Murray, Harry A., E. L. Sexton, and D. Melnick, to The Best Foods, Inc. Oat cereal product and process for obtaining the same. 2,864,702, 12-16-58, Cl. 99-80.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 11a,17a,21-trihydroxy-4-pregnene-3,20-dione and esters thereof. 2,861,088, 11-18-58, Cl. 260-397.45.
- Murray, James S., to General Telephone Laboratories, Inc. Wiper assembly for automatic switches. 2,820,126, 1-14-58, Cl. 200-166.
- Murray, James S., to General Telephone Laboratories, Inc. Answering service arrangements in telephone systems. 2,866,007, 12-23-58, Cl. 179-27.
- Murray, James V., Jr., C. H. Young, and J. R. Anderson, to Union Carbide Corp. Separation of aromatics and aliphatics using alkylene carbonate. 2,837,585, 6-3-58, Cl. 260-674.
- Murray, John F., to Thompson Products, Inc. Aircraft fuel pumping system. 2,823,518, 2-18-58, Cl. 60-35.6.
- Murray John F., to Thompson Products, Inc. Pressure-loaded gear pump. 2,865,302, 12-23-58, Cl. 103-126.
- Murray, John F., and J. C. Osborne, to Thompson Products, Inc. High pressure pump. 2,855,855, 10-14-58, Cl. 103-126.

- Murray, John F., and J. C. Osborne, to Thompson Products, Inc. High pressure pump. 2,855,856, 10-14-58, Cl. 103-126.
- Murray, John J. Scuttle and ladder combination. 2,840,289, 6-24-58, Cl. 228-42.
- Murray, John W., to General Electric Co. Tachometer indicator. 2,828,955, 4-1-58, Cl. 264-13.
- Murray, Lillian: *See*—
- Murray, Guy L. 2,842,046.
- Murray, Lloyd G., to The Aetna-Standard Engineering Co. Sheet feeding apparatus. 2,819,073, 1-7-58, Cl. 271-11.
- Murray Mfg. Corp.: *See*—
- Kobryner, Herman H. 2,831,088.
- Kuhn, Alfred R. 2,838,626.
- Kuhn, Alfred R., and Hill. 2,838,627.
- Murray, Maurice J.: *See*—
- Nixon, William G., Bicek, and Murray. 2,860,045.
- Murray, Maurice J., and C. B. Linn, to Universal Oil Products Co. Preparation of solid composites. 2,830,958, 4-15-58, Cl. 252-433.
- Murray, Maxton F.: *See*—
- Booth, Roger E., Dale, and Murray. 2,862,921.
- Heinzelman, Richard V., and Murray. 2,839,524.
- Murray, Maxton F., to The Upjohn Co. Salicylic acid β -cyclopentylpropionate. 2,835,697, 5-20-58, Cl. 260-468.
- Murray, Nelson A. Flame photometer. 2,857,801, 10-28-58, Cl. 88-14.
- Murray, Norris N., to the United States of America as represented by the Secretary of the Army. Universal bang gun holster and harness. 2,819,830, 1-14-58, Cl. 224-2.
- Murray, Norris N., to United States of America, Air Force. Carbon dioxide valve. 2,853,263, 9-23-58, Cl. 251-74.
- Murray-Ohio Mfg. Co.: *See*—
- Douglas, Alvin P. 2,854,108.
- Douglas, Alvin P., and Hahn. 2,852,272.
- Douglas, Alvin P., and Hahn. 2,855,218.
- Douglas, Alvin P., and Hahn. 2,855,219.
- Douglas, Alvin P., and Hahn. 2,855,220.
- Golrick, Albert R. 2,863,333.
- Murray, Peter B.: *See*—
- Mills, Ivor W., and Murray. 2,850,433.
- Murray, Peter B., to Sun Oil Co. Treatment of sulfuric acid sludge. 2,839,365, 6-17-58, Cl. 23-178.
- Murray, Peter B., to Sun Oil Co. Production of aromatics from paraffins. 2,856,441, 10-14-58, Cl. 260-673.5.
- Murray, Robert E., to McGraw-Edison Co. Stereophonic reception. 2,827,514, 3-18-58, Cl. 179-1.
- Murray, Robert W. Electric boring apparatus. 2,822,148, 2-4-58, Cl. 255-36.
- Murray, Robert W. Electric flame boring apparatus. 2,866,622, 12-30-58, Cl. 255-4.8.
- Murray, Thomas B.: *See*—
- Cutler, Albert E., and Murray. 2,829,446.
- Murray, Thomas B., to Communications Patents Ltd. Multi-chart course indicating apparatus. 2,857,234, 10-21-58, Cl. 346-8.
- Murray, Thomas F., G. A. Reynolds, and J. A. Van Allan, to Eastman Kodak Co. Carboxymethylmercapto compounds as stabilizers for photographic emulsions. 2,819,965, 1-14-58, Cl. 96-109.
- Murray, Thomas J., 50% to J. C. Redd. Earth boring machine. 2,857,139, 10-21-58, Cl. 255-22.
- Murray, Walter P., to Mount Hope Machinery Co. Apparatus for de-clogging interstices of sheet-type conveyors. 2,854,131, 9-30-58, Cl. 198-230.
- Murray, William S.: *See*—
- Aho, Charles E., Murray, and Sloan. 2,829,028.
- Murray, William S., to E. I. du Pont de Nemours and Co. Vulcanizable rubber latices and process of vulcanization. 2,831,823, 4-22-58, Cl. 260-29.7.
- Murrell, Harvey S. Collar feeding mechanism. 2,852,899, 9-23-58, Cl. 53-198.
- Murrell, John T.: *See*—
- Turrall, George, and Murrell. 2,818,568.
- Murrell, Merwyn C., to Excel Body Corp. Creep feeders. 2,863,419, 12-9-58, Cl. 119-20.
- Murrin, Thomas J.: *See*—
- Seidel, Martin P., and Murrin. 2,858,241.
- Murrow, William R., and A. L. Connally, to The M & M Mfg. Co. Deep well bridge. 2,822,876, 2-11-58, Cl. 166-192.
- Mursch, William H., to United States Steel Corp. Flexible self-centering roll. 2,854,235, 9-30-58, Cl. 271-2.6.
- Murtagh, James J., and C. C. Kinker, to J. J. Murtagh. Burnishing machine. 2,839,876, 6-24-58, Cl. 51-99.
- Murtland, James B., Jr., to Allegheny Ludlum Steel Corp. Method of cleaning metal strip. 2,826,539, 3-11-58, Cl. 204-141.
- Musante, Leslie: *See*—
- Gradoff, Alex, Howell, and Vinoff. 2,822,569.
- Musch, John H.: *See*—
- Miller, Verle A., Bebb, and Musch. 2,822,341.
- Muschamp, Harold L., and J. R. Grady, said Grady assor. to said Muschamp. Core delivery device for cop winding machines. 2,834,509, 5-13-58, Cl. 221-22.
- Müschenborn, Walter: *See*—
- Reerink, Wilhelm, Müschenborn, and Nätzold. 2,842,319.
- Reerink, Wilhelm, Müschenborn, and Nätzold. 2,859,917.
- Muse, John F.: *See*—
- Baker, John R., and Muse. 2,841,171.
- Conrad, Martin B., and Muse. 2,841,226.
- Muse, John F., and B. Kriegel, to Baker Oil Tool, Inc. Rotary expandible drill bits. 2,822,150, 2-4-58, Cl. 255-76.
- Muse, Marlin F. Tube end forming tool with pivotal mandrel. 2,838,773, 6-17-58, Cl. 7-14.1.
- Muse, Marshall H. Electrotype printing plate. 2,826,143, 3-11-58, Cl. 101-395.
- Muse, Richard H. Animated sign. 2,847,782, 8-19-58, Cl. 40-132.
- Musgrave, Harold G.: *See*—
- Fox-Williams, Jack, and Musgrave. 2,838,148.
- Musgrave, Merrill N. Devices for separating raisins from admixed stems. 2,825,454, 3-4-58, Cl. 209-12.
- Musgrave, Orly. Riding lawn mower. 2,865,159, 12-23-58, Cl. 56-25.4.
- Musgrave, Orly. Electric motor housings for gasoline engine starters. 2,865,358, 12-23-58, Cl. 123-179.
- Musgrave, Orly. Side car arrangement for golfing vehicle. 2,865,656, 12-23-58, Cl. 280-203.
- Mushack, Franz: *See*—
- Kaether, Willy, and Mushack. 2,857,907.
- Musk, Henry A.: *See*—
- Howell, Robert J., McClellan, and Musk. 2,830,176.
- Muskat, Irving E.: *See*—
- Fennebresque, John D., and Muskat. 2,830,925.
- Muskegon Piston Ring Co.: *See*—
- Hamm, Douglas W. 2,821,446.
- Muskus, Clive Z.: *See*—
- Scott, William J., and Muskus. 2,842,714.
- Musler, Manuel U. Container for disposable tissues. 2,826,334, 3-11-58, Cl. 221-45.
- Muspratt, Paul M. Radiant heating panel. 2,840,353, 6-24-58, Cl. 257-124.
- Musschoot, Albert: *See*—
- Erickson, Willard E., and Musschoot. 2,850,185.
- Musschoot, Albert, to Link-Belt Co. Oscillating conveyors. 2,830,696, 4-15-58, Cl. 198-220.
- Musschoot, Albert, to Link-Belt Co. Receptacle loader and unloader. 2,850,184, 9-2-58, Cl. 214-53.
- Musselman, John M., and C. H. Whitacre, to The Standard Oil Co. High stability greases. 2,824,064, 2-18-58, Cl. 252-41.
- Musselman, John M., and C. P. Nunley, to The Standard Oil Co. Sodium soap thickened solvent extracted high viscosity index oil. 2,824,066, 2-18-58, Cl. 252-42.1.
- Musser, C Walton: *See*—
- Stott, Albert M., and Musser. 2,837,370.
- Musser, C Walton, to United States of America, Army. Adjustable support and releasably interlocking member supported thereby. 2,848,814, 8-26-58, Cl. 33-50.
- Musser, C Walton, to United Shoe Machinery Corp. Pump for chemicals and the like. 2,849,962, 9-2-58, Cl. 103-149.
- Musser, C Walton, to United States of America, Army. Aerial carry and release mechanism. 2,852,982, 9-23-58, Cl. 89-1.5.
- Musser, C Walton, to United States of America, Army. Telescope mount. 2,864,634, 12-16-58, Cl. 287-117.
- Musser, C Walton, and L. W. Insetta, to the United States of America as represented by the Secretary of the Army. Gauge for measuring barrel shape of compression specimens. 2,825,140, 3-4-58, Cl. 33-174.
- Musser, C Walton, and L. W. Insetta, to United States of America, Army. Piezoelectric gage. 2,842,686, 7-8-58, Cl. 310-8.7.
- Musser, C Walton, A. Benditt, and L. W. Insetta, to United States of America, Army. Telescopic unipod. 2,844,905, 7-29-58, Cl. 42-94.
- Musser, Charles W.: *See*—
- Bill, Charles H., and Musser. 2,856,478.
- Musser, Clair O., to Knickerbocker Plastic Co. Inc. Revolving target. 2,861,808, 11-25-58, Cl. 273-102.1.
- Musser, Robert R. Auxiliary spring for vehicles. 2,829,882, 4-8-58, Cl. 267-41.
- Musser, Samuel J., and B. Van Weelden, to The Upjohn Co. Mechanical device for supporting articles on microscope stage. 2,857,809, 10-28-58, Cl. 88-40.
- Musser, Walton, to United States of America, Army. Recoilless firearm and ammunition therefor. 2,834,255, 5-13-58, Cl. 89-1.7.
- Mussler, Kurt E. Swiveled front seat for automobiles. 2,822,858, 2-11-58, Cl. 155-5.
- Musslewhite, Thomas W. Oil and gas separator. 2,861,647, 11-25-58, Cl. 183-2.7.
- Mustain, George V. Fuel and air supplying and mixing chamber for internal combustion engines. 2,856,169, 10-14-58, Cl. 261-51.
- Mustee, Bernard E., to E. L. Mustee & Sons, Inc. Laundry tub cover. 2,823,823, 2-18-58, Cl. 220-24.
- Mustee, E. L., & Sons, Inc.: *See*—
- Mustee, Bernard E. 2,823,823.
- Musterer, Fred W.: *See*—
- Compton, Stanley P., and Musterer. 2,858,669.
- Mutaffis, Thomas D.: *See*—
- Brouillard, Robert E., and Mutaffis. 2,838,415.
- Muth, Ludwig: *See*—
- Roesch, Adolf, Sonnet, and Muth. 2,828,938.
- Muth, Robert C., to General Electric Co. Charge supporting means for furnaces. 2,837,326, 6-3-58, Cl. 263-40.
- Muth, Tobias R., to W. Stroh, Jr. Transfer-printing press for printing addresses on envelopes from negative forms on cards. 2,848,941, 8-26-58, Cl. 101-132.5.
- Muttart, Vincent, to Independent Lock Co. Knob mounting construction. 2,842,389, 7-8-58, Cl. 292-352.
- Mutter, John F. Anti-recoil gun barrels. 2,842,024, 7-8-58, Cl. 89-14.

- Mutter, William W.: *See*—
Bennett, William O., Jr., Fitz Maurice, and Mutter. 2,824,198.
- Mutti, Robert G. Hot and cold water temperature controlling and mixing device. 2,822,001, 2-4-58, Cl. 137—636.1.
- Mutual Furniture Associates, Inc.: *See*—
Glass, Henry P. 2,866,196.
- Muzzey, David S., Jr., to United States of America as represented by the Secretary of the Navy. Hydrostatically controlled arming switch. 2,827,850, 3-25-58, Cl. 102—16.
- Mycalex Electronics Corp.: *See*—
Monack, Albert J., and Kiebert. 2,821,584.
Lynch, George J. 2,866,861.
- Myer, Bert W., Jr.: *See*—
Robb, Wayne P., and Myer. 2,838,215.
- Myer, Charles O., to American Radiator & Standard Sanitary Corp. Cutting board drawer construction. 2,819,141, 1-7-58, Cl. 312—303.
- Myer, Jon H., to Hughes Aircraft Co. Method for producing junctions in semi-conductor device. 2,828,232, 3-25-58, Cl. 148—1.5.
- Myer, Jon H., and W. P. Waters, to Hughes Aircraft Co. Process for making fused junction semiconductor devices with alkali metal-gallium alloy. 2,829,993, 4-8-58, Cl. 148—1.5.
- Myers, Albert F., to Patent Developers, Inc. Differential mechanism. 2,830,466, 4-15-58, Cl. 74—650.
- Myers, Arthur F., and J. R. Hively, to E. I. du Pont de Nemours & Co. Polymerization of chloroprene. 2,837,506, 6-3-58, Cl. 260—92.3.
- Myers, Chester G. Thick-sided box. 2,843,305, 7-15-58, Cl. 229—30.
- Myers, Chester G., C. E. Kuhlman, and M. M. Beckner, to Autokraft Box Corp. Box. 2,843,306, 7-15-58, Cl. 229—34.
- Myers, Claude R.: *See*—
Luckner, Millard B., Myers, and Zindler. 2,854,097.
- Myers, Clayton S., J. E. Wilson, and R. Bostwick, to Union Carbide Corp. Vinyl chloride resin with lead salt and hindered phenol stabilizers. 2,820,774, 1-21-58, Cl. 260—45.75.
- Myers, Clyde B., to Diamond Alkali Co. Method of altering crystallizing characteristics of calcium sulfate. 2,845,337, 7-29-58, Cl. 23—300.
- Myers, David M., to United States of America, Navy. Torpedo hub nut. 2,859,722, 11-11-58, Cl. 114—20.
- Myers, E. A., & Sons, Inc.: *See*—
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- Myers, F. E., & Bro. Co., The: *See*—
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- Myers, Fred W. Door hanging gauge. 2,830,379, 4-15-58, Cl. 33—194.
- Myers, George B., and R. W. Cobean, to Picker X-Ray Corp. Waite Mfg. Division, Inc. X-ray tube head for hazardous locations. 2,821,634, 1-28-58, Cl. 250—87.
- Myers, Gordon S.: *See*—
Langis, Andre L., Myers, and Grant. 2,854,483.
- Myers, Harold B., to Burroughs Corp. Card container. 2,840,083, 6-24-58, Cl. 129—16.
- Myers, Harold B., to Burroughs Corp. Card container. 2,861,706, 11-25-58, Cl. 220—4.
- Myers, Henry S., Jr., to C. F. Braun & Co. Liquid-liquid extraction. 2,851,396, 9-9-58, Cl. 196—14.52.
- Myers, Hubert A.: *See*—
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- Myers, John W., and L. C. Mabry, Jr., to Phillips Petroleum Co. Manganese reforming oxide-containing catalyst. 2,848,510, 8-19-58, Cl. 260—668.
- Myers, John W., and L. C. Mabry, Jr., to Phillips Petroleum Co. Process of treating hydrocracking catalysts with ammonia. 2,851,400, 9-9-58, Cl. 196—53.
- Myers, Joseph T. Light weight plug valve. 2,832,562, 4-29-58, Cl. 251—175.
- Myers, Lester L., to Mobile Aerial Towers, Inc. Crane control mechanism. 2,836,467, 5-27-58, Cl. 304—29.
- Myers, Lester W.: *See*—
Townsend, John E., and Myers. 2,866,503.
- Myers, Lew L., J. L. Straughn, and F. P. Parish, to Sanitary Products Corp. Method of applying a film tip to a tampon. 2,831,527, 4-22-58, Cl. 154—41.
- Myers, Louis. Ice cream disher with angular handle. 2,836,132, 5-27-58, Cl. 107—48.
- Myers, Myron L., S. P. Todd, and E. W. Galloway, to American Cyanamid Co. Digestion of titanium dioxide slags. 2,850,357, 9-2-58, Cl. 23—117.
- Myers, Otto J., and E. A. Olson, to Archer-Daniels-Midland Co. Foundry sand additive. 2,828,214, 3-25-58, Cl. 106—38.5.
- Myers, Paul T., 50% to D. A. Turnipseed. Creepers and head rests therefor. 2,861,279, 11-25-58, Cl. 5—327.
- Myers, Philip S.: *See*—
Uyehara, Otto A., and Myers. 2,842,956.
- Myers, Raymond H. Reminder calendar. 2,831,278, 4-22-58, Cl. 40—107.
- Myers, Raymond L.: *See*—
Miller, Stanley L., and Myers. 2,853,354.
- Myers, Raymond L., to The Wright Line, Inc. Utility cabinet for a business machine. 2,865,700, 12-23-58, Cl. 312—309.
- Myers, Raymond R., and A. C. Zettlemoyer, $\frac{1}{2}$ to The Harshaw Chemical Co., and $\frac{1}{2}$ to Carlisle Chemical Works, Inc. Drier accelerators. 2,852,405, 9-16-58, Cl. 106—264.
- Myers, Robert L.: *See*—
Stafford, Moyer M., and Myers. 2,832,748.
- Myers, Roger C., to Owens-Illinois Glass Co. Apparatus for assembling can spout parts. 2,819,516, 1-14-58, Cl. 29—240.
- Myers, Roy H. Safety match and folder. 2,825,448, 3-4-58, Cl. 206—29.
- Myers, Thomas G., to U. S. Electrical Motors, Inc. Submersible apparatus. 2,857,181, 10-21-58, Cl. 286—7.
- Myers, William G., to The General Tire and Rubber Co. Machine for assembling resilient bushings of the elastic rubber insert type. 2,824,362, 2-25-58, Cl. 29—235.
- Myers, William H.: *See*—
Mason, Donald W., and Myers. 2,846,963.
- Myerson, Simon. Means for processing dentures. 2,858,568, 11-4-58, Cl. 18—33.
- Myhre, Johan, to Collett & Co. A/S. Method of making fused tablets. 2,841,528, 7-1-58, Cl. 167—82.
- Myrick, David D., to Universal Brass Works. Universally adjustable connection having plural swivels. 2,841,417, 7-1-58, Cl. 285—168.
- Myring, Aksel. Filter combined with gravitation separator. 2,823,804, 2-18-58, Cl. 210—305.
- Myron, Clayton E., to Rohr Aircraft Corp. Check valve. 2,831,499, 4-22-58, Cl. 137—512.1.
- Myron, Thomas L., to United States Steel Corp. Pelletizing method. 2,864,687, 12-16-58, Cl. 75—3.
- N. G. N. Electrical Ltd.: *See*—
Sadler, Peter. 2,827,923.
- N-K Products Co.: *See*—
Noland, Royce P., and Kuckhoff. 2,855,199.
- N S U Werke Aktiengesellschaft: *See*—
Roder, Albert. 2,827,306.
- "N. V. Ahex": *See*—
Bajema, Anne. 2,853,971.
- N. V. Amsterdamsche Maatschappij Tot Exploitatie Van Oetrooten: *See*—
Bulder, Johannes M. 2,857,238.
- N. V. Betonfabriek "De Meteor": *See*—
Kok, Marinus. 2,841,977.
- N. V. Briko: *See*—
Dohmen, Heinrich. 2,835,563.
Dohmen, Heinrich. 2,841,478.
- N. V. Carrosseriefabriek Verheul: *See*—
Dolk, Jacques M. H. 2,849,254.
- N. V. Coq: *See*—
Hidde Nijland, Henrik A. 2,825,787.
- N. V. Eldka: *See*—
Dohmen, Heinrich. 2,835,610.
- N. V. Fabrieken van Klinknagels en Schroefbouten P. van Thiel & Zonen: *See*—
Mulder, Rudolf. 2,825,591.
Mulder, Rudolf. 2,832,121.
- N. V. Hollandische Draad-En Kabelfabriek: *See*—
Divendal, Albertus. 2,835,790.
- N. V. Industriële Onderneming W. H. Braskamp: *See*—
Braskamp, Willem H. 2,855,939.
- N. V. Inland: *See*—
Zilver, Edwin. 2,831,513.
- N. V. Koninklijke Nederlandsche Vliegtuigenfabriek Fokker, Schiphol: *See*—
Schliekmann, Robert J. 2,827,967.
- N. V. Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia: *See*—
Rekker, Roelof F. 2,855,439.
Van der Stelt, Cornelis. 2,819,293.
- N. V. Koninklijke Stearine Kaarsenfabrieken "Gouda-Apollo": *See*—
Wiggerink, Gerrit L., and Jonker. 2,839,550.
Wiggerink, Gerrit L., and Jonker. 2,839,551.
- N. V. Nederlandsche Instrumenten Compagnie "Nedinsco": *See*—
Bensker, Gerardus H. 2,851,924.
- N. V. Nederlandsche Instrumenten-en Electrische Apparaten-Fabriek "Nieaf": *See*—
Wouda, Jan. 2,826,739.
- N. V. Ontwerp- & Exploitatiebureau "Shunt": *See*—
Hekelaar, Johannes P. 2,821,282.
- N. V. Optische Industrie "de Oude Delft": *See*—
Bouwers, Albert. 2,818,773.
Bouwers, Albert. 2,821,107.
Bouwers, Albert, and Box. 2,830,494.
- N. V. Polak & Schwarz's Essenciefabrieken: *See*—
Beets, Muus G. J., and Drukker. 2,823,238.
Beets, Muus G. J., and Drukker. 2,824,144.
- N. V. Quod Bonum: *See*—
Elfers, Albertus. 2,833,702.
- N. V. Springit: *See*—
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- N. V. Technische Handel Maatschappij Automaco: *See*—
Vanden, Bossche, Sylvain V. 2,828,591.
- N. V. Technische Maatschappij Marchand-Andriessen: *See*—
Van Marle, Frederick. 2,836,416.
Van Marle, Frederick. 2,844,373.
Van Marle, Frederick. 2,861,677.
- N. Z. Inventions Development Co. Ltd.: *See*—
Benemann, Edward H. T. 2,829,373.
- Naab, Julius, to Ingersoll-Rand Co. Compressor piston. 2,828,171, 3-25-58, Cl. 309—35.

- Naab, Julius, to Ingersoll-Rand Co. Rotary shaft driving connection. 2,835,518, 5-20-58, Cl. 287-52.06.
- Naamloze Vennootschap Voorheen Gebroeders Slaets: *See—*
De Bonger, Hendrik M. A. 2,830,660.
- Naamloze Vennootschap W. A. Scholten's Chemische Fabrieken: *See—*
Lolkema, Jan, and G. Moes. 2,853,484.
- Naatz, Winifred A. Method of mechanically separating lupulin from hops. 2,833,652, 5-6-58, Cl. 99-50.5.
- Naba, Daito. Colour tone filter for photography. 2,857,811, 10-28-58, Cl. 88-111.
- Nabal, Emerson E., and W. J. Steinmetz, to the United States of America as represented by the Secretary of the Navy. Pressurized electronic case. 2,820,616, 1-21-58, Cl. 257-250.
- Naber, Fred M. Tally device for roulette. 2,866,601, 12-30-58, Cl. 235-114.
- Nabholz, Hans: *See—*
Wideroe, Rolf, and Nabholz. 2,839,708.
- Nabholz, Orvie E., to Le Feuvre Corp. Tray binder. 2,853,078, 9-23-58, Cl. 129-16.
- Nabors, William A. Walker. 2,833,332, 5-6-58, Cl. 155-22.
- Nabstet, Arthur T., and A. S. Gorskoff, to The Snow-Nabstet Gear Corp. Reverse gear. 2,825,236, 3-4-58, Cl. 74-377.
- Naccash, Edmund P. Adjustable waistbands. 2,854,670, 10-7-58, Cl. 2-237.
- Nachman Corp.: *See—*
Sternberg, Huot W. 2,854,066.
- Nachman, Joseph F., and W. J. Buehler, $\frac{1}{4}$ to E. A. Gaugler, and $\frac{1}{4}$ to S. G. Lax. Ferritic aluminum-iron base alloys and method of producing same. 2,859,143, 11-4-58, Cl. 148-2.
- Nachtman, Elliot S.: *See—*
Peppard, Donald F., and Nachtman. 2,824,783.
- Nachtman, Elliott S., to La Salle Steel Co. Process for production of improved free machining steels. 2,858,243, 10-28-58, Cl. 148-4.
- Nachtman, John S. High temperature structural material and method of producing same. 2,840,891, 7-1-58, Cl. 29-182.5.
- Nachtman, John S., and H. G. Poole. Method of producing molybdenum. 2,834,671, 5-13-58, Cl. 75-84.
- Nachtman, John S., and J. Bjorksten. Process of making structural material by heat bonding wire filaments. 2,842,440, 7-8-58, Cl. 75-208.
- Nachtrab, Bernard: *See—*
Terry, Ray A. 2,835,426.
- Nadai, Alexander. Dispenser for liquids. 2,853,727, 9-30-58, Cl. 15-134.
- Nadai, Alexander. Dispenser-applier for liquid containers. 2,853,728, 9-30-58, Cl. 15-134.
- Nadeau, Gale F.: *See—*
Starck, Clemens B., Nadeau, and Smith. 2,835,609.
White, Walter R., and Nadeau. 2,855,894.
- Nadeau, Gale F., and W. R. White, to Eastman Kodak Co. Subbing photographic film. 2,852,378, 9-16-58, Cl. 96-87.
- Nadel, Manuel R., to Compton Co., Ltd. Display devices. Re. 24,571, 11-25-58, Cl. 211-13.
- Nadolsky, Robert E. Fishing reels with friction brakes. 2,858,998, 11-4-58, Cl. 242-84.5.
- Nador, Karoly, and L. Gyermek, to "Licencia" Talalmanyokat Ertekcsito Vallalat. New tropine derivatives. 2,833,773, 5-6-58, Cl. 260-292.
- Naecker, Louis J.: *See—*
Maloney, Thomas G., Morris, and Naecker. 2,820,230.
- Nackel, Leo G. Can opener for a can having a tear strip. 2,840,263, 6-24-58, Cl. 220-52.
- Naezy, John S., to J. I. Case Co. Transport truck for windrowers. 2,833,105, 5-6-58, Cl. 56-228.
- Naff, Anna S., and R. M. Smith, to Owens-Illinois Glass Co. Decorating glass with organic ink. 2,821,486, 1-28-58, Cl. 117-38.
- Nagamatsu, Henry T.: *See—*
Yoler, Yusuf A., and Nagamatsu. 2,836,063.
- Nagata, Kyoichi, to Matsushita Denki Sangyo Kabushiki Kaisha. Device for starting and operating glow discharge lamp. 2,863,098, 12-2-58, Cl. 315-98.
- Nagel, Alfred W., to Monsanto Chemical Co. Feed mill chute with reciprocable knife, to prevent plugging of mill. 2,837,290, 6-3-58, Cl. 241-186.
- Nagel, Aloysius J. Photographic apparatus. 2,830,512, 4-15-58, Cl. 95-1.1.
- Nagel, Eric W.: *See—*
Brown, John H., and Nagel. 2,833,270.
- Nagel, Frederick E. Adapter assembly for converting vehicle axles from semi-floating to full floating. 2,858,163, 10-28-58, Cl. 301-1.
- Nagel, George W.: *See—*
Booker, Clyde A., Jr., and Nagel. 2,819,372.
- Nagel, George W., to Westinghouse Electric Corp. Radio locators. 2,857,591, 10-21-58, Cl. 343-13.
- Nagel, Horsmar: *See—*
Pietsch, Helmut, and Nagel. 2,844,592.
- Nagel, Jean. Slide fasteners. 2,856,664, 10-21-58, Cl. 24-205.13.
- Nagel, Robert L.: *See—*
Heenan, Sidney A., and Nagel. 2,831,394.
- Nagel, Theodore. Apparatus for the burning of gaseous hydrocarbons and gas-oils. 2,819,758, 1-14-58, Cl. 158-91.
- Nagele, Karl F. Polishing machine for polishing the coupling links of separable slide fasteners. 2,824,319, 2-25-58, Cl. 15-21.
- Nagelschmidt, Rudolf, and A. Rudolph, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Corrosion preventing coating compositions for metals comprising a chlorine containing organic polymer as film former, a copper compound and a tertiary organic heterocyclic base. 2,860,118, 11-11-58, Cl. 260-41.
- Nagely, John L. Gear pump or motor. 2,848,953, 8-26-58, Cl. 103-126.
- Nagin, Harry S., to Reliance Steel Products Co. Machine for making anti-skid concrete road surfaces. 2,848,851, 8-5-58, Cl. 94-45.
- Nagle, Perry I. Adjustable pump support. 2,862,453, 12-2-58, Cl. 103-103.
- Nagler, Josef, and Josef Nagler, Jr. Method and apparatus for producing color effects in projected pictures. 2,844,990, 7-29-58, Cl. 88-16.4.
- Nagler, Josef, Jr.: *See—*
Nagler, Josef, and Josef Nagler, Jr. 2,844,990.
- Nagorski, Witold, to Burndt Ltd. Voltaic cells. 2,847,495, 8-12-58, Cl. 136-111.
- Nagy, Alexander. Machine for coloring paints. 2,865,614, 12-23-58, Cl. 259-95.
- Nagy, Alexander S.: *See—*
Lindstrom, Ture, and Nagy. 2,837,664.
- Nagy, Charles E. Door knob actuating attachment. 2,825,596, 3-4-58, Cl. 292-336.3.
- Nagy, Daniel E.: *See—*
Christmann, Ludwig J., and Nagy. 2,822,363.
- Nagy, Ferdinand. Hinge and accessory. 2,829,397, 4-8-58, Cl. 16-158.
- Nagy, Michael G. Means for protecting and insulating electric rod holders. 2,846,564, 8-5-58, Cl. 219-138.
- Nagy, Michael J. Fishing reel. 2,834,559, 5-13-58, Cl. 242-84.21.
- Naidich, Herbert H., and W. S. O'Hare, to Bendix Aviation Corp. Projecting method for cathode-ray tubes. 2,843,844, 7-15-58, Cl. 340-368.
- Nail, James J., to International Telephone and Telegraph Corp. R-F phase shifter. 2,836,814, 5-27-58, Cl. 343-100.
- Nailen, James C., to Electronic Specialty Co. Solid state inverters. 2,837,652, 6-3-58, Cl. 250-36.
- Naill, Eugene J., to Machlett Laboratories, Inc. Grid structure. 2,850,664, 9-2-58, Cl. 313-265.
- Naill, Eugene J., and R. W. Reynolds, to Machlett Laboratories, Inc. Lathes. 2,839,959, 6-24-58, Cl. 82-28.
- Naimark, George M. Transparent shaving cream. 2,833,693, 5-6-58, Cl. 167-85.
- Nalmer, Hubert: *See—*
Bauer, Franz. 2,831,368.
Bauer, Franz, and Nalmer. 2,846,634.
- Naiper, D., and Son Ltd.: *See—*
Crooke, Harold F. 2,853,589.
French, Michael J. 2,852,917.
Hearn, Francis J., and W. Shirley. 2,852,916.
Odds, William J. F. 2,853,272.
Tuer, John J. 2,853,091.
- Nairn, Dora. Plastic paper clip. 2,827,719, 3-25-58, Cl. 40-23.
- Naito, Kenji: *See—*
Hosokawa, Masuo, Yagi, and Naito. 2,849,355.
- Najarian, Herand K.: *See—*
Long, Carleton C., and Najarian. 2,847,294.
- Najarian, Herand K., to St. Joseph Lead Co. Method of reducing metal chlorides. 2,840,466, 6-24-58, Cl. 75-84.5.
- Najjar, John, to Ford Motor Co. Automotive transmission range selector. 2,860,596, 11-18-58, Cl. 116-124.
- Nakamura, Haruichi. Continuous rotation converting method. 2,851,908, 9-16-58, Cl. 74-791.
- Nakano, Katsumi. Trestle legs. 2,846,274, 8-5-58, Cl. 304-5.
- Nakata, Roy, to General Electric Co. Enclosed cutout having a fused load break device. 2,836,677, 5-27-58, Cl. 200-114.
- Nakayama, Takeo. Tool for finger-pressure treatment and massage. 2,836,175, 5-27-58, Cl. 128-60.
- Nalbach, John R., to John R. Nalbach Engineering Co. High speed container filling machine. 2,849,033, 8-26-58, Cl. 141-148.
- Nalbach, John R. Engineering Co.: *See—*
Nalbach, John R. 2,849,033.
- Nalley, Leonard L.: *See—*
Feenev, Thomas A., McRuer, Kulda, and Nalley. 2,833,495.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. Spring adjusting means. 2,824,733, 2-25-58, Cl. 267-57.
- Nallinger, Friedrich K. H., to Daimler-Benz Aktiengesellschaft. Windshield washing devices for motor vehicles. 2,828,694, 4-1-58, Cl. 103-52.
- Nallinger, Friedrich K. H., to Daimler-Benz Akt. Arrangement of instruments in a motor vehicle. 2,841,233, 7-1-58, Cl. 180-90.
- Nallinger, Friedrich K. H., to Daimler-Benz Akt. Arrangement for replacing leakage fluid in hydraulic brake systems. 2,854,821, 10-7-58, Cl. 60-54.6.
- Nallinger, Friedrich K. H., to Daimler-Benz Akt. Instrument panels, especially for motor vehicles. 2,855,066, 10-7-58, Cl. 180-90.
- Nallinger, Friedrich K. H., R. E. Uhlenhaut, and R. W. K. Schumann, to Daimler-Benz Akt. Gearshift responsive control arrangement for controlling the amount of injected fuel of an internal combustion engine. 2,842,980, 7-15-58, Cl. 74-472.

- Namenyl-Katz, Laszlo, to Epsilon Research and Development Co. Ltd. Magnetic tape recorders. 2,833,538, 5-6-58, Cl. 271-23.
- Names, Burleigh M.: See—
Knapp, John H., Jr., and Names. 2,836,385.
- Namian, Paul P.: See—
Guerin, Maurice, and Namian. 2,844,718.
- Namor Products, Inc.: See—
Starke, Nathan. 2,853,125.
- Nampa, Sulo M., and H. L. Dunlap, to Evans Products Co. Freight loading apparatus. 2,836,131, 5-27-58, Cl. 105-369.
- Nangle, James H. Metering pump. 2,845,874, 8-5-58, Cl. 103-148.
- Nanigian, Jacob: See—
Macatician, John, and Nanigian. 2,829,185.
- Nankervis, George L., Co.: See—
Glaier, Angelo J. 2,826,288.
- Nannini, Louis G., to Phillips Petroleum Co. Carbon black furnace dual fluid injector. 2,864,673, 12-16-58, Cl. 23-259.5.
- Napier, D. & Son Ltd.: See—
Challis, Kenneth E. 2,863,438.
Chamberlin, Reginald H. D., and Blyth. 2,863,634.
Chatterton, Ernest E. 2,819,765.
Cowland, William G. 2,838,907.
Crick, Roger D. S. 2,843,711.
Dove, Ernest B. 2,822,758.
Huckstep, Henry J. W., and Burness. 2,843,978.
Lane, Bernard E. A., and Ramsden. 2,865,721.
Murray, George H., and Brook. 2,833,382.
Murray, George H., and Smith. 2,822,669.
Penn, Alfred J., and Nevard. 2,820,588.
Shirley, Walter. 2,823,075.
Skellern, John. 2,865,176.
Skellern, John. 2,865,624.
Wynne, Charles H. L. 2,865,623.
- Napierskie, Glenn P. Pneumatic soil pipe calker. 2,820,379, 1-21-58, Cl. 78-47.
- Naples, Angelo F.: See—
Nardulli, Michael J. 2,828,513.
Nardulli, Michael J. 2,828,514.
Nardulli, Michael J. 2,841,835.
- Napoli, Frederick W., and L. Pompeo, to Duchess Jewelry Mfg. Corp. Sheet metal link for extending watch bracelet. 2,848,865, 8-26-58, Cl. 59-80.
- Napolin, Seymour, to Granco Corp. High frequency tuners. 2,831,117, 4-15-58, Cl. 250-40.
- Napolin, Seymour, and M. H. Harwood; said Harwood to Granco Products Inc. Thermal relays. 2,849,576, 8-26-58, Cl. 200-138.
- Napolitano, Leonard B. Telescopic step or rung ladders. 2,827,216, 3-18-58, Cl. 228-39.
- Napolitano, Pellegrino E.: See—
Greer, Edward M., and Napolitano. 2,825,396.
- Nappe, Moritz. Sealed pad. 2,834,970, 5-20-58, Cl. 5-344.
- Napraynik, August, and D. J. Lieb, to The Borden Co. Epoxide resin. 2,829,124, 4-1-58, Cl. 260-60.
- Naragon, Ernest A.: See—
Fitzwilliam, James W., Naragon, and Moore. 2,830,089.
- Naramore, Robert W., to Bridgeport Fabrics, Inc. Beading stripe. 2,838,813, 6-17-58, Cl. 20-69.
- Naranchich, Nick H.: See—
Naranchich, Pete R. and N. H. 2,860,903.
- Naranchich, Pete R. and N. H. Gate latch. 2,860,903, 11-18-58, Cl. 292-48.
- Narbut, Paul: See—
Narbutovskih, Paul. 2,858,355.
Narbutovskih, Paul, and Narbut. 2,849,523.
- Narbutovskih, Paul, now by judicial change of name, Paul Narbut, to Westinghouse Electric Corp. Transformer cooling apparatus. 2,845,472, 7-29-58, Cl. 174-15.
- Narbutovskih, Paul, now by judicial change of name, Paul Narbut, to Westinghouse Electric Corp. Electrical apparatus with vaporizable liquid coolant. 2,849,523, 8-26-58, Cl. 174-15.
- Narbutovskih, Paul, now by judicial change of name Paul Narbut, to Westinghouse Electric Corp. Electrical apparatus. 2,858,355, 10-28-58, Cl. 174-15.
- Nardi, Pierluigi, to Società Applicazioni Gamma Antivibranti "SAGA" S. p. A. Fluid shock absorber springing assembly. 2,842,358, 7-8-58, Cl. 267-35.
- Nardone, Romeo M., to Breeze Corp., Inc. Multi-speed drive device. 2,865,232, 12-23-58, Cl. 74-785.
- Nardulli, Michael J., to M. J. Nardulli, A. F. Naples, and P. F. Nardulli, trustees. Window structure. 2,828,513, 4-1-58, Cl. 20-52.2.
- Nardulli, Michael J., to M. J. Nardulli, A. F. Naples, and P. F. Nardulli, trustees, also known as Western Engineering Trust. Window structure. 2,828,514, 4-1-58, Cl. 20-52.2.
- Nardulli, Michael J., to M. J. Nardulli, A. F. Naples, and P. F. Nardulli, as trustees. Window mounting. 2,841,835, 7-8-58, Cl. 20-55.
- Nardulli, Peter F.: See—
Nardulli, Michael J. 2,828,513.
Nardulli, Michael J. 2,828,514.
Nardulli, Michael J. 2,841,835.
- Narizzano, John. Safety razor with adjustable unit for varying blade exposure. 2,840,901, 7-1-58, Cl. 30-73.
- Narvestad, Johannes. Device to be used in the radiography of teeth. 2,831,978, 4-22-58, Cl. 250-66.
- Narzisi, Samuel M. Brake fluid level indicator. 2,819,363, 1-7-58, Cl. 200-84.
- Nash, Daniel J., to Nash Inc. Wallet and automatically opening coin purse. 2,864,422, 12-16-58, Cl. 150-37.
- Nash Engineering Co.: See—
Adams, Harold E. 2,850,983.
- Nash, Eugene F.: See—
Anderson, Dale L., Shaffer, Harwell, Knowles, and Nash. 2,831,519.
- Nash, Floyd M., and A. A. Crivelli, to Jacuzzi Bros., Inc. Shallow well expanded output pump. 2,845,028, 7-29-58, Cl. 103-55.
- Nash, Harold A., and R. M. Brooker, to Allied Laboratories, Inc. Process for preparing a chemically standardized protoveratrine product. 2,831,796, 4-22-58, Cl. 167-67.
- Nash Inc.: See—
Nash, Daniel J. 2,864,422.
- Nash, James E., and W. L. Gramer. Audio tape repeater cartridge. 2,830,812, 4-15-58, Cl. 271-218.
- Nash-Kelvinator Corp.: See—
Philipp, Lawrence A. 2,857,746.
- Nash, L. W., Co.: See—
Nash, Leonard W. 2,855,197.
- Nash, Leonard W., to L. W. Nash Co. Magnetic sheet handler. 2,855,197, 10-7-58, Cl. 271-18.
- Nash, Leslie A.: See—
Pethrick, Samuel R., and Nash. 2,842,483.
- Nash Mfg. Co.: See—
Fried, James P., and Carleton. 2,854,676.
- Nash, Nancy E., and T. E. Foulke, to General Electric Co. Glow discharge device circuit. 2,849,657, 8-26-58, Cl. 315-169.
- Nash, Price R., and L. E. Kerr. Display sign bracket. 2,821,039, 1-28-58, Cl. 40-142.
- Nash, William H.: See—
Thiede, Ronald W., and Nash. 2,842,639.
- Nashner, Sydney, deceased (by H. Odle, executor), and J. Dasher. Method of recovering metal by using ion exchange and autoclave reduction. 2,731,763, 4-22-58, Cl. 75-117.
- Nashua Corp.: See—
Rowe, Howard B. 2,851,004.
- Nason, Howard K., to Monsanto Chemical Co. Butadiene acrylonitrile copolymer softened with liquid alkylacrylate acrylonitrile prepared in the presence of a polyhalomethane chain terminating agent. Re. 24,563, 11-11-58, Cl. 260-31.8.
- Nason, Howard K., to Monsanto Chemical Co. Butadiene acrylonitrile copolymer softened with liquid alkylacrylate-acrylonitrile copolymer prepared in the presence of a polyhalomethane chain terminating agent. 2,820,018, 1-14-58, Cl. 260-31.8.
- Nason, Maurice C.: See—
Hignett, Travis P., Stinson, Brown, and Nason. 2,856,279.
- Nason, Robert O.: See—
Clark, Charles K., and Nason. 2,854,419.
Clark, Charles K., and Nason. 2,854,420.
Clark, Charles K., and Nason. 2,854,442.
- Nassau Products Corp.: See—
Block Meyer L. 2,861,365.
- Nassello, Roy. Pull tape for removing container covers. 2,837,263, 6-3-58, Cl. 229-43.
- Nassovia Maschinenfabrik Hanns Fickert G. m. b. H.: See—
Sallwey, Friedrich W. 2,858,743.
- Sallwey, Friedrich W., and Schlapp. 2,831,405.
- Nastas, George, to Ford Motor Co. Automatic choke. 2,862,488, 12-2-58, Cl. 123-119.
- Nastronero, John J. Target tracker. 2,864,959, 12-16-58, Cl. 250-203.
- Natalis, Herbert E., to Radio Corp. of America. Plural turret machine. 2,857,787, 10-28-58, Cl. 74-821.
- Natelson, Samuel. Vacuum tube voltmeter. 2,866,938, 12-30-58, Cl. 324-123.
- Nathan, Alan H.: See—
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Hogg, John A., Beal, Nathan, and Lincoln. 2,862,011.
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- Nathan, Marvin F., to The M. W. Kellogg Co. Process for separating recycle hydrogen from entrained condensed gases in hydrosulfurization process. 2,840,513, 6-24-58, Cl. 196-24.
- Nathan, Marvin F., to The M. W. Kellogg Co. Method for carbonizing carbonaceous materials. 2,844,526, 7-22-58, Cl. 202-27.
- Nathan, Marvin F., to The M. W. Kellogg Co. Treatment of carbonaceous solids. 2,844,886, 7-29-58, Cl. 34-10.
- Nathan, Marvin F., to The M. W. Kellogg Co. Hydrocarbon conversion process with regeneration in two stages. 2,852,443, 9-16-58, Cl. 196-52.
- Nathan, Marvin F., to The M. W. Kellogg Co. Reforming process. 2,860,102, 11-11-58, Cl. 208-140.
- Nathan, Reuben: See—
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Bussard, Emmerly J. H., and Nathan. 2,854,577.
- Nathanson, Max. Baseboard panel heater. 2,849,586, 8-26-58, Cl. 219-34.
- National Accessories Corp.: See—
Post, Ernest K. 2,848,602.

- National Acme Co., The : *See*—
 Dobes, Michael J., and Schurr. 2,860,202.
 Drissner, Alfred E., and Beacom. 2,859,042.
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- National Aluminate Corp. : *See*—
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 Murata, Yoshiaki. 2,828,270.
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- National Amusement Device Co. : *See*—
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- National Automatic Tool Co., Inc. : *See*—
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- National Automotive Fibres, Inc. : *See*—
 Cocks, Thomas G. 2,852,077.
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- National Biscuit Co. : *See*—
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- National Blank Book Co. : *See*—
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- National Broach & Machine Co. : *See*—
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- National Brush Co. : *See*—
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- National Can Corp. : *See*—
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- National Cash Register Co., The : *See*—
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 Isborn, Carl L. 2,822,480.
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 Philipp, Otto M. 2,826,362.
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 Robinson, Robert R. 2,853,002.
 Snyder, Alton G. 2,838,235.
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- National Controls, Inc. : *See*—
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- National Distillers and Chemical Corp. : *See*—
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- National Drug Co., The : *See*—
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- National Electric Welding Machines Co. : *See*—
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- National Equipment Corp. : *See*—
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- National Fireproofing Corp. : *See*—
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- National Foam System, Inc. : *See*—
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- National Food Slicing Machine Co., Inc. : *See*—
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- National Furnace Corp. : *See*—
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- National Industries, Inc. : *See*—
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- National Laboratories, Inc. : *See*—
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- National Latex Products Co., Inc., The : *See*—
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- National Lead Co. : *See*—
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National Machine Products Co.: *See*—

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National Paper Box Ltd.: *See*—

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National Petro-Chemicals Corp.: *See*—

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National Products Corp.: *See*—

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Gold, Samuel, and Davis. 2,850,406.

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- National Tea Packing Co., Inc.: *See*—
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- National Telephone Supply Co., The: *See*—
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- National Tool Co.: *See*—
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- National Union Electric Corp.: *See*—
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- National U. S. Radiator Corp.: *See*—
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- National Utilities Corp.: *See*—
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- National Vendors, Inc.: *See*—
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- National Video Corp.: *See*—
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- National Vulcanized Fibre Co.: *See*—
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- Nations, Glen R., to Oil Capital Valve Co. Air eliminator valve. 2,849,016, 8-26-58, Cl. 137-202.
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- Native Laces & Textiles, Inc.: *See*—
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- Natonek, Raoul. Baby's rattled rubber soother. 2,825,335, 3-4-58, Cl. 128-360.
- Natta, Giulio, and E. Beati, to Montecatini, Societa Generale per l'Industria Mineraria e Chimica. Process for the production of hydroperoxides. 2,843,633, 7-15-58, Cl. 260-610.
- Natta, Giulio, and P. Pino, to Lonza Electric and Chemical Works Ltd. Preparation of succinic acids. 2,851,486, 9-9-58, Cl. 260-515.
- Natural Products Co.: *See*—
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- Naturizer Co.: *See*—
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- Naughton, Frank C., to The Baker Castor Oil Co. Nickel-catalyzed sebacia acid production in the presence of barium compounds. 2,851,493, 9-9-58, Cl. 260-537.
- Naughton, Frank C., and P. C. Daidone, to The Baker Castor Oil Co. Lead-catalyzed conversion of ricinoleic compounds. 2,851,491, 9-9-58, Cl. 260-537.
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- Naugler, Albert W., to Bomac Laboratories Inc. Arc-limiting shields for high frequency gaseous electric discharge switching tubes. 2,821,658, 1-28-58, Cl. 315-39.
- Naul, James M., to Eastern Air Devices, Inc. Speed regulator. 2,833,879, 5-6-58, Cl. 200-80.
- Naul, James M., to Eastern Air Devices, Inc. Miniature D. C. motor. 2,850,653, 9-2-58, Cl. 310-68.
- Naulin, Mick A., Incinerator. 2,847,950, 8-19-58, Cl. 110-8.
- Naumann, Willy R., to Daimler-Benz Akt. Means for sealing the gap between a wall and rotary shaft extending there-through. 2,860,896, 11-18-58, Cl. 236-11.16.
- Naundorf, Charles H.: *See*—
 Ulrech, Robert G., and Naundorf. 2,825,945.
- Nauta, Johannes E. Mixing device with a conical mixing vessel and at least two revolving mixing members. 2,831,663, 4-22-58, Cl. 259-102.
- Nauta, Johannes E. Device for homogenizing powdery or granular material. 2,840,357, 6-24-58, Cl. 259-21.
- Nauta, Johannes E. Device for producing a vibrating movement to control the rate of material delivery. 2,852,162, 9-16-58, Cl. 222-57.
- Nava, John O., Jr., A. J. Buffone, and K. Grinnen, to Brockway Glass Co., Inc. Vacuum settle and counterblow apparatus for bottle making machines. 2,826,867, 3-18-58, Cl. 49-18.
- Navarro, Roger F. D. (alias Malherbe), to Sebel S. A. Electronic fluorescent illuminating lamp. 2,830,214, 4-8-58, Cl. 313-109.
- Navarro, Roger F. D., alias Malherbe, to Societe dite: Sebel S. A. Electronic illuminating lamps. 2,839,700, 6-17-58, Cl. 313-82.
- Navarro, Miguel. Variable capacity pump. 2,836,120, 5-27-58, Cl. 103-38.
- Navias, Louis, to General Electric Co. Metal-ceramic electrical resistors. 2,855,491, 10-7-58, Cl. 201-63.
- Navigation Computer Corp.: *See*—
 Jones, John P., Jr. 2,831,987.
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- Naviski, Justin J.: *See*—
 Vradenburgh, Robert, and Naviski. 2,835,866.
- Nawman, Rollie B. Hanger for telephone directories. 2,854,784, 10-7-58, Cl. 45-58.
- Nawman, William L.: *See*—
 Gordon, John M., and Nawman. 2,830,394.
- Naxon, Irving. Cooking and frying indicators. 2,856,507, 10-14-58, Cl. 219-44.
- Naylor, Joseph F., to T. & T. Vicars Ltd., and W. & R. Jacob & Co., Ltd. Manufacture of edible dough products. 2,856,870, 10-21-58, Cl. 107-54.
- Naylor, Joseph F., R. Northmore, and C. E. M. Tibbs, to West Lancashire Radio & Television Laboratories Ltd., T. & T. Vicars, Ltd., and Radio Heaters Ltd. Ovens for dielectric heating. 2,842,650, 7-8-58, Cl. 219-10.69.
- Naylor, Straut W. Apparatus for conditioning grain. 2,858,620, 11-4-58, Cl. 34-56.
- Nayman, Alvin A., to Quality Stamping Products Co. License plate holder. 2,831,281, 4-22-58, Cl. 40-125.
- Neal, Charles E.: *See*—
 Ballard, Claude M., and Neal. 2,827,210.
- Neal, Frederick R., to Electric Specialty Co. Centrifugal electrical circuit interrupting device. 2,846,540, 8-5-58, Cl. 200-80.
- Neal, Harold B.: *See*—
 Ashton, Stewart B., and Roy. 2,824,341.
 Roy, Walter L. 2,824,609.
- Neal, James L., and S. V. Dice, to A-B-C Packaging Machine Corp. Flap opening apparatus. 2,855,117, 10-7-58, Cl. 214-304.
- Neal, Robert A.: *See*—
 Thorpe, Robert J., and Neal. 2,841,957.
- Neale, Edgar L. Fishing lure. 2,819,554, 1-14-58, Cl. 43-42.18.
- Neary, Kenneth J., to The Ryan Aeronautical Co. Compressor stator structure. 2,834,537, 5-13-58, Cl. 230-133.
- Neas, Eleanor. Notebook. 2,845,103, 7-29-58, Cl. 150-28.
- Neaverson, Anthony G., to Rolls-Royce Ltd. Electrical warning and controlling device. 2,853,569, 9-23-58, Cl. 200-61.41.
- Neaverson, Peter A.: *See*—
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- Nebel, Emil C., to Dorr-Oliver Inc. Hydraulic classifier. 2,857,050, 10-21-58, Cl. 209-159.
- Nebergall, William H., to Indiana University Foundation. Stannous chlorofluoride, method of preparing same, and dentifrice compositions therewith. 2,836,544, 5-27-58, Cl. 167-93.
- Nebinger, Richard B.: *See*—
 Knapp, Robert S., and Nebinger. 2,842,293.
- Nebolsine, Ross, and A. D. Henderson, to Hydrotechnic Corp. Apparatus for removing sludge from clarifiers and thickeners. 2,854,146, 9-30-58, Cl. 210-525.
- Nebrera Escobar, Juan. Process for the deodorization of o,o-dimethyl-dithio-phosphate of diethyl mercapto-succinate. 2,844,619, 7-22-58, Cl. 260-461.
- Nebrera Escobar, Juan. Process for the deodorization of o,o-dimethyl-dithio-phosphate of diethyl mercaptosuccinate. 2,844,620, 7-22-58, Cl. 260-461.
- Neckel, Edmund N., to The American Laundry Machinery Co. Collar holder. 2,847,150, 8-12-58, Cl. 223-52.1.
- Neckrich, Bernard M.: *See*—
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- Necula, Joe. Potato cutting device. 2,826,229, 3-11-58, Cl. 146-78.
- Nedbalek, Frank E., to C. J. Theken. Telephone pad and pencil holder of one piece construction. 2,818,673, 1-7-58, Cl. 45-0.5.
- Nedderman, Wendell H., and R. T. Lietz, to Gulf Oil Corp. Automatic underwater bracing system for a mobile drilling rig. 2,837,897, 6-10-58, Cl. 61-46.5.
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 Van Dorsser, Arend H. D., and van Hoek. 2,848,402.
- Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid, Handel en Verkeer: *See*—
 Van der Kerk, Gerrit J. M. 2,820,024.
 Van Gils, Gerard E. 2,856,316.
- Neeb, Melvin M., to Fairchild Camera and Instrument Corp. Photomultiplier circuit with output modulation. 2,846,500, 8-5-58, Cl. 178-6.6.
- Needham, Dee E. Combined fishing rod handle and landing net. 2,834,139, 5-13-58, Cl. 43-12.
- Needham, Edward R., and R. Johnson, to Dominion Textile Co., Ltd. Slip-free fish netting. 2,823,575, 2-18-58, Cl. 87-1.
- Needham, Edward R., and R. Johnson, to Drummondville Cotton Co. Ltd. Method of making slip-free fish netting. 2,823,576, 2-18-58, Cl. 87-1.
- Needham, Francis L. Three-way toggle switch. 2,821,589, 1-28-58, Cl. 200-67.
- Needham Mfg. Co., Inc.: *See*—
 Spang, Carl F. 2,853,110.
- Neeff, Rutger: *See*—
 Schwachten, Heinz-Werner, and Neeff. 2,864,823.
- Neel, Robert I.: *See*—
 Black, William H., and Neel. 2,858,529.
- Neel, Robert M., and A. P. Litman, to Olin Mathieson Chemical Corp. Inflation method. 2,835,961, 5-27-58, Cl. 29-157.3.
- Neel, Thomas J.: *See*—
 Thomas, Levi M., Neel, and McCombs. 2,833,662.

- Neely, Carroll H.: See—
 Davies, John G. 2,839,660.
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 Neely, Forest H., to Bath Iron Works Corp. Cage adjuster. 2,819,027, 1-7-58, Cl. 241-89.
 Neely, Forest H., to Poor & Co. Hammer rotor type Bradford crusher. 2,834,553, 5-13-58, Cl. 241-81.
 Neely, George L., to California Research Corp. Starting device for internal combustion engines. 2,857,900, 10-28-58, Cl. 123-187.5.
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 Neely, George L., to California Research Corp. Rotatable valve. 2,865,410, 12-23-58, Cl. 141-89.
 Neely, William H., to The Universal Wire Spring Co. Wire spring structure. 2,830,654, 4-15-58, Cl. 155-179.
 Neely, William H., to The Universal Wire Spring Co. Wire spring structure. 2,835,312, 5-20-58, Cl. 155-179.
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 Hurford, Winslow L., and Neely. 2,842,719.
 Neep, Vyril A., to The Triplett Electrical Instrument Co. Portable instrument. 2,819,448, 1-7-58, Cl. 324-149.
 Neer, Clifford H., to Maryland Engineering Co. Tank cleaning apparatus. 2,845,091, 7-29-58, Cl. 137-577.5.
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 Neese, Willard I.: See—
 Sonneman, Paul R., and Neese. 2,846,095.
 Neff, Charles W.: See—
 Achuff, George W., and Neff. 2,859,069.
 Neff, Darby B., to American Brake Shoe Co. Vane pump. 2,861,517, 11-25-58, Cl. 103-3.
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 Neff, Glyn A., to Consolidated Electroducts Corp. Electrical signal amplifiers. 2,832,848, 4-29-58, Cl. 179-171.
 Neff, Glyn A., to Consolidated Electroducts Corp. Data processing system. 2,849,704, 8-26-58, Cl. 340-174.
 Neff, Glyn A., to Consolidated Electroducts Corp. Data transfer control circuit. 2,864,948, 12-16-58, Cl. 250-27.
 Neff, John M., and J. D. McLaughlin, to Kanium Corp. Method and apparatus for producing unicellular spherulized clay particles. 2,853,285, 9-23-58, Cl. 263-21.
 Neff, John W.: See—
 Beebe, Henry C., Neff, and Clymer. 2,857,881.
 Neff, Joseph J.: See—
 Parkinson, David B., and Neff. 2,851,892.
 Neff, Loren L., and W. L. Wasley, to Union Oil Co. of California. Non-flammable corrosion preventive compositions. 2,828,213, 3-25-58, Cl. 106-14.
 Neff, Philip V. D. Boat carrying house trailer. 2,847,136, 8-12-58, Cl. 214-500.
 Negoro, Kaiji, to Automobile ventilator. 2,849,941, 9-2-58, Cl. 98-2.
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 Negri, Adolph. Umbrella and a replaceable rib therefor. 2,860,647, 11-18-58, Cl. 135-29.
 Negromanti, Antonio. Electric pressing irons. 2,829,232, 4-1-58, Cl. 219-25.
 Negromanti, Antonio. Electro-thermal regulating device. 2,841,681, 7-1-58, Cl. 219-20.
 Negromanti, Antonio. Electrically heated fabrics. 2,862,097, 11-25-58, Cl. 219-46.
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 Neher, Robert: See—
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 Neher, Robert, to Ciba Pharmaceutical Products, Inc. Triarylamino-triazines and process for their manufacture. 2,824,088, 2-18-58, Cl. 260-79.3.
 Neher, Robert, to Ciba Pharmaceutical Products, Inc. Polyureas and process of preparing same. 2,833,744, 3-6-58, Cl. 260-77.5.
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 Neld, Louis J. Door structure for pigeon traps. 2,842,891, 7-15-58, Cl. 43-66.
 Neidenberg, Lawrence L., and O. J. Tamburr, to Line Electric Co., Inc. Indicator relay. 2,866,964, 12-30-58, Cl. 340-365.
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 Neidhardt, Hermann J. Non-resonant spring devices having elastic cushioning rings. 2,819,060, 1-7-58, Cl. 267-1.
 Neidhardt, Hermann J. Resilient supports. 2,819,063, 1-7-58, Cl. 267-63.
 Neidhardt, Hermann J. Roller bearing. 2,842,410, 7-8-58, Cl. 308-215.
 Neidich, George G., to Burroughs Corp. Method of making ink transfer ribbons. 2,833,666, 5-6-58, Cl. 117-4.
 Neidich, George G., E. M. Low, and H. A. Martin, Jr., to Burroughs Corp. Nozzle for striping web materials. 2,833,242, 5-6-58, Cl. 118-412.
 Neidig, Claude E. Cutting tool lubricators and cleaners. 2,847,880, 8-19-58, Cl. 77-55.
 Neidig, Dan, to Superior Mfg. Co. Gum vending machine. 2,858,001, 10-28-58, Cl. 194-80.
 Neidig, Dan, to Superior Mfg. Co. Coin controlled vending apparatus. 2,859,849, 11-11-58, Cl. 194-58.
 Neidmann, Wilhelm, to P. Spreuwerberg's Aannemingsbedrijf N. V. Means for connecting tubes, for instance scaffolding tubes. 2,853,324, 9-23-58, Cl. 287-54.
 Neier, Reinhard, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Cobaltiferous azo dyestuffs. 2,839,620, 6-17-58, Cl. 260-145.
 Neier, Reinhard, C. Petitjean, and W. Wehrli, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Metal-containing azo dyestuffs. 2,824,095, 2-13-58, Cl. 260-148.
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 Neigel, Joseph A., to Specialties Development Corp. Aspirating device. 2,859,908, 11-11-58, Cl. 230-95.
 Neighbour, Leonard B., to Deere & Co. Elevator adjusting mechanism. 2,846,048, 8-5-58, Cl. 198-120.5.
 Neighbour, Leonard B., O. P. Lance, and A. B. Skromme, to Deere & Co. Elevator lift mechanism. 2,846,047, 8-5-58, Cl. 198-120.5.
 Neild, Alton B., Jr., to United States of America, Navy. Gasoline engine exhaust flame arrestor. 2,844,000, 7-22-58, Cl. 60-29.
 Neild, William G., to Bendix Aviation Corp. Carbon pile regulator. 2,822,452, 2-4-58, Cl. 201-51.
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 Neilson, William A. Detachable support platform for vehicle hoists. 2,836,261, 5-27-58, Cl. 187-843.
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 Neisler, Charles E., Jr., and Mauney. 2,824,589.
 Neisler, Charles E., Jr., and Mauney. 2,824,592.
 Neisler, Charles E., Jr. Direct spun shantung yarn and method of making same. 2,845,771, 8-5-58, Cl. 57-140.
 Neisler, Charles E., Jr., to Neisler Brothers, Inc. Fabrics and method of making the same. 2,848,018, 8-19-58, Cl. 139-110.
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- Nelms, Clarence W. Cooking apparatus for elongated food items. 2,828,686, 4-1-58, Cl. 99—427.
- Nellen, Arthur H., to Lee Rubber & Tire Corp. Vehicle tire construction. 2,850,066, 9-2-58, Cl. 152—209.
- Nelles, Maurice, to Borg-Warner Corp. Steering wheel mounted control device. 2,824,462, 2-25-58, Cl. 74—484.
- Nelsen, Marvin G., to Leach Corp. Relay. 2,852,639, 9-16-58, Cl. 200—104.
- Nelson, Alfred M.: *See—*
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- Nelson, Alvin I., to International Minerals and Chemical Corp. Packaging and processing of poultry. 2,844,474, 7-22-58, Cl. 99—174.
- Nelson, Arlo R.: *See—*
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- Nelson, Arthur, and W. R. Schwolow, to Sperry Rand Corp. Dual sheet feed mechanism. 2,840,217, 6-24-58, Cl. 197—133.
- Nelson, Arthur, and W. R. Schwolow, to Sperry Rand Corp. Sequentially controlled coiling reproducer. 2,866,550, 12-30-58, Cl. 209—110.
- Nelson, Arthur J., to Pulp Reproduction Co. Decoy carrying case. 2,820,547, 1-21-58, Cl. 206—65.
- Nelson, Arthur W. Dump truck. 2,826,321, 3-11-58, Cl. 214—510.
- Nelson, Austin, to Archer Works Engineering Co. Ltd. Releasable couplings. 2,845,653, 8-5-58, Cl. 16—172.
- Nelson, Averd G. Buckle. 2,825,109, 3-4-58, Cl. 24—68.
- Nelson, Averd G., to Preway Inc. Oven door hinge mechanism. 2,845,923, 8-5-58, Cl. 126—191.
- Nelson, Axel B., to Crane Co. Tank discharge valve mounting. 2,821,721, 2-4-58, Cl. 4—57.
- Nelson, Axel B., E. G. Schmidt, and R. H. Zinkil, to Crane Co. Flapper valve. 2,829,378, 4-8-58, Cl. 4—57.
- Nelson, Axel B., E. G. Schmidt, and R. H. Zinkil, to Crane Co. Flapper valve. 2,830,302, 4-15-58, Cl. 4—57.
- Nelson, Brooks E., to The Osborn Mfg. Co. Annular brush element. 2,820,235, 1-21-58, Cl. 15—181.
- Nelson Brothers, Inc.: *See—*
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- Nelson, Bruce E., to Varian Associates. Microwave wattmeter. 2,853,679, 9-23-58, Cl. 324—95.
- Nelson, Charles E., to Nelson Muffler Corp. Exhaust muffler. 2,850,111, 9-2-58, Cl. 181—53.
- Nelson, Corless B. Door and supporting structure therefor. 2,831,219, 4-22-58, Cl. 20—16.
- Nelson, David P. Supporting device. 2,837,745, 6-10-58, Cl. 2—161.
- Nelson, De Witte, to Swift & Co. Triglyceride compositions. 2,855,311, 10-7-58, Cl. 99—122.
- Nelson, Douglas G.: *See—*
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- Nelson, Earl W., A. Dietz, J. P. Wikswo, and W. E. Trees, to American Cyanamid Co. Separation of iron chloride from gaseous iron chloride-titanium tetrachloride mixtures. 2,849,083, 8-26-58, Cl. 183—120.
- Nelson, Eldred C., to Hughes Aircraft Co. Serial arithmetic units for binary-coded decimal computers. 2,823,355, 2-18-58, Cl. 235—61.
- Nelson, Eldred C., to Hughes Aircraft Co. Electronic magnitude comparator. 2,837,732, 6-3-58, Cl. 340—149.
- Nelson, Eldred C., to Hughes Aircraft Co. High-speed printing system. 2,850,566, 9-2-58, Cl. 178—23.
- Nelson, Eugene K.: *See—*
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- Nelson, Eugene K. and H. H., to Cherry-Burrell Corp. Distributor trough for milk holding vats. 2,863,646, 12-9-58, Cl. 257—190.
- Nelson, Forrest A., to Varian Associates. Means and apparatus for improving the homogeneity of magnetic fields. 2,858,504, 10-28-58, Cl. 324—5.
- Nelson, Forrest W., to A. O. Smith Corp. Hot water tank and method of increasing the effectiveness of cathodic protection of the same. 2,839,462, 6-17-58, Cl. 204—147.
- Nelson, Fred L. Boat construction with well mounted propulsion unit. 2,844,120, 7-22-58, Cl. 115—35.
- Nelson, George L.: *See—*
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- Nelson, Gilbert E.: *See—*
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- Nelson, Glen E.: *See—*
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- Nelson, Gorman R. Hand tool for turning coupling nuts and the like. 2,859,649, 11-11-58, Cl. 81—61.
- Nelson, Gorman R. Torque-transmitting tool for coupling nuts and the like. 2,863,347, 12-9-58, Cl. 81—52.4.
- Nelson, Harold A. Hose nozzle holder. 2,827,253, 3-18-58, Cl. 248—75.
- Nelson, Harold D.: *See—*
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- Nelson, Harold E. Electric motor power take off. 2,861,662, 11-25-58, Cl. 192—2.
- Nelson, Harold H.: *See—*
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- Nelson, Harold H. and E. K., to Cherry-Burrell Corp. J-pin valve. 2,838,271, 6-10-58, Cl. 251—111.
- Nelson, Harry N.: *See—*
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- Nelson, Herbert, to Radio Corp. of America. Semi-conductor devices and method of making same. 2,845,373, 7-29-58, Cl. 148—1.5.
- Nelson, Herbert F. Stair tread construction. 2,827,675, 3-25-58, Cl. 20—79.
- Nelson, Herbert H., to Monsanto Chemical Co. Polymerization inhibitor. 2,861,041, 11-18-58, Cl. 252—1.
- Nelson, Howard N., to Kimberly-Clark Corp. Dispensing carton. 2,840,266, 6-24-58, Cl. 221—48.
- Nelson, Howard N., to Kimberly-Clark Corp. Dispensing carton. 2,840,267, 6-24-58, Cl. 221—48.
- Nelson, Ira R. Pictorial box. 2,834,130, 5-13-58, Cl. 40—7.
- Nelson, Iver J. and A. R. Saw advance means for automatic saw filings. 2,842,012, 7-8-58, Cl. 76—35.
- Nelson, Iver L., to Waldorf Paper Products Co. Carton closing apparatus. 2,844,930, 7-29-58, Cl. 53—376.
- Nelson, James K., to Westinghouse Electric Corp. Ice maker. 2,857,748, 10-28-58, Cl. 62—354.
- Nelson, James K., to Westinghouse Electric Corp. Refrigeration apparatus. 2,859,496, 11-11-58, Cl. 20—69.
- Nelson, John D.: *See—*
Anderson, Robert M., Dell, and Nelson. 2,857,752.
- Nelson, John H., to Kropp Forge Co. Method of making a forging die. 2,822,708, 2-11-58, Cl. 76—107.
- Nelson, John L., to Food Machinery and Chemical Corp. Cotton topper with hydraulic adjusting means. 2,842,926, 7-15-58, Cl. 56—25.4.
- Nelson, John S. Apparatus including means for feeding a chain to a sprue trimmer. 2,821,064, 1-28-58, Cl. 59—29.
- Nelson, John S. Chain attachment having a split loop portion and a clevis portion. 2,824,421, 2-25-58, Cl. 59—85.
- Nelson, John W.: *See—*
McCormick, Martin M., and Nelson. 2,831,811.
- Nelson, John W., to Sinclair Refining Co. Lithium soap grease and process of making same. 2,841,557, 7-1-58, Cl. 252—41.
- Nelson, Joseph F.: *See—*
Banes, Fred W., Gleason, and Nelson. 2,862,905.
Banes, Fred W., Nelson, and Leary. 2,849,512.
Fitz Gerald, William P., Nelson, and Slotterbeck. 2,857,361.
Gleason, Anthony H., and Nelson. 2,829,065.
Jaros, Stanley E., and Nelson. 2,849,510.
Kittleson, Allen R., and Nelson. 2,856,410.
Leary, Robert F., and Nelson. 2,849,459.
- Nelson, Joseph F., and B. I. Smith, to Esso Research and Engineering Co. Method of making electrodes from fluid coke blends. 2,835,605, 5-20-58, Cl. 106—284.
- Nelson, Joseph F., and J. F. McKay, to Esso Research and Engineering Co. Polyisobutylene-petroleum resin compositions. 2,835,644, 5-20-58, Cl. 260—45.5.
- Nelson, Joseph F., and J. F. McKay, to Esso Research and Engineering Co. Hydrocarbon resins odor stabilized with an alkyl-alkoxy monophenol. 2,835,650, 5-20-58, Cl. 260—45.95.
- Nelson, Joseph F., and R. F. Leary, to Esso Research and Engineering Co. Dry recovery of isobutylene-styrene copolymer. 2,862,915, 12-2-58, Cl. 260—88.1.
- Nelson, Kenneth E. Melody playing figure carrying toy carrousel. 2,846,223, 8-5-58, Cl. 272—31.
- Nelson, Kenneth W., to Rada Products Co. Supporting leg structure. 2,855,256, 10-7-58, Cl. 311—114.
- Nelson, Lawrence E., to Steelemade, Inc. Vending machines. 2,825,488, 3-4-58, Cl. 221—67.
- Nelson, Leland K. Anti-slip tread. 2,826,830, 3-18-58, Cl. 36—7.5.
- Nelson, Leroy E. Dental floss holder. 2,853,082, 9-23-58, Cl. 132—92.
- Nelson, Lewen R.: *See—*
Ballard, Walter W., and Nelson. 2,852,841.
- Nelson, Lloyd I. Drill depth gauge. 2,833,168, 5-6-58, Cl. 77—55.
- Nelson, Marcus L., and B. K. Roberts, to Queen Stove Works, Inc. Apparatus for producing compressed ice chips. 2,825,209, 3-4-58, Cl. 62—105.
- Nelson, Martin J., and E. Turecki, to Wunderlich Spring Machinery Co. Stacker mechanism for coil springs. 2,862,630, 12-2-58, Cl. 214—6.
- Nelson, Marvin D., and D. N. Cole, to Dutton-Lainson Co. Boat trailer. 2,860,792, 11-18-58, Cl. 214—84.
- Nelson, McDonald S.: *See—*
Bravard, Roy F., Mahaffey, and Nelson. 2,836,865.
- Nelson, Miles W.: *See—*
Thomson, Daniel E., and Nelson. 2,836,913.
- Nelson, Miles W., and D. E. Thomson. Collapsible sign structure for vehicles. 2,836,914, 6-3-58, Cl. 40—129.
- Nelson, Miller C.: *See—*
Little, Ernest L., Jr., and Nelson. 2,865,939.
- Nelson, Milton E. To Dental grinding instrument. 2,857,671, 10-28-58, Cl. 32—59.
- Nelson, Morris D., to Radio Corp. of America. Multi-beam convergence circuits. 2,834,911, 5-13-58, Cl. 315—13.
- Nelson, Morris D., to Radio Corp. of America. Automatic deflection amplitude control apparatus. 2,846,617, 8-5-58, Cl. 315—24.
- Nelson, Morris D., and B. Fisher, to Radio Corp. of America. Television intermediate frequency amplifiers. 2,840,645, 6-24-58, Cl. 179—171.
- Nelson Muffler Corp.: *See—*
Bryant, Edwin E. 2,825,421.
Nelson, Charles E. 2,850,111.
- Nelson, Nels H. Tobacco ash receptacle. 2,842,280, 7-8-58, Cl. 220—1.
- Nelson, Nels I., to George Gorton Machine Co. Forming guide. 2,857,821, 10-28-58, Cl. 90—62.
- Nelson, Noral A.: *See—*
Morse, Henry E., and Nelson. 2,826,174.

- Nelson, Noral A., to Massey-Harris-Ferguson Inc. Tractor-implement coupling mechanism. 2,826,430, 3-11-58, Cl. 280-456.
- Nelson, Noral A., to Massey-Ferguson Inc. Baler structure. 2,862,347, 12-2-58, Cl. 56-341.
- Nelson, Norman A., to Esso Research and Engineering Co. Drill hole slope indicator. 2,824,380, 2-25-58, Cl. 33-205.
- Nelson, Norman E.: *See*—Schubert, Dale L., Erickson, Nelson, and Brown. 2,824,610.
- Nelson, Oscar J.: *See*—Barecki, Chester J., and Nelson. 2,828,810.
- Nelson, Paul H., to The Stanley Works. Aligning bracket for accordion door. 2,839,776, 6-24-58, Cl. 16-1.
- Nelson, Permil N., to Lynn H. Ewing, d. b. a. Black Hawk Co. Float valve construction. 2,834,370, 5-13-58, Cl. 137-433.
- Nelson, Permil N., to L. H. Ewing, d. b. a. Black Hawk Co. Float valve construction. 2,847,026, 8-12-58, Cl. 137-434.
- Nelson, Permil N., to Lynn H. Ewing, d. b. a. Black Hawk Co. Accelerator control mechanism. 2,856,043, 10-14-58, Cl. 192-3.
- Nelson, Raider E., and R. E. Kon. Window well hoods. 2,863,177, 12-9-58, Cl. 20-1.
- Nelson, Ray: *See*—Hughes, James O., and Nelson. 2,841,500.
- Nelson, Richard L. Yieldable tip dart. 2,819,086, 1-7-58, Cl. 273-106.5.
- Nelson, Robert E. Oven circulator. 2,846,961, 8-12-58, Cl. 107-55.
- Nelson, Robert F. Single impression multi-color printing device. 2,864,310, 12-16-58, Cl. 101-327.
- Nelson, Robert L.: *See*—Cruikshank, Claude E., and Nelson. 2,853,336.
- Nelson, Roy A. Drawer slide. 2,843,444, 7-15-58, Cl. 312-341.
- Nelson, Roy F.: *See*—Dilworth, John P., Culnana, and Nelson. 2,862,884.
- Nelson, Roy F., to The Texas Co. Mixed sodium-calcium roller bearing grease. 2,832,738, 4-29-58, Cl. 252-40.
- Nelson, Roy F., R. C. Givens, and H. J. Pitman, to The Texas Co. Method of grease manufacture with recycle cooling. 2,830,022, 4-8-58, Cl. 252-41.
- Nelson, Rudolph S., and C. W. West, to Union Carbide Corp. Foam inhibition in hydrocarbon oils. 2,862,885, 12-2-58, Cl. 252-49.6.
- Nelson, Russell L. Safety device for laundry extractors. 2,843,239, 7-15-58, Cl. 192-136.
- Nelson, Samuel J., J. S. Sconce, and P. Robitschek, to Hooker Electrochemical Co. Epoxy resins cured with a fluorine-containing anhydride. 2,833,681, 5-6-58, Cl. 154-43.
- Nelson, Seddon C. Rotary square lawn sprinkler. 2,859,064, 11-4-58, Cl. 299-18.
- Nelson, Sexton D. Floor construction. 2,862,255, 12-2-58, Cl. 20-6.
- Nelson, Sven H.: *See*—Polson, Samuel D., and Nelson. 2,830,627.
- Polson, Samuel D., and Nelson. 2,830,744.
- Nelson, Stanley C., to Western Electric Co., Inc. Nesting pallets and separators for stacking articles for annealing. 2,866,629, 12-30-58, Cl. 263-47.
- Nelson, Theodore R., and N. W. Hunter, to Rheem Mfg. Co. Locking device for split clamping rings. 2,864,638, 12-16-58, Cl. 292-256.69.
- Nelson, Theodore W., to Westinghouse Air Brake Co. Bearing signal selectors. 2,851,683, 9-9-58, Cl. 343-106.
- Nelson, Victor J.: *See*—Wagner, Albert E., Miller, Nelson, and Peyton. 2,829,865.
- Nelson, Victor R.: *See*—Harding, Howard E., and Nelson. 2,830,351.
- Nelson, Walter A., to Nelson Brothers, Inc. Portable drill stand and guide apparatus. 2,832,241, 4-29-58, Cl. 77-55.
- Nelson, Walter C. Apparatus for the performance of blood transfusion tests. 2,850,430, 9-2-58, Cl. 167-84.5.
- Nelson, Walter M., and L. C. Pagenhardt. Game board and playing pieces therefor. 2,819,904, 1-14-58, Cl. 273-130.
- Nelson, Werner S. Rotating drum for self winding and conventional wrist watches. 2,860,534, 11-18-58, Cl. 81-7.5.
- Nelson, Wilbur A.: *See*—Jacobs, Alan. 2,832,425.
- Nelson, William T., to Phillips Petroleum Co. Gamma-butyrolactone as a selective solvent for hydrocarbons. 2,831,905, 4-22-58, Cl. 260-666.
- Nelson, William T., to Phillips Petroleum Co. Distillation of hydrocarbons with ethylene chloride. 2,839,452, 6-17-58, Cl. 202-42.
- Nelson, William T., to Phillips Petroleum Co. Selective solvent. 2,849,396, 8-26-58, Cl. 252-1.
- Nelson, William T., to Phillips Petroleum Co. Recovery of acetylene from gases, and acetylene-N-substituted pyrrole compositions. 2,859,833, 11-11-58, Cl. 183-115.
- Nelson, Nels., to United States Gypsum Co. Building construction. 2,843,230, 7-15-58, Cl. 189-35.
- Nemco Electric Co.: *See*—MacDougall, Charles B., and Bearwood. 2,855,504.
- Nemec, Joseph W., to Rohm & Haas Co. Substituted butyrolactones. 2,839,538, 6-17-58, Cl. 260-343.6.
- Nemes, Elmer P., to Remle Research Inc. Lamp. 2,850,661, 9-2-58, Cl. 313-215.
- Nemet, Anthony A., W. F. Cox, and C. L. Bennett, to North American Philips Co., Inc. Bucky-grid X-ray apparatus. 2,864,004, 12-9-58, Cl. 250-62.
- Nemeth, George. Clamp holder and clamp for pipe pushers. 2,866,662, 12-30-58, Cl. 294-92.
- Nemeth, Joseph E.: *See*—Raible, Frank, and J. E. and R. C. Nemeth. 2,838,676.
- Nemeth, Otto R. Miniature switching apparatus. 2,854,545, 9-30-58, Cl. 200-87.
- Nemeth, Robert C.: *See*—Raible, Frank, and J. E. and R. C. Nemeth. 2,838,676.
- Nenadal, Clarence G.: *See*—Simons, Homer C., and Nenadal. 2,832,277.
- Nenbauer, Edward: *See*—Seiler, William. 2,835,030.
- Nenz, Adriano: *See*—Herzenberg, Jean, Cevidalli, and Nenz. 2,861,110.
- Neo Products Co.: *See*—Burrows, Sol J. 2,821,308.
- Neon Engineering, Inc.: *See*—Heyob, Robert F., Burg, Hoffman, and Greenebaum. 2,850,560.
- Neo-Ray Products, Inc.: *See*—Zingone, Anthony E. 2,825,798.
- Zingone, Anthony E. 2,847,729.
- Zingone, Anthony E. 2,837,631.
- Neptune Meter Co.: *See*—Hazard, Charles S. 2,828,648.
- Nerenberg, Robert W., and A. B. Kleingers, Jr., to The Interstate Folding Box Co. Pouring opening for containers. 2,820,585, 1-21-58, Cl. 229-17.
- Nerheim, Eldon: *See*—Warshaw, Howard D., and Nerheim. 2,866,378.
- Nering, Robert A., to Morrow Sales Corp. Feeding mechanism for sewing machines. 2,827,869, 3-25-58, Cl. 112-207.
- Nesbitt, Harvey C. Simplified coin-wrapping machines. 2,823,504, 2-18-58, Cl. 53-213.
- Nesbitt, John D., to Surface Combustion Corp. Forge furnace atmosphere control apparatus. 2,827,278, 3-18-58, Cl. 266-2.
- Nesbitt, John J., Inc.: *See*—McElgin, John W., and Miller. 2,860,833.
- Ness, Levi L.: *See*—Keller, Horace D., Jr., Ness, Oberdier, and Wolf. 2,848,783.
- Nessel, Jiri M., to Clary Corp. Machine supporting structure. 2,843,969, 7-22-58, Cl. 45-68.1.
- Nesselrodt, Carl W. Rack member. 2,841,210, 7-1-58, Cl. 155-188.
- Nesset, Maurice M., and T. H. Gewecke, to Baxter Laboratories, Inc. Suspension device for container. 2,825,521, 3-4-58, Cl. 248-318.
- Nesson, Israel, to M. Zaiger. Windshield wiper blade. 2,861,289, 11-25-58, Cl. 15-245.
- Nestier Corp.: *See*—Doepke, Charles W., and Aston. 2,858,949.
- Nestor, Jack, 1/2 to I. Weisler. Window shutter. 2,828,816, 4-1-58, Cl. 160-166.
- Nestor, Leonard R. Adjustable grip for bowling ball. 2,844,375, 7-22-58, Cl. 273-63.
- Nestor, Leonard R., to Minnesota Mining & Mfg. Co. Molded rotative abrasive articles and method of making. 2,862,806, 12-2-58, Cl. 51-295.
- Nesty, Glenn A., to Allied Chemical Corp. Dispersions of solids in caprolactam and process of making them. 2,846,332, 8-5-58, Cl. 106-308.
- Nesvadba, Emil, to Meopta, narodni podnik. Sharp focusing device for optical instruments. 2,851,919, 9-16-58, Cl. 88-1.
- Neth, Fred, and M. Davies, to Columbia Machine Works, Inc. Concrete block forming machine with impact head. 2,831,230, 4-22-58, Cl. 25-41.
- Nethercutt, Jack B.: *See*—Scott, Delmer D. 2,820,314.
- Netherton, Lowell E.: *See*—Bell, Russell N., and Netherton. 2,852,341.
- Kramer, Leroy A., and Netherton. 2,844,437.
- Nettel, Frederick. Reciprocating internal combustion engine. 2,846,987, 8-12-58, Cl. 123-41.42.
- Nettle, Henry I. Feed attachment for addressing machine. 2,855,847, 10-14-58, Cl. 101-336.
- Nettleland, Loyal G., to Modern Hospital Equipment, Inc. Combined air cooling humidifying apparatus for oxygen tents. 2,852,022, 9-16-58, Cl. 128-191.
- Nettles, Harold R.: *See*—Randall, Ralph R. 2,841,037.
- Nettleship, William W. Door safety latch. 2,843,411, 7-15-58, Cl. 292-278.
- Nettleton, David L., G. W. Booth, and A. D. Beard, to Radio Corp. of America. Compression system. 2,853,698, 9-23-58, Cl. 340-174.
- Netzel, Philip C., to General Electric Co. Overcenter spring operating mechanism for an electric circuit breaker. 2,862,075, 11-25-58, Cl. 200-70.
- Netzer, Edward J. Roller type sheet metal perfecting machine and drive means therefor. 2,854,057, 9-30-58, Cl. 153-54.
- Netzer, Paul M., to United States of America, Army. Muzzle brake. 2,852,983, 9-23-58, Cl. 89-14.
- Neu, Franklyn R., to Standard Tool and Mfg. Co. Fluid cylinder with circuit closer. 2,859,296, 11-4-58, Cl. 200-82.

- Neubauer, Joseph A., and F. W. Theis, to Columbia-Southern Chemical Corp. Process for making sodium carbonate and acetylene. 2,845,329, 7-29-58, Cl. 23-63.
- Neubauer, Joseph A., F. Strain, F. E. Kung, and F. C. Dehn, to Columbia-Southern Chemical Corp. Preparation of benzene hexachloride. 2,858,260, 10-28-58, Cl. 204-163.
- Neuberger, Roger B., to American Can Co. Mechanism for feeding and separating articles in contiguous relation. 2,856,059, 10-14-58, Cl. 198-34.
- Neubert, Ulrich, to Licentia Patent-Verwaltungs-G. m. b. H. Electrostatic machine. 2,836,785, 5-27-58, Cl. 322-2.
- Neudert, Walter: *See*—
Wilhelmi, Hans, and Neudert. 2,851,730.
- Neufeld, Leonard C., to The Delman Co. Control device for windshield clearing systems. Re. 24,507, 7-22-58, Cl. 15-250.4.
- Neufeld, Leonard C., and R. L. Lowell, to The Delman Co. Pump unit for windshield clearing systems. 2,834,296, 5-13-58, Cl. 103-148.
- Neugass, Edwin A. Instrument illuminating means. 2,820,885, 1-21-58, Cl. 240-8.16.
- Neugass, Edwin A. Illuminated panels. 2,824,399, 2-25-58, Cl. 41-22.
- Neugass, Edwin A. Instrument lighting device. 2,827,557, 3-18-58, Cl. 240-2.1.
- Neugebauer, George H.: *See*—
Karatzas, Charles, and Neugebauer. 2,836,981.
- Neugebauer, Gerhardt C. Loose gem merchandising display device. 2,847,121, 8-12-58, Cl. 206-80.
- Neugebauer, Helmut: *See*—
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- Neugebauer, Wendell, to General Electric Co. RF half-wave pulse rectifier. 2,862,118, 11-25-58, Cl. 307-149.
- Neuhaus Elmer C.: *See*—
Block Robert H., Madsen, and Neuhaus. 2,843,175.
- Neukom, Hans, to International Minerals & Chemical Corp. Urea-modified alkali metal starch phosphates. 2,824,870, 2-25-58, Cl. 260-233.5.
- Neukom, Hans, to International Minerals & Chemical Corp. Pudding mix. 2,865,762, 12-23-58, Cl. 99-139.
- Neuman, Frank W. Fork. 2,835,971, 5-27-58, Cl. 30-322.
- Neumann, Arthur E., $\frac{1}{2}$ to F. Scoby. Battery reclaiming method. 2,826,490, 3-11-58, Cl. 75-77.
- Neumann, Erich. Type lever motion devices for typewriters and similar machines. 2,843,244, 7-15-58, Cl. 197-27.
- Neumann, Ernest P., and F. Lustwerk, to Rheem Mfg. Co. Jet pump. 2,852,922, 9-23-58, Cl. 62-500.
- Neumann, Hubert, to International Standard Electric Corp. Attenuator of noise in radio sets. 2,839,675, 6-17-58, Cl. 250-20.
- Neumann, Karl L.: *See*—
Barlow, Niles L., and Neumann. 2,855,508.
- Neumann, Kurt: *See*—
Goltz, Arnold, and Neumann. 2,832,471.
- Neumann, Otto W., to American Steel Foundries. Snubbed truck. 2,853,958, 9-30-58, Cl. 105-197.
- Neumann, Willy, to Motor-Condensator Compagnie, Schloz KG. Cooling means for V-belt pulleys. 2,842,974, 7-15-58, Cl. 74-230.01.
- Neumeister, Frederick, Jr. Puller device. 2,820,285, 1-21-58, Cl. 29-258.
- Neumeister, Walter H.: *See*—
Bergsland, Charles H., Karinen, Sorensen, Jeffrey, and Neumeister. 2,828,592.
- Neuner, Hans, and K. Erlacher. Setting-out frame. 2,828,575, 4-1-58, Cl. 45-24.
- Neunzig, Heinrich: *See*—
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- Neunzig, Heinrich, F. Baumann, and W. Helling, to Vereinigte Aluminium-Werke Akt. Method of forming a glossy surface. 2,847,286, 8-12-58, Cl. 41-42.
- Neupert, Eugene H.: *See*—
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- Neuschaefer, Werner H. F. W., and H. K. Hirth, to Daimler-Benz Akt. Wheel suspension of motor vehicles. 2,841,230, 7-1-58, Cl. 180-73.
- Neuschotz, Robert. Insert having frictionally retained key which upsets threads of base member. 2,855,970, 10-14-58, Cl. 151-23.
- Neustadter, Arnold: *See*—
Neilsen, Hilda L., and Neustadter. 2,859,549.
- Neutro-Gear, Inc.: *See*—
Hall, Cecil E. 2,823,755.
- Neuvirth, George J. Inert gas-arc welding apparatus and a shield and an electrode holding chuck for use in said apparatus. 2,842,656, 7-8-58, Cl. 219-75.
- Neuworth, Martin B.: *See*—
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- Neuworth, Martin B., E. B. Hotelling, and E. A. Depp, to Pittsburgh Consolidation Coal Co. Preparation of 6-tertiary butyl orthocresol. 2,836,627, 5-27-58, Cl. 260-624.
- Nevalonny, Michael. Non-aqueous electro-conductive electrolyte. 2,839,472, 6-17-58, Cl. 252-62.2.
- Nevard, Leslie A.: *See*—
Penn, Alfred J., and Nevard. 2,820,588.
- Nevill, Emerson F., to Fairbanks, Morse & Co. Brush guard for brush holder units. 2,838,704, 6-10-58, Cl. 310-246.
- Nevin, Kirkwood S., Jr.: *See*—
Van Zelm, Willem D., and Nevin. 2,827,248.
- Nevitt, Thomas D.: *See*—
Zubay, Geoffrey, Johnson, and Nevitt. 2,849,478.
- Nevitt, Thomas D., to Standard Oil Co. Solvent extraction. 2,831,039, 4-15-58, Cl. 260-674.
- Nevitt, Thomas D., to Standard Oil Co. Extraction of hydrocarbon mixtures with hydroxy sulfones. 2,849,514, 8-26-58, Cl. 260-674.
- New, Eric T. Tear-drop-shaped electric bicycle lanterns. 2,866,890, 12-30-58, Cl. 240-7.55.
- New, James R. Projecting apparatus. 2,826,113, 3-11-58, Cl. 88-24.
- New, Norman, to Imperial Chemical Industries Ltd. Process for compounding silicone gum, silica and a dihydric alcohol and product obtained. 2,852,484, 9-16-58, Cl. 260-33.4.
- New Products Corp.: *See*—
Banker, Oscar H. 2,821,972.
Banker, Oscar H. 2,823,777.
Banker, Oscar H. 2,824,524.
Banker, Oscar H. 2,842,239.
Banker, Oscar H. 2,851,012.
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- New, Robert V. Oil and gas well drilling and apparatus therefor. 2,828,945, 4-1-58, Cl. 255-4.
- Newall, Archibald P.: *See*—
Davey, Thomas R. A., and Newall. 2,823,111.
- Newall, John G., and V. C. Sickle, to Armour and Co. Fabricated polyurethane cushion. 2,858,881, 11-4-58, Cl. 155-179.
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- Newart Mfg. Co.: *See*—
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- Newaygo Engineering Co.: *See*—
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- Witte, Bernard G. 2,857,640.
- Newberg, Raymond G.: *See*—
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- Etherington, Lewis D., Newberg, Wilson, and Sayko. 2,857,352.
- Morris, Kenneth G., Roediger, Newberg, and Sayko. 2,842,507.
- Newberg, Raymond G., and R. E. Clayton, to Esso Research and Engineering Co. Weathering of isolefin-vinyl aromatic copolymers containing hydroxy benzoldehydes. 2,845,399, 7-29-58, Cl. 260-45.95.
- Newberry, Joseph C. Manually operated boat propulsion means. 2,835,217, 5-20-58, Cl. 115-24.
- Newberry, Meigs W., to Royal McBee Corp. Tabulating mechanism for typewriter or like machines. 2,852,122, 9-16-58, Cl. 197-178.
- Newbould, Charles H. Grinding wheel dressing device. 2,832,329, 4-29-58, Cl. 125-11.
- New Britain Machine Co., The: *See*—
Jobert, Arthur H. 2,844,863.
Jobert, Arthur H., and Gocht. 2,851,890.
- Ovshinsky, Stanford R. 2,831,387.
- Pethybridge, Charles A. 2,819,057.
- Retz, William B. 2,823,041.
- Retz, William B. 2,837,205.
- Retz, William B., and Cardell. 2,860,730.
- Stephan, Hallis N. 2,847,911.
- Stephan, Hallis N. 2,856,789.
- Stephan, Hallis N. 2,860,547.
- Newbrough, Louis H. Crash position signalling indicator. 2,825,803, 3-4-58, Cl. 250-17.
- Newburg, Ferdinand F.: *See*—
Kenney, William H., and Newburg. 2,838,822.
- Newburgh, Henry: *See*—
Ostenso, Arthur S., and Newburgh. 2,821,675.
- Newbury, Allan H., to Goodman Mfg. Co. Rope side-frame conveyor with non-walking supporting stand. 2,831,567, 4-22-58, Cl. 198-192.
- Newbury, Amos B.: *See*—
Hague, Robert Z., Karlyb, and Newbury. 2,858,461.
- New Castle Products, Inc.: *See*—
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Harris, Donald S. 2,862,378.
- McConville, Robert H. 2,839,134.
- Newco Mfg. Co., Inc.: *See*—
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- Newcomb, Benjamin R., and L. M. Stempel, to John Waldron Corp. Barrel printing apparatus. 2,819,670, 1-14-58, Cl. 101-38.
- Newcomb, Fred A.: *See*—
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- Newcomb, Philip P., to United Aircraft Corp. Cooled turbine blade. 2,828,940, 4-1-58, Cl. 253-39.15.
- Newcomb, Philip P., to United States of America, Air Force. Turbine blade. 2,833,515, 5-6-58, Cl. 253-77.
- Newcombe, Frank A., to Central Transformer Corp. Terminal bushing assemblies for transformers. 2,866,173, 12-23-58, Cl. 339-202.
- Newcomer, Harry S., and A. F. Anderson; said Anderson assor. to said Newcomer. Prism type anamorphoser device. 2,866,383, 12-30-58, Cl. 88-57.
- Newcomer, Jack S., K. J. Smith, and J. Linder, to Hooker Chemical Corp. N-chloro chlorobenzamide. 2,860,166, 11-11-58, Cl. 260-558.
- Newcomer, Jacob R., Jr., to Camloc Fastener Corp. Fastener assembly. 2,846,149, 8-5-58, Cl. 238-260.
- Newcomer, Jacob R., Jr., and F. Wheeler, to Camloc Fastener Corp. Latch handle. 2,861,859, 11-25-58, Cl. 312-320.

- Newell, Blake S. Speed limiting coupling device. 2,836,274, 5-27-58, Cl. 192-104.
- Newell, Edward T. Plows for garbage trucks. 2,865,286, 12-23-58, Cl. 100-295.
- Newell, Ernest, & Co.: *See—*
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- Newell, Frank M., to Newell Mfg. Co. Door latch. 2,851,871, 9-16-58, Cl. 70-150.
- Newell, George K., to Westinghouse Air Brake Co. Fluid pressure brake cylinder apparatus for use with composition brake shoes on railway cars. 2,849,091, 8-26-58, Cl. 188-153.
- Newell, George K., and C. D. Wright, Jr., to Westinghouse Air Brake Co. Composition brake shoe assembly. 2,821,270, 1-28-58, Cl. 188-251.
- Newell, Harold R. Automatic volt-ohmmeter. 2,865,000, 12-16-58, Cl. 324-115.
- Newell, Isaac L., and E. A. Walen. Formation of corrosion resistant films on aluminum. 2,844,496, 7-22-58, Cl. 148-621.
- Newell, James K., Jr., to General Electric Co. Dynamo-electric machine brush holder. 2,822,486, 2-4-58, Cl. 310-240.
- Newell Mfg. Co.: *See—*
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- Newell, Roderick G.: *See—*
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- Newell, William H.: *See—*
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- Newell, William H., to Sperry Rand Corp. Control for three variables. 2,833,981, 5-6-58, Cl. 323-90.
- Newell, William H., to Sperry Rand Corp. Synchronizing control for motion reproducing devices. 2,840,992, 7-1-58, Cl. 60-53.
- Newell, William H., to Sperry Rand Corp., Ford Instrument Co. Division. Precision torque motor. 2,864,048, 12-9-58, Cl. 318-436.
- Newell, William H., and H. W. Brevoort, to Sperry Rand Corp. Parachute canopy release. 2,834,083, 5-13-58, Cl. 24-201.
- New England Carbide Tool Co., Inc.: *See—*
Chapin, Bernard L., and Alper. 2,856,157.
- Tengberg, Evert R. 2,834,230.
- Tengberg, Evert R. 2,858,109.
- New England Envelope Mfg. Co.: *See—*
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- New England Lead Burning Corp.: *See—*
Weiss, George. 2,839,299.
- New England Machine and Tool Co., The: *See—*
Campbell, Paul J. 2,855,689.
- New England Tomato Co.: *See—*
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- New England Wooden Ware Corp.: *See—*
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- Newey, Herbert A., to Shell Development Co. Process for curing polyepoxides and resulting products. 2,824,082, 2-18-58, Cl. 260-47.
- Newey, Herbert A., to Shell Development Co. Polyepoxy polyethers, their preparation and polymers. 2,848,426, 8-19-58, Cl. 260-2.
- Newey, Herbert A., to Shell Development Co. Process for curing polyepoxides by amine adducts and resulting products. 2,864,775, 12-16-58, Cl. 260-2.
- Newhall, Donald H., to Harwood Engineering Co. System for delivering a continuous and steady flow of a compressible fluid at high pressure. 2,819,835, 1-14-58, Cl. 230-49.
- Newhams, William C., to Aluminum Co. of America. Method of making magnesium-zirconium master alloy. 2,849,311, 8-26-58, Cl. 75-168.
- Newhard, Nelson J., Jr.: *See—*
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- Spruance, Frank P., Jr., and Newhard. 2,851,385.
- New Haven Board & Carton Co., The: *See—*
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- Toensmeier, Patrick A. 2,823,062.
- Toensmeier, Patrick A. 2,823,063.
- Toensmeier, Patrick A. 2,823,064.
- Toensmeier, Patrick A. 2,833,458.
- Toensmeier, Patrick A. 2,850,207.
- New Holland Machine Division of Sperry Rand Corp., The: *See—*
Nolt, Edwin B. 2,859,688.
- Newhouse, Elbert A. Stroboscopic illuminating system for viewing instruments and the like. 2,837,958, 6-10-58, Cl. 88-23.
- Newhouse, James H.: *See—*
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- Newhouse, Russell C., to Bell Telephone Laboratories, Inc. Deflecting system. 2,821,657, 1-28-58, Cl. 315-27.
- Newhouse, Vernon L.: *See—*
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- Newhouse, Walter F. Methods for making wirebound box and crate mats. 2,837,744, 6-10-58, Cl. 1-62.
- Newhouse, Walter F., to Saranac Machine Co. Staple forming and driving head. 2,862,205, 12-2-58, Cl. 1-2.
- Newhouse, Walter F., O. E. Lassfolk, and N. J. Smith, to Saranac Machine Co. Stapling machine. 2,862,207, 12-2-58, Cl. 1-147.
- New Jersey Machine Corp.: *See—*
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- New Jersey Zinc Co., The: *See—*
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- Cyr, Howard M., and Steele. 2,855,288.
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- Reimert, Lawrence J., and Fatzinger. 2,848,397.
- Newkirk, Arthur E.: *See—*
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- Newkirk, John D.: *See—*
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- Newkirk, John R., to National Pneumatic Co., Inc. Control system for power operated doors equipped with obstruction detecting means. 2,832,588, 4-29-58, Cl. 268-50.
- Newkirk, Oliver R.: *See—*
Higgins, John E., and Newkirk. 2,835,583.
- Newland, Arthur E., and A. J. Schultz: said Schultz assor. to said Newland. Sphygmometer. 2,865,365, 12-23-58, Cl. 128-205.
- Newland, Cecil T., to Vanadium Corp. of America. Apparatus for flaking molten material. 2,820,248, 1-21-58, Cl. 18-1.
- Newland, J. Raymond: *See—*
Colgren, Carl T., and Newland. 2,828,593.
- Newlands, George P. F.: *See—*
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- Newlin, Monty G. Automatic car starter. 2,836,732, 5-27-58, Cl. 290-38.
- Newman, Arthur D., to The Parsons and Marine Engineering Turbine Research and Development Association. Bearings. 2,826,463, 3-11-58, Cl. 308-76.
- Newman, Arthur J., and J. L. Wilson, to Union Carbide Corp. Strip metal arc welding. 2,848,593, 8-19-58, Cl. 219-73.
- Newman, Douglas A., and A. T. Schlotzhauer, to Columbia Ribbon & Carbon Mfg. Co., Inc. Manifold sheet and composition therefor. 2,820,717, 1-21-58, Cl. 117-36.
- Newman, Edward A., D. W. Davies, and D. O. Clayden, to National Research Development Corp. Methods of recording digital information. 2,845,609, 7-29-58, Cl. 340-174.
- Newman, Frederick H., Jr., to Supurdisplay Inc. Liquid dispensing mechanisms. 2,865,538, 12-23-58, Cl. 222-321.
- Newman, Joseph: *See—*
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- Newman, Joseph H.: *See—*
Glazier, Frederick P., and Newman. 2,859,322.
- Newman, Kenneth E.: *See—*
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- Newman, Kenneth W., to Turco Products, Inc. Method for rejuvenation of aluminum treating solutions. 2,828,193, 3-25-58, Cl. 41-42.
- Newman, Leslie. Adjustable dry-feed hopper and trough. 2,835,224, 5-20-58, Cl. 119-55.
- Newman, Leslie W., and R. Dine. Pressure-fed oil fuel burner. 2,859,807, 11-11-58, Cl. 158-42.2.
- Newman, Louis: *See—*
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- Hamlin, Jerry F., and Newman. 2,844,924.
- Hamlin, Jerry F., and Newman. 2,861,407.
- Newman, Louis L. Apparatus for and method of reducing ore. 2,833,643, 5-6-58, Cl. 75-41.
- Newman, Melvin S., to The Ohio State University Research Foundation. Conversion of ethynyl compounds to acetyl compounds. 2,853,520, 9-23-58, Cl. 260-586.
- Newman, Melvin S., and S. Swaminathan, to The Ohio State University Research Foundation. Process for isomerizing 8a-methyl-1,2,3,4,6,7,8,8a-octahydro-1-ethynyl-1 β -hydroxy-8-oxonaphthalene and isomer obtained thereby. 2,848,497, 8-19-58, Cl. 260-586.
- Newman, Melvin S., and S. Swaminathan, to The Ohio State University Research Foundation. Process for preparing 1-acetyl-6-oxo-8a-methyl-3,4,6,7,8,8a-hexahydronaphthalene. 2,862,033, 11-25-58, Cl. 260-586.
- Newman, Milton: *See—*
Weinreich, Sol, and Newman. 2,830,387.
- Newman, Morris M., to Lightning & Transients Research Institute, Inc. Apparatus for reducing radio interference. 2,822,466, 2-4-58, Cl. 250-20.
- Newman, Percy A., to Ross Gear and Tool Co., Inc. Hydraulic steering gear with a gear rack disposed intermediate piston heads. 2,847,868, 8-19-58, Cl. 74-388.
- Newman, Sheldon O., to Sperry Rand Corp. Automatic frequency control system. 2,853,612, 9-23-58, Cl. 250-36.
- Newman, Stanley R.: *See—*
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- Dille, Kenneth L., Heisler, Newman, and Alpert. 2,821,538.
- Dille, Kenneth L., Heisler, Newman, and Alpert. 2,844,449.
- Heisler, Robert Y., Newman, and Alpert. 2,844,448.
- Heisler, Robert Y., Newman, Alpert, and Dille. 2,866,756.
- Heisler, Robert Y., Newman, Dille, and Alpert. 2,844,450.
- Newman, Stanley R., to The Texas Co. Anti-ice clogging additive for fuel. 2,858,201, 10-28-58, Cl. 52-5.
- Newman, Stanley R., N. Alpert, and R. Y. Heisler, to The Texas Co. Novel polymethylene glycol carbonates. 2,821,539, 1-28-58, Cl. 260-463.
- Newman, Stanley R., and H. E. Vermillion, to The Texas Co. Supplementary fuel mixture for cold starting diesel engines. 2,842,432, 7-8-58, Cl. 44-53.
- Newman, Stanley R., R. Y. Heisler, K. L. Dille, and N. Alpert, to The Texas Co. Motor fuel composition. 2,842,433, 7-8-58, Cl. 44-71.

- Newman, Stanley R., R. Y. Heisler, and N. Alpert, to The Texas Co. Lubricants containing deposit control additives. 2,866,757, 12-30-58, Cl. 252-56.
- Newman, Stanley R., K. L. Dille, R. Y. Heisler, and N. Alpert, to The Texas Co. Lubricants containing a deposit-control additive. 2,866,758, 12-30-58, Cl. 252-57.
- Newman, Theodore J., to American Bosch Arma Corp. Turret control. 2,841,751, 7-1-58, Cl. 318-77.
- Newman, Thomas P.: *See—*
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- Newman, William K., and G. O. Puerner, to P. R. Mallory & Co., Inc. Power or line switches for controls. 2,820,864, 1-21-58, Cl. 200-67.
- Newmark, Harold L., to The Vitamine Co. Inc. Stable vitamin B₁₂-containing solution. 2,823,167, 2-11-58, Cl. 167-81.
- Newnham, Frank R. A., to Medway Paper Sacks Ltd. Ticket issuing machine. 2,845,886, 8-5-58, Cl. 112-11.
- Newport, John J., to The Dow Chemical Co. Superior galvanic magnesium anode. 2,834,698, 5-13-58, Cl. 148-3.
- Newsom, Earl G.: *See—*
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- Newsom, Earl G., and J. W. Gray, to General Precision Laboratory Inc. Mixer modulator. 2,856,586, 10-14-58, Cl. 332-43.
- Newsom, James B.: *See—*
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- MacPherson, Donald H., McCandless, and Newsom. 2,820,104.
- Newsom, Thomas M.: *See—*
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- Newsom, William G. Dispenser for flush tank deodorant bottle. 2,839,763, 6-24-58, Cl. 4-227.
- Newton, Henry W., to United States of America, Atomic Energy Commission. Neutronic reactor having localized areas of high thermal neutron densities. 2,837,475, 6-3-58, Cl. 204-193.2.
- Newstead, Charles, to United Shoe Machinery Corp. Power rivet setting tools having angularly adjustable nosepieces. 2,845,197, 7-29-58, Cl. 218-47.
- Newstedt, Harry N., to General Telephone Laboratories, Inc. Automatic toll ticketing telephone systems. 2,865,998, 12-23-58, Cl. 179-9.
- Newstedt, Harry N., to General Telephone Laboratories, Inc. Automatic toll ticketing telephone systems. 2,866,002, 12-23-58, Cl. 179-18.
- Newton, Alvin B., to The Coleman Co., Inc. Compressor for refrigeration system. 2,844,301, 7-22-58, Cl. 230-53.
- Newton, Alvin B., to The Coleman Co., Inc. Automatically controlled air-mixing cabinet. 2,850,242, 9-2-58, Cl. 236-13.
- Newton, Amos S.: *See—*
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- Newton, Arnold, to F-R Machine Works, Inc. Saturable variable inductor. 2,826,748, 3-11-58, Cl. 336-155.
- Newton, Catherine H.: *See—*
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- Newton, Charles L.: *See—*
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- Newton, Charles L., to Herrick L. Johnston, Inc. Process for separating a gas mixture into its components. 2,863,295, 12-9-58, Cl. 62-13.
- Newton, Charles L., to Herrick L. Johnston, Inc. High pressure cycle for the continuous separation of a gas mixture into its components. 2,863,296, 12-9-58, Cl. 62-14.
- Newton, Edward T.: *See—*
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- Newton, Edwin B.: *See—*
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- Sears, Daniel S., and Newton. 2,859,198.
- Newton, Edwin B., and H. J. Kehe, to The B. F. Goodrich Co. Method for making metal phthalocyanine pigments. 2,824,107, 2-18-58, Cl. 260-314.5.
- Newton, Emerson H., and J. L. Sienczyk, to Arthur D. Little, Inc. Process for sulfide-coating ferrous alloys. 2,829,995, 4-8-58, Cl. 148-6.24.
- Newton, Guy F.: *See—*
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- Newton, John A., to Thompson Products, Inc. Valve retainer lock and method of making same. 2,827,031, 3-18-58, Cl. 123-188.
- Newton, John A., to Thompson Products, Inc. Valve rotating device. 2,863,427, 12-9-58, Cl. 123-90.
- Newton, John A., and M. J. Tauschek, to Thompson Products, Inc. Poppet valve with wear resistant stem tip. 2,865,359, 12-23-58, Cl. 123-188.
- Newton, John S., to Goodman Mfg. Co. Troughing roller assembly for belt conveyors. 2,862,608, 12-2-58, Cl. 198-192.
- Newton, Joseph L. Grading indicator. 2,863,417, 12-9-58, Cl. 116-133.
- Newton, Leslie J., to Building Products Ltd. Metal clad siding panels. 2,820,257, 1-21-58, Cl. 20-5.
- Newton and Pycroft Ltd.: *See—*
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- Newton, Richard W., and H. E. Koch, to Harold E. Koch. Quick release self-locking shear pin. 2,865,076, 12-23-58, Cl. 24-211.
- Newton, Ross B., to Whitin Machine Works. Twister head. 2,819,581, 1-14-58, Cl. 57-77.4.
- Newton, Ross B., to Whitin Machine Works. Twister head. 2,827,757, 3-25-58, Cl. 57-77.45.
- New York Air Brake Co., The: *See—*
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- Hodgson, Robert F. Re. 2,827,850.
- Huber, Matthew W. 2,827,854.
- Pickert, Lynn I. 2,819,125.
- Rohrberg, Paul W. 2,838,328.
- Schwary, Robert E. 2,852,918.
- Stacey, Hugh J. 2,856,960.
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- New York Central Railroad Co., The: *See—*
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- Robbins, Frederick O., Sweeder, Dunbar, and Wolke. 2,852,277.
- Simmons, Lawrence C. 2,852,003.
- New York Trust Co., The: *See—*
Clark, Eugene F. 2,860,666.
- Franklin, Burton P. 2,850,712.
- MacIsaac, John T., Jr., and Brey. 2,860,665.
- Mills, Edwin R. 2,840,680.
- Moberg, Ivar O. 2,860,664.
- Moberg, Ivar O. 2,860,669.
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- Webber, Clarence E., and Watson. 2,849,029.
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- Swezey, Arthur W., and Nex. 2,841,483.
- Neyhart, James H.: *See—*
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- Neyret Freres & Cie.: *See—*
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- Neyret, Georges, to Neyret Freres & Cie. Metal carrier for badges and means for securing same. 2,859,500, 11-11-58, Cl. 24-13.
- Niagara Blower Co.: *See—*
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- Niagara Machine & Tool Works: *See—*
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- Nibbit Products Association Ltd.: *See—*
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- Nibco, Inc.: *See—*
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- Wurzbarger, Paul D. 2,831,523.
- Niblick, Walter P. Vibratory motor with motion conversion mechanism. 2,859,362, 11-4-58, Cl. 310-21.
- Nicholson, David B., and W. M. Cady, to United States of America as represented by the Secretary of the Navy. Mechanically resonant sector scanner. 2,825,052, 2-25-58, Cl. 340-765.
- Nichol, Wilbert G.: *See—*
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- Nicholaisen, Bernard H., and F. F. Frulla, to Olin Mathieson Chemical Corp. Recovery of cyclohexanone oxime. 2,822,394, 2-4-58, Cl. 260-566.
- Nicholas, Alfred J., and R. N. Buttrey, to South Wales Switchgear Ltd. High voltage switchgear. 2,842,643, 7-8-58, Cl. 200-144.
- Nicholas, James H., to G & W Electric Specialty Co. External potential gradient control for high voltage cable terminator or bushing. 2,820,086, 1-14-58, Cl. 174-140.
- Nicholas, James H., to G & W Electric Specialty Co. Cable sheath insulator and mounting therefor. 2,827,506, 3-18-58, Cl. 174-21.
- Nicholas, James H., to G & W Electric Specialty Co. High voltage electric terminator. 2,835,725, 5-20-58, Cl. 174-142.
- Nicholas Proprietary Ltd.: *See—*
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- Nicholas, Stanley G.: *See—*
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- Nicholl, Leonard, P. J. Trasio, and H. Blohm, to Kay-Fries Chemicals Inc. Process for preparation of oxy alkylidene compounds. 2,824,121, 2-18-58, Cl. 260-484.
- Nichols, Albert M.: *See—*
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- Nichols, Arnold D., to United Aircraft Corp. Turbine or compressor construction and method of assembly. 2,851,246, 9-9-58, Cl. 253-78.
- Nichols, Arthur C.: *See—*
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- Nichols, Arthur H.: *See—*
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- Nichols, Beverly R., to Allis-Chalmers Mfg. Co. Control system for hydraulic turbines including a governor hydraulically connected to means controlling operation of turbine inlet valve means. 2,851,046, 9-9-58, Cl. 137-26.
- Nichols, Bill: *See—*
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- Nichols, Charles A., and G. L. Weiser, to General Motors Corp. Method of making a fabricated rotor. 2,825,124, 3-4-58, Cl. 29-156.8.
- Nichols, Charles A., and G. L. Weiser, to General Motors Corp. Apparatus for securing laminations to a shaft. 2,850,795, 9-9-58, Cl. 29-203.
- Nichols, Chas. L.: *See—*
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- Nichols, Christabel S. Retractable windshield visor. 2,854,282, 9-30-58, Cl. 296-95.

- Nichols Engineering and Research Corp.: *See*—
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- Nichols, Dixie R. Traveling case. 2,832,447, 4-29-58, Cl. 190-4.
- Nichols, Donald E., to Collins Radio Co. Detent lifting device. 2,828,631, 4-1-58, Cl. 74-10.
- Nichols, Gordon E., to Winthrop-Atkins Co., Inc. Calendar mount for calendar memo pads. 2,845,732, 8-5-58, Cl. 40-152.1.
- Nichols, Gordon E., to Winthrop-Atkins Co., Inc. Desk calendar mount. 2,855,708, 10-14-58, Cl. 40-120.
- Nichols, Gordon E., to Winthrop-Atkins Co., Inc. Easel mount with pocket and means for ejecting an insert therefrom. 2,863,243, 12-9-58, Cl. 40-152.1.
- Nichols, Joseph: *See*—
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Boehme, Werner R., and Nichols. 2,846,465.
Boehme, Werner R., and Nichols. 2,847,454.
- Nichols, Joseph, to Ethicon, Inc. Bodied 2-keto octadecenoic acid glycerides. 2,822,371, 2-4-58, Cl. 260-406.
- Nichols, Joseph, to Ethicon, Inc. Styrenated oils. 2,837,546, 6-3-58, Cl. 260-407.
- Nichols, Joseph, to Ethicon, Inc. Oxidation of castor oil. 2,851,471, 9-9-58, Cl. 260-406.
- Nichols, Joseph, to Ethicon, Inc. 10,11-dihydroxy and 10,11-epoxy-9,12-diketostearic acid and derivatives. 2,852,521, 9-16-58, Cl. 260-295.
- Nichols, Joseph, to Ethicon, Inc. 10,11-dihydroxy and 10,11-epoxy-stearic acid and derivatives. 2,852,522, 9-16-58, Cl. 260-295.
- Nichols, Joseph, to Ethicon, Inc. 2-(N-alkylaminomethyl)-bicyclo-(2,2,1)-5-heptenes and 2-(N-alkylaminomethyl)-bicyclo-(2,2,1)-heptanes. 2,855,405, 10-7-58, Cl. 260-343.7.
- Nichols, Joseph, and E. S. Schipper, to Ethicon, Inc. Esters of 9,12-diketostearic acid, 9,12-diketo-10,11-octadecenoic acid, and 9,12-diketo-10,11-epoxystearic acid. 2,822,369, 2-4-58, Cl. 260-348.
- Nichols, Joseph, and E. S. Schipper, to Ethicon, Inc. Aminoalkyl esters of 12-keto-10, 11-octadecenoic acid and 12-keto-10, 11-epoxystearic acid. 2,842,560, 7-8-58, Cl. 260-348.
- Nichols, Joseph, and E. S. Schipper, to Ethicon, Inc. Aminoalkyl esters of 12-ketooleic acid and 12-ketoelaidic acid. 2,842,575, 7-8-58, Cl. 260-404.
- Nichols, Joseph, and E. S. Schipper, to Ethicon, Inc. Fatty acid derivative. 2,848,467, 8-19-58, Cl. 260-406.
- Nichols, Joseph, and E. S. Schipper, to Ethicon, Inc. Amides of 9,12-diketostearic acid, 9,12-diketo-10,11-octadecenoic acid; 9,12-diketo-10,11-dihydroxystearic acid; and 9,12-diketo-10,11-epoxystearic acid. 2,850,509, 9-2-58, Cl. 260-348.
- Nichols, Lewis O., and H. A. Wilhelm. Feeding device. 2,841,116, 7-1-58, Cl. 119-53.
- Nichols, Osbert H.: *See*—
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- Nichols, Robert P. Toy rocket. 2,836,008, 5-27-58, Cl. 46-74.
- Nichols, Robinson F., to The B. F. Goodrich Co. Composition comprising diisocyanate-linked elastomers and lignin. 2,854,422, 9-30-58, Cl. 260-17.5.
- Nichols, Robinson F., and L. C. Kreider, to The B. F. Goodrich Co. Compositions containing diisocyanate-linked polyurethane elastomer and beeswax. 2,844,554, 7-22-58, Cl. 260-28.
- Nichols, Talley W. Toy cartridge type gun. 2,841,907, 7-8-58, Cl. 42-54.
- Nichols, Wallace H., to Whirlpool Corp. Combination washing and drying machine. 2,864,249, 12-16-58, Cl. 68-19.
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- Nichols, William G., to United States of America, Army. Gun having artillery training round of ammunition. 2,857,812, 10-28-58, Cl. 89-29.
- Nichols, William M., to Alco Products, Inc. Pistons. 2,818,841, 1-7-58, Cl. 123-41.35.
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- Nicholson, Carl W.: *See*—
Patchin, Paul E. 2,859,270.
- Nicholson, Edward P. Drainage assembly. 2,866,319, 12-30-58, Cl. 61-11.
- Nicholson, Edward W. S.: *See*—
Voorhies, Alexis, Jr., and Nicholson. 2,849,384.
- Nicholson, Edward W. S., to Esso Research and Engineering Co. Gas-solids separation in high temperature coking. 2,848,381, 8-19-58, Cl. 196-55.
- Nicholson, Edward W. S., to Esso Research and Engineering Co. Fluid hydroforming with inverse temperature gradient. 2,861,947, 11-25-58, Cl. 208-149.
- Nicholson, George E., to Precision Products, Inc. Universal chart clock. 2,852,907, 9-23-58, Cl. 58-7.
- Nicholson, Mike W.: *See*—
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- Nicholson, Thomas W. Log feed mechanism. 2,821,220, 1-28-58, Cl. 144-249.
- Nicholson, William Q., and C. B. Warshawsky, to Hycon Mfg. Co. Sequence timer. 2,843,685, 7-15-58, Cl. 200-37.
- Nick, Harry: *See*—
Suchter, Wilma V. 2,865,070.
- Nickel Cadmium Battery Corp.: *See*—
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- Nickel, Horst: *See*—
Suckfull, Fritz, Putter, and Nickel. 2,861,064.
- Nickel, Willard T.: *See*—
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Jorgensen, Clarence H., Barr, Dietrich, Nickel, and Rowe. 2,849,862.
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- Nickell, Claude N.: *See*—
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- Nickell, Louis G., to Chas. Pfizer & Co., Inc. Plant growth stimulation. 2,864,681, 12-16-58, Cl. 71-2.5.
- Nickels, Joseph E.: *See*—
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- Nickels and Nickels, Inc.: *See*—
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- Nickelson, Alison W., to Richmond Foundry & Mfg. Co. Block forming machine. 2,842,827, 7-15-58, Cl. 25-103.
- Nickerson, Bryan W., Jr. Side wall for tires. Re. 24,518, 8-12-58, Cl. 301-37.
- Nickerson, Clifford A.: *See*—
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Keith, Clyde R., Nickerson, and Taris. 2,846,505.
Miller, Robert A., Nickerson, and Taris. 2,866,852.
- Nickerson, Elmer K., deceased, by M. N. Steele, to Chapman Valve and Mfg. Co. Piston actuated valve with restraining detent. 2,834,569, 5-13-58, Cl. 251-62.
- Nickerson, Mortimer H. Polymerization of chlorotrifluoroethylene. 2,851,407, 9-9-58, Cl. 204-163.
- Nickerson, Ralph F., to Monsanto Chemical Co. Silica aquasol containing a polyhydric alcohol. 2,823,186, 2-11-58, Cl. 252-313.
- Nickerson, Thomas D., to The Texas Co. Electronic automatic sequence timers. 2,844,211, 7-22-58, Cl. 181-5.
- Nickle, Arthur G., to Nickle Engineering. Overload-underload control system and method. 2,843,327, 7-15-58, Cl. 241-35.
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Nickle, Arthur G. 2,843,327.
- Nickles, Lewis B. Jet propulsion means for boats. 2,847,965, 8-19-58, Cl. 115-12.
- Nickles Machine Corp.: *See*—
Haring, John M. 2,843,221.
- Nickles, Ned F., to General Motors Corp. Gas tank filler door. 2,846,261, 8-5-58, Cl. 296-1.
- Nickliss, George, and R. P. Ensign, to Western Airlines, Inc. Food carrying cart for airplanes. 2,860,020, 11-11-58, Cl. 311-17.
- Nickol, Gordon B., to National Distillers and Chemical Corp. Whiskey aging. 2,865,770, 12-23-58, Cl. 99-181.
- Nickolai, Carl L. Shing. 2,825,598, 3-4-58, Cl. 294-75.
- Nickols, Chester R., to Elgin Softener Corp. Valves. 2,845,089, 7-29-58, Cl. 137-513.5.
- Nickow, Hy: *See*—
Nickow, Louis, M. A., and H. 2,846,238.
- Nickow, Louis, M. A., and H., to General Loose Leaf Bindery Co., Inc. Label holder for binder. 2,846,238, 8-5-58, Cl. 281-36.
- Nickow, Martin A.: *See*—
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- Niclas, Walter: *See*—
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- Nicodemus, Harold E., to Patterson & Sons Welding and Machine Co. Chain saw guard. 2,826,294, 3-11-58, Cl. 206-16.
- Nicol, Clinton C., to W. H. Greene. Brace extension. 2,848,240, 8-19-58, Cl. 279-89.
- Nicolai Door Mfg. Co.: *See*—
Warwick, Charles H. 2,847,730.
- Nicolaisen, Bernard H., to Olin Mathieson Chemical Corp. Production of ethylene chlorohydrin. 2,830,095, 4-8-58, Cl. 260-634.
- Nicolaisen, Bernard H., and S. A. Riccardi, to Olin Mathieson Chemical Corp. Recovery of cyclohexanone oxime. 2,822,393, 2-4-58, Cl. 260-566.
- Nicolaisen, Bernard H., and C. J. Smith, Jr., to Olin Mathieson Chemical Corp. Distillation of unsymmetrical dimethylhydrazine. 2,858,254, 10-28-58, Cl. 202-51.
- Nicolaus, Bruno J. R.: *See*—
Merian, Ernest, Nicolaus, and Senn. 2,850,520.
Merian, Ernest, Nicolaus, and Wehrli. 2,831,850.
- Nicolaus, Bruno J. R., and E. Merian, to Sandoz A. G. Water-insoluble monoazo dyestuffs. 2,864,816, 12-16-58, Cl. 260-207.
- Nicolaus, Frank G., to American National Bank and Trust Co. of Chicago, executor of the estate of R. T. Moloney. Ratchet mechanism with inertia brake. 2,864,260, 12-16-58, Cl. 74-142.
- Nicolay, Karl, to Durkoppwerke Akt. Means for the lubrication of the raceways of rotating grippers of double quilt stitch sewing machines. 2,848,967, 8-26-58, Cl. 112-256.
- Nicolay, Karl, to Durkoppwerke Akt. Lock-stitch sewing machines. 2,854,936, 10-7-58, Cl. 112-164.
- Nicolet Industries, Inc.: *See*—
Duke, Edward T. 2,855,669.
- Nicoletti, Domenick: *See*—
Polis, Samuel, and Nicoletti. 2,827,538.
- Nicoli, Frank D.: *See*—
Peters, Rudolph. 2,834,494.

- Nicolin, Curt R. Improvements in a device for starting gas turbine plants. 2,822,665, 2-11-58, Cl. 60—39.14.
- Nicoll, Frank S., Jr. Horizontal sliding window unit. 2,859,492, 11-11-58, Cl. 20—52.2.
- Nicoll, Frederick H., to Radio Corp. of America. Spherical reflecting optical system having a non-planar correcting plate. 2,821,109, 1-28-58, Cl. 88—57.
- Nicoll, Frederick H., to Radio Corp. of America. Electroluminescent devices and systems. 2,855,531, 10-7-58, Cl. 313—108.
- Nicolle, Charles. Apparatus for dispensing fragile articles. 2,828,888, 4-1-58, Cl. 221—263.
- Niebauer, Kenneth L.: See—
Harm, Alson R., Ogg, and Niebauer. 2,858,395.
- Niebling, Karl F. J., and G. E. Rumscheidt, to Shell Development Co. Process for preparing dicarboxylic acids from oxides of cycloolefins. 2,848,490, 8-19-58, Cl. 260—537.
- Niebuhr, William F.: See—
Watters, Clarence J., and Niebuhr. 2,860,316.
- Nieburgs, Herbert E. Device for obtaining body cell specimens. 2,847,000, 8-12-58, Cl. 128—2.
- Niederer, Herbert O.: See—
Niederer, Otto C., O., and H. O. 2,843,250.
- Niederer, Otto: See—
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- Niederer, Otto C., O., and H. O. Egg handling mechanism. 2,843,250, 7-15-58, Cl. 198—30.
- Niederhauser, Warren D., to Rohm & Haas Co. Diquaternary ammonium salts of 2 amino ethyl 5 amino 3 pentenyl ether. 2,857,380, 10-21-58, Cl. 260—247.5.
- Niederhauser, Warren D., and E. J. Smialkowski, to Rohm & Haas Co. Benzyl ethers of alkylphenoxypolyethoxyethanol. 2,856,434, 10-14-58, Cl. 260—613.
- Niederman, Bernard, to Motorola, Inc. Filter. 2,859,416, 11-4-58, Cl. 333—72.
- Niederman, Henry. Air cooled engine exhaust valves. 2,819,704, 1-14-58, Cl. 123—41.17.
- Niederman, Henry. Self cooling filter cigarette. 2,827,903, 3-25-58, Cl. 131—10.
- Niederman, Sara C., and H. Braten. Protective book cover. 2,850,295, 9-2-58, Cl. 281—34.
- Niedermann, Ernst: See—
Berchold, Max, and Niedermann. 2,853,987.
- Niederost, Henry. Safety brake. 2,866,511, 12-30-58, Cl. 180—82.
- Niedzielski, Henry F. Service indicator. 2,823,277, 2-11-58, Cl. 200—56.
- Nield, Douglas. Electric insulators. 2,829,192, 4-1-58, Cl. 174—168.
- Nielsen, A. C. Co.: See—
Currey, Charles H., and Brown. 2,864,941.
- Krahulec, Fred. 2,838,359.
- Rahmel, Henry A. 2,855,993.
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- Nielsen, Albert T., to Newark Brush Co. Street sweeper brush and holder. 2,864,112, 12-16-58, Cl. 15—181.
- Nielsen, Alvin R.: See—
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- Nielsen, Alvin R., to Plax Corp. Coated synthetic resin container. 2,860,801, 11-18-58, Cl. 215—1.
- Nielsen, Axel L. Sump pump control. 2,834,845, 5-13-58, Cl. 200—81.5.
- Nielsen, Axel L. Sump pump system. 2,844,678, 7-22-58, Cl. 200—81.5.
- Nielsen, Erich R. Saw sharpener. 2,824,468, 2-25-58, Cl. 76—40.
- Nielsen, Erling J., and R. Reiter, to Lovens Kemiske Fabrik ved A. Kongsted. Esters and thioesters of penicillin and their production. 2,865,911, 12-23-58, Cl. 260—239.1.
- Nielsen, Fred E.: See—
Swenson, William E., and Nielsen. 2,838,940.
- Nielsen, Fridtjof G., to Great Lakes Dredge & Dock Co. Sheet piling wall structure. 2,865,180, 12-23-58, Cl. 61—49.
- Nielsen, Harold R.: See—
Dunning, Robert M., and Nielsen. 2,845,292.
- Nielsen, Harry, and C. H. Porth, to The Reuben H. Donnelley Corp. Spot printing and transfer mechanism. 2,845,861, 8-5-58, Cl. 101—232.
- Nielsen, Helmer B. Metal swing window stop. 2,818,609, 1-7-58, Cl. 20—52.
- Nielsen, James S., and R. A. Shannon, Jr., to Goodyear Aircraft Corp. Mold for forming multicurved sheet metal tank sections. 2,849,977, 9-2-58, Cl. 113—44.
- Nielsen, Jürgen T.: See—
Elming, Niels, Nielsen, and Clauson-Kaas. 2,839,539.
- Nielsen, Moritz H., to Illinois Tool Works. Article feeding mechanism. 2,859,647, 11-11-58, Cl. 80—8.
- Nielsen, Peter: See—
Taylor, Ernest W., Jr., and Nielsen. 2,827,772.
- Nielson, Carl A.: See—
Fram, Paul, Nielson, and Leonard. 2,820,718.
- Nieman, Chauncy W., and J. B. Lawrence, to Bethlehem Apparatus Co., Inc. Glassware lathe. 2,818,683, 1-7-58, Cl. 49—7.
- Niemand, Emil: See—
Lux, Paul A., and Niemand. 2,837,621.
- Niemand, Emil, to The Lux Clock Mfg. Co., Inc. Timer mechanism. 2,864,443, 12-16-58, Cl. 161—15.
- Niemann, Robert A.: See—
Bartels, Fred L., Niemann, and Rowe. 2,829,733.
- Niemeyer, Edgar W., to ACF Industries, Inc. Cam and follower mechanism. 2,829,540, 4-8-58, Cl. 74—569.
- Niemitz, Gerhard, to Kennedy-Van Saun Mfg. & Eng. Corp. Suspension type heat exchanger for finely divided solids. 2,824,384, 2-25-58, Cl. 34—56.
- Niemitz, Gerhard, to Kennedy-Van Saun Mfg. & Eng. Corp. Rotary feed and distributor valves and operating mechanism therefor. 2,824,670, 2-25-58, Cl. 222—76.
- Niemitz, Gerhard, to Kennedy Van Saun Mfg. & Eng. Corp. Method of firing rotary kilns and gas burner therefor. 2,857,148, 10-21-58, Cl. 263—33.
- Niems, Lee H., to Marblehead Lime Co. Apparatus for cooling and calcining. 2,858,123, 10-28-58, Cl. 263—32.
- Nienburg, Raymond E., to International Business Machines Corp. Electronic ring circuit. 2,848,608, 8-19-58, Cl. 250—27.
- Nienhuis, Willem F.: See—
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- Niepmann, Friedrich. Machine for making cartridge. 2,822,718, 2-11-58, Cl. 86—20.
- Nierenberg, Louis: See—
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- Nierhaus, Henry, to Stoffel Seals Corp. Seal structures. 2,861,833, 11-25-58, Cl. 292—322.
- Nies, Nelson P., E. W. Fajans, L. L. Thomas, L. E. Hiebert, and V. Morgan, to United States Borax & Chemical Corp. Electrolytic production of elemental boron. 2,832,730, 4-29-58, Cl. 204—60.
- Nies, Wolfgang: See—
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- Niesemann, Fritz, to Rockwell Mfg. Co. Valve. 2,834,378, 5-13-58, Cl. 137—630.15.
- Niesen, George P.: See—
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- Niess, Anton, to Daimler-Benz Aktiengesellschaft. Packing for valves of internal combustion engines. 2,822,796, 2-11-58, Cl. 123—188.
- Niessen, Paul F., to Victor Mfg. & Gasket Co. Sealing device. 2,826,441, 3-11-58, Cl. 288—13.
- Nieswaag, Johannes, and H. J. Smits, to North American Philips Co., Inc. High voltage transformer. 2,844,761, 7-22-58, Cl. 315—105.
- Nietert, Richard L.: See—
Long, Paul J., Jr., and Nietert. 2,844,226.
- Nieth, Willard F., to Photogrammetry, Inc. Camera-projector-enlarger. 2,827,833, 3-25-58, Cl. 88—24.
- Nieva, Ferdinand S., to The People of Puerto Rico. Method of processing and canning pigeon peas and the like. 2,821,482, 1-28-58, Cl. 99—186.
- Nighthart, George E., to Sutton Engineering Co. Apparatus for correcting the contour of extruded or rolled sections. 2,843,178, 7-15-58, Cl. 153—54.
- Nightingale, George C.: See—
Nightingale, William J. 2,842,375.
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- Nigon, Joseph P., to Callery Chemical Co. Preparation of magnesium borohydride. 2,852,335, 9-16-58, Cl. 23—14.
- Nigon, Joseph P., to Callery Chemical Co. Preparation of tetaborane. 2,864,754, 12-16-58, Cl. 204—164.
- Nihlen, Arvid C. K.: See—
Brown, John W., Jr., and Nihlen. 2,826,672.
- Brown, John W., III, and Nihlen. 2,857,961.
- Nika, Claire M.: See—
Nika, Louis and C. M. 2,850,744.
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- Nikazy, Walter A.: See—
Thurston, Ernest B., and Nikazy. 2,826,751.
- Nikazy, Walter A., to Toledo Scale Corp. Traffic adjusted standing time control. 2,838,136, 6-10-58, Cl. 187—29.
- Nikazy, Walter A., and P. F. De Lamater, to Toledo Scale Corp. Elevator control. 2,862,576, 12-5-58, Cl. 187—29.
- Nikkel, Benjamin L. Forage cutter and blower. 2,857,946, 10-28-58, Cl. 146—107.
- Niklas, Wilfrid F., to Columbia Broadcasting System, Inc. High resolution image cathode ray tube system. 2,839,703, 6-17-58, Cl. 315—15.
- Niklas, Wilfrid F. K. J.: See—
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- Niles, Allen W., to United States of America, Navy. Mercurial manometer. 2,856,775, 10-21-58, Cl. 73—398.
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- Nilsson, Einar W. Flying shear and drive mechanism therefor. 2,829,713, 4-8-58, Cl. 164-49.
- Nilsson, Erland, to Allmänna Svenska Elektriska Aktiebolaget. Device for stacking series-connected impedance units. 2,862,153, 11-25-58, Cl. 317-99.
- Nilsson, Gustav O., and L.-E. Ljungströmer, to Nyby Bruks Aktiebolag. Arrangement for the parking of motor-cars. 2,843,087, 8-5-58, Cl. 214-16.1.
- Nilsson, Gunnar, O. Bredberg, and B. I. Karlsson, to Trafik- & Vagmarken AB. Feed apparatuses for spreading granular material. 2,851,175, 9-9-58, Cl. 214-83.3.
- Nilsson, Hans R., to Svenska Rotor Maskiner Aktiebolag. Rotary device. 2,847,157, 8-12-58, Cl. 230-143.
- Nilsson, Hans R., to Svenska Rotor Maskiner Aktiebolag. Rotary devices and casing structures therefor. 2,849,988, 9-2-58, Cl. 121-70.
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- Nilsson, Nils E., to Telefonaktiebolaget L M Ericsson. Device for waiting within automatic telephone exchanges. 2,819,345, 1-7-58, Cl. 179-18.
- Nilsson, Nils E., G. O. Rodnert, and J. C. H. Bjork, to Telefonaktiebolaget L M Ericsson. Selector systems. 2,862,058, 11-25-58, Cl. 179-17.
- Nims, Creon H. Hoist and towing equipment. 2,818,984, 1-7-58, Cl. 214-86.
- Ninneman, Clarence D.: *See*—
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- Nippos Corp.: *See*—
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- Nipken, Walter. Depth control attachment for a drill or the like. 2,823,563, 2-18-58, Cl. 77-55.
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Ishikawa, Yoshioki, Sasaki, and Sato. 2,836,776.
- Nippon Kozaku K. K.: *See*—
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Murakami, Saburo. 2,828,671.
- Nippon Light Metal Co., Ltd.: *See*—
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- Nippon Sewing Machine Mfg. Co., Ltd.: *See*—
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- Nippon Soda Co. Ltd.: *See*—
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- Nirmaier, Earle A., and J. B. Wagstaff, to United States Steel Corp. Nozzle for teeming vessel. 2,866,241, 12-30-58, Cl. 22-85.
- Niro Corp.: *See*—
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- Nisbet, James D., to Universal-Cyclops Steel Corp. Molybdenum-base alloy. 2,850,385, 9-2-58, Cl. 75-176.
- Nisbet, John L. Rotary pump and motor hydraulic transmission. 2,840,991, 7-1-58, Cl. 60-53.
- Nisbet, John L. Apparatus for harvesting grass seed. 2,853,844, 9-30-58, Cl. 56-126.
- Nischan, Carl E. W. Spades. 2,833,585, 5-6-58, Cl. 294-51.
- Nischk, Gunther: *See*—
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- Nischk, Günther, K. E. Müller, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Adhesive composition and process of bonding therewith. 2,824,821, 2-25-58, Cl. 154-140.
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- Nisenson, Stanley M. Universal circle divider. 2,836,892, 6-3-58, Cl. 33-1.
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- Nishimura, Katsuji. Thread twisting machine. 2,834,179, 5-13-58, Cl. 57-59.
- Nishioka, Jim Z. Polishing device. 2,844,834, 7-29-58, Cl. 15-99.
- Nishiyama, Ryuzo: *See*—
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- Nishkian, Martin A.: *See*—
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- Nissan, Alfred H.: *See*—
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- Nissel, Urban L., and C. A. Brnee, Jr., to Circuit Mfg. Co., Inc. Picture tube restorer. 2,828,446, 3-25-58, Cl. 315-51.
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- Nitchman, Joseph H. Alarm device. 2,840,033, 6-24-58, Cl. 116-112.
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- Nivison, Wade S.: *See*—
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- Nix, George J., to Halliburton Oil Well Cementing Co. Remote control valve assembly. 2,829,670, 4-8-58, Cl. 137-628.
- Nix, Sydney J., Jr., to E. I. du Pont de Nemours and Co. Process for stabilizing styrenesulfonate solutions. 2,822,386, 2-4-58, Cl. 260-505.
- Nix, Thomas B.: *See*—
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- Nixon, Alan C., C. H. Deal, Jr., and R. A. Wilson, to Shell Development Co. Separation of organic compounds. 2,835,714, 5-20-58, Cl. 260-674.
- Nixon, Blair N., to General Motors Corp. Access door for vehicle fuel inlet. 2,865,653, 12-23-58, Cl. 280-152.
- Nixon, Cleveland F.: *See*—
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- Nixon, Edith M.: *See*—
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- Nixon, Ian S.: *See*—
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- Nixon, John D.: *See*—
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- Noberst, Albert. Hanger for curtains, draperies and accessories. 2,822,042, 2-4-58, Cl. 160-111.
- Nobile, Arthur, to Schering Corp. Process for production of dienes by corynebacteria. 2,837,464, 6-3-58, Cl. 195-51.
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- Noble, Aubrey E., and C. F. Anness, Jr., to Catalin Corp. of America. Rotary type machine for granulating polystyrene pellets. 2,841,341, 7-1-58, Cl. 241-243.
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- Noble, Burton A., and W. W. Wolford, to Owens-Illinois Glass Co. Glass container inspecting mechanism. 2,857,038, 10-21-58, Cl. 198-33.
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- Noble, Edward D.: See—
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- Noble, Joseph L., to Ionics, Inc. Photographic emulsion purification. 2,827,428, 3-18-58, Cl. 204-180.
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- Nobles, Charles E., to United States of America, Navy. Aircraft windshield projection system. 2,852,974, 9-23-58, Cl. 88-1.
- Nobles, Daniel, and N. L. Meyerson, to Worthington Corp. Means for reducing acoustical energy in a fluid translating system. 2,840,180, 6-24-58, Cl. 181-42.
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- Nobles, Warren H. 2,866,531.
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- Noblitt, Harvey L. Method of recovering white mica. 2,857,051, 10-21-58, Cl. 209-167.
- Nobuo, Yokota, to Shikoku Kasei Kogyo Co., Ltd. Reaction furnace for producing carbon disulphide. 2,859,101, 11-4-58, Cl. 23-277.
- Nocek, Stanley J.: See—
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- Noek, Charles E. Article handling table with revolving perforated drum. 2,865,508, 12-23-58, Cl. 210-152.
- Noek, James L., and H. Weatherall, to Painter Brothers Ltd. Structural tubes and similar elements. 2,827,315, 3-18-58, Cl. 287-20.2.
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- Noddin, George A.: See—
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- Noddings, Charles R.: See—
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- Nodiff, Edward A.: See—
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- Noe, Harold C., to Kidde Mfg. Co., Inc. Tension device 2,823,874, 2-18-58, Cl. 242-134.
- Noe, Oskar: See—
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- Noe, William J.: See—
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- Noel, Eugene M. Continuous griddle. 2,859,713, 11-11-58, Cl. 107-57.
- Noel, George F. Means for cold permanent waving of hair. 2,835,258, 5-20-58, Cl. 132-33.
- Noel, Vernon E., and R. G. Weyant, to B & N Aluminum Welding Corp. Door construction. 2,818,946, 1-7-58, Cl. 189-46.
- Noell, William. Garden tool. 2,839,982, 6-24-58, Cl. 97-68.
- Noether, Herman D., to Celanese Corp. of America. Production of haloacids. 2,844,627, 7-22-58, Cl. 260-539.
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- Noguera, Joseph, to Casablancas High Draft Co. Ltd. Drafting mechanisms for textile fibres. 2,850,770, 9-9-58, Cl. 19-135.
- Nohejl, Thomas C., to National Aluminate Corp. Adherence treatment of metal surfaces. 2,824,526, 2-25-58, Cl. 104-1.
- Nohelty, William T.: See—
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- Nohr, Julius J. Rural mail delivery and collection device. 2,819,684, 1-14-58, Cl. 104-149.
- Nolzeux, Pedro J., to Radio Corp. of America. Automatic power reducer for transmitters. 2,844,712, 7-22-58, Cl. 250-17.
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- Nokes, Clarence. Venetian blind restrainer. 2,836,882, 6-3-58, Cl. 29-241.
- Nokes, Philip E., C. E. Rogers, Jr., and H. E. Dow, to United Shoe Machinery Corp. Heat blowers. 2,819,378, 1-7-58, Cl. 219-39.
- Nokleby, Ragnar, and H. Stenberg, to Elektrokemisk A/S. Device for adjustment of anode bolts in electrolysis furnaces. 2,855,239, 10-7-58, Cl. 294-86.
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Merritt, Glenn W. 2,829,604.
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- Nolan, John J., to International Business Machines Corp. Card photographing machine. 2,849,916, 9-2-58, Cl. 88-24.
- Nolan, Kenneth G., and W. B. Hardy, to American Cyanamid Co. Fungicidal compositions containing aryl dihalo triazines. 2,822,313, 2-4-58, Cl. 167-33.
- Nolan, William D. Shampoo, massage and solution applying device. 2,854,969, 10-7-58, Cl. 128-65.
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- Noland, Robert A.: See—
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- Noland, Robert A., and C. Marzano, to United States of America, Atomic Energy Commission. Fuel elements and method of making. 2,848,352, 8-19-58, Cl. 117-65.
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- Noland, Wayne B., to Woodford Hydrant Co. Portable loading dock plates. 2,829,390, 4-8-58, Cl. 14-72.
- Nolde, Arnold: See—
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- Nolde, George V., and H. T. Avery, to Marchant Calculators, Inc. Readout and radix conversion from a mechanical register to a capacitive storage. 2,822,130, 2-4-58, Cl. 235-61.
- Nolden, William F., and C. F. Robbins, to Cutler-Hammer, Inc. Pushbutton operating means for electric switches. 2,836,666, 5-27-58, Cl. 200-5.
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- Nolf, Clement A., to Aluminum Co. of America. Spiral extrusion. 2,859,869, 11-11-58, Cl. 207-5.
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- Nolt, Edwin B., and R. R. Eby, to Sperry Rand Corp. Hay balers. 2,822,749, 2-11-58, Cl. 100-23.
- Nolt, Edwin B., to New Holland Machine Division of Sperry Rand Corp. Method of baling. 2,859,688, 11-11-58, Cl. 100-42.
- Nomine, Gerard: See—
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- Nomsen, Richard C. Boat hoist. 2,829,781, 4-8-58, Cl. 214-1.
- Nomura, Ryutaro. Portable pools. 2,839,762, 6-24-58, Cl. 4-172.
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- Nonnamaker, William M.: See—
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- Nonnenmacher, Helmut: See—
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- Noodleman, Samuel, to L. R. Mahrt and D. R. Laughter, as trustees for The Standard Dayton Corp. Motor control. 2,828,457, 3-25-58, Cl. 318-211.
- Noofin, Augustus Y., Jr., and L. A. Brittingham, to Cluett, Peabody & Co., Inc. Collar support. 2,822,114, 2-4-58, Cl. 223-83.
- Noon, Alonzo W. Sheet-separating device. 2,819,075, 1-7-58, Cl. 271-26.
- Noon, Alonzo W., to General Electric Co. Two-shoe brake operating linkage. 2,830,682, 4-15-58, Cl. 188-171.
- Noon, Harry R., to The British Thomson-Houston Co. Ltd. Electric rectifiers employing semi-conductors. 2,852,722, 9-16-58, Cl. 317-234.
- Noon Ivor G. Bottle. 2,865,384, 12-23-58, Cl. 132-73.
- Noonan, Charles B.: See—
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- Noone, William H.: See—
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Shott, John H., III, Lighthipe, and Ward. 2,849,405.
- Nopp, Heinz, and K. Wernick, to International Standard Electric Corp. Circuit arrangement for loudspeaker telephone systems. 2,820,096, 1-14-58, Cl. 179-1.
- Norbom, Ragnar A., to D. N. Finnie, d. b. a. David N. Finnie Associates. Container transfer apparatus. 2,834,495, 5-13-58, Cl. 214-16.
- Norbury, Eric. Device for lifting bales or the like. 2,838,189, 6-10-58, Cl. 214-147.
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- Norby, Harold L., and B. E. Jones, to Pullman-Standard Car Mfg. Co. Railway sleeping car bed latch. 2,843,059, 7-15-58, Cl. 105-317.
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- Norcross, John H., to International Business Machines Corp. Centrifugal tab governor. 2,829,754, 4-8-58, Cl. 197-64.
- Nord, Eric T., and S. Rosen, to U. S. Automatic Corp. Automatic stairway elevator. 2,824,623, 2-25-58, Cl. 187-12.
- Nord, Gustav J. Method of recovering chlorophyll. 2,827,454, 3-18-58, Cl. 260-210.5.
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- Nord, Sven G. Dishwashing machines. 2,852,030, 9-16-58, Cl. 134-179.
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- Nordberg Mfg. Co.: *See*—
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- Nordblom, George F.: *See*—
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- Nordgren, Sven-Ake: *See*—
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- Nordenson, Willard H., and A. E. Park, to Deere Mfg. Co. Internal-combustion engine. 2,844,130, 7-22-58, Cl. 123-41.82.
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- Nordlin, Henry G.: *See*—
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- Nordmark, Walter E., to American Seating Co. Adjustable tilt top table. 2,843,226, 7-15-58, Cl. 188-67.
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- Noren, Tore H.: *See*—
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- Norin, Allan A., to Geo. J. Meyer Mfg. Co. Conveyor apparatus and drive therefor. 2,853,179, 9-23-58, Cl. 198-203.
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- Norman, Harry H., and H. B. Sklar, to Zig Zag Spring Co. Bulk roll of zigzag spring wire and method of making same. 2,839,187, 6-17-58, Cl. 206-59.
- Norman, Joseph W., to Smith and Wesson Inc. Automatic firearm with breech block operated disconnector. 2,846,925, 8-12-58, Cl. 89-145.

- Norman, Noel E., and R. W. Maddern, to Australian Paper Mfrs. Ltd. Method and apparatus for removing sample or test pieces from travelling sheet material. 2,853,133, 9-23-58, Cl. 164-17.
- Norman, Oscar L.: *See*—
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- Norman Products Co.: *See*—
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- Norman, Wayne A., to Carr, Adams & Collier Co. Window frame construction. 2,866,234, 12-30-58, Cl. 20-11.
- Normandin, Robert F. Wedge type clamp. 2,866,249, 12-30-58, Cl. 24-263.
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- Normont, Robert T., to Columbia Appliance Corp. Method of and means for distilling or reclaiming. 2,832,726, 4-29-58, Cl. 202-181.
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- Norrie, Robert C., to Pacific Car and Foundry Co. Front end spring suspension for heavy-duty trucks. 2,861,797, 11-25-58, Cl. 267-30.
- Norrie, Robert C., and W. M. Brown, to Pacific Car and Foundry Co. Spring suspension. 2,831,675, 4-22-58, Cl. 267-56.
- Norrie, Robert C., and W. M. Brown, to Pacific Car and Foundry Co. Truck-and-trailer assembly. 2,831,701, 4-22-58, Cl. 280-8.15.
- Norrie, Robert C., and G. Kramer, to Pacific Car and Foundry Co. Cab-beside-engine vehicle. 2,845,133, 7-29-58, Cl. 180-69.
- Norris, Amos B. L., and H. T. Ehrlich, 4 to D. Marten. Mud pump piston rod wearing sleeve. 2,851,903, 9-16-58, Cl. 74-579.
- Norris, Bevitt J., and M. L. McCrea, to International Telephone and Telegraph Corp. Voltage regulators. 2,858,498, 10-28-58, Cl. 321-18.
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- Norris, Edward O. Apparatus for spraying the interior of hollow articles. 2,827,009, 3-18-58, Cl. 118-3.
- Norris, Edward O. Method and apparatus for spraying articles including separation and recirculation of coating material. 2,848,353, 8-19-58, Cl. 117-102.
- Norris, Edward O. Spraying apparatus. 2,854,946, 10-7-58, Cl. 118-324.
- Norris, Harold W. Holder for clamping compressed gas bottles on trailers. 2,837,217, 6-3-58, Cl. 211-74.
- Norris, Harold W. Rack for holding fuel gas bottles. 2,862,625, 12-2-58, Cl. 211-74.
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- Norris, Karl H., and A. W. Brant. Egg separating machine. 2,833,408, 5-6-58, Cl. 209-111.
- Norris, Mark G., Jr., to The Dow Chemical Co. Nematode-control compositions of a,a'-dichloro-p-xylene and methods of using. 2,826,531, 3-11-58, Cl. 167-53.
- Norris, Sam B., Jr.: *See*—
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- Norris, Willard I. Key controlled switch box for electrical appliances. 2,856,474, 10-14-58, Cl. 200-44.
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- North, Clarence E., to Remington Arms Co., Inc. Cartridge breakdown machine. 2,824,482, 2-25-58, Cl. 86-1.
- North, Donald O., to Medtronic. X-ray apparatus. 2,825,817, 3-4-58, Cl. 250-105.
- North, Edwin W., and F. L. Erickson, to National Lock Co. Privacy door lock assembly. 2,829,913, 4-8-58, Cl. 292-169.
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- North, Howard C., to Esso Research and Engineering Co. Grid support for fluidized solids vessels. 2,836,902, 6-3-58, Cl. 34-57.
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- Northcraft, Richard D., to E. I. du Pont de Nemours and Co. Method of defoliating plants. 2,825,640, 3-4-58, Cl. 71-2.7.
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- Norton, Douglas G., and F. C. Davis, to Shell Development Co. Process for producing alkylated phenols. 2,841,622, 7-1-58, Cl. 260—624.
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- Norton, Harlan K. Automatic crankcase oil level maintainer pump. 2,836,259, 5-27-58, Cl. 184—103.
- Norton, James A., to General Motors Corp. Apparatus for fabrication of perforated tubes. 2,834,983, 5-20-58, Cl. 18—14.
- Norton, James A., to General Motors Corp. Apparatus and method for corrugating resin-impregnated sheet material. 2,862,542, 12-2-58, Cl. 154—30.
- Norton, James F., to General Electric Co. Data analyzing equipment. 2,834,888, 5-13-58, Cl. 250—41.9.
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- Norton, Kenneth R. Light condition indicator for vehicles. 2,841,780, 7-1-58, Cl. 340—252.
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- Norton, Neville G., Sr., to Norton's Inc. Upwardly slicing potato cutter. 2,853,109, 9-23-58, Cl. 146—78.
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- Norton, Robert K., to Harris-Intertype Corp. Speed control for printing press. 2,824,457, 2-25-58, Cl. 74—230.17.
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- Norton, Robert L., to Penta Laboratories, Inc. Anode structure. 2,848,636, 8-19-58, Cl. 313—40.
- Norton, Samuel H., to Thompson Products, Inc. Valve rotating device. 2,827,029, 3-18-58, Cl. 123—90.
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- Norton, William H., to Thermochem, Inc. Heating unit. 2,820,133, 1-14-58, Cl. 219—38.
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- Norwood, Donald W. Illumination-quality indicator. 2,834,193, 9-30-58, Cl. 235—64.7.
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- Norwood, Samuel L., and T. W. Sauls, to Tennessee Corp. Processes for producing anhydrous aromatic sulfonic acids with low sulfone content and the products thereof. 2,831,020, 4-15-58, Cl. 260—505.
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- Nottelmann, John F., and C. E. Spaeder, to General Electric Co. Brush holder clamping arrangement. 2,840,732, 6-24-58, Cl. 310—239.
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- Notter, George K., to United States of America, Agriculture. Packaging of dehydrated foods. 2,838,403, 6-10-58, Cl. 99—171.
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- Notz, Gottlieb. Apparatus for providing roads and the like with guide stripes. 2,831,728, 4-22-58, Cl. 299—28.5.
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- Novacek, John F.: *See*—
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- Novack, Lawrence. Traverse track for clothes closets. 2,864,513, 12-16-58, Cl. 211-162.
- Novak, Donald A., and F. M. Carroll. to International Business Machines Corp. Flight scoring punch. 2,854,077, 9-30-58, Cl. 164-89.
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- Novak, Leo J., to The Commonwealth Engineering Co. of Ohio. Plastic materials comprising dextran and method of preparation. 2,823,188, 2-11-58, Cl. 260-9.
- Novak, Leo J., to The Commonwealth Engineering Co. of Ohio. Continuous gas plating apparatus under vacuum seal. 2,853,970, 9-30-58, Cl. 118-49.
- Novak, Leo J., to The Commonwealth Engineering Co. of Ohio. Centrifugal stratifier with plural filter means. 2,854,143, 9-30-58, Cl. 210-335.
- Novak, Leo J., to The Commonwealth Engineering Co. of Ohio. Pressure sensitive adhesive article containing dextran. 2,855,925, 10-14-58, Cl. 128-156.
- Novak, Leo J., to The Commonwealth Engineering Co. of Ohio. Carboxymethyl dextran-iron complexes. 2,856,398, 10-14-58, Cl. 260-209.
- Novak, Leo J., and E. E. Witt, to The Commonwealth Engineering Co. of Ohio. Soil conditioning and fertilizing. 2,826,002, 3-11-58, Cl. 47-1.
- Novak, Leo J., and G. S. Stoycos, to The Commonwealth Engineering Co. of Ohio. Method of producing clinical dextran. 2,841,578, 7-1-58, Cl. 260-209.
- Novak, Leo J., and J. J. Bulloff, to The Commonwealth Engineering Co. of Ohio. Stable alkaline metal solutions containing carboxymethyl dextran. 2,856,366, 10-14-58, Cl. 252-363.5.
- Novak, Leo J., and E. P. Wenzelberger, to Midland Chemical Corp. Latex containing carboxymethyl dextran. 2,856,372, 10-14-58, Cl. 260-17.4.
- Novak, Leo J., and H. J. Homer, to The Commonwealth Engineering Co. of Ohio. Gas plating using nitrous oxide. 2,859,132, 11-4-58, Cl. 117-107.
- Novak, Lewis F. Cartridge resizer. 2,825,259, 3-4-58, Cl. 86-23.
- Novak, Philip F., to Boeing Airplane Co. Aerial tensioning and automatic disconnect unit. 2,823,379, 2-11-58, Cl. 343-707.
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- Novak, Warren D., to General Precision Laboratory Inc. Punch press. 2,855,999, 10-14-58, Cl. 164-114.
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- November, Milton H., to Breeze Corp., Inc. High pressure convoluted metal hose. 2,823,702, 2-18-58, Cl. 138-50.
- November, Milton H., to Breeze Corp., Inc. Flexible tube assemblies. 2,832,374, 4-29-58, Cl. 138-50.
- Novesky, Anthony B. Thermostatic exhaust pressure regulator. 2,833,479, 5-6-58, Cl. 236-99.
- Noviant, Paul G. Thread gages having feelers adapted for quick calibration. 2,826,822, 3-18-58, Cl. 33-199.
- Novick, Abraham, to F. L. Smithe Machine Co., Inc. Blank individualizing mechanism for envelope making machines. 2,830,508, 4-15-58, Cl. 93-62.
- Novinger, Cecil E., and T. F. Novak, to Danly Machine Specialties, Inc. Punching and assembling device. 2,864,087, 12-16-58, Cl. 1-260.
- Novkov, Raymond E., to Manchester Machine & Tool Co. Cutoff tool and holder therefor. 2,846,756, 8-12-58, Cl. 29-96.
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- Novotny, Antonin. Method and apparatus for determining the surface tension and viscosity of molten substances. 2,846,870, 8-12-58, Cl. 73-15.
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- Nowak, Roger L. Milk bottle cap. 2,851,203, 9-9-58, Cl. 222-543.
- Nowak, Rudolf, and E. Hasse. Treating metal surfaces. 2,856,312, 10-14-58, Cl. 117-50.
- Nowak, Theodore J., to Union Oil Co. of California. Hydraulic fracturing and selective plugging of subterranean formations. 2,827,121, 3-18-58, Cl. 166-22.
- Nowell, Richard A., and B. M. Ikenberry, to Metacraft Products Co. Sofa bed. 2,818,583, 1-7-58, Cl. 5-13.
- Nowlin, Gene, and H. D. Lyons, to Phillips Petroleum Co. Process and catalyst for production of olefin polymers. 2,827,447, 3-18-58, Cl. 260-94.9.
- Nowlin, Gene, and H. D. Lyons, to Phillips Petroleum Co. Process and catalyst for production of olefin polymers. 2,832,759, 4-29-58, Cl. 260-94.9.
- Nowlin, Gene, and H. D. Lyons, to Phillips Petroleum Co. Preparation of organometallic halides. 2,852,544, 9-16-58, Cl. 260-418.
- Noxon, Paul A., to Bendix Aviation Corp. Thermal integrator. 2,834,935, 5-13-58, Cl. 323-69.
- Noxon, Paul A., A. M. MacCallum, and N. B. Murphy, to Bendix Aviation Corp. Automatic pilot. 2,838,258, 6-10-58, Cl. 244-77.
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- Noyes, Harry W. Walker doll and carriage toy. 2,827,733, 3-25-58, Cl. 46-116.
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- Noyes, Hazlehurst R., and F. H. Legge, to Aerol Co., Inc. Self-adjusting floor brake. 2,832,438, 4-29-58, Cl. 188-5.
- Noyes, Hazlehurst R., and M. E. Ross, to T. S. Holmes. Floor lock. 2,847,092, 8-12-58, Cl. 188-5.
- Noyes, Hiland B., to H. B. Noyes, and E. E. Fies, doing business as Noyes and Fies. Currency dispensing apparatus. 2,840,265, 6-24-58, Cl. 221-9.
- Noyes, Trigg: *See*—
Haanstra, John W., Stevens, Noyes, and Johnson. 2,866,179.
- Nozaki, Hiroshi: *See*—
Tokumoto, Shin-Ichi, Tanaka, Nishiyama, Mizushima, Nozaki, Taguti, and Matsui. 2,854,392.
- Nozaki, Kenzie: *See*—
Johnson, Oliver, and Nozaki. 2,834,740.
- Nozaki, Kenzie, to Shell Development Co. Method for conducting free atom and free radical chain reactions. 2,852,565, 9-16-58, Cl. 260-609.
- Nozal, Joseph. Fishing lure. 2,837,859, 6-10-58, Cl. 43-42.33.
- Nozawa, Yoshikuni, to Kabushiki Kaisha Sankyo Seiki Seisakusho. Stopping mechanism for a music-box. 2,836,260, 5-27-58, Cl. 185-39.
- Nozell, Anthony V. Dry fertilizer injector. 2,860,586, 11-18-58, Cl. 111-92.
- Nsu Werke Akt.: *See*—
Paschke, Hanns-Dieter, and Droschel. 2,852,014.
- Nuari, Ulisse: *See*—
Vanzo, Marcello, Giletta, and Nuara. 2,828,797.
- Nubel, Robert C.: *See*—
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- Nubling, Otto, to Firma Theodor Klatte. Bearing arrangement for hydraulic apparatus. 2,833,223, 5-6-58, Cl. 103-126.
- Nübling, Otto, to Hanomag Akt. Rotary piston machine. 2,866,417, 12-30-58, Cl. 103-126.
- Nuchka, Henry R.: *See*—
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- Nuckols, Edgar R.: *See*—
Hill, James M., and Nuckols. 2,846,906.
- Nuclear-Chicago Corp.: *See*—
Ball, Russell M., and Buntaine. 2,828,468.
Davidon, William C. 2,829,270.
Hinspater, Emil W., and Oppelt. 2,846,659.
Meeder, Raymond L. 2,843,753.
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Morganstern, Kennard H. Re. 2,844.
Morganstern, Kennard H. 2,822,776.
- Nuding, Anton, to General Machine Co., Inc. Cut-off tool. 2,836,240, 5-27-58, Cl. 164-36.
- Nuebel, Gottlieb. Window construction. 2,831,220, 4-22-58, Cl. 20-42.
- Nuerwell, Frederick W. Revolving sleeve rotary vane pump. 2,841,090, 7-1-58, Cl. 103-140.
- Nu-Flo Products, Inc.: *See*—
Mason, Lindon D. 2,834,426.
- Nugent, Corliss D. Replaceable filter elements. 2,855,105, 10-7-58, Cl. 210-457.
- Nugent, Erin. Gun-type toothbrush. 2,828,504, 4-1-58, Cl. 15-184.
- Nugent, John B., to United States of America, Navy. Slip ring assembly. 2,854,647, 9-30-58, Cl. 339-5.
- Nucent, Ralph E. Selective control device for stabilized inert gas shielded arc welding systems. 2,838,654, 6-10-58, Cl. 219-130.
- Nu Jett Products Corp.: *See*—
Shada, Joseph J. 2,857,983.
- Nu-Lite Neon Co.: *See*—
Pugh, Joe S. 2,847,973.
- NuII, Clement R. Auxiliary wheel. 2,863,703, 12-9-58, Cl. 301-38.
- Nummy, William R., to The Dow Chemical Co. Process for making polysulfide liquid polymers. 2,866,776, 12-30-58, Cl. 260-79.
- Nunley, Cyril P.: *See*—
Musselman, John M., and Nunley. 2,824,066.

- Nunn, Ewing D., to Northern Signal Co., Inc. Electric fence controller. 2,853,635, 9-23-58, Cl. 307-132.
- Nunn, Leslie G.: *See*—
Mayhew, Raymond L., and Nunn. 2,845,380.
- Nunninghoff, Heinrich, to The Babcock & Wilcox Co. Vapor generating and superheating unit with an integral superheater having radiant and convection sections. 2,845,049, 7-29-58, Cl. 122-478.
- Nurkiewicz, Ignatius, to Stop-Fire, Inc. Combination nozzle. 2,823,076, 2-11-58, Cl. 299-129.
- Nurmse, Karl, to Aktiebolaget Urfabriken. Means for removably mounting a member on a shaft. 2,865,662, 12-23-58, Cl. 287-53.
- Nuss, William. Floating nut and two-part retainer therefor. 2,827,097, 3-18-58, Cl. 151-41.73.
- Nussbaumer, Hubert: *See*—
Straub, Hermann W., and Nussbaumer. 2,851,138.
- Nussbaumer, Max. Folding umbrella. 2,827,066, 3-18-58, Cl. 135-20.
- Nusser, Otto, Jr. Flexible pipe. 2,823,703, 2-18-58, Cl. 138-52.
- Nute, Jay H., to The Patent and Licensing Corp. Chick shipping container. 2,834,530, 5-13-58, Cl. 229-6.
- Nutone, Inc.: *See*—
Bladh, Elmer H. 2,819,331.
Christy, James W. 2,820,913.
Christy, James W., and McEvoy. 2,844,680.
Spears, Walter A. 2,842,307.
Spears, Walter A. 2,856,836.
- Nutt, Harold, to Borg-Warner Corp. Variable speed fan drive. 2,837,069, 6-5-58, Cl. 123-41.12.
- Nuttall, James K. L.: *See*—
Wynne, Hubert C., and Nuttall. 2,826,868.
- Nutter, George H., to United Aircraft Corp. Spherical shell closure. 2,834,501, 5-13-58, Cl. 220-4.
- Nutter, Irvin E. Trusses for supporting section removable trays used in refining towers and the like. 2,836,406, 5-27-58, Cl. 261-114.
- Nutter, Waldo E. Static electricity grounding device. 2,858,482, 10-28-58, Cl. 317-2.
- Nutting, Arthur, to American Air Filter Co., Inc. Corrugated web filter. 2,857,017, 10-21-58, Cl. 183-71.
- Nutting, Earle M. Methods and means improving conveying and size segregation during crushing. 2,865,570, 12-23-58, Cl. 241-24.
- Nutting, Lee, to Hills Bros. Coffee, Inc. Coffee concentrate and process of producing same. 2,853,387, 9-23-58, Cl. 99-71.
- Nutting, Leslie J. Safety apparatus of the barrier type. 2,824,719, 2-25-58, Cl. 256-64.
- Nutting, Robert G., and R. F. Windstrup, to United States of America, Army, Rammer. 2,836,106, 5-27-58, Cl. 89-33.
- Nutting, Robert G., and H. M. Fernini, to United States of America, Army. Oscillating feed tray in a ramming device for a gun. 2,849,924, 9-2-58, Cl. 89-33.
- Nuttman, John H. Cultivator disk grinding apparatus. 2,847,803, 8-19-58, Cl. 51-173.
- Nutty, William A. Ice cream stick machine. 2,866,420, 12-30-58, Cl. 107-1.
- Nuut, August, to Hycon Mfg. Co. High input impedance transistor amplifier. 2,852,625, 9-16-58, Cl. 179-171.
- Nuut, August, to United States of America, Atomic Energy Commission. Phase modulator. 2,853,680, 9-23-58, Cl. 332-16.
- Nyberg, Harald T.: *See*—
Roggentin, John A. 2,853,216.
- Nyblom, Carl E., to Abell-Howe Co. Wheel and axle assembly. 2,861,850, 11-25-58, Cl. 308-236.
- Nyby, Bruso Aktiebolag: *See*—
Nilsson, Gustav O., and Ljungströmer. 2,846,087.
Wagner, Anton R. 2,826,489.
- Nydegger, George C., Jr., each to C. Mason and W. R. Graham. Box. 2,836,341, 5-27-58, Cl. 229-34.
- Nydegger, George C. Apparatus for folding sheets and inserting them in envelopes. 2,865,155, 12-23-58, Cl. 53-117.
- Nydegger, Roland R. Plant packaging containers and pots therefor. 2,830,405, 4-15-58, Cl. 47-37.
- Nyden, Robert. Spouts for containers. 2,834,520, 5-13-58, Cl. 222-525.
- Nyden, Robert. Spouts combined with containers. 2,834,521, 5-13-58, Cl. 222-569.
- Nyden, Robert. Receptacles. 2,864,533, 12-16-58, Cl. 221-260.
- Nydvist & Holm Aktiebolag: *See*—
Stage, Ernst E. 2,840,344.
- Nye, Roscoe H. Paper clip. 2,843,900, 7-22-58, Cl. 24-66.
- Nye Rubber Co., The: *See*—
Millhoff, Ohio C. 2,859,477.
- Nygaard, Einar: *See*—
Bjerknes, Rainer, and Nygaard. 2,854,132.
- Nygaard, John C., to High Voltage Engineering Corp. Method of and apparatus for irradiating matter with high energy electrons. 2,866,902, 12-30-58, Cl. 250-49.5.
- Nygaard, Norman R.: *See*—
Ersikine, Archibald M., Nygaard, and Lydon. 2,846,349.
- Nygran Industries Ltd.: *See*—
Granberg, Eloff. 2,818,752.
- Nygren, Otto J. Crab grass rake attachment for reel type mowers. 2,865,161, 12-23-58, Cl. 56-249.
- Nyland, Edward R., to General Motors Corp. Inspection device. 2,821,024, 1-28-58, Cl. 33-179.5.
- Nyland, Edward R. Apparatus for holding work pieces. 2,827,300, 3-18-58, Cl. 279-2.
- Nyland, J. Arthur, to General Motors Corp. Lubrication system. 2,840,186, 6-24-58, Cl. 184-6.
- Nylander, Arnold L., to General Electric Co. Long scale electrical instruments. 2,833,989, 5-6-58, Cl. 324-150.
- Nylander, Lars R.: *See*—
Gustavsson, Stig, Ydring, and Nylander. 2,841,360.
- Nylo-Flex Products Co.: *See*—
Fabbri, Michael J., and Arnold. 2,857,749.
- Nyman, Alexander, to Alden Products Co. Facsimile optical scanning apparatus. 2,854,509, 9-30-58, Cl. 178-7.6.
- Nyrop, Aage. Centrifugal separator. 2,862,659, 12-2-58, Cl. 233-20.
- Nyrop, Johan E., to Niro Corp. Apparatus for producing powders by atomization of liquid carriers. 2,850,085, 9-2-58, Cl. 159-4.
- Nys, Jean M., and M. J. Libeer, to Gevaert Photo-Producten N. V. 4-hydroxymethyl- and 4-acetoxymethyl-2-methyl-Δ-thiazolines and preparation thereof. 2,823,207, 2-11-58, Cl. 260-306.7.
- Nys, Louis J. C.: *See*—
André, Raoul A., and Nys. 2,821,691.
Kruithof, Jakob, Nys, and Donceel. 2,822,431.
Pouliart, Willy H. F., and Nys. 2,852,253.
- Nysted, Leonard N., to G. D. Searle & Co. Heterocyclic derivatives of 20-aminomethyl-5-pregnen-3-ol. 2,846,432, 8-5-58, Cl. 260-239.5.
- Nystrom, Carl H., A. E. Huse, and J. N. Humber, to American Bosch Arma Corp. Fuel injection apparatus for spark ignition engines. 2,821,372, 1-28-58, Cl. 261-37.
- Nystrom, Carl H., E. M. Bach, and A. E. Huse, to American Bosch Arma Corp. Fuel injection systems. 2,828,728, 4-1-58, Cl. 123-140.
- Nyström, Curry O. E.: *See*—
Simonsson, Fritz J., and Nyström. 2,861,138.
- Nystrom, Karl F., and F. H. Kayler, to American Steel Foundries. Rotary coupler arrangement. 2,850,179, 9-2-58, Cl. 213-62.
- Nystrom, Karl F., to International Steel Co. Center sill end construction. 2,862,461, 12-2-58, Cl. 105-418.
- O. K. Ko-Op Rubber Welding System: *See*—
French, Elby D. 2,866,228.
Williams, Thurston V. 2,862,286.
- O & M Machine Co., Inc.: *See*—
Graef, Charles G., and Fisher. 2,845,681.
- O-M Spinning Machine Mfg. Co., Ltd.: *See*—
Arai, Takeji. 2,857,114.
- O P W Corp.: *See*—
Boone, Wallace D. 2,837,240.
- O & S Bearing & Mfg. Co.: *See*—
Bilker, Stanley, and Barton. 2,835,169.
Kogstrom, Axel W., and Smith. 2,857,214.
Smith, Frederic R. 2,831,713.
- O & W Sewing Machine Attachments Inc.: *See*—
Winberg, Ragnar W. 2,851,938.
- Oak Mfg. Co.: *See*—
Chalmers, Edward D. 2,824,965.
Dolish, James A., and Mastney. 2,820,370.
Howell, Hugh A. 2,859,299.
Mastney, Edward J., and Fichter. 2,834,851.
Olson, Eloff B. 2,845,832.
Rosendahl, David H. 2,824,639.
Schwarzenbach, Earl E., and Eickhorst. 2,855,472.
Selbmann, Rudolf W., Tucci, and Piwinski. 2,835,818.
Sorensen, Readar W. 2,825,036.
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Williams, John H. 2,857,781.
- Oak Rubber Co., The: *See*—
Ebel, Adolf G. 2,824,407.
- Oakes, Albert G. Dispensing window. 2,830,331, 4-15-58, Cl. 20-4.
- Oakes, E. T. Corp., The: *See*—
Oakes, Earle T. 2,823,625.
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- Oakes, Earle T., to The E. T. Oakes Corp. Method of laminating dough. 2,823,625, 2-18-58, Cl. 107-54.
- Oakes, Earle T., to The E. T. Oakes Corp. Apparatus for sheeting and laminating dough. 2,851,966, 9-16-58, Cl. 107-1.
- Oakes, Earle T., to The E. T. Oakes Corp. Sandwich making machine. 2,853,961, 9-30-58, Cl. 107-1.
- Oakes, Gladys J. Beverage brewing apparatus. 2,862,440, 12-2-58, Cl. 99-282.
- Oakes, William E. Liquid level alarm device. 2,853,041, 9-23-58, Cl. 116-109.
- Oakite Products, Inc.: *See*—
Geb, Eugene B., and McMahon. 2,858,836.
Heinzelman, Edward Jr., and Williamson. 2,820,731.
Kronstein, Max. 2,854,369.
Kronstein, Max. 2,854,370.
Thomas, Anthony P. 2,854,284.
- Oakley, Alan P.: *See*—
Buxton, Sidney W., Oakley, and Letherland. 2,829,534.
- Oakley, Charles B., to Radio Corp. of America. Overload protection circuits. 2,832,824, 4-29-58, Cl. 178-7.5.
- Oakley, Lawrence C.: *See*—
Petermann, Lucien A., and Oakley. 2,842,685.
- Oakley, Perry. Fabricated pole. 2,848,769, 8-26-58, Cl. 20-99.

- Oakney, William E.: *See*—
Fogwell, Joseph W., Hoffman, Oakley, and Donaldson. 2,834,166.
- Oakton Engineering Corp.: *See*—
Flan, Anthony, and Miller. 2,834,840.
- Oates, Arden L. Internally mounted and concealed ring stabilizer. 2,826,050, 3-11-58, Cl. 63—15.6.
- Oates, Clifford, Jr., to Lockheed Aircraft Corp. Systems for preventing ice formation. 2,829,505, 4-8-58, Cl. 62—6.
- Oates, David J., Jr. Cordless electric iron and stand assembly. 2,820,877, 1-21-58, Cl. 219—25.
- Oathout, Walter H. Preparation of candied frozen food. 2,860,994, 11-18-58, Cl. 99—193.
- Oba, Masahiko. Motor fan. 2,829,525, 4-8-58, Cl. 74—25.
- O'Bannon, Loran S.: *See*—
Harman, Cameron G., and O'Bannon. 2,843,500.
- Obarski, Richard W., F. W. Pittinger, and J. V. Joliet. Dispensing device for granular material. 2,833,318, 5-6-58, Cl. 141—32.1.
- Obellianne, Pierre M. J.: *See*—
Sureau, Robert F. M., and Obellianne. 2,853,359.
- Obenchain, Leo B. Boom for cranes. 2,819,803, 1-14-58, Cl. 212—55.
- Oberbeck, Helmut. Impulse comparing arrangement. 2,829,248, 4-1-58, Cl. 250—27.
- Oberdier, Stuart F.: *See*—
Keller, Horace D., Jr., Ness, Oberdier, and Wolf. 2,848,783.
- Oberdorf, Robert A.: *See*—
Baer, John S., and Oberdorf. 2,819,020.
- Oberg, James L., to Babcock & Wilcox Co., The. Synthesis gas reactor and heat exchanger. 2,862,480, 12-2-58, Cl. 122—37.9.
- Oberg, Paul E.: *See*—
Tarara, Stephen, and Oberg. 2,865,573.
- Oberg, Paul E. Self propelled toy fish. 2,854,787, 10-7-58, Cl. 46—92.
- Oberholtz, Lester E., to Allis-Chalmers Mfg. Co. Thresher having reversible type concave. 2,821,198, 1-28-58, Cl. 130—27.
- Oberholtz, Alton V. Process of preparing filters and the filtration of liquids. 2,832,473, 4-29-58, Cl. 210—75.
- Oberholzer, Max, to Hasler A. G. Werke für Telephonie und Präzisionsmechanik. Rotary switch. 2,833,872, 5-6-58, Cl. 200—6.
- Oberholzer, Max, and W. Reber, to Ruf-Buchhaltung Aktiengesellschaft. Front feed apparatus for bookkeeping or typewriting machines. 2,831,560, 4-22-58, Cl. 197—128.
- Oberle, Arthur: *See*—
Hold, Peter, and Oberle. 2,866,470.
- Oberle, Arthur, to Akt. Brown, Boveri & Cie. Pressure-oil regulating system for power engines. 2,855,941, 10-14-58, Cl. 137—36.
- Oberle, Richard, to National Hardware Corp. Lockable bottle or like container. 2,820,565, 1-21-58, Cl. 215—98.
- Oberlikon Engineering Co.: *See*—
Eberle, Meinrad. 2,819,836.
- Oberlin Canteen Co.: *See*—
Norling, Albert E. 2,837,860.
- Oberlin, William C., to Pittsburgh Plate Glass Co. Cutting machine. 2,834,156, 5-13-58, Cl. 49—48.
- Oberly, Louis A., and C. B. Salzinger, to Industrial Rayon Corp. Process for coating cloth. 2,842,473, 7-8-58, Cl. 154—120.
- Obermaier, Alfred A., to Illinois Testing Laboratories, Inc. Thermal anemometers. 2,849,880, 9-2-58, Cl. 73—204.
- Obermaier, Alfred A., and E. W. Donath, to Illinois Testing Laboratories, Inc. Automatic dew-point apparatus. 2,829,363, 4-1-58, Cl. 340—228.
- Obermaier, Frank E., to The Dole Valve Co. Pressure compensating flow control valve. 2,827,076, 3-18-58, Cl. 137—505.13.
- Obermaier, Frank E., to The Dole Valve Co. Thermostatically controlled carburetor air intake. 2,839,039, 6-17-58, Cl. 123—122.
- Obermaier, Frank E., to The Dole Valve Co. Hot water heaters and control valves therefor. 2,848,169, 8-19-58, Cl. 236—79.
- Obermaier, Frank E., to The Dole Valve Co. Thermostatic fluid restrictor. 2,862,523, 12-2-58, Cl. 138—46.
- Oberman, Roelof M. M., to De Staat der Nederlanden, Ten Deze Vertegenwoordigd Door de Directeur-Generaal der Posterijen, Telegrafie en Telefonie. Line circuit in a signalling system. 2,823,263, 2-11-58, Cl. 179—18.
- Oberman, Roelof M. M., to De Staat der Nederlanden, Ten Deze Vertegenwoordigd Door de Directeur-Generaal der Posterijen, Telegrafie en Telefonie. Signalling arrangement for telecommunication systems. 2,832,834, 4-29-58, Cl. 179—18.
- Oberman, Roelof M. M., to Staatsbedrijf der Posterijen Telegrafie en Telefonie. Trunking diagram for an automatic telecommunication system. 2,853,552, 9-23-58, Cl. 179—18.
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- Oberman, Roelof M. M., and A. Snijders, to de Staat der Nederlanden, Ten Deze Vertegenwoordigd Door de Directeur-Generaal der Posterijen, Telegrafie en Telefonie. Identification equipment. 2,820,102, 1-14-58, Cl. 179—18.
- Oberrauch, Hans, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Process for the manufacture of polymethyleneamines. 2,837,524, 6-3-58, Cl. 260—293.2.
- Obert, Maximilian J.: *See*—
Kratz, Jerrold K., and Obert. 2,821,671.
- Oberthur, Heinrich, to Alfred Teves Maschinen- und Armaturenfabrik K. G. Pressure regulator. 2,835,271, 5-20-58, Cl. 137—505.13.
- Obinata, Ichiji, and T. Komatsubara, to The Research Institute For Iron, Steel and Other Metals of The Tohoku University. Method of making ingot of non-ferrous metals and alloys thereof. 2,856,659, 10-21-58, Cl. 22—210.
- Obloy, Felix A., to Jack Bill Scientific Instrument Co. Electronic pulsing device. 2,831,130, 4-14-48, Cl. 307—132.
- Obolensky, Guy, 10% to J. Kunik. Punched card and tape read out system. 2,861,220, 11-18-58, Cl. 315—163.
- Obourn, Amos R. Vending machines for packaged merchandise or the like. 2,847,146, 8-12-58, Cl. 221—129.
- Obrecht, Robert P., and H. Bender, to Stauffer Chemical Co. Hydrocarbon chlorination with a liquid coolant. 2,857,438, 10-21-58, Cl. 260—65.4.
- O'Brian, Edward D.: *See*—
Bourns, Marlan E., and O'Brian. 2,866,052.
- O'Brian, Edward D., to Bourns Laboratories, Inc. Adjustable electrical instruments. 2,841,676, 7-1-58, Cl. 201—62.
- O'Brien, Anne L. Blanket. 2,834,033, 5-13-58, Cl. 5—33.4.
- O'Brien, Brian. Optical image forming devices. 2,825,260, 3-4-58, Cl. 88—1.
- O'Brien, Brian to American Optical Co. Motion picture theater system. 2,857,805, 10-28-58, Cl. 88—16.
- O'Brien, Charles S., Jr., to Bemis Bro. Bag Co. Bag with tie member for closing and carrying it. 2,849,171, 8-26-58, Cl. 229—63.
- O'Brien, Chester H. and N. L. Agricultural soil treatment with granulated foamed rubber latex. 2,848,840, 8-26-58, Cl. 47—1.
- O'Brien, Delphenus K. Weighted spring tractor seat. 2,841,206, 7-1-58, Cl. 155—52.
- O'Brien, Donald G.: *See*—
Atchley, Raymond D., and O'Brien. 2,865,340.
- O'Brien, Earl J. Reset mechanism for time locks. 2,857,965, 10-28-58, Cl. 161—15.
- O'Brien, Edward J., and F. W. Wahlin, to Spraying Systems Co. Wide spread fan shaped spray discharge nozzle. 2,864,652, 12-16-58, Cl. 299—121.
- O'Brien, Ellis J.: *See*—
Dunn, Holbert E., Mayer, and O'Brien. 2,822,240.
- O'Brien, Elwin J., to North American Aviation, Inc. Magnetically operated switch. 2,827,531, 3-18-58, Cl. 200—87.
- O'Brien, Eugene. Lock mechanism. 2,825,218, 3-4-58, Cl. 70—7.
- O'Brien, Francis J.: *See*—
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- O'Brien, Frank M., Jr. Awning window structure. 2,829,744, 4-8-58, Cl. 189—67.
- O'Brien, George E., to United States Rubber Co. Fungicidal composition comprising 2-amino-3-chloro-1,4-naphthoquinone and methods of using same. 2,829,082, 4-1-58, Cl. 167—32.
- O'Brien, George R. Fishing rod holder. 2,846,129, 8-5-58, Cl. 224—5.
- O'Brien, Gerard J. Cake cutters and servers. 2,841,868, 7-8-58, Cl. 30—114.
- O'Brien, James H., to Curtiss-Wright Corp. Valve tappet mechanism. 2,863,432, 12-9-58, Cl. 123—90.
- O'Brien, James P.: *See*—
Yeo, Ernest E., Drown, and O'Brien. 2,836,313.
- O'Brien, Jeremiah W., to United Engineering and Foundry Co. Universal coupling. 2,845,781, 8-5-58, Cl. 64—9.
- O'Brien, John E., deceased; M. M. O'Brien, executrix of the estate of said J. E. O'Brien. Multiform envelopes. 2,856,115, 10-14-58, Cl. 229—92.1.
- O'Brien, John F.: *See*—
Meyer, Arthur R., and O'Brien. 2,866,412.
- O'Brien, John F., to United States of America as represented by the Secretary of the Army. Cartridge link and feed-wheel for a revolver-type gun. 2,820,400, 1-21-58, Cl. 89—33.
- O'Brien, John F., to United States of America, Army. Roller drum support for a revolver-type gun. 2,845,006, 7-29-58, Cl. 89—155.
- O'Brien, John F., to United States of America, Army. Pivoted chamber weapon. 2,845,007, 7-29-58, Cl. 89—155.
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- O'Brien, John F., Jr., to United States of America, Army. Actuator tongue switch for an automatic firearm. 2,858,742, 11-4-58, Cl. 89—155.
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- O'Brien, Joseph L., to Rohm & Haas Co. Stabilization of polymerizable materials. 2,863,851, 12-9-58, Cl. 260—45.9.
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- O'Brien, Norman L.: *See*—
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- O'Brien, Richard C.: *See*—
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- O'Brien, William J., and H. G. Hawker, to The Decca Record Co. Ltd. Radio navigation systems. 2,844,816, 7-22-58, Cl. 343-105.
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- Obst, Charles V., to Bell Telephone Laboratories, Inc. Terminal strip. 2,848,704, 8-19-58, Cl. 339-198.
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- O'Callaghan, Michael E. Frangible staple. 2,859,430, 11-4-58, Cl. 340-274.
- Ocenasek, William F., to Rockwell Mfg. Co. Band saw guides and guards. 2,827,085, 3-18-58, Cl. 143-159.
- Och, Henry G.: See—
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- Ochel, Werner: See—
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- Ochs, Andrew L.: See—
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- Ochsner, Paul, to Union Chimique Belge, S. A. Method of controlling plant growth. 2,829,038, 4-1-58, Cl. 71-2.6.
- Ochsner, Rolf H., to Manning, Maxwell & Moore, Inc. Attachment for use in pressure gauges. 2,839,087, 6-17-58, Cl. 137-791.
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- Ocko, Richard, and K. K. Bay, to General Electric Co. Transmitter tuning method and apparatus. 2,840,697, 6-24-58, Cl. 250-17.
- Ockrent, Charles, G. E. H. Skrimshire, and A. J. Sutherland, to The British Drug Houses Ltd. Preparation of a stabilized Raney nickel catalyst. 2,865,865, 12-23-58, Cl. 252-430.
- Ocnaschek, Frank J., to Collins Radio Co. Starting circuit for synchronous motor. 2,852,726, 9-16-58, Cl. 318-171.
- O'Connell, Elaine A.: See—
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- O'Connell, Frank J. Finger-movement-writing instrument. 2,826,175, 3-11-58, Cl. 120-102.
- O'Connell, John J.: See—
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- O'Connell, Patrick W.: See—
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- O'Connor, Buell, to Pan American Petroleum Corp. Removing oil soluble oxygenated organic chemicals from aqueous mixtures. 2,850,516, 9-2-58, Cl. 260-450.
- O'Connor, Donald J., to Morton Salt Co. Container. 2,832,514, 4-29-58, Cl. 222-480.
- O'Connor, Francis M.: See—
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Bailey, Donald L., and O'Connor. 2,853,503.
- O'Connor, George K. Scraper blade for dozer attachments. 2,866,280, 12-30-58, Cl. 37-143.
- O'Connor, James A., Jr.: See—
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- O'Connor, Jerome A. Mechanical throttle speed control device. 2,844,235, 7-22-58, Cl. 192-3.
- O'Connor, John J.: See—
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- O'Connor, John P. Baseball scoring and simulated baseball games. 2,850,282, 9-2-58, Cl. 273-93.
- O'Connor, Robert W., and M. H. McNulty. Feed regulator for stereotyping finishing machines. 2,860,401, 11-18-58, Cl. 29-21.
- O'Connor, Thomas J., and W. J. Sullivan, to Unexcelled Die & Supply Co. Drill attachment. 2,835,474, 5-20-58, Cl. 255-37.
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- Oda, Kenichi, and M. Murakoshi, to N. Kenkyu-jo. Process for the production of acidic and alkaline solution from salt solution by multicompartiment electrolysis. 2,829,095, 4-1-58, Cl. 204-98.
- Odasz, Francis B., Jr.: See—
McArthur, Moral R., and Odasz. 2,854,214.
- O'Day, Marcus D., to United States of America as represented by the Secretary of the Navy. Navigation system. 2,821,704, 1-28-58, Cl. 343-15.
- Oddera, Carlos. Vaporizer for heavy and semi-heavy liquid fuels. 2,858,820, 11-4-58, Cl. 123-133.
- Oddo, Vincent J. Haemostatic catheter. 2,849,001, 8-26-58, Cl. 128-325.
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- Odde, William J. F., to D. Napier & Son Ltd. Hollow blades for turbo machines. 2,853,272, 9-23-58, Cl. 253-39.15.
- Odegard, John. Combination male plug and female outlet. 2,827,617, 3-18-58, Cl. 339-97.
- Odell, Alexander D., J. D. Reynolds, and P. W. S. Harrild, to International Standard Electric Corp. Electrical circuits employing transistors. 2,860,259, 11-11-58, Cl. 307-88.5.
- Odell, Newton H., to General Dynamics Corp. Semi-conductive device. 2,824,268, 2-18-58, Cl. 317-235.
- Odell, Norman R.: See—
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- Odell, William W. Beneficiation of gases and vapors. 2,850,352, 9-2-58, Cl. 23-3.
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- Oden, Lewis M., Sr., and F. T. Etheredge. Spark plug bomb and leak tester. 2,836,058, 5-27-58, Cl. 73-40.
- Odenwald, Helmut. Insulated spring clip. 2,851,672, 9-9-58, Cl. 339-200.
- Odenweller, Hugo F., to Mohasco Industries, Inc. Apparatus for controlling pile height. 2,853,032, 9-23-58, Cl. 112-79.
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- Odin, Eugene: See—
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- Odioso, Raymond C.: See—
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- Odle, Harry: See—
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- Odium, Frank R.: See—
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- Odium, William H., and W. F. Hosford, to Duro Metal Products Co. Reversible one-way drive mechanism. 2,836,273, 5-27-58, Cl. 192-43.1.
- Odium, William H., and J. R. Gracious, to Duro Metal Products Co. Wall rack for mechanics' tools. 2,841,289, 7-1-58, Cl. 211-87.
- Odium, William H., and W. F. Hosford, to Duro Metal Products Co. Tilting and elevating mechanism for a disc type table saw. 2,852,047, 9-16-58, Cl. 143-35.
- Odum, Arthur D. Cotton picking unit with specific pressure plate assembly. 2,830,427, 4-15-58, Cl. 56-44.
- Odum, Harry T. Combination coin and paper holder. 2,848,116, 8-19-58, Cl. 211-89.
- Odum, Marion E. Process for an improved variable position shoe heel. 2,829,447, 4-8-58, Cl. 36-42.
- Odum, Mary A. Vehicle trunk cover. 2,837,372, 6-3-58, Cl. 296-76.
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- O'Donnell, Charles R. Automatic poultry neck breaking, neck skin stretcher, and head removing machine. 2,828,506, 4-1-58, Cl. 17-12.
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- O'Donnell, Jack H. Caul plate envelope. 2,858,860, 11-4-58, Cl. 144-281.
- O'Donnell, James M., to Nitro-Form Agricultural Chemical Co. Production of fertilizer compositions. 2,830,036, 4-8-58, Cl. 260-69.
- O'Donnell, John F.: See—
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- O'Donnell, Pearl. Examination gowns. 2,818,573, 1-7-58, Cl. 2-114.
- O'Donnell, Philip L. Dispenser with automatic cut-off. 2,860,703, 11-18-58, Cl. 164-42.
- O'Donnell, William J.: See—
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- Odor, Ralph K., Jr. Auxiliary cushion for automobile seats and method of producing the same. 2,818,912, 1-7-58, Cl. 155-182.
- Odoran, Lawrence. Stabilizer for vehicle. 2,828,868, 4-1-58, Cl. 212-145.
- Odzwany, Thaddeus, to Adjustable Fixture Co. Electric lamp socket and reflector assembly. 2,819,387, 1-7-58, Cl. 240-142.
- O'Dwyer, Martin T., and H. Dill, to Pye Ltd. Telephone answering machine. 2,864,889, 12-16-58, Cl. 179-6.

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- Oehler, William P., C. H. Youngberg, and L. W. Johnson, to Deere & Co. Hitch device of the connection facilitating type. Re. 24,415, 1-14-58, Cl. 280-477.
- Oehler, William P., and C. H. Youngberg, to Deere & Co. Attachment frame for tractor planters. 2,833,197, 5-6-58, Cl. 97-47.62.
- Oehler, William P., and H. V. Hansen, to Deere & Co. Reversible hopper lid for agricultural implements. 2,833,440, 5-6-58, Cl. 220-55.
- Oehler, William P., and L. W. Johnson, to Deere & Co. Tractor-mounted planter. 2,855,875, 10-14-58, Cl. 111-52.
- Oehler, William P., and C. H. Youngberg, to Deere & Co. Disk harrow. 2,860,470, 11-18-58, Cl. 55-73.
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- Oehmig, Robert G. Weatherstripped threshold. 2,838,812, 6-17-58, Cl. 20-64.
- Oehmig, Robert G. Weatherstripped threshold and riser therefor. 2,851,744, 9-16-58, Cl. 20-64.
- Oehmig, Robert G. Removable sash. 2,862,258, 12-2-58, Cl. 20-52.2.
- Oehrl, John W., to McCulloch Motors Corp. High speed friction drive. 2,828,907, 4-1-58, Cl. 230-215.
- Oehrl, John W., to McCulloch Motors Co. Supercharger system for internal combustion engines. 2,835,238, 5-20-58, Cl. 123-119.
- Oeland, Ernest N., Jr. Sliding pool mercury switch. 2,838,632, 6-10-58, Cl. 200-112.
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- Oerlikon Tool and Arms Corp. of America: *See*—
- Morgan, Edward L. 2,846,962.
- Oerman, Orey W.: *See*—
- Silver, Walter H., and Oerman. 2,864,296.
- Oerman, Orey W., to Deere & Co. Combined leveling and gauge wheel control for plows. 2,845,853, 8-5-58, Cl. 97-46.27.
- Oesterle, Frank D., and L. Baillargeon. Votive candle. Re. 24,423, 2-4-58, Cl. 67-21.
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- Oesterreichisch-Alpine Montangesellschaft: *See*—
- Cuscolea, Otwin, Grohs, Rösner, and Kühnelt. 2,851,351.
- Oestreich, Frederick W., Jr.: *See*—
- Sonnenburg, William J., and Oestreich. 2,862,213.
- Oestreicher, Ernst: *See*—
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- Oestreicher, Warren J., to Kendon Electronics Co., Inc. Adjustable resistance elements. 2,841,675, 7-1-58, Cl. 201-62.
- Oestreicher, Warren J., to Kendon Electronics, Inc. Masking devices for color television screen or the like. 2,863,079, 12-2-58, Cl. 313-85.
- Oeters, Richard T. Handle for lawn mowers. 2,829,483, 4-8-58, Cl. 56-249.
- Oeters, Richard T. Extensible tool handle. 2,841,425, 7-1-58, Cl. 287-58.
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- O'Farrell, Frank J. and M. I., to Gadget-of-The-Month Club, Inc. Spring tensioned bag closure. 2,854,717, 10-7-58, Cl. 24-30.5.
- O'Farrell, Herbert W.: *See*—
- Tolman, John A., and O'Farrell. 2,847,065.
- O'Farrell, Mabel I.: *See*—
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- Offen, Arthur, to Arthur Offen Developments Ltd. High speed bearings. 2,822,223, 2-4-58, Cl. 308-122.
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- Offen, Arthur. 2,822,223.
- Offenhauser, William H., Jr.: *See*—
- Kahn, Morton C., and Offenhauser. 2,861,132.
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- Moreau, Roland G., and Delattre. 2,861,192.
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- Offutt, Elmer B.: *See*—
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- Offutt, Harold H., to Sid Richardson Carbon Co. Bag over-slip machine. 2,850,855, 9-9-58, Cl. 53-27.
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- Ofner, Frank R., to Industrial Processes, Inc. Separation and recovery of solids and liquid from flour mill wastes. 2,835,984, 5-27-58, Cl. 34-12.
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- Ogburn, Hugh B., R. D. Bent, and G. P. Masologites, to The Atlantic Refining Co. Control of catalytic reforming process. 2,849,377, 8-26-58, Cl. 196-50.
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- Ogden, Charles T., to Goodman Mfg. Co. Tension control apparatus for flexible support strands of an extensible conveyor. 2,858,936, 11-4-58, Cl. 198-208.
- Ogden, Horace R.: *See*—
- Jaffee, Robert I., and Ogden. 2,821,475.
- Ogden, Lillian E.: *See*—
- Stokes, Roy E. 2,850,215.
- Ogden, Richard E., to The Patent and Licensing Corp. Shingle fastening nail and building construction. 2,845,881, 8-5-58, Cl. 108-33.
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- Ogg, Alvin W.: *See*—
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- Gaver, Kenneth M., Barton, and Eisenbraun. 2,828,336.
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- Ogilvie, Ian B., to Bristol Aero-Engines Ltd. Combustion chambers including suddenly enlarged chamber portions. 2,828,609, 4-1-58, Cl. 60-39.65.
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- Ogle, Annette M. Pleat forming device. 2,834,522, 5-13-58, Cl. 223-34.
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- Ogle, Earl N. Toast warmer and crisper. 2,828,685, 4-1-58, Cl. 99-339.
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- Ogle, Frank T., to Phillips Petroleum Co. Control of reactions involving fluids of different densities. 2,850,552, 9-2-58, Cl. 260-683.43.
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- Ogle, Hatton G., Sr., 90% to B. H. Gordon. Boat awning. 2,847,019, 8-12-58, Cl. 135-6.
- Ogle, Lawrence A.: *See*—
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- Ogle, Theodore O., and G. K. Stevens. Device for igniting fuel. 2,841,683, 7-1-58, Cl. 219-32.

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- O'Hara, Jim: *See*—
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- O'Hara, Reginald A.: *See*—
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- Oharenko, Lubomyra. Retort shaking apparatus. 2,834,585, 5-13-58, Cl. 259—75.
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- Ohio Foundry & Mfg. Co., The: *See*—
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- Ohio Oil Co., The: *See*—
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- Ohio Plate Glass Co.: *See*—
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- Ohio State University Research Foundation, The: *See*—
 Newman, Melvin S. 2,853,520.
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 Sisler, Harry H., and Drago. 2,863,728.
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 Wolfrom, Melville L. 2,832,766.
- Ohl, Russell S., to Bell Telephone Laboratories, Inc. Silicon translating devices and silicon alloys therefor. 2,824,269, 2-18-58, Cl. 317—236.
- Ohlberg, Karl-Heinz. Centrifugal belt conveyer. 2,852,126, 9-16-58, Cl. 198—136.
- Ohlemacher, Richard F., to the United States of America as represented by the Secretary of the Navy. Microwave antenna feed. 2,824,305, 2-18-58, Cl. 343—776.
- Ohlhaver, Homer W.: *See*—
 Johnson, Robert A., and Ohlhaver. 2,865,411.
- Ohlheiser, Carlton E., to The American Instrument Co. Apparatus for measuring humidity conditions in materials. 2,834,201, 5-13-58, Cl. 73—73.
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- Ohlheiser, Carlton E., to American Instrument Co., Inc. Electrical humidity-sensing unit. 2,859,318, 11-4-58, Cl. 201—63.
- Ohlinger, Leo A.: *See*—
 Wigner, Eugene P., and Ohlinger. 2,860,093.
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 Young, Gale J., and Ohlinger. 2,840,522.
- Ohlinger, Leo A., to United States of America, Atomic Energy Commission. Discharge device for radioactive material. 2,853,625, 9-23-58, Cl. 250—108.
- Ohlinger, Leo A., to United States of America, Atomic Energy Commission. Loading device. 2,855,114, 10-7-58, Cl. 214—18.
- Ohlinger, Leo A., E. P. Wigner, A. M. Weinberg, and G. J. Young, to United States of America, Atomic Energy Commission. Neutronic reactor. 2,850,447, 9-2-58, Cl. 204—193.2.
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- Ohlson, John L., and C. S. Steiner, to Swift & Co. Separation of saturated and unsaturated fatty acids. 2,847,433, 8-12-58, Cl. 260—466.
- Ohman, Lachlan, to Minneapolis-Honeywell Regulator Co. Safety pilot. 2,831,318, 4-22-58, Cl. 60—25.
- Ohman, Per V., to Dr. Ing. Mario Biazzi Soc. An. Process for anodic esterification. 2,829,094, 4-1-58, Cl. 204—80.
- Ohmart Philip E.: *See*—
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- Ohmite Mfg. Co., Inc.: *See*—
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- Ohno, Richard J., to Sargent & Co. Escutcheon plate for door locks. 2,818,724, 1-7-58, Cl. 70—452.
- Ohnstad, Burl B., to American Pipe and Construction Co. Universal conveyor roller. 2,858,000, 10-28-58, Cl. 193—35.
- Ohlholm, Gustav: *See*—
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- Öhrnell, Olof. Conveying device. 2,866,533, 12-30-58, Cl. 198—19.
- Oiditman, Elston H. Bucket elevator and supporting apparatus. 2,865,495, 12-23-58, Cl. 198—208.
- Oil Capital Valve Co.: *See*—
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- Oil Equipment Laboratories, Inc.: *See*—
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- Oilgear Co., The: *See*—
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- Oiljak Mfg. Co., Inc., The: *See*—
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- Oil Metering and Processing Equipment Corp.: *See*—
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- Oilwell Drain Hole Drilling Co.: *See*—
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- Oishei, John R., to Trico Products Corp. Windshield wiper drive and control mechanism. 2,823,407, 2-18-58, Cl. 15—253.
- Oishei, John R., to Trico Products Corp. Windshield cleaner drive and parking mechanism. 2,825,918, 3-11-58, Cl. 15—253.
- Oishei, John R., to Trico Products Corp. Washer system. 2,827,652, 3-25-58, Cl. 15—250.4.
- Oishei, John R., to Trico Products Corp. Windshield wiper. 2,834,976, 5-20-58, Cl. 15—245.
- Oishei, John R., to Trico Products Corp. Windshield washer. 2,844,102, 7-22-58, Cl. 103—148.
- Oishei, John R., and W. C. Riester; said Riester assor. to Trico Products Corp. Window operator. 2,820,628, 1-21-58, Cl. 268—125.
- Oishei, John R., and W. C. Riester, to Trico Products Corp. Window operator. 2,821,382, 1-28-58, Cl. 268—125.
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- Oishei, John R., and M. Bitzer, to Trico Products Corp. Windshield cleaner. 2,857,611, 10-28-58, Cl. 15—253.
- Ojala, Arvo. Quick draw holster. 2,832,519, 4-29-58, Cl. 224—2.
- Okada, Robert H., to Burroughs Corp. Semi-conductor stabilizing circuit. 2,843,764, 7-15-58, Cl. 307—88.5.
- O'Kane, James C., and A. Ross, to General Motors Corp. Air deflector for vehicle body. 2,827,328, 3-18-58, Cl. 296—94.
- Okeda, Hideo, K. Kanji, and K. Abe, to Nippon Soda Co. Ltd. Method of producing α -acetyl propionitrile. 2,830,071, 4-8-58, Cl. 260—465.1.
- O'Keefe & Merritt Co.: *See*—
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- O'Keefe, Michael F., to AMP Inc. Insulated closed end connector. 2,823,250, 2-11-58, Cl. 174—87.
- O'Kelly, Arlie A., and C. A. Weltman, to Alox Corp. Corrosion inhibitor for light petroleum solvents and fuels. 2,861,874, 11-25-58, Cl. 52—5.
- Okenfuss, Wilfred A., to Wagner Electric Corp. Transformer case grounding pad. 2,831,913, 4-22-58, Cl. 174—51.
- Okenfuss, Wilfred A., to Wagner Electric Corp. Work holder. 2,861,402, 11-25-58, Cl. 51—217.
- Oki, Richard K., R. M. Blakeslee, and J. G. Chapman. Machine for depositing and shaping soil in a transplanting container. 2,826,003, 3-11-58, Cl. 47—1.
- Okie, Reginald W.: *See*—
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- Okleshen, Anthony J.: *See*—
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- Okonite Co., The: *See*—
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- Okonski, Alex D. Internal combustion engine. 2,845,052, 7-29-58, Cl. 123-73.
- Okoomian, Howard J., and L. P. Herrington, to J. B. Pierce Foundation. Heat insulating sheet or panel. 2,840,500, 6-24-58, Cl. 151-44.
- Okress, Ernest C., to Westinghouse Electric Corp. Coupling cavities of a magnetron without use of straps. 2,828,445, 3-25-58, Cl. 315-39.77.
- Okress, Ernest C., to United States of America, Navy. Method for magnetron strap mounting. 2,845,576, 7-29-58, Cl. 315-39.69.
- Okress, Ernest C., and R. J. Green, to Westinghouse Electric Corp. Method of emission suppression in vacuum tubes, especially magnetron hats. 2,840,493, 6-24-58, Cl. 117-216.
- Okulitch, George J., I. Zozulin, C. Handberg, and G. Falck. Automatic case filling machine. 2,823,946, 2-18-58, Cl. 291-87.2.
- Olander, Donald E.: *See*—
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- O'Laughlin, Morgan P.: *See*—
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- Olchawa, Joseph M., to Foote Bros. Gear and Machine Corp. Irreversible drive. 2,834,443, 5-13-58, Cl. 192-8.
- Olcott, Bernard. Coaxial rotor helicopter. 2,838,123, 6-10-58, Cl. 170-135.26.
- Olcott, Robert S., Jr., to Armstrong Cork Co. Treatment of strand materials and the like. 2,859,133, 11-4-58, Cl. 117-112.
- Oldberg Mfg. Co.: *See*—
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- Oldberg, Oscar, and R. A. Sandberg, to Houdaille Industries, Inc. Heat exchanger. 2,834,583, 5-13-58, Cl. 257-262.16.
- Oldberg, Sidney, to Eaton Mfg. Co. Mechanical lash adjuster. 2,821,179, 1-28-58, Cl. 123-90.
- Oldberg, Sidney, to Eaton Mfg. Co. Viscous drive for fan. 2,838,244, 6-10-58, Cl. 236-35.
- Old Dominion Box Co., Inc.: *See*—
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- Old Dominion Research and Development Corp.: *See*—
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- Olden, Roger G., and C. J. Young, to Radio Corp. of America. Heating apparatus. 2,857,682, 10-28-58, Cl. 34-54.
- Oldenburg, Clifford T.: *See*—
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- Oldenburg, Frederick W. Turn signal for vehicle bodies. 2,825,888, 3-4-58, Cl. 340-87.
- Oldenburg, Walter: *See*—
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- Oldenkamp, John L., and F. W. Suhr, to General Electric Co. Dynamoelectric machine. 2,845,553, 7-29-58, Cl. 310-172.
- Older, Lincoln G., to Paterson Pacific Parchment Co. Bib. 2,859,446, 11-11-58, Cl. 2-52.
- Olds, Howard A.: *See*—
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- Olds, Walter F.: *See*—
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- Old Town Corp.: *See*—
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- O'Leary, George R.: *See*—
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- O'Leary, Louis, 10% to A. J. Fihe, d. b. a. Fihe Enterprises. Pillow support. 2,856,614, 10-21-58, Cl. 5-327.
- O'Leary, Lydia. Foot rests and leg supports. 2,856,986, 10-21-58, Cl. 155-169.
- Oleksij, Dimitrij. Descending parachute device. 2,836,383, 5-27-58, Cl. 244-138.
- Oleson, Ole S., and D. E. Van Wey. Levering device for lifting and for moving furniture. 2,859,012, 11-4-58, Cl. 254-8.
- Oleson, William M. Bracket type package unit. 2,849,661, 8-26-58, Cl. 317-101.
- Olijnyk, Maxym. Holder for ribbon type razor blade. 2,834,104, 5-13-58, Cl. 30-40.
- Olinger, Allen M., Jr. Parenteral dental local anesthetic solutions containing an alkantheline. 2,830,930, 4-15-58, Cl. 167-52.
- Olin Chemical Co., Inc.: *See*—
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- Olin Mathieson Chemical Corp.: *See*—
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- Olin Mathieson Chemical Corp.: *See*—Continued
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- Olin, Robert E., to Fairchild Camera and Instrument Corp.
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- Olin, Stephen M., to Miles Laboratories, Inc. Hypotensive agents. 2,858,312, 10-28-58, Cl. 260-268.
- Olin, Stephen M., to Miles Laboratories, Inc. Piperazine derivatives. 2,858,313, 10-28-58, Cl. 260-268.
- Olive, Samuel A.: *See*—
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- Olive, Paul C., to Preparation Industrielle des Combustibles.
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- Olive, William W., Jr., to J. R. Kearney Corp. Electrical cutouts. 2,853,581, 9-23-58, Cl. 200-116.
- Oliveau, John V.: *See*—
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- Oliveau, John V., to The Aerotec Corp. Disconnects for electric circuits and air and oxygen supply conduits. 2,835,251, 5-20-58, Cl. 128-142.
- Oliveau, John V., to The Aerotec Corp. Disconnects for aircraft. 2,859,422, 11-4-58, Cl. 339-16.
- Oliveau, John V., and H. J. Shapiro, to The Aerotec Corp.
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- Oliveau, John V., and F. W. Dalzell, to The Aerotec Corp.
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- Oliver, Bernard M.: *See*—
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- Oliver, Bernard M., to Hewlett-Packard Co. Modified Wien bridge oscillator. 2,852,675, 9-16-58, Cl. 250-36.
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- Oliver, Delbert S., to Borg-Warner Corp. Pressure loaded pump. 2,866,416, 12-30-58, Cl. 103-126.
- Oliver, Doris. Finger nail polish removing tool. 2,841,809, 7-8-58, Cl. 15-138.
- Oliver, Dorothy C. Self-adhering sectional underarm absorbent pad. 2,818,572, 1-7-58, Cl. 2-35.
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- Oliver, Gene L.: *See*—
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- Oliver, Gerald A., and W. G. Weathers. Mathematics teaching aid. 2,844,890, 7-29-58, Cl. 35-31.
- Oliver, Harold J. Apparatus for elevating and attaching plaster board and like sheet material. 2,818,567, 1-7-58, Cl. 1-1.
- Oliver, Henry N. Boring bar. 2,821,874, 2-4-58, Cl. 77-58.
- Oliver Instrument Co.: *See*—
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- Oliver, James F., to Kwikover Inc. Self-erecting tent. 2,864,388, 12-16-58, Cl. 135-1.
- Oliver, James F., and D. J. Kuyper. Self-erecting tent. 2,864,390, 12-16-58, Cl. 135-4.
- Oliver, John W.: *See*—
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- Oliver, Leonard P., to Positive Action Filler Tube Co. Flow control mechanism for filling nozzles. 2,861,605, 11-25-58, Cl. 141-353.
- Oliver Machinery Co.: *See*—
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- Oliver, Robert C.: *See*—
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- Oliver, Robert R.: *See*—
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- Oliver, Roy F., to Lanhoff Grain Co. Conveyor. 2,858,165, 10-28-58, Cl. 302-36.
- Oliver Tyrone Corp.: *See*—
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- Oliveri, Anthony M. Screw driver with adjustable bit. 2,832,385, 4-29-58, Cl. 145-50.
- Olivette, Ralph K., to Ames Harris Neville Co. Bag filling machine. 2,859,574, 11-11-58, Cl. 53-261.
- Olivetti Corp.: *See*—
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- Olivetti Corp. of America: *See*—
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- Olivetti, Ing. C., & C. S. p. A.: *See*—
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- Olivier, Jules A.: *See*—
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- Olivier, Jules A., and W. J. Tell, to General Motors Corp.
 Convertible top with an inflatable covering. 2,833,593, 5-6-58, Cl. 296-107.
- Oliwa, Walter S., and H. M. Fleming, Jr., to Monroe Calculating Machine Co. Data recording and playback device. 2,850,720, 9-2-58, Cl. 340-174.
- Olk, Howard A., C. G. Van Loo, and R. J. Vander Venned, to The Rapids-Standard Co., Inc. Powered roll conveyors. 2,827,153, 3-18-58, Cl. 198-127.
- Olkon Research Corp.: *See*—
 Barnhardt, Harris L. 2,821,341.
- Olleo, Ralph, Jr. Guard for protecting cooking vessels from the higher temperatures of electric ranges. 2,833,907, 5-6-58, Cl. 219-37.
- Olley, Maurice: *See*—
 Bowser, Phillip C., and Olley. 2,854,100.
 Hansen, Kai H., Olley, and Schilling. 2,848,248.
- Olley, Maurice, to General Motors Corp. Independent rear wheel suspension. 2,833,366, 5-6-58, Cl. 180-73.
- Olley, Maurice, and P. C. Bowser, to General Motors Corp.
 Engine mounting. 2,864,573, 12-16-58, Cl. 248-9.
- Olmer, Francois J., and J. and J. M. Chasnoff. Electric switch. 2,849,550, 8-26-58, Cl. 200-33.
- Olmstead, Philip J., and J. Mann, to Goulds Pumps, Inc.
 Pump construction. 2,849,960, 9-2-58, Cl. 103-103.
- Olnhausen, Roland H. Removable attachment lenses for spectacles. 2,818,774, 1-7-58, Cl. 88-41.
- Olschner, Heinz: *See*—
 Miles, George N., and Olschner. 2,731,756.
- Olsen, Alf: *See*—
 Helgerud, Oyvind, and Olsen. 2,839,410.
- Olsen, Anders C. Building structures. 2,821,274, 1-28-58, Cl. 189-34.
- Olsen, Anders C. Devices for securing lath panels or the like to supporting members. 2,825,949, 3-11-58, Cl. 24-81.
- Olsen, Anders C. Building partition. 2,832,212, 4-29-58, Cl. 72-46.
- Olsen, Arnt O. Piston and piston ring assembly. 2,861,852, 11-25-58, Cl. 309-44.
- Olsen, Clarence C. Automatic door closing hinge. 2,852,803, 9-23-58, Cl. 16-154.
- Olsen, Emery D. Hospital bed. 2,819,474, 1-14-58, Cl. 5-68.
- Olsen, Emery D. Adjustable bed. 2,831,200, 4-22-58, Cl. 5-69.
- Olsen, Everett O.: *See*—
 Bowditch, Hoel L., and Olsen. 2,858,527.
- Olsen, Everett O., to The Foxboro Co. Curie point control device. 2,825,868, 3-4-58, Cl. 323-70.
- Olsen, Everett O., and F. J. Ricker, to The Foxboro Co.
 Control apparatus. 2,866,108, 12-23-58, Cl. 307-149.
- Olsen, Gerard: *See*—
 Thone, Karl, Olsen, Karkheck, and Samsonsen. 2,835,283.
- Olsen, Jacob: *See*—
 Kihn, Harry, and Olsen. 2,829,193.
- Olsen, Lester O.: *See*—
 Williams, William L., Ellenbogen, and Olsen. 2,848,367.
- Olsen, Malvin H. Scalp loosening tension band. 2,825,328, 3-4-58, Cl. 128-76.
- Olsen, Ole K. Earth boring tools. 2,833,521, 5-6-58, Cl. 253-302.
- Olsen, Ole K. Drill bits. 2,855,181, 10-7-58, Cl. 255-61.
- Olsen, Poul J., and G. J. Safranek, to The Dole Valve Co.
 Thermostatic valve. 2,834,548, 5-13-58, Cl. 236-34.
- Olsen, Robert, to the United States of America as represented by the Secretary of the Navy. Oscillator system. 2,824,226, 2-18-58, Cl. 250-27.
- Olsen, Robert A.: *See*—
 Goertz, Raymond C., Thompson, and Olsen. 2,846,084.
- Olsen, Tage B.: *See*—
 Vester, Borge, and Olsen. 2,824,701.
- Olson, Andrew R., to Suburban Propane Gas Corp. Cooling device for drinking fountain. 2,821,844, 2-4-58, Cl. 62-7.
- Olson, Arnold L. Tractor carried rotary cultivator or mower for cutting around posts, etc. 2,826,129, 3-11-58, Cl. 97-40.
- Olson, Arthur B., to Sperry Rand Corp. Magnetic binary counting circuit. 2,859,359, 11-4-58, Cl. 307-88.
- Olson, Boise D. Extensible prop. 2,858,094, 10-28-58, Cl. 248-355.
- Olson, Carl L., and D. G. Freel. Saw filing gauge. 2,861,349, 11-25-58, Cl. 33-202.
- Olson, Carl M., to E. I. du Pont de Nemours and Co. Method of producing titanium metal. 2,839,385, 6-17-58, Cl. 75-84.5.

- Olson, Carl M., to E. I. du Pont de Nemours and Co. Production of metals. 2,845,386, 7-29-58, Cl. 204-64.
- Olson, Charles L.: *See*—
- Mandelkehr, Maurice M., and Olson. 2,839,717.
- Olson, Clarence R.: *See*—
- Cecil, Clyde J., Courter, and Olson. 2,819,673.
- Olson, Earl R.: *See*—
- Hall, Donival L., Middleton, and Olson. 2,856,491.
- Olson, Edgar W. Wire straightening pliers. 2,832,244, 4-29-58, Cl. 81-15.
- Olson, Edward A. Stapling instrument for surgical purposes. 2,853,074, 9-23-58, Cl. 128-322.
- Olson, Edward M. Barn cleaning apparatus. 2,855,085, 10-7-58, Cl. 198-7.
- Olson, Edward S., to Deering Milliken Research Corp. Apparatus for continuously washing running lengths of textile materials. 2,828,057, 3-11-58, Cl. 68-148.
- Olson, Edwin, to Russel Ernest Baum, Inc. Buckle type folding machine. 2,847,209, 8-12-58, Cl. 270-68.
- Olson, Edwin, and E. H. Person, to Allied Thermal Corp. Control register for air conditioning apparatus. 2,833,200, 5-6-58, Cl. 98-101.
- Olson, Elmer C. Lint trap for laundry drier. 2,825,148, 3-4-58, Cl. 34-75.
- Olson, Elmer: *See*—
- Eckert, Clarence J., and Olson. 2,837,071.
- Olson, Elmer, to General Motors Corp. Carburetor fuel feeding device. 2,821,373, 1-28-58, Cl. 261-78.
- Olson, Elmer, to General Motors Corp. Apparatus for controlling engine idling speed. 2,822,701, 2-11-58, Cl. 74-472.
- Olson, Elmer, to General Motors Corp. Idle vent valve. 2,851,259, 9-9-58, Cl. 261-43.
- Olson, Elmer, to General Motors Corp. Windshield washer pump. 2,859,700, 11-11-58, Cl. 103-150.
- Olson, Elmer, to General Motors Corp. Carburetor throttle mechanism. 2,862,487, 12-2-58, Cl. 123-103.
- Olson, Elov B., to Oak Mfg. Co. Rivet formed from a flat metal blank. 2,845,832, 8-5-58, Cl. 85-38.
- Olson, Erwin A.: *See*—
- Myers, Otto J., and Olson. 2,828,214.
- Olson, Eugene O., to Delavan Mfg. Co. Unitary spray nozzle and filter assembly. 2,823,954, 2-18-58, Cl. 299-107.
- Olson, Gunnar E., to The Hartford Tool & Die Co. Cutting tool holder. 2,852,966, 9-23-58, Cl. 77-58.
- Olson, Harold J. Valve device responsive to fluid flow. 2,842,150, 7-8-58, Cl. 137-87.
- Olson, Harry F., to Radio Corp. of America. Directional microphone. 2,854,511, 9-30-58, Cl. 179-1.
- Olson, Harry F., and J. Preston, to Radio Corp. of America. Combination chassis and loudspeaker. 2,838,607, 6-10-58, Cl. 179-1.
- Olson, Harry F., and H. Belar, to Radio Corp. of America. Music synthesizer. 2,855,816, 10-14-58, Cl. 84-103.
- Olson, Harry F., and J. Preston, to Radio Corp. of America. Wide range dynamic phonograph pickup. 2,858,375, 10-28-58, Cl. 179-100.41.
- Olson, Henry L., R. A. Miller, and W. F. Hale, to Camfield Mfg. Co. Toasters. 2,863,378, 12-9-58, Cl. 99-391.
- Olson, Holly M., to Sealed Power Corp. Piston support and ring groove adapter. 2,827,348, 3-18-58, Cl. 309-24.
- Olson, Holly M., to Sealed Power Corp. Triple purpose piston ring expander. 2,842,411, 7-8-58, Cl. 309-41.
- Olson, Holly M., to Sealed Power Corp. Triple seal piston ring. 2,859,079, 11-4-58, Cl. 309-45.
- Olson, John, to Norton Co. Grinding machine-truing apparatus. 2,861,561, 11-25-58, Cl. 125-11.
- Olson, John J., to Brown & Bigelow Corp. Separable key holder. 2,840,878, 7-1-58, Cl. 24-230.
- Olson, Lyle L.: *See*—
- Olson, William O. and L. L., and Kehrl, 2,852,903.
- Olson, Melvin M., and R. M. Christenson, to Pittsburgh Plate Glass Co. Preparation of alkoxypolysiloxanes. 2,848,425, 8-19-58, Cl. 260-2.
- Olson, Norman L.: *See*—
- Rosenberg, Jack, and Olson. 2,864,010.
- Olson, Oscar R. Galvanizing furnace temperature control. 2,863,643, 12-9-58, Cl. 257-4.
- Olson, Ralph H., to Owens-Illinois Glass Co. Television picture tubes. 2,827,584, 3-18-58, Cl. 313-64.
- Olson, Ralph H., and K. Conrad, to Owens-Illinois Glass Co. Glassware cooling and transferring apparatus. 2,833,088, 5-6-58, Cl. 49-14.
- Olson, Raymond G., and H. W. Ronfeldt, to Cleveland Pneumatic Industries, Inc. Power operator for machine tools. 2,847,879, 8-19-58, Cl. 77-33.7.
- Olson, Raymond J., and J. E. Press, to Federal Tool Corp. Tape dispenser. 2,864,446, 11-16-58, Cl. 164-41.
- Olson, Reuben A. Watch holder for vehicle dashboards and the like. 2,848,183, 8-19-58, Cl. 248-195.
- Olson, Richard L. Prevention of blow-by in cavitated assemblies. 2,863,186, 12-9-58, Cl. 22-10.
- Olson, Robert W.: *See*—
- Haggerty, Patrick E., Olson, Congdon, Toomey, Thomson, and Evers. 2,857,510.
- Olson, Robert W. T.: *See*—
- Boyle, John R., and Olson. 2,860,228.
- Olson, Walter J., to Specialties Development Corp. Fluid pressure controlled time delay apparatus. 2,819,865, 1-14-58, Cl. 251-25.
- Olson, Willard A., to Hoague-Sprague Corp. Box making machines. 2,822,734, 2-11-58, Cl. 93-36.3.
- Olson, William O. and L. L., and W. A. Kehrl, Sr. Mower assembly. 2,852,903, 9-23-58, Cl. 56-293.
- Olsson, Agne V.: *See*—
- Cromwell, Oliver, and Olsson. 2,831,437.
- Olsson, Carl O., and K. Orlik-Rückemann. Method and apparatus for automatic recording of the logarithmic decrement and the frequency of oscillations with increasing or decreasing amplitude. 2,863,116, 12-2-58, Cl. 324-78.
- Olsson, Ingemar, to Research Aktiebolag. Method for the manufacture of a cigarette package envelope and package envelope produced according to this method. 2,859,671, 11-11-58, Cl. 93-36.
- Olsson, Paul: *See*—
- Dickinson, Robert C., and Olsson. 2,866,043.
- Olsson, Sven O. P., to Trelleborgs Gummifabriks Aktiebolag. Steel conveyors covered with elastomer. 2,851,152, 9-9-58, Cl. 198-193.
- Olt, Leonard F. and R. L., to Crown Cork & Seal Co., Inc. Crown with improved liner. 2,834,498, 5-13-58, Cl. 215-40.
- Olt, Robert L.: *See*—
- Olt, Leonard F. and R. L. 2,834,498.
- Oltarzewski, Edward S. Combined coin counting and wrapping and measuring device. 2,836,019, 5-27-58, Cl. 53-254.
- Oltchus, Eugene G., to General Electric Co. Control system for clothes drying machine. 2,822,625, 2-11-58, Cl. 34-45.
- Oltchus, Eugene G., to General Electric Co. Clothes conditioner. 2,851,791, 9-16-58, Cl. 34-90.
- Oltchus, Eugene G., and R. L. Dunkelman, to General Electric Co. Basket supporting and sealing arrangement for clothes dryers. 2,835,048, 5-20-58, Cl. 34-132.
- Olving, Bror G. Anti-skid vehicle brake system. 2,821,267, 1-28-58, Cl. 188-85.
- Olympia Brewing Co.: *See*—
- Rohrbeck, Harold H. 2,847,309.
- Olympia Werke Aktiengesellschaft: *See*—
- Demmel, Anton. 2,857,033.
- Fischer, Felix. 2,836,279.
- Frobel, Arthur. 2,854,122.
- Grosse, Willy. 2,821,909.
- Heuer, Hans. 2,842,048.
- Riffert, Helmut. 2,831,559.
- Uhlig, Arno and W. 2,850,231.
- Westinger, Karl, Altenburger, and Hirt. 2,832,283.
- Omaha Standard, Inc.: *See*—
- Shadwick, William D., and Standish. 2,836,461.
- Standish, Myles, and Shadwick. 2,833,595.
- Standish, Myles, and Shadwick. 2,836,332.
- Standish, Myles, and Shadwick. 2,842,406.
- O'Malley, Charles T.: *See*—
- Annable, Weldon G., O'Malley, and Walsh. 2,846,375.
- O'Malley, Frances F. Water bags. 2,855,968, 10-14-58, Cl. 150-2.1.
- O'Malley, James A., Jr.: *See*—
- Hood, Gordon K., Jr., and O'Malley. 2,840,323.
- O'Malley, Joseph M., to Morgan Construction Co. Roll stand lock. 2,835,021, 5-20-58, Cl. 29-1.
- Omark Industries Inc.: *See*—
- Carlton, Raymond R. 2,832,180.
- Cox, Joseph B. 2,852,048.
- Hill, Emil H., and England. 2,840,678.
- O'Meara, John R.: *See*—
- Volckening, Lloyd I., O'Meara, and Lefebvre. 2,823,798.
- Omeron, Carl J. E. Safety rim structure. 2,844,180, 7-22-58, Cl. 152-158.
- Omohundro, William A., to General Electric Co. Portable electric fan heater. 2,866,073, 12-23-58, Cl. 219-39.
- Onan, Robert C., and C. S. Hoke, to Waukeet Engineering Co., Inc. Gas mixing device. 2,865,389, 12-23-58, Cl. 137-111.
- Onley, Paul B., to Gulton Industries, Inc. Electronic musical instrument. 2,842,021, 7-8-58, Cl. 84-101.
- Ondeck, Elmer J., to Supreme Products Corp. Reversible power tool drive attachment. 2,839,952, 6-24-58, Cl. 74-750.
- O'Neal, Earl C. Portable garage. 2,856,941, 10-21-58, Cl. 135-1.
- O'Neill, Frederick A., to American Cyanamid Co. Guanidine nitrate recovery. 2,850,533, 9-2-58, Cl. 260-564.
- O'Neil, Albert T.: *See*—
- Lagaard, Alexander S. T. 2,823,921.
- O'Neil, Eugene J.: *See*—
- Deirie, Arthur J., O'Neil, Stayboldt, and Miller. 2,819,032.
- O'Neil, James R. Sign. 2,851,803, 9-16-58, Cl. 40-106.52.
- O'Neil, John G., to Weinon Corp. Container with pouring spout and opening. 2,839,234, 6-17-58, Cl. 229-7.
- O'Neil, John G., to Safe-Pack Container Co. Sealed container. 2,848,151, 8-19-58, Cl. 229-4.5.
- O'Neil, Stephen J., to United States of America, Air Force. Digital-to-analogue shaft position transducer. 2,853,699, 9-23-58, Cl. 340-347.
- O'Neill, Charles J., deceased; E. T. O'Neill, administrator, to E. T. O'Neill. Trailer wheel suspension with load varying adjustment. 2,862,727, 12-2-58, Cl. 280-405.
- O'Neill, Eugene T.: *See*—
- O'Neill, Charles J. 2,862,727.
- O'Neill, Frank E.: *See*—
- Johnston, Mordica O., Bettis, and O'Neill. 2,819,762.

- O'Neill, Frank D. Cleaning device. 2,852,980, 5-6-58, Cl. 15-124.
- O'Neill, Frank E., to Johnston Testers, Inc. Packing for mandrel of testing tool. 2,826,254, 3-11-58, Cl. 166-224.
- O'Neill, John J., Jr., to Olin Mathieson Chemical Corp. Stirring device. 2,859,019, 11-4-58, Cl. 259-107.
- O'Neill, John J., Jr., and G. R. Cox, to Olin Mathieson Chemical Corp. Process for the manufacture of globular smokeless powder. 2,830,886, 4-15-58, Cl. 52-20.
- O'Neill, John P., to the United States of America as represented by the Secretary of the Navy. Sonar transducers. 2,820,214, 1-14-58, Cl. 340-8.
- O'Neill, Kathryn V. Spray device and an adaptable and flexible spray gun attachment which is a component thereof. 2,842,093, 7-8-58, Cl. 118-301.
- O'Neill, Kathryn V. Spray device and a spray gun attachment which is a component thereof. 2,842,094, 7-8-58, Cl. 118-301.
- O'Neill, Louis R. Glass sheet gauge. 2,848,816, 8-26-58, Cl. 35-148.
- O'Neill, Paul A., to Union Machine Co. Dispensing apparatus for paint, lacquer or the like. 2,836,331, 5-27-58, Cl. 222-484.
- O'Neill, Paul A., to Union Machine Co. Power drive for rotary tools. 2,852,115, 9-16-58, Cl. 192-12.
- O'Neill, Ralph A. Attachment of webbing strip or the like, and novel frame support and attaching means. 2,839,126, 6-17-58, Cl. 155-178.
- O'Neill, Richard J., to Hughes Aircraft Co. Cross-cooled cabinet for electrical equipment. 2,843,806, 7-15-58, Cl. 317-100.
- O'Neill, Richard J. Electric switch. 2,856,486, 10-14-58, Cl. 200-112.
- O'Neill, Robert C., and A. J. Basso, to Merck & Co., Inc. 4,4'-dinitrocarbanilide composition useful against coccidiosis. 2,823,162, 2-11-58, Cl. 167-53.1.
- O'Neill, Robert C., and A. J. Basso, to Merck & Co., Inc. Certain alkyl-n(5-nitro-2-thiazolyl) carbamates and process. 2,829,084, 4-1-58, Cl. 167-53.1.
- O'Neill, Robert C., and A. J. Basso, to Merck & Co., Inc. Preparation of methyl and ethyl N-(5-nitro-2-thiazolyl) carbamates. 2,850,503, 9-2-58, Cl. 260-306.8.
- O'Neill, Robert C., and A. J. Basso, to Merck & Co., Inc. Substituted urea compounds and processes for preparing the same. 2,850,530, 9-2-58, Cl. 260-553.
- O'Neill, William: *See—*
Raich, Walter L., Garrity, and O'Neill. 2,835,052.
- Onelta Knitting Mills: *See—*
Mangan, Lawrence L. 2,858,541.
- Oneto-Gotelli Co.: *See—*
Gotelli, Alvin J., and Oneto. 2,825,375.
- Oneto, Melvin W.: *See—*
Gotelli, Alvin J., and Oneto. 2,825,375.
- Ongoro, Theodore, to International Research and Development Corp. Force producing apparatus. 2,831,353, 4-22-58, Cl. 74-61.
- Onksen, George W.: *See—*
Miller, Charles W., Onksen, and Woodward. 2,854,604.
- Onksen, George W., to General Motors Corp. Light controlled oscillator-automatic headlamp dimmer system. 2,866,131, 12-23-58, Cl. 315-83.
- Oono, Takeo: *See—*
Chatten, Victor H. 2,837,869.
- Onsrud Machine Works, Inc.: *See—*
Groen, Willem. 2,836,264.
- Onsrud, Rudolph F. 2,829,564.
- Onsrud, Rudolph F. 2,862,120.
- Onsrud, Rudolph F., to Onsrud Machine Works, Inc. Tracer control system for automatic milling machines. 2,829,564, 4-8-58, Cl. 90-13.5.
- Onsrud, Rudolph F., to Onsrud Machine Works, Inc. Fluid-cooled motor housing. 2,862,120, 11-25-58, Cl. 310-54.
- Ontario Paper Co Ltd, The: *See—*
Boone, Gardner C., Burkhard, and Wrist. 2,832,268.
- Cavanagh, Patrick E. 2,839,397.
- Onyx Oil and Chemical Co.: *See—*
Tesoro, Guilianna C. 2,844,609.
- Tesoro, Guilianna C., and Wakeman. 2,819,285.
- Oom, Benjamin J.: *See—*
Braal, Eman, Henrikson, Morgan, Oom, and Paul. 2,851,323.
- Howe, Richard T., Manne, Morgan, Oom, and Spencer. 2,828,803.
- Manne, Edward T., Morgan, Oom, Spencer, and Weaver. 2,843,187.
- Oorbeck, Abraham J.: *See—*
Cole, Clayton K., and Oorbeck. 2,836,949.
- Oosterhout, Johan C. D., to The Texas Co. Prevention of rust in pipe lines and tankers with ester-type wax oxidate. 2,862,802, 12-2-58, Cl. 44-70.
- Oosterhout, Johan C. D., to The Texas Co. Prevention of rust in pipe lines and tankers with acid-type wax oxidate. 2,862,803, 12-2-58, Cl. 44-70.
- Oosterhout, Johan C. D., to The Texas Co. In situ polyamide coating method. 2,862,836, 12-2-58, Cl. 117-65.
- Oosterkamp, Wijbe J.: *See—*
Klasens, Hendrik A., and Oosterkamp. 2,827,571.
- Opawa, August. Camming slide for hand knitting machines. 2,830,446, 4-15-58, Cl. 66-3.
- Opel, Glen C.: *See—*
Scheirman, William L., and Opel. 2,825,423.
- Opferkuch, Heinz. Cutting machine with flexible endless band cutter and operating means therefor for cutting in three dimensions. 2,855,043, 10-7-58, Cl. 161-35.
- Opfermann, Adolf C. J. Pyridine-3-aldehyde acetals. 2,831,787, 5-13-58, Cl. 260-297.
- Opfermann, Adolf C. J. New quaternary compounds of pyridine aldehyde acetals. 2,862,928, 12-2-58, Cl. 260-297.
- Opie, John V.: *See—*
Harrington, Charles D., and Opie. 2,841,466.
- Opie, Joseph W.: *See—*
Lentz, Thomas H., Opie, and Terry. 2,845,392.
- Opitz, Wolfgang, and W. Urbenski, to Knapsack-Griesheim Akt. Process of preparing aldehydes or ketones by dehydrogenation of alcohols. 2,861,106, 11-18-58, Cl. 260-596.
- Opletal, Robert, to Vyzkumny ustav tvarecich stroju a technologie ivareni. Weft stop motion for weaving looms. 2,819,737, 1-14-58, Cl. 139-370.
- Oplinger, Kirk A., and I. M. Holliday, to Westinghouse Electric Corp. Control arrangements for craft operable in space. 2,827,789, 3-25-58, Cl. 74-5.4.
- Opocensky, Willard J., to Librascope, Inc. Hunting tooth stop structure. 2,823,561, 2-18-58, Cl. 74-802.
- Opoczinski, Leib B. Century calendar. 2,847,778, 8-19-58, Cl. 40-109.
- Oppel, Heinz C. Beet topper. 2,826,890, 3-18-58, Cl. 56-121.4.
- Oppel, Heinz C. Scalper for beet topping machines. 2,852,902, 9-23-58, Cl. 56-121.4.
- Oppel, John A., to General Electric Co. Electric circuit breaker. 2,843,706, 7-15-58, Cl. 200-14.
- Oppelt, Paul C.: *See—*
Hinspater, Emil W., and Oppelt. 2,846,659.
- Oppen, Walter R., to Sperry Rand Corp., Ford Instrument Co. Division. Programmer. 2,854,856, 10-7-58, Cl. 74-472.
- Oppenheim, David. Safety belt for vehicles. 2,858,144, 10-28-58, Cl. 280-150.
- Oppenheimer, Edwin L. Apparatus for operating marionettes and the like. 2,862,331, 12-2-58, Cl. 46-126.
- Oppenheimer, Frank, to United States of America, Atomic Energy Commission. Calutron ion source. 2,848,621, 8-19-58, Cl. 250-41.9.
- Oppenheimer, Frank, to United States of America, Atomic Energy Commission. Calutron ion source. 2,848,622, 8-19-58, Cl. 250-41.9.
- Oppenheimer, Jess, and W. Crane, Jr.; said Crane assor. to said Oppenheimer. Container with integral suction tube. 2,838,220, 6-10-58, Cl. 229-7.
- Oppenheimer, Robert M., to General Electric Co. Fixed stator vane assemblies. 2,848,156, 8-19-58, Cl. 230-132.
- Opperman, Kurt W., to The Perkin-Elmer Corp. Device to measure refractive index gradient. 2,850,940, 9-9-58, Cl. 88-14.
- Oppliger, Paul, to Dow Corning Corp. Mold lubricants for glass. 2,846,323, 8-5-58, Cl. 106-38.22.
- Oppliger, Walter, and E. Peyer, to Durand & Huguenin A. G. Process for the manufacture of salts of sulphuric acid esters of leuco vat dyestuffs of the anthraquinone series. 2,837,530, 6-3-58, Cl. 260-316.
- Opstad, John H. Sink rim. 2,820,229, 1-21-58, Cl. 4-187.
- Opti-Werk G. m. b. H.: *See—*
Forepp, Hans. 2,857,866.
- Optical Gaging Products, Inc.: *See—*
Polidor, Edward C. 2,859,523.
- Opuszenski, Theodore. System for controlled actuation of an artificial hand. 2,847,678, 8-19-58, Cl. 3-12.7.
- Oram, Morris: *See—*
Holman, Arthur T., Oram, and James. 2,839,273.
- Orangeburg Mfg. Co., Inc.: *See—*
Biklen, Donald W. 2,839,088.
- Orazi, Paolo. Rotary sustaining wing for aircraft. 2,860,846, 11-18-58, Cl. 244-39.
- Orbach, Max. Bottle holder and pourer. 2,819,860, 1-14-58, Cl. 248-128.
- Orcel, Aime, to A. Raymond. Fastening device. 2,856,221, 10-14-58, Cl. 292-303.
- Orchard Brothers Inc.: *See—*
Zarnowski, Frank J. 2,855,036.
- Orchard Industries, Inc.: *See—*
McMullin, Earl L. 2,833,243.
- Orchard, Stanley E.: *See—*
Mitchell, John, Orchard, Twitchett, and Woods. 2,846,306.
- Ordex Laboratorium ved ingeniør C. O. Rasmussen: *See—*
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- Ording, James R.: *See—*
Clifford, Edward L., Redding, and Ording. 2,842,220.
- Ordway, James F., to Cove Automatic Machine Co., Inc. Tractor pump drive. 2,851,896, 9-16-58, Cl. 74-413.
- Ore, Carl V., to Roberts and Schaefer Co. Pneumatic separator having resiliently mounted decks. 2,851,160, 9-9-58, Cl. 209-466.
- Ore & Chemical Corp., The: *See—*
Schuetz, Gerhart W. 2,825,459.
- Schuetz, Gerhart W., and Kearns. 2,825,460.
- O'Rear, Jacques G.: *See—*
Zisman, William A., and O'Rear. 2,824,141.
- O'Rear, Jacques G., to the United States of America as represented by the Secretary of the Navy. Method for etherifying polyfluoroalkanoles. 2,831,033, 4-15-58, Cl. 260-614.
- Orebaugh, Nelle R. Education device. 2,824,389, 2-25-58, Cl. 35-35.

- Örebro Bil- & Traktor Aktiebolag: *See*—
Carlsson, Erik L., and Johdet. 2,849,133.
- O'Reilly, Hugh C. Self-folding map-holder. 2,825,988, 3-11-58, Cl. 40-10.
- O'Reilly, Hugh C. Windshield-cleaning attachment. 2,856,100, 10-14-58, Cl. 222-185.
- O'Reilly, Wallace M.: *See*—
True, Martin E., Boer, and O'Reilly. 2,834,580.
True, Martin E., and O'Reilly. 2,856,002.
- Oregon Lumber Co.: *See*—
Runckel, William J. 2,832,267.
- Oregon Saw Chain Corp.: *See*—
Carlton, Raymond R. 2,821,097.
Carlton, Raymond R. 2,844,934.
- Orel, Ben. Coupling device for toy train sets. 2,847,798, 8-19-58, Cl. 46-216.
- Orelind, John R., to International Harvester Co. Balanced head mower. 2,824,416, 2-25-58, Cl. 56-296.
- Orelind, John R., and V. R. Simpson, Sr., to International Harvester Co. Hydraulic diaphragm valve. 2,846,181, 8-5-58, Cl. 251-259.
- Orem, Thomas R.: *See*—
McCarthy, Paul R., and Orem. 2,844,537.
- Oren, Bernard S.: *See*—
Werth, Rudolph G. 2,819,565.
- Orenda Engineers Ltd.: *See*—
Comery, Peter D., and Trent. 2,857,187.
- Orenda Engines Ltd.: *See*—
Avery, Burton A., and Keast. 2,853,854.
Champion, Alexander O. 2,823,694.
Creek, John O., and Dawson. 2,837,011.
Davis, Arthur M. 2,846,250.
Evans, Leighton B. 2,826,462.
Jay, Kenneth W. 2,837,148.
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Lucy, William F. G. 2,841,052.
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Rose, Desmond G., and Booth. 2,852,652.
Simcock, William H. 2,831,490.
- Orford, Roy C.: *See*—
Wright, Esmond P. G., Rice, and Orford. 2,831,150.
- Orford, Roy C., and J. Grey, to Power Jets (Research & Development) Ltd. Control arrangements for rotating machinery. 2,850,029, 9-2-58, Cl. 137-28.
- Organic Chemical Corp.: *See*—
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- Organon Inc.: *See*—
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- Oriente, Giovanna: *See*—
Panizzi, Luigi, Scarpatti, and Oriente. 2,863,909.
- Origoni, Victor E.: *See*—
Mendelsohn, Harold, Smith, and Origoni. 2,864,834.
- Orlandi, Nello. Cable control auto body leveling device. 2,840,387, 6-24-58, Cl. 280-104.
- Orlando, Carl, to United States of America, Army. Apparatus for making photographic reproductions for projection. 2,856,829, 10-21-58, Cl. 95-14.
- Orlemann, Edwin F.: *See*—
Seaborg, Glenn T., Orlemann, and Jensen. 2,865,703.
- Orlik-Rückermann, Kazimierz: *See*—
Olsson, Carl O., and Orlik-Rückermann. 2,863,116.
- Orloff, Daniel L.: *See*—
Kohrs, William R., Orloff, and Rohde. 2,860,763.
- Orloff, George: *See*—
Elmer, Arthur E. H., Pawling, and Orloff. 2,859,734.
- Orloff, George, to British Messier Ltd. Servo-motor systems. 2,860,607, 11-18-58, Cl. 121-47.
- Orloff, George, to British Messier Ltd. Electro-magnetically operated control valves. 2,866,476, 12-30-58, Cl. 137-620.
- Orloff, George, A. E. H. Elmer, and R. A. Chorley, to British Messier Ltd. Servo systems. 2,821,068, 1-28-58, Cl. 60-97.
- Orloff, George, and B. C. Smithers, to British Messier Ltd. Self venting seals. 2,843,434, 7-15-58, Cl. 309-23.
- Orlov, Boris: *See*—
Colombo, George, and Orlov. 2,822,444.
Colombo, George, and Orlov. 2,842,642.
- Orman, Leonard. Bracket for collapsible stand. 2,845,317, 7-29-58, Cl. 311-79.
- Ormo, Arthur. Sanitary protective device. 2,839,060, 6-17-58, Cl. 128-294.
- Ormsby, Arwin E. Lift tail gate. 2,822,938, 2-11-58, Cl. 214-77.
- Orner, Harry. Ball bearing screw and nut mechanism. 2,842,978, 7-15-58, Cl. 74-459.
- Oronzio De Nora Impianti Elettrochimici: *See*—
Gallone, Patrizio. 2,834,728.
- Oros, Richard G.: *See*—
Lehmukuhle, Virgil A. 2,823,505.
- Oroshnik, William, to Ortho Pharmaceutical Corp. Production of vitamin A and related compounds. 2,819,314, 1-7-58, Cl. 260-611.
- Oroshnik, William, to Ortho Pharmaceutical Corp. Synthesis of vitamin A isomers. 2,819,316, 1-7-58, Cl. 260-617.
- Oroshnik, William, to Ortho Pharmaceutical Corp. Synthesis of vitamin A. 2,834,813, 5-13-58, Cl. 260-611.
- Oroshnik, William, to Ortho Pharmaceutical Corp. Synthesis of compounds having vitamin A activity. 2,845,462, 7-15-58, Cl. 260-471.
- Oroshnik, William, and A. D. Mebane, to Ortho Pharmaceutical Corp. Synthesis of vitamin A esters and ethers. 2,842,600, 7-8-58, Cl. 260-611.
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- O'Rourke, Innis, Jr., and G. S. Pinter. Encasement for steam pipes or the like and method of making same. 2,820,480, 1-21-58, Cl. 138-66.
- O'Rourke, Neil W., to The Ryan Aeronautical Co. Variable area thrust deflector-augmenter for jet engines. 2,846,844, 8-12-58, Cl. 60-35.54.
- Orr, Albert S.: *See*—
Cantrell, Troy L., Orr, and Peters. 2,863,745.
- Orr, Audrey W. Short thread sewing machine. 2,850,995, 9-9-58, Cl. 112-174.
- Orr, Audrey W. Tie sewing machine. 2,858,784, 11-4-58, Cl. 112-174.
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- Orr, Charles P., to Spray Products Corp. Fuel atomizing spray device. 2,860,009, 11-11-58, Cl. 299-88.
- Orr, Howard S., to United States Steel Corp. Belt conveyor. 2,847,114, 8-12-58, Cl. 198-202.
- Orr, Howard S., to United States Steel Corp. Power transmitting apparatus. 2,861,635, 11-23-58, Cl. 164-68.
- Orr, Howard S., and G. H. Rendel, to United States Steel Corp. Flying shear. 2,822,047, 2-4-58, Cl. 164-68.
- Orr, Malcolm W., Jr., and T. L. Mabery, to Combustion Engineering, Inc. Method of fabricating tubes for heat exchangers. 2,827,551, 3-18-58, Cl. 219-137.
- Orr, Palmer: *See*—
Kelbel, Donald W., and Orr. 2,844,975.
- Orr, Palmer, and D. W. Kelbel, to Borg-Warner Corp. Lubricating system in transmission and reduction drive. 2,822,705, 2-11-58, Cl. 74-695.
- Orr, Robert A., to General Electric Co. Dolly for vacuum cleaner and the like. 2,862,220, 12-2-58, Cl. 15-257.
- Orr, Robert J., and H. L. Williams, to Polymer Corp. Ltd. Redox type polymerization. 2,834,760, 5-13-58, Cl. 260-82.5.
- Orange, Robert J., to International Business Machines Corp. Wire printer. 2,818,800, 1-7-58, Cl. 101-93.
- Orser, Lawrence D.: *See*—
Kiffer, Desire A., and Orser. 2,852,169.
- Orser, Lawrence D., to Chamberlain Corp. Anti-surge assembly. 2,852,033, 9-16-58, Cl. 137-108.
- Orsini, Leon P., to Societe des Usines Chimiques Rhone-Poulenc. Treatment of paper. 2,857,291, 10-21-58, Cl. 117-76.
- Orso, Leo. Dictation device. 2,857,013, 10-21-58, Cl. 181-34.
- Orstett, Hjalmar. Goose neck bearing for a boom. 2,852,290, 9-16-58, Cl. 287-100.
- Ort, Irving. Percussion drum. 2,849,910, 9-2-58, Cl. 84-412.
- Ortega, Hugh R., 1/2 to M. Bookstein. Rectifier device. 2,832,015, 4-22-58, Cl. 317-234.
- Ortgren, Herman A., and M. J. Minter, to Federal-Mogul-Bower Bearings, Inc. Electronic flaw-detecting device. 2,860,777, 11-18-58, Cl. 209-72.
- Orter, Ralph H. Corner formers for planter boxes, or the like. 2,846,107, 8-5-58, Cl. 217-12.
- Orth, George O., Jr., and J. Spinelli, to American Potash & Chemical Corp. Coating composition. 2,840,478, 6-24-58, Cl. 106-18.
- Orth, Herbert P., and A. F. Dzwonkas, to Keystone Flashing Company. Two-piece cap flashing. 2,856,871, 10-21-58, Cl. 108-26.
- Orth, Hermann: *See*—
Diels, Albert F. M., and Orth. 2,858,346.
- Orth, Philipp: *See*—
Mersheimer, Hans, and Orth. 2,823,073.
- Orth, William H. Regulating valve. 2,855,951, 10-14-58, Cl. 137-505.43.
- Ortheil, Johannes: *See*—
Langen, Viktor, Latzen, Vogt, and Ortheil. 2,861,827.
- Orthner, Ludwig, and M. Reuter, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Process for rendering fibrous materials water-repelling. 2,838,422, 6-10-58, Cl. 117-135.5.
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 Jones, Edmund A. 2,847,011.
 Mende, William C. 2,864,367.
 Millman, Nathan, and Homu. 2,854,978.
 Oroshnik, William. 2,819,314.
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 Oroshnik, William, and Karmas. 2,843,621.
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 Senger, Frank A. 2,856,926.
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 Singher, Heron O. 2,832,722.
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 Orthuber, Richard K., to International Telephone and Telegraph Corp. Automatic focus adjuster. 2,831,057, 4-15-58, Cl. 178-72.
 Orthuber, Richard K., and L. R. Ullery to International Telephone and Telegraph Corp. Composite radiation amplifier. 2,837,660, 6-3-58, Cl. 250-213.
 Orthuber, Richard K., L. R. Ullery, and C. L. Day, to International Telephone and Telegraph Corp. Radiation amplifier. 2,837,661, 6-3-58, Cl. 250-213.
 Orthuber, Richard K., and C. V. Stanley, to International Telephone & Telegraph Corp. Apparatus and method for detecting overheated journal boxes. 2,856,539, 10-14-58, Cl. 250-83.3.
 Orthwin, Sidney. Tailor tacker. 2,839,993, 6-24-58, Cl. 101-368.
 Orthwine, Rudolph. Portable massaging apparatus. 2,827,044, 3-18-58, Cl. 128-33.
 Ortis, Charles, and M. Spertus, to R. and E. Molding Corp. Picture album. 2,850,294, 9-2-58, Cl. 281-31.
 Ortiz Benitez, Humberto. Dual compensator having shot controls for double barrel shotguns. 2,837,856, 6-10-58, Cl. 42-79.
 Ortlieb, Douglas B. Packing retainer for journal boxes. 2,819,126, 1-7-58, Cl. 308-89.
 Ortlieb, Alfred: See—
 Traub, Eberhardt, and Ortlieb. 2,836,479.
 Ortlieb, Alfred, to Robert Bosch, G. m. b. H. Method of and arrangement for making micro recordings. 2,858,181, 10-28-58, Cl. 346-74.
 Ortliff, John E., to Esso Research and Engineering Co. Formation tester for drilling with casing. 2,822,049, 2-4-58, Cl. 166-115.
 Ortuño, Angel V., C. I. Fernandez, and C. M. Serrano, to Instituto Nacional De Industria. Continuous process for treating arsenic and sulfur-containing ore under fluidizing conditions. 2,847,281, 8-12-58, Cl. 23-177.
 Ortusi, Antoine J., and A. Robert, to Compagnie Generale de Telegraphie Sans Fil. Radio direction finders. 2,853,704, 9-23-58, Cl. 343-107.
 Ortwitz, Thomas B., to James R. Kearney Corp. Electrical switches. 2,831,079, 4-15-58, Cl. 200-48.
 Ory, Willie B. Livestock numbering machine. 2,839,213, 6-17-58, Cl. 216-51.
 Ory, Willie B. Dummy calf for practicing roping, lassoing and tying. 2,846,810, 8-12-58, Cl. 46-123.
 Orzechowski, John F.: See—
 Steck, Rudolph E., and Orzechowski. 2,852,368.
 Orzynski, Marian L. Boat having underwater fluid propulsion. 2,848,972, 8-26-58, Cl. 115-11.
 Osame, Gohel. Testing apparatus for electrostatic coating material. 2,859,615, 11-11-58, Cl. 73-150.
 Osawa, Junko: See—
 Ogawa, Tetsuo, Maeda, and Osawa. 2,845,354.
 Osberg, Gustav L., to National Research Council. Silver-alkaline earth metal catalyst. 2,837,486, 6-3-58, Cl. 252-437.
 Osborg, Hans, D. Horvitz, and A. H. Pope, to Chemirad Corp. High energy fuels containing ethylene imine. 2,824,791, 2-25-58, Cl. 52-5.
 Osborn, Abram B., to I. Gaynor and M. Silberman. Pipe-supporting clamp. 2,826,385, 3-11-58, Cl. 248-74.
 Osborn, Clarence E. Selective implement hitch. 2,827,307, 3-18-58, Cl. 280-417.
 Osborn, Charles W., and L. D. Goodhue, to Phillips Petroleum Co. Plant defoliating method employing di-, tri-, and tetrathiosulfuric acid derivatives. 2,841,486, 7-1-58, Cl. 71-2.7.
 Osborn, Charles W., and L. D. Goodhue, to Phillips Petroleum Co. Method of defoliating plants with sulfonyl and thio-sulfonyl xanthates. 2,846,298, 8-5-58, Cl. 71-2.3.
 Osborn, Harry B., Jr., to The Ohio Crankshaft Co. Polyphase induction heating apparatus. 2,819,370, 1-7-58, Cl. 219-10.67.
 Osborn, Harry B., Jr., to The Ohio Crankshaft Co. Method of controlling lubrication of continuous casting. 2,824,346, 2-25-58, Cl. 22-57.2.
 Osborn, Howard: See—
 Rowlands, Tom, Osborn, and Hubbard. 2,849,234.
 Osborn, John D. Horizontal boring machine. 2,835,472, 5-20-58, Cl. 255-20.
 Osborn, Leonard C. Vehicle emergency brake. 2,841,250, 7-1-58, Cl. 188-2.
 Osborn, Marvin W., W. J. Eradburn, Jr., and H. R. A. Hansen, to The Louis Allis Co. Small motor voltage control. 2,842,730, 7-8-58, Cl. 313-331.
 Osborn Mfg. Co., The: See—
 Benyak, John B. 2,827,331.
 Benyak, John B. 2,844,835.
 Miller, Leon F. 2,866,242.
 Nelson, Brooks E. 2,820,235.
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 Peterson, Ruben O. 2,846,827.
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 Osborn, Ralph K. Process for manufacturing jewelry and the like. 2,841,828, 7-8-58, Cl. 18-59.
 Osborn, Robert O., to E. I. du Pont de Nemours and Co. Treatment of synthetic linear polyester structures and product. 2,829,070, 4-1-58, Cl. 117-93.
 Osborn, Robert O., to E. I. du Pont de Nemours and Co. Cellulosic sponge process. 2,836,503, 5-27-58, Cl. 106-122.
 Osborn, Robert O., to E. I. du Pont de Nemours and Co. Cellulosic sponge process. 2,833,395, 9-23-58, Cl. 106-122.
 Osborn, William H., to Phelps Dodge Corp. Apparatus and method for producing sponge iron. 2,831,759, 4-22-58, Cl. 75-26.
 Osborn, William M. Hydraulically operated motor and means for controlling the same. 2,838,031, 6-10-58, Cl. 121-93.
 Osborn, William P., to Inflico Inc. Unitary means for operating two pilot valves. 2,831,502, 4-22-58, Cl. 137-622.
 Osborne, Charles C. Blast hole loading device. 2,834,245, 3-13-58, Cl. 86-20.
 Osborne, Frank, to Firma Wm. Ayrton & Co. Ltd., and F. Osbourne. Sizing and polishing of yarns. 2,863,787, 12-9-58, Cl. 117-7.
 Osborne, Fred H., to The Rudolph Wurlitzer Co. Automatic phonograph. 2,851,273, 9-9-58, Cl. 274-10.
 Osborne, Fred H., and H. G. Bauer, to The Rudolph Wurlitzer Co. Reed box for electronic organ. 2,844,983, 7-29-58, Cl. 84-1.04.
 Osborne, Fred H., and H. G. Bauer, to The Rudolph Wurlitzer Co. Organ stops and key switches. 2,846,916, 8-12-58, Cl. 84-341.
 Osborne, Fred H., W. S. McVetty, and I. M. Laurien, to The Wurlitzer Co. Plural-selection wall box for automatic phonograph. 2,850,135, 9-2-58, Cl. 194-15.
 Osborne, Frederick E. Milking barn sliding door control system. 2,829,884, 4-8-58, Cl. 268-50.
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 Murray, John F., and Osborne. 2,855,855.
 Murray, John F., and Osborne. 2,855,856.
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 Osborne, Raymond G., Jr., and R. O. Boykin, to Raymond G. Osborne Laboratories, Inc. Dry concentrating method and machine therefor. 2,828,016, 3-25-58, Cl. 209-475.
 Osborne, Raymond G., Laboratories, Inc.: See—
 Osborne, Raymond G., Jr., and Boykin. 2,828,016.
 Osborne, Robert. Back splash molding. 2,847,263, 8-12-58, Cl. 311-103.
 Osborne, Sidney G., to Hooker Electrochemical Co. Method and apparatus for lowering the chlorate content of alkali metal hydroxides. 2,823,177, 2-11-58, Cl. 204-98.
 Osbrink, Raymond H. Mold and method of making same. 2,827,678, 3-25-58, Cl. 22-131.
 Osen, Ralph T.: See—
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 Osenberg, Werner, to Bisterfeld & Stoltz. Rotary grinding wheels. 2,826,015, 3-11-58, Cl. 51-195.
 Osgood, Charles F., Jr.: See—
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 Osgood, Clarence H., to The Stamford Engineered Products Co., Inc. Sterilizer. 2,822,476, 2-4-58, Cl. 250-51.
 Osgood, John H., to Jones and Lamson Machine Co. Electronic table motor drive unit for optical comparators and the like. 2,845,589, 7-29-58, Cl. 318-257.
 Osgood, Kenneth J.: See—
 Jamison, Samuel J., O'Connor, and Osgood. 2,845,069.
 Oshanyk, Peter A. Carrier system. 2,865,489, 12-23-58, Cl. 198-19.
 O'Shea, John B. Snow shovel. 2,826,835, 3-18-58, Cl. 37-53.
 O'Shei, William E. Windscreen wiper apparatus. 2,828,612, 4-1-58, Cl. 60-97.
 O'Shei, William E. Windscreen wiper blades. 2,859,467, 11-11-58, Cl. 15-245.
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 O'Shei, William E. Ventilating device for the bodies of motor cars and other passenger carrying vehicles. 2,859,680, 11-11-58, Cl. 98-2.
 Osher, Daniel: See—
 Peerless, Sidney A., and Osher. 2,820,456.
 Osher, Benjamin P., to American Kleer-Vu Plastics, Inc. Wing assembly for wallets, pass cases and the like. 2,828,790, 4-1-58, Cl. 150-39.
 Oshida, Otto A.: See—
 Schneiter, Henry J., and Oshida. 2,820,714.
 Oshkosh, Roy J., and B. E. May. Electric outlet or fuse box. 2,848,581, 8-19-58, Cl. 200-133.

- Oshry, Howard I., and J. W. Schell, to Erie Resistor Corp. Piezo-electric transducers. 2,824,980, 2-25-58, Cl. 310-8.3.
- Osiel, Thaddeus A.: *See*—
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- Osier, Donald O. Article support stand. 2,841,409, 7-1-58, Cl. 230-41.
- Osinski, Joseph S. Hose or pipe coupling with cut-off valve. 2,823,887, 2-18-58, Cl. 251-148.
- Osmond, Charles W., to The Karl Kiefer Machine Co. Lid placing device. 2,840,963, 7-1-58, Cl. 53-73.
- Osmun, Charles W. Packing or sealing structure. 2,860,019, 11-11-58, Cl. 309-29.
- Osmun, Paul M. Skier's seat and supporting means therefor. 2,834,604, 5-13-58, Cl. 280-11.37.
- Osnabrucker Kupfer- und Drahtwerk: *See*—
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- Ospelt, Gustav: *See*—
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- Ospenson, Joseph N., to California Spray-Chemical Corp. Methane sulfonyl bromides. 2,821,554, 1-28-58, Cl. 260-543.
- Ospenson, Joseph N., to California Spray-Chemical Corp. Preparation of organic sulfonyl bromides. 2,824,136, 2-18-58, Cl. 260-543.
- Oswow, Harold: *See*—
Oswow, Leonard and H. 2,829,921.
Oswow, Leonard and H. 2,829,922.
- Oswow, Leonard and H. Dispenser unit. 2,829,921, 4-8-58, Cl. 299-84.
- Oswow, Leonard and H. Dispenser apparatus. 2,829,922, 4-8-58, Cl. 299-84.
- Ossoinak, Andrés J. L. Arrangement for the exhibition of dynamic scenes to an observer in movement with respect to a screen. 2,833,176, 5-6-58, Cl. 88-16.
- Ossyia, Robert H.: *See*—
Proell, Wayne A., Stanley, Kennedy, Dominik, and Ossyia. 2,848,872.
- Ost, Stanley B., to International Standard Electric Corp. Random pulse counter. 2,860,286, 11-11-58, Cl. 315-84.6.
- Osten, Fred C. Sash balance coupling device. 2,825,090, 3-4-58, Cl. 16-202.
- Ostendorf, Bernard, Jr., to Bell Telephone Laboratories, Inc. Trigger circuit. 2,831,983, 4-22-58, Cl. 307-88.5.
- Ostenso, Arthur S., and H. Newburgh, to the United States of America as represented by the Secretary of the Navy. Saturable reactor motor drive. 2,821,675, 1-28-58, Cl. 318-254.
- Oster, Gerald. Photopolymerization. 2,850,445, 9-2-58, Cl. 204-158.
- Oster, John, Mfg. Co.: *See*—
Barrows, Howard E., and Luther. 2,844,176.
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Mödl, Alfred W., and Bednarski. 2,865,141.
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- Osterberg, Carl T., to A. Geo. Schulz Co. Can carrier. 2,834,508, 5-13-58, Cl. 220-112.
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- Ostergard, Arthur A. Pipe cleaner and ash tray. 2,845,076, 7-29-58, Cl. 131-246.
- Ostergren, Ralph H., C. O. Jorgensen, and W. D. Moyers, to North American Aviation, Inc. Circuit for gating in response to time duration. 2,851,598, 9-9-58, Cl. 250-27.
- Osterhus, Ervin J.: *See*—
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- Osterkamp, Henry C., to Westinghouse Air Brake Co. Rotary compressor. 2,824,687, 2-25-58, Cl. 230-158.
- Österman, Edvin M., to Svenska Ackumulator Aktiebolaget Jungner. Hydraulic means for measuring small differential pressures at high static pressures. 2,847,858, 8-19-58, Cl. 74-18.1.
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- Osthoff, Robert C., to General Electric Co. Method of separating molybdenum from tungsten. 2,843,613, 7-15-58, Cl. 260-429.
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- Ostrander, William M.: *See*—
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- Ostrowski, John S. Shredder for leaves. 2,825,377, 3-4-58, Cl. 146-192.
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- Oswalt, Burlin W., to The B. F. Goodrich Co. Fluid control mechanism. 2,849,865, 9-2-58, Cl. 60-54.6.
- Oswalt, Harry L. Ensilage loader. 2,862,598, 12-2-58, Cl. 198-9.
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- Othmer, Donald F. Process for concentrating acetic acid and other lower fatty acids using entrainers for the acids. 2,859,154, 11-4-58, Cl. 202-42.
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- Ott, Hans M., and E. J. White. Dispensing closure for collapsible tubes. 2,851,066, 9-9-58, Cl. 141-370.
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- Ottaway, Charles T. Material handling scaffold. 2,832,479, 4-29-58, Cl. 214-1.
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- Otten, Philip S.: See—
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- Otto, Carl A., to Johnson Service Co. Single-acting motor with pneumatic return spring. 2,820,434, 1-21-58, Cl. 121-38.
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- Otto, Isa E. Lubricating device. 2,857,020, 10-21-58, Cl. 184-45.
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- Otto, Raymond L. Memorandum card holder. 2,863,675, 12-9-58, Cl. 281-44.
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- Stark, Charles H., and Lenke. 2,851,973.
- Steierman, Bernard L. 2,828,422.
- Stutske, William A., and Sheets. 2,832,505.
- Tallent, Benjamin F. 2,853,835.
- Taylor, William C. 2,851,330.
- Toepfer, Walter J., and Stutske. 2,863,260.
- Vincent, Harvard B. 2,823,328.
- Vincent, Harvard B. 2,837,235.
- Vincent, Harvard B. 2,844,998.
- Vincent, Harvard B. 2,853,834.
- Vincent, Harvard B. 2,861,392.
- Vincent, Harvard B., and McDavitt. 2,835,623.
- Whitney, Ralph H. 2,823,403.
- Zink, Harold F., Taylor, and Pawlicki. 2,836,848.
- Owens, Jesse C. Tank refilling valve. 2,827,073, 3-18-58, Cl. 137-426.
- Owens, Lloyd: See—
- Mayer, Edward F., and Owens. 2,822,300.
- Owens, Robert S. Apparatus for twisting and winding multi-ply strands. 2,842,931, 7-15-58, Cl. 57-1.
- Owens, Robert S. Apparatus and method for making twisted fiber products. 2,842,932, 7-15-58, Cl. 57-35.
- Owens, Robert S. Stabilized multi-ply yarns. 2,842,934, 7-15-58, Cl. 57-153.
- Owens, Vincent P., to Combustion Engineering, Inc. Method and apparatus for controlling the concentration of liquors from evaporators. 2,833,619, 5-6-58, Cl. 23-48.
- Owens, William H., to American Rock Wool Corp. Mineral wool and method of treating and coloring the same. 2,841,858, 7-8-58, Cl. 28-74.
- Owby, Leo B. Folding stool. 2,858,056, 10-28-58, Cl. 228-48.
- Owren, Harvey M., B. M. Johnson, and V. L. Smith, to United States of America, Atomic Energy Commission. Time calibrated oscilloscope sweep. 2,832,002, 4-22-58, Cl. 315-26.
- Oxford Filing Supply Co., Inc.: See—
- Patterson, Edward D., and Schmidt. 2,852,028.
- Oxford, Malcolm R., and E. T. McBride. Velocipede with reciprocating seat. 2,860,890, 11-18-58, Cl. 280-226.
- Oxford Paper Co.: See—
- McKnight, George S., Jr., and Brown. 2,865,773.
- Oxy-Catalyst, Inc.: See—
- Adey, Wilfred M. 2,853,368.
- Adey, Wilfred M., and Reitzel. 2,850,365.
- Bowen, William M., III. 2,856,905.
- Bratton, Alfred I. 2,845,882.
- Houdry, Eugene J. 2,828,189.
- Houdry, Eugene J. 2,834,657.
- Houdry, Eugene J. 2,850,366.
- Karol, Berton, and Reitzel. 2,853,367.
- Kriebel, Elvin L., and Houdry. 2,840,362.
- Oxy-Dry Sprayer Corp.: See—
- Rosewall, Paul S. 2,818,595.
- Oxy-Gear Inc.: See—
- Levy, Alexander E., and Spears. 2,866,456.
- Oxy-O-Meter, Inc.: See—
- Koppelman, Hyman. 2,855,926.
- Oy, Kaukas Ab.: See—
- Ryti, Alpo A. 2,847,110.
- Oy, Roabe: See—
- Pekkonen, Hannes, and Lempinen. 2,837,220.
- Oyala, William J., to Fred Meyer, Inc. Cash register with elapsed time meter. 2,858,066, 10-28-58, Cl. 235-06.
- Oyston, Harold J., and W. G. Lumb, to Amalgamated Wireless (Australasia), Ltd. Therapy device. 2,843,129, 7-15-58, Cl. 128-419.
- Ozai-Durrani, Ataulah K. Method of treating rice. 2,829,055, 4-1-58, Cl. 99-80.

- Ozarow, Vernon, to General Electric Co. Multi-electrode field controlled germanium devices. 2,836,797, 5-27-58, Cl. 332-52.
- PGAC Development Co.:** *See—*
 Castel, Jacques H. 2,821,136.
 Castel, Jacques H. 2,837,995.
 Castel, Jacques H. 2,844,098.
 Kessler, David E., and Hauf. 2,844,299.
 Scherbatskoy, Serge A. 2,828,423.
 Scherbatskoy, Serge A. 2,830,184.
 Scherbatskoy, Serge A. 2,830,186.
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- P. & G. Mfg. Co.:** *See—*
 Campbell, Dewey H. 2,827,710.
 Campbell, Dewey H. 2,855,692.
- P. Sproedwenberg's Aannemingsbedrijf N. V.:** *See—*
 Neidmann, Wilhelm. 2,853,324.
- Paananen, Arnold H.** Apparatus for loading wood logs. 2,833,433, 5-6-58, Cl. 214-147.
- Paananen, Roy A.:** *See—*
 Deuch, Edward C., and Paananen. 2,842,667.
- Paasch, Konrad, to the Deutsche Gold- und Silber-Scheideanstalt vormals Roessler.** Atomizing dryer. 2,829,710, 4-8-58, Cl. 159-4.
- Paasche, Jens A., to Cline Electric Mfg. Co.** Diaphragm compressor pump. 2,819,013, 1-7-58, Cl. 230-170.
- Paasche, Jens A., to Cline Electric Mfg. Co.** Atomizing device. 2,843,425, 7-15-58, Cl. 299-148.
- Paashauss, Robert F., to Worthington Corp.** Self-priming centrifugal pump. 2,831,434, 4-22-58, Cl. 103-113.
- Pabst Brewing Co.:** *See—*
 Morell, Samuel A., Lipton, and Frieden. 2,844,514.
- Pabst, Edwin L., and H. Vanderhout, to Alfa Machine Co., Inc.** Stackers and work delivery apparatus. 2,859,965, 11-11-58, Cl. 271-68.
- Paca, John P., and C. D. Graber, to Diebold, Inc.** Insulated cabinet construction. 2,833,355, 9-23-58, Cl. 312-311.
- Pace, Charles J., to Sylvania Electric Products, Inc.** High voltage tube socket. 2,850,714, 9-2-58, Cl. 339-193.
- Pace, Inc.:** *See—*
 Cassidy, Robert J. 2,854,548.
- Pace, Leo C.** Container for shoes and the like. Re. 24,495, 7-1-58, Cl. 229-52.
- Pace, Robert M.** Fluid recirculation systems. 2,826,307, 3-11-58, Cl. 210-169.
- Pacey, John J., and G. D. Robinson, Jr., to Gilbert & Barker Mfg. Co.** Establishing and maintaining means for siphon connection between liquid storage tanks. 2,821,993, 2-4-58, Cl. 137-144.
- Pachaly, Heinz, and O. Schlichting, to Badische Anilin- & Soda-Fabrik Akt.** Production of 1,2-epoxycyclo-octane using in situ performic acid. 2,845,442, 7-29-58, Cl. 260-348.5.
- Pachernegg, Siegfried, to G. Ospelt.** Piston for internal combustion engines. 2,857,213, 10-21-58, Cl. 309-7.
- Pachmayr, Frank A.:** *See—*
 Breznick, Albert J. 2,822,818.
 Farrar, Jack R., and Lentz. 2,838,775.
 Gerick, John. 2,820,401.
 Gerick, John. 2,850,782.
- Pachmayr, Frank A., to Airtec Dynamics, Inc.** Fastening device. 2,850,781, 9-9-58, Cl. 24-221.
- Pacholik, Bohdan S., to Marcon Corp.** Doll with movable eyes. 2,856,731, 10-21-58, Cl. 46-169.
- Pachter, Irwin J., to Smith, Kline & French Laboratories.** Preparation of indolo [2,3-c] quinazo [3,2-a] pyridine derivatives. 2,866,788, 12-30-58, Cl. 260-256.4.
- Pachter, Irwin J., and R. F. Raffauf, to Smith, Kline & French Laboratories.** Indolo [2,3-c] quinazo [3,2-a] pyridine derivatives. 2,858,251, 10-28-58, Cl. 167-65.
- Pachter, John J., to Acme Steel Co.** Strap sealing tool. 2,833,170, 5-6-58, Cl. 81-9.1.
- Pachuta, Martin:** *See—*
 Henderson, Frank J., and Pachuta. 2,840,005.
- Paciello, Celso.** Apparatus for measuring the thickness of lenses. 2,846,771, 8-12-58, Cl. 33-172.
- Pacific Car and Foundry Co.:** *See—*
 Brown, Wallace M. 2,857,174.
 Brown, Wallace M., and Holmstrom. 2,831,674.
 Henrikson, Thor O., and Magnuson. 2,841,294.
 Holmstrom, John G. 2,866,650.
 Norrie, Robert C. 2,861,797.
 Norrie, Robert C., and Brown. 2,831,675.
 Norrie, Robert C., and Brown. 2,831,701.
 Norrie, Robert C., and Kramer. 2,845,133.
- Pacific Co.:** *See—*
 Mescher, Harold E. 2,820,622.
- Pacific Gas and Electric Co.:** *See—*
 Cheney, William O. 2,860,600.
- Pacific Gun Sight Co.:** *See—*
 Doyle, Robert L. 2,865,244.
- Pacific Industrial Mfg. Co.:** *See—*
 Richardson, Rolland A. 2,831,650.
- Pacific Intermountain Express Co.:** *See—*
 Laughlin, Allan R. 2,832,400.
- Pacific Mills:** *See—*
 Ingenthron, Walter W., Jr. 2,820,254.
 Norman, Daniel P. 2,833,798.
- Pacific Pipe Co.:** *See—*
 Jacobs, Ellis H. 2,830,830.
- Pacific Pulp Molding Co.:** *See—*
 Leitzel, Ammon M. 2,851,931.
 Leitzel, Ammon M. 2,859,669.
- Pacific Pumping Co.:** *See—*
 Culleton, John T. 2,864,314.
- Pacific Scientific Aeroproducts:** *See—*
 Cushman, Clifford E. 2,862,268.
 Wrighton, Robert J. 2,866,355.
- Pacific Semiconductors, Inc.:** *See—*
 Cushman, Clifford E., and Wrighton. 2,845,234.
 Hall, Thomas C. 2,841,477.
 Hall, Thomas C., and Levi. 2,827,403.
 Pfankuch, Leo A., and Wrighton. 2,845,233.
 Wrighton, Robert J. 2,841,030.
 Yamakawa, Kazuo A. 2,820,135.
- Pacific Transducer Corp.:** *See—*
 Argabrite, George A. 2,852,695.
- Pacini, August J., L. E. Amster, and R. A. Duff.** Quaternary compound of benzethonium chloride and saccharin. 2,828,316, 3-25-58, Cl. 260-301.
- Pack, Charles:** *See—*
 Bauer, Alfred F., and Pack. 2,843,897.
- Pack Mfg. Co.:** *See—*
 Shelly, Robert S. 2,855,721.
- Package Enterprises, Inc.:** *See—*
 Toby, Max E., and D. J. 2,839,205.
- Package Machinery Co.:** *See—*
 Bracey, Fred J. 2,837,883.
 Gross, Frank C. 2,846,930.
 Gross, Frank C. 2,847,108.
 Gross, Frank C., and Dion. 2,827,287.
 Hull, Robert T. 2,837,882.
 Morgenstern, David M. 2,864,140.
 Pepitone, Vincent, and Chase. 2,824,675.
 Bawson, Emanuel. 2,827,920.
 Schoppee, Lawrence W. 2,840,223.
 Van den Berg, Jacob P. M., and van den Eijnden. 2,826,021.
 Zwoyer, Walter R. 2,821,281.
- Packard Bell Electronics Corp.:** *See—*
 Gray, John B. 2,864,611.
- Packard, Elon E.** Coupler draft key retainer. 2,840,245, 6-24-58, Cl. 213-50.5.
- Packard, John C., to Rohm & Haas Co.** Spectacular sign. 2,823,475, 2-18-58, Cl. 40-130.
- Packard, Martin E., to Varian Associates.** Gyromagnetic resonance magnetometer. 2,856,579, 10-14-58, Cl. 324-5.
- Packard, Robert G.:** *See—*
 Elliott, Robert V., and Packard. 2,837,082.
- Packard Water Conditioners, Inc.:** *See—*
 Mack, Sidney S. 2,825,464.
- Packer, Leo S.:** *See—*
 Box, Harold C., and Packer. 2,826,070.
- Packer Plast:** *See—*
 Fieman, Edwin B., and Sigman. 2,824,414.
- Packer, Warren J.** Heat-insulated handle structure for coffee pots and the like. 2,853,562, 11-4-58, Cl. 16-119.
- Packette Corp.:** *See—*
 Brennan, Joseph K. 2,838,818.
- Packie, John W., W. H. Hesketh, and R. F. Stearns, to Esso Research and Engineering Co.** Apparatus for breaking emulsions. 2,823,181, 2-11-58, Cl. 204-302.
- Packing Material Co., Inc.:** *See—*
 Foster, Mitchell E., and Purcer. 2,854,165.
- Packwood, Clovis, 1/2 to J. M. Ellston.** Walnut huller. 2,848,027, 8-19-58, Cl. 146-8.
- Pacond, André:** *See—*
 Fenoglio, Maurice, Pacond, and Alvarado. 2,866,832.
 Maincon, Maurice, Fenoglio, and Pacond. 2,824,049.
- Pacond, Andre, M. Fenoglio, and E. Alvarado, to Societe des Usines Chimiques Rhone-Poulenc.** Production of phenols and ketones. 2,842,597, 7-8-58, Cl. 260-593.
- Padavano, Anthony J.** Workholder and hole locator. 2,861,485, 11-25-58, Cl. 77-63.
- Padberg, Louis R., Jr.** Method of subsurface exploration by sonic means. 2,866,512, 12-30-58, Cl. 181-5.
- Padbury, John G.:** *See—*
 Lolley, Raymond A., and Padbury. 2,865,103.
- Padbury, John J., and R. L. Morgan, to American Cyanamid Co.** Soil stabilization with polymerized monomeric triazine and product. 2,838,466, 6-10-58, Cl. 260-29.6.
- Padbury, John J., and G. S. Sprague, to American Cyanamid Co.** Ceramic binder comprising a nitrogen containing salt of a synthetic resin. 2,853,461, 9-23-58, Cl. 260-41.
- Paddison, Eric, to The English Electric Co. Ltd.** Electrical relays. 2,866,926, 12-30-58, Cl. 317-167.
- Paddock Pool Equipment Co.:** *See—*
 Ulanovsky, Jack M., and Lightfoot. 2,839,333.
- Paddock, Richard K., to The Dow Chemical Co.** Continuous hollow casting. 2,853,754, 9-30-58, Cl. 22-200.1.
- Paden, Charles G., to The Whirl-A-Way Corp.** Device for cleansing eggs in bulk. 2,833,295, 5-6-58, Cl. 134-182.
- Paden, Clarence B.:** *See—*
 Two, Joseph A. 2,847,088.
- Pader, Morton:** *See—*
 Anson, Mortimer L., and Pader. 2,830,902.
 Anson, Mortimer L., and Pader. 2,833,651.
- Padevco Inc.:** *See—*
 Wilmotte, Raymond M., and Young. 2,842,661.
- Padgett, Clarence G.** Floating holder for film. 2,854,910, 10-7-58, Cl. 93-100.

- Padgett, Grady. Reciprocating dry shaver head construction. 2,841,867, 7-8-58, Cl. 30-43.
- Padgett, Jay D. Scale actuator for vacuum printing frame. 2,822,736, 2-11-58, Cl. 95-77.
- Padgett, Walter C., and R. J. Boesen, to Stewart-Warner Corp. Cabinet installed electronic apparatus. 2,856,450, 10-14-58, Cl. 174-52.
- Padgitt, Frank L.: *See*—
Neher, Clarence M., Padgitt, and Weimer. 2,856,419.
- Padjen, John A.: *See*—
Kesterson, Pearl J., and Padjen. 2,821,203.
- Padrick, John R., to J. I. Case Co. Standard and bearing assembly for a disk bedder gang. 2,833,599, 5-6-58, Cl. 308-19.
- Padrick, John R. Earth working method. 2,842,899, 7-15-58, Cl. 47-58.
- Padrone, Anthony V.: *See*—
Chellemi, James, and Padrone. 2,835,757.
- Pad-Y-Wax Co., Inc.: *See*—
Stroop, John H. 2,836,291.
- Paetz, Robert A., to Thompson Products, Inc. Variable area turbine entrance nozzle. 2,819,732, 1-14-58, Cl. 138-46.
- Paetz, Robert A., to Thompson Products, Inc. Axial flow compressor rotor. 2,840,299, 6-24-58, Cl. 230-134.
- Paetzold, William H., Jr.: *See*—
Stanhope, John E., and Paetzold. 2,865,226.
- Paffumi, Louis J.: *See*—
Esparl, Alphonse A., and Paffumi. 2,832,122.
- Pafias, Andrew D. Container sealing cover. 2,853,223, 9-23-58, Cl. 229-14.
- Pagano, Joseph F.: *See*—
Kroll, Helen A., Pagano, and Thoma. 2,822,318.
- Pagano, Mariano J. Two-wheeled gyro-controlled toy motorcycle. 2,829,467, 4-8-58, Cl. 46-209.
- Pagano, Vito V. Nasopharyngeal tube. 2,854,982, 10-7-58, Cl. 128-348.
- Pagano, Vito V. Urinary catheter. 2,862,497, 12-2-58, Cl. 128-349.
- Pagdin, William G., to P. Ballantine & Sons. Apparatus for handling materials. 2,822,933, 2-11-58, Cl. 214-8.5.
- Pagdin, William G., to P. Ballantine & Son. Suction grasping apparatus. 2,827,178, 3-18-58, Cl. 212-128.
- Pagdin, William G. H., Macaluso, and F. X. Bulat, to P. Ballantine & Sons. Apparatus for handling materials. 2,841,433, 7-1-58, Cl. 294-65.
- Page, Arthur W., to the United States of America as represented by the Secretary of the Army. Concussion protection for loudspeakers. 2,826,259, 3-11-58, Cl. 181-31.
- Page, Chester M. Methods of making wall and ceiling tile. 2,847,046, 8-12-58, Cl. 144-309.
- Page, Clarence and G. A., to Page-Detroit, Inc. Egg handling machine. 2,838,161, 6-10-58, Cl. 198-32.
- Page, Derek H.: *See*—
Johnson, Kenneth I., and Page. 2,836,057.
- Page-Detroit, Inc.: *See*—
Page, Clarence and G. A. 2,838,161.
- Page, Donald J. Rotary web aniline press. 2,836,115, 5-27-58, Cl. 101-219.
- Page Engineering Co.: *See*—
Slonek, Frank G. 2,857,773.
- Page, F. Jarvis: *See*—
Sarno, Amedeo J. 2,821,871.
- Page, Franklin, Jr.: *See*—
Crafts, Cecil A., and Page. 2,864,983.
- Page, Franklin, Jr., to United States of America, Navy. Mounting for plug-in units. 2,840,791, 6-24-58, Cl. 339-92.
- Page, George A.: *See*—
Page, Clarence and G. A. 2,838,161.
- Page, George H. Planning board. 2,847,777, 8-19-58, Cl. 40-63.
- Page, Irving H. Grid-type liquid delay line. 2,826,745, 3-11-58, Cl. 333-30.
- Page, Jack C. Device for applying heat sealing film. 2,825,194, 3-4-58, Cl. 53-287.
- Page, James H., T. B. Nix, and R. I. Reul, to Delta Tank Mfg. Co., Inc. Container. 2,862,645, 12-2-58, Cl. 222-143.
- Page, John H., to The Shaw-Walker Co. Furniture clamping device. 2,848,289, 8-19-58, Cl. 311-4.
- Page, Joseph A. Impeller blade assembly. 2,825,414, 3-4-58, Cl. 170-170.
- Page, Joseph F., Jr., to American Radiator & Standard Sanitary Corp. Heating system and blower control means therefor. 2,835,448, 5-20-58, Cl. 236-9.
- Page, Philip N. Snow scoop. 2,823,470, 2-18-58, Cl. 37-53.
- Page, Raymond L., to Truckstell Mfg. Co. Swivel connection between vehicle sections. 2,840,389, 6-24-58, Cl. 280-111.
- Page, Richard W., to Chayes Dental Instrument Corp. Dental drill. 2,824,370, 2-25-58, Cl. 32-27.
- Page, Robert G., to General Electric Co. Combination circuit breaker and motor starter. 2,831,935, 4-22-58, Cl. 200-88.
- Page, Robert G., to General Electric Co. Circuit breaker. 2,842,641, 7-8-58, Cl. 200-114.
- Page, Robert M.: *See*—
Philpott, La Verne R. 2,838,752.
Philpott, La Verne R., and Page. 2,820,891.
- Page, Robert M. Voltage ratio indicator. 2,823,351, 2-11-58, Cl. 324-99.
- Page, Robert M., to United States of America, Navy. Multiplex communication system. 2,863,946, 12-9-58, Cl. 179-15.
- Page, Rory E., to Hope-Page Engineering Corp. Underwater breathing apparatus. 2,823,670, 2-18-58, Cl. 128-142.
- Page, Victor A. W., to The Plessey Co. Ltd. Variable resistors and potentiometers. 2,863,030, 12-2-58, Cl. 201-55.
- Pagendarm, Edward J., to Baljak Corp. Machine for assembling folding box shells and inserting liners into the shells. 2,837,013, 6-3-58, Cl. 93-36.01.
- Pagenhardt, Leonard C.: *See*—
Nelson, Walter M., and Pagenhardt. 2,819,904.
- Pages, André P., to Societe Alsacienne de Constructions Mecaniques. Code for translating an intelligence wave into coded pulses. 2,833,855, 5-6-58, Cl. 178-43.5.
- Pagett, Louis W. Fence construction. 2,863,642, 12-9-58, Cl. 256-22.
- Pagley, Joseph A. Self-cleaning rake. 2,842,930, 7-15-58, Cl. 56-400.08.
- Pagliarini, Pietro, to C. I. P. Compagnia Italiana Petrolio S. p. A. Preparation of tetraethyl lead. 2,848,471, 8-19-58, Cl. 260-437.
- Pagon, Garrett D.: *See*—
Watter, Michael, and Pagon. 2,847,957.
- Pahud, René, to La Fonte Electrique S. A. Process for manufacturing crystallized pure and anhydrous phosphoric acid, and installation for carrying out said process. 2,847,285, 8-12-58, Cl. 23-300.
- Paidar, Emil J., Co.: *See*—
Raschke, Walter E. 2,855,259.
- Paige, Henry: *See*—
Boam, Willard M., Friedman, Paige, Souzis, and Strater. 2,834,101.
- Paige, Isaac A. Tables foldable into suitcase-like form. 2,862,777, 12-2-58, Cl. 311-90.
- Paige, Richard E., to Brown-Forman Distillers Corp. Combined shipping and display carton. 2,830,697, 4-15-57, Cl. 206-45.29.
- Paige, Richard E. Bottle display stand. 2,837,216, 6-3-58, Cl. 211-72.
- Paige, Richard E. Slotted partitions for shipping cases. 2,840,293, 6-24-58, Cl. 229-15.
- Paige, Richard E. Windshield shipping carton assembly. 2,841,277, 7-1-58, Cl. 206-62.
- Paige, Richard E. Double-walled container. 2,843,308, 7-15-58, Cl. 229-37.
- Paige, Richard E. Holder for receptacles. 2,846,062, 8-5-58, Cl. 206-65.
- Paige, Richard E. $\frac{1}{2}$ to General Electric Co., and $\frac{1}{2}$ to Richard E. Paige, Inc. Shipping and display carton. 2,856,068, 10-14-58, Cl. 206-45.14.
- Paige, Richard E. Sound emitting instrument. 2,859,555, 11-11-58, Cl. 46-179.
- Paige, Richard E., Inc.: *See*—
Paige, Richard E. 2,856,068.
- Pail, Arthur Y. Pulsating device. 2,821,191, 1-28-58, Cl. 128-33.
- Paikens, Edward, and D. M. Skoglund, to Kenfeld Corp. Apparatus for evacuating and sealing bags. 2,838,894, 6-17-58, Cl. 53-79.
- Paillard S. A.: *See*—
Ascoli, Enzo, Cereghetti, and Tschurr. 2,818,960.
Chevallaz, Henri. 2,832,258.
De Raemy, Jacques. 2,850,582.
- Pain, David L.: *See*—
Freeman, Wilfred A., Pain, and Slack. 2,827,415.
Freeman, Wilfred A., Pain, and Slack. 2,831,866.
Slack, Ronald, Pain, and Barber. 2,827,457.
- Pain, Maurice: *See*—
Berrin, Jean H., Paris, and Pain. 2,834,146.
- Paine, Billie R. Overhead monorail system. 2,851,960, 9-16-58, Cl. 104-98.
- Paine, William A., 2nd, to Ex-Cell-O Corp. Servo control unit. 2,832,318, 4-29-58, Cl. 121-46.5.
- Painter Brothers Ltd.: *See*—
Nock, James L., and Weatherall. 2,827,315.
- Painter, Claude D.: *See*—
Kramer, Alphonse J., and Painter. 2,851,210.
- Painter, Claude D., to Karry-All, Inc. Cellular bottle carrier. 2,844,282, 7-22-58, Cl. 220-115.
- Painter, Claude D. Order indicator. 2,847,971, 8-19-58, Cl. 116-133.
- Painter, Claude D., to Karry-All, Inc. Cellular bottle carrier. 2,850,205, 9-2-58, Cl. 220-105.
- Painter, Erle V., Jr., and W. R. Strickel, to Johnson & Johnson. Filter media. 2,834,730, 5-13-58, Cl. 210-504.
- Painter, Maurice E. Bedpan for chair or mattress assembly. 2,855,608, 10-14-58, Cl. 5-91.
- Pair, Thomas M. Overflow device for sewage. 2,834,365, 5-13-58, Cl. 137-247.11.
- Paist, Walter D.: *See*—
Jones, Wilford D., Marshall, Davies, and Paist. 2,862,908.
Weber, Harold, and Paist. 2,839,784.
- Palvinen, John O., to Burroughs Corp. Decade counter for producing an output at the count of nine. 2,824,961, 2-25-58, Cl. 250-27.
- Palvinen, John O., to Burroughs Corp. Magnetic core transfer circuit. 2,851,675, 9-9-58, Cl. 340-174.
- Pajackowski, Andrezej: *See*—
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- Pajes, Wolf S. Method of applying indicia to transparencies and method of and apparatus for projecting images of said indexed transparencies upon a screen in reflected light. 2,843,004, 7-15-58, Cl. 88-16.
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- Pakish, Anthony E., and A. W. Lamp, to General Electric Co. Mount and bulb loading machine. 2,848,784, 8-26-58, Cl. 29-25.19.
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- Pako Corp.: See—
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- Pak-Rak Inc.: See—
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- Paley, Albert A. Automobile heating device. 2,843,715, 7-15-58, Cl. 219-34.
- Palfey, Albert J., to The Dow Chemical Co. Collapsible tank. 2,851,075, 9-9-58, Cl. 150-5.
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- Palic, Petar, to North American Philips Co., Inc. Electronic memory system. 2,854,576, 9-30-58, Cl. 250-27.
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- Palling, Stanley J.: See—
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- Palm, George H. Sprayer construction. 2,833,594, 5-6-58, Cl. 299-89.
- Palm, Glenn A., to Metal Specialties Mfg. Co. Packaging apparatus. 2,850,993, 9-9-58, Cl. 112-11.
- Palm, James W., to Borg-Warner Corp. Overcenter clutch lever arrangement. 2,842,241, 7-8-58, Cl. 192-93.
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- Palm, John R. Map holder. 2,853,817, 9-30-58, Cl. 40-86.
- Palmatier, Everett P.: See—
Merrick, Richard H., and Palmatier. 2,850,266.
- Palmbach, Richard G.: See—
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- Palmbach, Richard G., to Union Special Machine Co. Lock-stitch sewing machines. 2,866,425, 12-30-58, Cl. 112-182.
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- Palmer, Albert O., to Machlett Laboratories, Inc. Gas-filled thyratron. 2,838,709, 6-10-58, Cl. 313-246.
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- Palmer, Charles M. Aerial identification flag. 2,858,793, 11-4-58, Cl. 116-173.
- Palmer Chemical & Equipment Co., Inc.: See—
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- Palmer, Frederick L.: See—
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- Palmer, Harry A., to Kelsey-Hayes Co. Material handling device. 2,826,161, 3-11-58, Cl. 113-50.
- Palmer, James R., to General Electric Co. Polyphase rectifier starting method and apparatus. 2,851,651, 9-9-58, Cl. 321-48.
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- Palmer, John E. Universal directing device for spray nozzles. 2,857,201, 10-21-58, Cl. 299-73.
- Palmer, John M., and R. A. Schmidt. Displays. 2,839,855, 6-24-58, Cl. 40-33.
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- Palmer, Leon B., to Congoleum-Nairn Inc. Backing for smooth surface coverings and process therefor. 2,849,335, 8-26-58, Cl. 117-68.
- Palmer, Leon E., to International Business Machines Corp. Feed roll supporting structure for typewriters. 2,862,594, 12-2-58, Cl. 197-138.
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- Palmer, Orrin C. Tool for use in horizontal and vertical grinding wheel dressing. 2,822,797, 2-11-58, Cl. 125-11.
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- Palmer, Reed A., to Westinghouse Electric Corp. Toaster apparatus. 2,849,946, 9-2-58, Cl. 99-390.
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- Palmer, Richard C., to Allen B. Du Mont Laboratories, Inc. Reciprocal analog electrical circuit. 2,819,017, 1-7-58, Cl. 235-61.
- Palmer, Richard C., to Allen B. Dumont Laboratories, Inc. Television system method and apparatus for multiplex signaling. 2,824,908, 2-25-58, Cl. 179-15.
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- Palmer, Richard O.: See—
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- Palmer, Rufus N. Magnetic separator. 2,826,303, 3-11-58, Cl. 209-219.
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- Palmer, Stanley, to Versil Ltd. Apparatus for producing bonded staple lengths of grouped filaments. 2,854,059, 9-30-58, Cl. 154-1.7.
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Stiens, Robert B. 2,848,973.
- Palmer, Thomas A., to General Motors Corp. Seat spring tension adjuster. 2,822,032, 2-4-58, Cl. 155-179.
- Palmer, Wallace G. Display device. 2,850,170, 9-2-58, Cl. 211-84.
- Palmer, Warren G., to American Machine & Foundry Co. Apparatus for turning cigarettes. 2,840,222, 6-24-58, Cl. 198-33.
- Palmer, William H.: See—
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- Palmiter, Daniel A., to Shepherd Tractor & Equipment Co. Control device for tractor-trailer combination. 2,833,557, 5-6-58, Cl. 280-432.
- Palmqvist, Fredrik T., to Aktiebolaget Separator. Apparatus for continuous soapmaking. 2,852,347, 9-16-58, Cl. 23-260.
- Palnut Co., The: See—
Hotchkiss, James R. 2,824,480.
Sislik, Ivan, and Duffy. 2,837,955.
- Palo, Maurice M.: See—
Morrell, George A., Jr., Angle, and Palo. 2,856,465.
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- Paluck, Casimir. Tractor loader attachment. 2,860,794, 11-18-58, Cl. 214-140.
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Barnes, David K. 2,819,319.
Bearden, William G., and Howard. 2,842,206.
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Clark, Joseph B., Jr., and Dyk. 2,838,117.
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Eliot, Theodore Q. 2,819,205.
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McCants, James F. 2,823,237.
McManis, Louis B. 2,838,742.
Miller, William D. 2,846,011.
Moote, Truman P., Jr., and Steitz. 2,823,216.
Mungen, Richard. 2,823,219.
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Sperry, Albert F. 2,826,068.
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Gladfelter, Wiltie I., and Fahrney. 2,866,547.
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- Pannetals and Processes Inc.: *See*—
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- Pannell, Greenwood H.: *See*—
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Wallace, Marcel. 2,820,961.
Wu, William I. L., and Schlessel. 2,831,146.
- Pantalone, Vincent R., to Federal Paper Board Co., Inc. Packing and display containers. 2,854,135, 9-30-58, Cl. 206-79.
- Pantex Mfg. Corp.: *See*—
Lornitzo, Frank C. 2,839,078.
Lornitzo, Frank C. 2,854,995.
- Panther Oil & Grease Mfg. Co.: *See*—
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- Panuline, George, to American Machine & Foundry Co. In-feed conveyor flight adjusting mechanism. 2,844,242, 7-22-58, Cl. 193-168.
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- Panzica, Joseph A. Tool for installing and removing fluorescent lamps. 2,819,922, 1-14-58, Cl. 294-20.
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- Paper Mate of Puerto Rico, Inc.: *See*—
 Hechtle, Emil, 2,865,333.
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- Paramount Paper Products Co.: *See*—
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 5-27-58, Cl. 260-268.
- Parcell, Robert F., to Parke, Davis & Co. Piperazine deriva-
 tives and process for producing the same. 2,836,595,
 5-27-58, Cl. 260-268.
- Parcells, Willard K.: *See*—
 Davis, Evan E., Jr., Parcells, and Rostron. 2,824,125.
- Pardee, Harvey S., to The Creamery Package Mfg. Co. Valve
 construction. 2,857,927, 10-28-58, Cl. 137-549.
- Pardee, Schuyler, Jr., to United States of America, Navy.
 Servo system directional bearing converter. 2,864,044,
 12-9-58, Cl. 318-28.
- Pardee, William A.: *See*—
 Culberson, Oran L., and Pardee. 2,832,668.
 Culberson, Oran L., and Pardee. 2,865,713.
- Pardee, William A., to Gulf Research & Development Co.
 Utilization of anhydrous aluminum chloride sludge.
 2,835,554, 5-20-58, Cl. 23-93.
- Pardee, William A., to Gulf Research & Development Co.
 Purification of aluminum chloride. 2,843,355, 7-15-58, Cl.
 23-93.
- Pardo, Clay E., Jr.: *See*—
 Moore, Joseph E., and Pardo. 2,850,351.
- Pardo, Joseph P., to Sta-Vis Oil Co. Method of inhibiting
 the adherence of moist material to metal surfaces under
 freezing conditions. 2,846,336, 8-5-58, Cl. 117-127.
- Pardue, Don R.: *See*—
 Hedrich, Albert L., and Pardue. 2,844,961.
 Pardue, Don R., and A. L. Hedrich. Sound intensity meas-
 urement. 2,834,236, 5-13-58, Cl. 181-5.
- Pardue, Martin H. Fluorescent tube lock pin. 2,850,710,
 9-2-58, Cl. 339-54.
- Parent, Adelard J. Rocking stool. 2,822,861, 2-11-58, Cl.
 155-165.
- Parent, Arthur E., 90% to J. Parent. Structural building
 member. 2,845,152, 7-29-58, Cl. 189-40.
- Parent, June: *See*—
 Parent, Arthur E., 2,845,152.
- Parfour, Inc.: *See*—
 Rossi, Mario. 2,837,232.
- Parham, Hester J., $\frac{1}{4}$ to E. T. Newton and G. M. Hopkins.
 Loom temple mechanism. 2,823,706, 2-18-58, Cl. 139-295.
- Parigian, Albert A., to Modern Collet & Machine Co. Feed
 collet. 2,838,317, 6-10-58, Cl. 279-46.
- Parikos, John J. Gaming net fastening arrangement. 2,859,038,
 11-4-58, Cl. 273-30.
- Parilla, Arthur R., to The M. W. Kellogg Co. Filament wound
 container. 2,837,456, 6-3-58, Cl. 154-83.
- Paris, August F. Combination truck and ladder. 2,834,526,
 5-13-58, Cl. 228-16.
- Paris, August F. Sweater pressing and finishing machine.
 2,841,315, 7-1-58, Cl. 223-70.
- Paris, Francois G.: *See*—
 Bertin, Jean, Sarrazin, Le Foll, and Paris. 2,825,202.
 Bertin, Jean H., Paris, and Pain. 2,834,146.
 Bertin, Jean H., Salmon, and Paris. 2,834,183.
 Desbenoit, Christian L. A., Deltel, and Paris. 2,838,869.
 Kadosch, Marcel, Paris, Le Foll, and Bertin. 2,825,204.
 Reure, Germain M. R., and Paris. 2,836,567.
- Paris, Francois G., J. Le Foll, and J. Bertin, to Societe
 Nationale d'Etude et de Construction de Moteurs d'Aviation.
 Jet propulsion unit comprising pulse jet units having
 ejector tubes within a ramjet unit. 2,834,181, 5-13-58,
 Cl. 60-35.6.
- Paris, Francois G., J. Le Foll, H. L. P. Meulien, and J. H.
 Bertin, to Societe Nationale d'Etude et de Construction de
 Moteurs d'Aviation. Exhaust gas ejector tubes in asso-
 ciation with explosion engines or internal combustion en-
 gines. 2,864,235, 12-16-58, Cl. 60-30.
- Paris, Secondo R. Cake pan. 2,827,849, 3-25-58, Cl. 99-
 435.
- Paris, William W.: *See*—
 Harris, James O., and Paris. 2,831,897.
- Parish, Frank P.: *See*—
 Myers, Lew L., Straughn, and Parish. 2,831,527.
- Parish, Harold V. R. Apparatus for use in identifying radio-
 graphs. 2,858,446, 10-28-58, Cl. 250-67.
- Parish, Richard L., Jr., and J. W. La Roque, to American
 Flange & Mfg. Co., Inc. Container closure and combina-
 tions. 2,842,282, 7-8-58, Cl. 220-39.
- Parish, William R.: *See*—
 Hindle, Norman F., King, and Parish. 2,833,265.
- Parisi, Frank E., to A. Alford. Method of converting modes
 of wave motion for transmission from rectangular to cir-
 cular wave guides. 2,825,031, 2-25-58, Cl. 333-21.
- Parisse, Louis L., to Koppers Co., Inc. Recovery of purified
 di-tertiary-butyl-para-cresol. 2,863,927, 12-9-58, Cl. 260-
 624.
- Parizek, Ferdinand, $\frac{1}{4}$ to W. Ritt. Soap dispenser. 2,841,311,
 7-1-58, Cl. 222-181.
- Park, Alan E.: *See*—
 Nordenson, Willard H., and Park. 2,844,130.
- Park, Arthur: *See*—
 Eberhard, John E., and Park. 2,819,239.
- Park, Allan J., to The National Acme Co. Junction box
 assembly. 2,861,120, 11-18-58, Cl. 174-59.
- Park, Flora E.: *See*—
 Park, Robert E., F. E., and M. Park. 2,820,468.
- Park, Ford R., Jr.: *See*—
 Enger, Robert C., and Park. 2,823,521.
- Park, Glenn S., to Anthony Co. Sealing means for hydraulic
 cylinder. 2,832,650, 4-29-58, Cl. 308-3.5.
- Park, Margaret: *See*—
 Park, Robert E., F. E., and M. Park. 2,820,468.
- Park, Peter G.: *See*—
 Weeks, Robert W., and Park. 2,860,897.
- Park, Robert E., F. E., and M. Park. Covers for play pens.
 2,820,468, 1-21-58, Cl. 135-5.
- Park, Robert H. Inertia responsive magneto generator.
 2,820,411, 1-21-58, Cl. 102-70.2.
- Park, Robert O., to Baker Oil Tools, Inc. Casing centralizers.
 2,849,071, 8-26-58, Cl. 166-241.
- Park, Wallace S. Double aerial cameras. 2,841,063, 7-1-58,
 Cl. 95-12.5.
- Parke, Davis & Co.: *See*—
 Brathge, Karl H., and Siedel. 2,861,996.
 Bryant, Charles C., 2,846,352.
 Doub, Leonard and Herbst. 2,820,039.
 Edgerton, William H., 2,864,840.
 Heywood, Basil J., 2,820,041.
 Heywood, Basil J., 2,820,052.
 Jacob, Robert M., and Robert. 2,820,797.
 Jacob, Robert M., and Robert. 2,854,470.
 Miller, Charles A., 2,831,867.
 Miller, Charles A., and Long. 2,857,398.
 Morgan, Marcus S., 2,852,518.
 Parcell, Robert F., 2,833,770.
 Parcell, Robert F., 2,836,594.
 Parcell, Robert F., 2,836,595.
 Stevens, Calvin L., 2,820,781.

- Parke, William N., to The Aero Equipment Corp. Pneumatic drill. 2,865,236, 12-23-58, Cl. 77-33.5.
- Parke, William R. Rifle trigger and safety mechanism. 2,856,717, 10-21-58, Cl. 42-69.
- Parker, Almon S., to Gulf Oil Corp. Preparation of alkylene glycol. 2,839,588, 6-17-58, Cl. 260-635.
- Parker, Anthony W.: *See—*
- Parker, George and A. W. 2,855,793.
- Parker Appliance Co., The: *See—*
- Taylor, William, Badger, and Burton. 2,860,653.
- Parker, Arthur H.: *See—*
- Martin, Donnan, and Parker. 2,861,929.
- Parker, Charles J.: *See—*
- Boyle, Homer G., Bradmiller, Parker, and Plogstedt. 2,846,630.
- Parker, Charles B., and R. L. Bibb, to First American National Bank. Air-brake safety system. 2,844,412, 7-22-58, Cl. 303-86.
- Parker, Clarence E., to The Coe Mfg. Co. Sheet handling apparatus. 2,829,759, 4-8-58, Cl. 198-33.
- Parker, Daniel, to The Parker Pen Co. Pen desk set base. 2,847,977, 8-19-58, Cl. 120-108.
- Parker, Earl E., to Pittsburgh Plate Glass Co. Oxalic acid and triphenyl phosphite-containing poly-ester-ethylenic monomer resins to inhibit corrosion of metals. 2,829,120, 4-1-58, Cl. 260-45.4.
- Parker, Earl E., to Pittsburgh Plate Glass Co. Glycolic acid as a corrosion inhibitor in mixtures of ethylenic monomers and polyesters of alpha ethylenic dicarboxylic. 2,844,559, 7-22-58, Cl. 260-45.4.
- Parker, Earl E., to Pittsburgh Plate Glass Co. Polymerizable mixture of styrene and a polyester reaction product. 2,859,199, 11-4-58, Cl. 260-45.4.
- Parker, Edward M. Deformable head nails. 2,864,276, 12-16-58, Cl. 85-28.
- Parker, Edwin F. Dispensing carton with pouring spout. 2,861,732, 11-25-58, Cl. 229-17.
- Parker, Ewell E., Jr. Fish lure. 2,821,043, 1-28-58, Cl. 43-42.13.
- Parker, Frank H., to S. C. Peplin. Mixing valve. 2,845,948, 8-5-58, Cl. 137-625.17.
- Parker, Frank H., to S. C. Peplin. Mixing valve. 2,845,949, 8-5-58, Cl. 137-625.41.
- Parker, George, to The Distillers Co. Ltd. Process for the production of dibenzyl ethylenediamine. 2,862,969, 12-2-58, Cl. 260-570.9.
- Parker, George and A. W., to The English Electric Co. Ltd. Control lever mechanism for thin aerofoils. 2,855,793, 10-14-58, Cl. 74-469.
- Parker, George D. Bicycle signal. 2,852,886, 9-23-58, Cl. 46-175.
- Parker-Hannifin Corp.: *See—*
- Badger, Everett H., Jr. 2,860,652.
- Davies, Robert H. 2,860,651.
- Klamm, Carl E. 2,831,382.
- Klamm, Carl E. 2,852,063.
- McCustion, Tommy J. 2,841,429.
- Morley, John, Karanik, and Moore. 2,860,654.
- Russell, John G. 2,862,736.
- Russell, John G. 2,865,392.
- Parker, Henry W. Finger shears for self haircut. 2,819,521, 1-14-58, Cl. 30-135.
- Parker, Henry W. Manufacture of transistors. 2,840,494, 6-24-58, Cl. 148-1.5.
- Parker, Henry W. Cathode spot television receiving system. 2,840,632, 6-24-58, Cl. 178-5.4.
- Parker, Henry W. Transducer. 2,847,515, 8-12-58, Cl. 179-111.
- Parker, Henry W. Transducers. 2,851,595, 9-9-58, Cl. 250-27.
- Parker, Henry W. Transducer. 2,864,899, 12-16-58, Cl. 179-111.
- Parker, Herbert E.: *See—*
- Kelly, Gilbert A., and Parker. 2,857,015.
- Parker, Horace F.: *See—*
- Waddell, John, and Parker. 2,847,041.
- Parker, Humphrey F.: *See—*
- Schreyer, Kenneth D., Parker, and Robins. 2,851,165.
- Parker, Jack R. Components for three-dimensional industrial model. 2,846,781, 8-12-58, Cl. 35-16.
- Parker, James, to Sears, Roebuck and Co. Book support. 2,843,439, 7-15-58, Cl. 312-233.
- Parker, James E., Sr. Self-locking wheel assembly. 2,848,279, 8-19-58, Cl. 301-63.
- Parker, James R., and M. G. Brazzil; said Brazzil assor. to said Parker. Apparatus for performing multiple metal working operations on pipe. Re. 24,441, 3-4-58, Cl. 153-2.
- Parker, John J., and L. T. Morawski. Chuck for threaded articles. 2,829,897, 4-8-58, Cl. 279-2.
- Parker, John J., and L. T. Morawski. Expandable arbor. 2,831,694, 4-22-58, Cl. 279-1.
- Parker, John J., and L. T. Morawski. Twist type chuck. 2,852,262, 9-16-58, Cl. 279-1.
- Parker, John J., and L. T. Morawski. Radial jaw chuck. 2,854,240, 9-30-58, Cl. 279-121.
- Parker, John J., and L. T. Morawski. Edge clamping chuck. 2,865,643, 12-23-58, Cl. 279-106.
- Parker, John W. Internal grinding machine. 2,824,412, 2-26-58, Cl. 51-95.
- Parker, Kenneth O.: *See—*
- Booth, Harry T., Carroll, and Parker. 2,864,589.
- Parker, Konrad: *See—*
- Lux, John H., and Parker. 2,859,179.
- Pässler, Kurt, to Siemens-Schuckertwerke Akt. Magnetic clutches. 2,861,665, 11-25-58, Cl. 192-84.
- Parker, Leland L., and B. H. Matteson, Jr., to United States of America, Navy. Differential cable drive mechanism. 2,859,629, 11-11-58, Cl. 74-95.
- Parker, Leon O. Recording and reminding device in strip form. 2,833,064, 5-6-58, Cl. 40-7.
- Parker, Leon O. Recording and reminding device in disc form. 2,833,068, 5-6-58, Cl. 40-113.
- Parker, Louis W. Intercarrier television receivers. 2,826,633, 3-11-58, Cl. 178-5.8.
- Parker, Louis W. Television distribution system. 2,831,105, 4-15-58, Cl. 250-15.
- Parker, Louis W. Tuning system for television receivers. 2,849,529, 8-26-58, Cl. 178-5.8.
- Parker, Louis W. High power frequency discriminator. 2,865,986, 12-23-58, Cl. 178-5.8.
- Parker, Louis W., and P. Smith, said Smith to said Parker. Multiple contact electric switch. 2,821,581, 1-28-58, Cl. 200-16.
- Parker Mfg. Co.: *See—*
- Waterbury, Glenn J. Re. 24,465.
- Parker, Maynard L. Film rack. 2,845,852, 8-5-58, Cl. 95-100.
- Parker, Melvin J., and A. J. Turpin, to Hauck Mfg. Co. Gas fired radiant tube burner. 2,820,447, 1-21-58, Cl. 126-91.
- Parker, Mildred H. Ringlet curler. 2,833,293, 5-6-58, Cl. 132-112.
- Parker, Norman W., to Motorola, Inc. Color television. 2,833,853, 5-6-58, Cl. 178-5.4.
- Parker, Norman W., and B. S. Parmet, to Motorola, Inc. Color television, frequency control system. 2,820,091, 1-14-58, Cl. 178-5.4.
- Parker Pen Co.: *See—*
- Dyson, John J. 2,855,898.
- Lawton, Ray A. 2,847,975.
- Parker, Daniel. 2,847,977.
- Spaulding, Raymond L. 2,847,976.
- Parker, Percy W.: *See—*
- McCartney, Bruce L. 2,865,588.
- Parker, Rienzi B., Jr., to Arthur D. Little, Inc. Filter construction. 2,835,341, 5-20-58, Cl. 183-69.
- Parker, Robert P., and J. F. Hosier, to American Cyanamid Co. 1,1-dimethyl-2,2-di-(1-cyanoethyl) hydrazine, method of preparing, and compositions and method for controlling nematodes. 2,844,503, 7-22-58, Cl. 167-22.
- Parker, Robert P., and J. F. Hosier, to American Cyanamid Co. 1,1,2-tri-(1-cyanoethyl) hydrazine, method of preparing and compositions and methods for controlling nematodes. 2,844,504, 7-22-58, Cl. 167-22.
- Parker, Robert S. Multi-color television viewer for children. 2,844,987, 7-29-58, Cl. 88-1.
- Parker, Samuel J. Attachment for non-removable tags. 2,829,455, 4-8-58, Cl. 40-24.
- Parker, Samuel P., to Callaway Mills Co. Apparatus for producing core yarns. 2,859,583, 11-11-58, Cl. 57-36.
- Parker, Stanley R., and C. D. Phillips, to Northrop Aircraft, Inc. Rocket ejection system. 2,833,494, 5-6-58, Cl. 244-63.
- Parker, Sydney R., and E. Fischer, to United States of America, Navy. Amplitude comparison circuit. 2,849,606, 8-26-58, Cl. 250-27.
- Parker, Ted M. Combined heat baffle and filter attachment. 2,827,127, 3-18-58, Cl. 183-51.
- Parker, Theodore B., to General Electric Co. Fuel drainage system for plural manifolds. 2,846,845, 8-12-58, Cl. 60-39.09.
- Parker, Theodore B., and R. G. Willard. Planning boards. 2,822,632, 2-11-58, Cl. 40-63.
- Parker, Theodore C., and W. C. Griffin. Shutter attachment for high speed cameras. 2,822,721, 2-11-58, Cl. 88-16.
- Parker, Robert P., and A. Abbey, to American Cyanamid Co. Textile fabrics containing neomycin. 2,830,011, 4-8-58, Cl. 167-84.
- Parker Rust Proof Co.: *See—*
- Cramer, Marco J. 2,849,344.
- Jenkins, Herbert A. H., and Freeman. 2,850,417.
- Logue, Earl E., Jr. 2,849,107.
- Logue, Earl E., Jr., and Bell. 2,840,498.
- Keller, Heinz, Lampatzer, and Brodt. 2,835,618.
- Maurer, James I. 2,835,617.
- Rausch, Werner. 2,819,193.
- Rausch, Werner, Gonnert, and Brodt. 2,835,616.
- Somers, Richard I., and Petry. 2,859,145.
- Parker, Walter G.: *See—*
- Fitton, William A., and Parker. 2,828,040.
- Parker, Walter O.: *See—*
- Gay, Fred G., Jr., and Parker. 2,840,821.
- Parker, Warde L.: *See—*
- Clifton, John R., and Parker. 2,822,783.
- Parker, Warde L., to Aeroquip Corp. Band clamp with selective girth adjustment means. 2,846,244, 8-5-58, Cl. 285-409.
- Parker, Wesley R., to Sloan Valve Co. Adjustable handle assembly for flush valves. 2,858,846, 11-4-58, Cl. 137-359.
- Parker, Wilton E., and C. H. Paul, to The Garrett Corp. Fluid propulsion apparatus. 2,827,261, 3-18-58, Cl. 253-55.

- Parker, Winfred E.: *See*—
Swern, Daniel, and Parker. 2,838,480.
- Parkoursburg-Aetna Corp.: *See*—
Harrington, Richard F. 2,823,553.
Harrington, Richard F. 2,823,965.
Harrington, Richard F. 2,823,967.
Rozner, Joseph J. 2,843,238.
- Parkes, Eric B., to Joseph Lucas (Industries) Ltd. Wind-shield wiper arm connection. 2,832,982, 5-6-58, Cl. 15-255.
- Parkes, Philip G., to Adamant Engineering Co. Ltd. Booster motor for vehicle power assisted steering mechanism. 2,829,624, 4-8-58, Cl. 121-41.
- Parkes, Ralph C. Insulated panel. 2,825,432, 3-4-58, Cl. 189-34.
- Parkin, Ernest M., to Union Oil Co. of California. Split treatment sweetening of cracked gasoline with a phenylene-diamine and alkali. 2,853,428, 9-23-58, Cl. 196-29.
- Parkin, Leslie: *See*—
Simpson, John, and Parkin. 2,840,113.
- Parkin, Leslie, to United Carr Fastener Corp. Sheet metal fastening device. 2,825,948, 3-11-58, Cl. 24-73.
- Parkin, Leslie, to United-Carr Fastener Corp. Fasteners. 2,862,267, 12-2-58, Cl. 24-73.
- Parkin, Phyllis A.: *See*—
Franklin, Alan D., and Parkin. 2,827,473.
- Parkinson, David B., and J. J. Neff, to Clevite Corp. Constant speed drive system. 2,851,892, 9-16-58, Cl. 74-219.
- Parkinson, John S., and W. A. Jack, to Johns-Manville Corp. Heating system. 2,845,252, 7-29-58, Cl. 257-124.
- Parkinson, Norman, to P. R. Mallory & Co., Inc. Primary cell. 2,822,416, 2-4-58, Cl. 136-107.
- Parkman, William C. Bait holder for use in impaling bait on a fishhook. 2,847,789, 8-19-58, Cl. 43-1.
- Parkmaster Systems Inc.: *See*—
Porter, William J. 2,846,088.
- Parks-Cramer Co.: *See*—
Long, John R. 2,844,495.
- Parks, John H., to Caterpillar Tractor Co. Resilient coupling for torque transmitting drive shaft. 2,860,497, 11-18-58, Cl. 64-15.
- Parks, John H., and R. P. van Zandt, to Caterpillar Tractor Co. Resilient gear. 2,841,000, 7-1-58, Cl. 64-27.
- Parks, John M.: *See*—
Jaffe, Sigmund, and Parks. 2,839,380.
- Parks, King W., to Parks-Whipple, Inc. Agricultural machine. 2,853,930, 9-30-58, Cl. 97-56.
- Parks, Raymond W., and R. H. Bergman, to Davey Products Co., Inc. Fabricated bottle carrier. 2,827,198, 3-18-58, Cl. 220-117.
- Parks, Robert F., to Steel Heddle Mfg. Co. Self-locking adjusting screw assembly for yarn tensioning device. 2,859,779, 11-11-58, Cl. 139-217.
- Parks-Whipple, Inc.: *See*—
Parks, King W. 2,853,930.
- Parks, William: *See*—
Bidner, John, Connor, McClure, and Parks. 2,840,872.
- Parks, William W., and W. R. Peterson, to Vapor Heating Corp. Grill and support for electrical heater. 2,866,070, 12-23-58, Cl. 219-34.
- Parkyn, Lionel E. Device for raising power conductor lines. 2,838,279, 6-10-58, Cl. 254-134.3.
- Parkyn, Lionel E. Power conductor isolator. 2,838,595, 6-10-58, Cl. 174-138.
- Parlin, David D., to Bigelow-Sanford Carpet Co., Inc. Manufacture of pile yarn and of pile carpet made therefrom. 2,822,605, 2-11-58, Cl. 28-72.
- Parmelee, G. Kendall: *See*—
MacFarlane, Robert. 2,828,132.
- Parmelee Plastics Co.: *See*—
Watkins, Willis T. 2,823,385.
- Parmenter, Morgan D., to University of Toronto, Ontario College of Education, The Guidance Centre. Question and answer sheet with answers on both faces readable through translucent area. 2,859,541, 11-11-58, Cl. 35-48.
- Parmenter, Raymond O., to Powers-Samas Accounting Machines Ltd. Record controlled statistical machines. 2,848,048, 8-19-58, Cl. 164-111.
- Parmer, Delphin J. Opening device for bags. 2,851,212, 9-9-58, Cl. 229-66.
- Parmet, Albert, to Par-Metal Products Corp. Desk type control cabinet constructions for electronic and electrical apparatus. 2,831,745, 4-22-58, Cl. 312-257.
- Parmet, Bernard S.: *See*—
Parker, Norman W., and Parmet. 2,820,091.
- Par-Metal Products Corp.: *See*—
Parmet, Albert. 2,831,745.
- Parmiter, Hope & Sugden Ltd.: *See*—
Sugden, Eric W. 2,858,396.
- Parmlee, David. Fishing rig. 2,857,703, 10-28-58, Cl. 43-42.28.
- Parmley, John W., to La Belle Industries, Inc. Focusing lens mount. 2,835,164, 5-20-58, Cl. 88-24.
- Parmley, Ralph D., to Leiman Bros., Inc. Means for cooling high vacuum rotary pumps. 2,843,313, 7-15-58, Cl. 230-207.
- Parnell, John, to Minneapolis-Honeywell Regulator Co. Thermal converter power measuring apparatus. 2,833,988, 5-6-58, Cl. 324-119.
- Parnell, John, to Minneapolis-Honeywell Regulator Co. Electrical apparatus. 2,835,442, 5-20-58, Cl. 235-61.
- Parnie, Alexander D., to Trailrack Transit, Inc. Vehicular load handling apparatus. 2,828,876, 4-1-58, Cl. 214-75.
- Parode, Lowell C.: *See*—
Jacob, Don M., Parode, and St. John. 2,861,179.
- Parodi, Federico A. Device for vacuum sealing containers. 2,842,916, 7-15-58, Cl. 53-88.
- Parodi, Federico A. Device for closing bottles by vacuum with crown type caps and machine that includes the said device. 2,842,917, 7-15-58, Cl. 53-88.
- Parodi, Federico A. Apparatus for applying a crown cap to a bottle under vacuum conditions. 2,842,918, 7-15-58, Cl. 53-88.
- Parodi, Felice, to Casther S. A. Device for the control of electrical supply for electrotherapeutic purposes, especially for stimulatory. 2,864,371, 12-16-58, Cl. 128-419.
- Parodi, Giulio L.: *See*—
Henderson, Jack C., and Parodi. 2,826,885.
- Parr, Bernard F.: *See*—
Clark, Earl K., and Parr. 2,838,989.
- Parr, Bernard F., to Westinghouse Electric Corp. Steam iron. 2,853,815, 9-30-58, Cl. 38-77.
- Parr, Bernard F., to Westinghouse Electric Corp. Toaster apparatus. 2,853,936, 9-30-58, Cl. 99-339.
- Parr, James R., and E. L. Shaw, to American Brake Shoe Co. Pressure compensator for variable volume pumps. 2,835,228, 5-20-58, Cl. 121-41.
- Parr, Keith. Pressure control apparatus. 2,864,395, 12-16-58, Cl. 137-116.5.
- Parre, Edwin: *See*—
Stoner, Harry B., Parre, and Walter. 2,862,643.
- Parrelli, Benjamin F.: *See*—
Chandler, James D., Parrelli, and Willhauck. 2,856,620.
- Parrett, Arthur N., to Rayonier Inc. Pulp purification. 2,823,119, 2-11-58, Cl. 92-11.
- Parrett, Arthur N., to Rayonier Inc. Pulp purification and chemical recovery. 2,823,120, 2-11-58, Cl. 92-11.
- Parrett, Arthur N., to Rayonier Inc. Wood pulp preparation. 2,823,121, 2-11-58, Cl. 92-13.
- Parrett, Dent, to Lambert Brake Corp. Adjustable clutch release and operating mechanism. 2,820,538, 1-21-58, Cl. 192-93.
- Parrett, Dent, to Lambert Brake Corp. Friction elements for clutches, brakes and the like. 2,829,750, 4-8-58, Cl. 192-107.
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- Patterson, William J., and E. H. Haase, to Swift & Co. Fowl head holding and positioning apparatus. 2,846,717, 8-12-58, Cl. 17-11.
- Patti, Fred D. Temperature responsive electric switch. 2,830,157, 4-8-58, Cl. 200-138.
- Patti, Thomas A., 50% to W. Brauer. Accordions. 2,830,482, 4-15-58, Cl. 84-376.
- Pattiani, Alois W. Door frame mounting and method of procedure. 2,865,060, 12-23-58, Cl. 20-11.
- Pattillo, Samford I.: *See*—
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- Pattinson, Darwin G. Gas burner. 2,839,131, 6-17-58, Cl. 158-99.
- Pattinson, George H. Endless belt conveyor system. 2,845,163, 7-29-58, Cl. 198-1.
- Pattison, Dexter B., to E. I. du Pont de Nemours and Co. Poly (polyalkylene ether urethane) polymers containing terminal epoxide groups. 2,830,038, 4-8-58, Cl. 260-77.5.
- Pattison, Dexter B., to E. I. du Pont de Nemours and Co. Process for the preparation of piperazine derivatives. 2,859,216, 11-4-58, Cl. 260-268.
- Patton, Charles E.: *See*—
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- Patton, Henry W., to Collins Radio Co. Electronically switched filter circuit. 2,829,251, 4-1-58, Cl. 250-27.
- Patton, James L.: *See*—
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- Patton, James L., to The M. W. Kellogg Co. Hydrocarbon conversion system. 2,854,319, 9-30-58, Cl. 23-288.
- Patton, James L., and C. Bednars, to The M. W. Kellogg Co. Hydrocarbon hydroconversion where petroleum fractions are treated in parallel reactions while passing hydrogen serially through the reactors. 2,833,698, 5-6-58, Cl. 196-28.
- Patton, James L., G. W. Stanford, and W. P. Burton, to The M. W. Kellogg Co. Isomerization of hydrocarbons. 2,834,823, 5-13-58, Cl. 260-683.65.
- Patton, John D., to The Firestone Tire & Rubber Co. Plastic tube extruder. 2,821,745, 2-4-58, Cl. 18-14.
- Patton, Luke U., 50% to R. M. Hall. Vehicular water heaters for field use. 2,865,612, 12-23-58, Cl. 257-205.
- Patton, Richard A., to Texas Gulf Sulphur Co. Conversion of hydrogen sulfide to sulfur with quinones. 2,819,950, 1-14-58, Cl. 23-225.
- Patton, Robert C. Folding and antifouling anchor. 2,857,875, 10-28-58, Cl. 114-208.
- Patton, Stewart U. Stave construction for propeller shaft bearings. 2,864,659, 12-16-58, Cl. 308-238.
- Patton, Tad L., to Monsanto Chemical Co. Dihydroanthracenedicarboxaldehydes and process of preparing. 2,857,434, 10-21-58, Cl. 260-599.
- Patton, Tad L. M.: *See*—
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- Patton, Theodore E., and G. C. Wiggins, to American Enka Corp. Cam for pot spinning. 2,826,036, 3-11-58, Cl. 57-77.
- Patton, Theodore H., to Uarco Inc. Assembly of series-connected envelopes and method of making same. 2,824,685, 2-25-58, Cl. 229-69.
- Patton, Victor L. Hook guard. 2,833,017, 5-6-58, Cl. 24-238.
- Patton, Wilbur L.: *See*—
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- Patton, Woodie. Automobile molding clip. 2,846,743, 8-12-58, Cl. 24-73.
- Patzner, William A., to Seth B. Atwood. Coin testing device. 2,839,175, 6-17-58, Cl. 194-102.
- Patzner, William A., and W. A. Tratsch, to W. P. Attenburg. Coin testing device. 2,823,783, 2-18-58, Cl. 194-102.
- Pauker, Frances. Tapered broom. 2,849,740, 9-2-58, Cl. 15-160.
- Paul, Albert P.: *See*—
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- Paul, Alex, to Radio Steel & Mfg. Co. Wheel structure and bearing member for use in same. 2,840,421, 6-24-58, Cl. 301-63.
- Paul, Carlton H.: *See*—
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- Paul, Charles E., 50% to L. Z. Paul. Toy whip. 2,838,863, 6-17-58, Cl. 40-126.
- Paul, Charles E., 50% to L. Paul. Toy roundabout. 2,839,296, 6-17-58, Cl. 272-31.
- Paul, Claude L.: *See*—
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- Paul, Gerald R.: *See*—
Foote, Howard L., and Paul. 2,829,308.
- Morris, Frank A., Paul, and Fisher. 2,854,521.
- Paul, Gerald R., to General Dynamics Corp. Binary counting chain. 2,839,705, 6-17-58, Cl. 315-84.5.
- Paul, Joseph N. Cam assembly. 2,839,948, 6-24-58, Cl. 74-568.
- Paul, Kenneth R. Skirt hanger. 2,824,678, 2-25-58, Cl. 223-88.
- Paul, Lena: *See*—
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- Paul, Lena Z.: *See*—
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- Paul, Mahrie F. Cord support. 2,853,026, 9-23-58, Cl. 105-150.
- Paul, Otto. Cleansing plant for the cleansing of milking-machine parts and milking utensils. 2,856,940, 10-21-58, Cl. 134-108.
- Paul, Walter, to F. Hölscher and A. Windmüller, trading as Windmüller and Hölscher. Apparatus for automatically controlling the paper feed speed in large paper bag machines. 2,830,811, 4-15-58, Cl. 271-2.6.
- Paul, Wanda L. Lamp assembly. 2,836,710, 5-27-58, Cl. 240-81.
- Paulding, David L., to R. E. F. Mfg. Corp. Liquid dispensing machine. 2,853,208, 9-23-58, Cl. 222-76.
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- Pauley, Sebert J., to G. Miller. Pipe bevelling device. 2,865,625, 12-23-58, Cl. 266-23.
- Pauli, Karl-Heinz. Outside thermometer particularly for motor vehicles. 2,839,924, 6-24-58, Cl. 73-349.
- Pauli, William J. Solid battery. 2,851,510, 9-9-58, Cl. 136-103.
- Paulin, Madeleine. Mazout burners. 2,845,115, 7-29-58, Cl. 158-73.
- Paul, Ambrose D., to Wheeling Stamping Co. Composite metal and plastic collapsible tube. 2,829,802, 4-8-58, Cl. 222-92.
- Pauli, Peter L.: *See*—
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- Pauli, Peter L., to Texaco Development Corp. Process for recovering metal values from ore. 2,847,300, 8-12-58, Cl. 75-103.
- Paulos, Harry, and C. D. Graber, to Diebold Inc. Rotary filing appliance. 2,856,254, 10-14-58, Cl. 312-266.
- Pauls, Edwin A., and T. B. Diersen, to Reynolds Metals Co. Apparatus for slitting aluminum webs and rewinding strips therefrom. 2,849,193, 8-26-58, Cl. 242-78.1.
- Pauls, Theron F., to Olin Mathieson Chemical Corp. Sheet metal making. 2,835,025, 5-20-58, Cl. 29-157.3.
- Paulsen, Earl W. Grain windrower. 2,864,227, 12-16-58, Cl. 56-192.
- Paulsen, Hans C., to United Shoe Machinery Corp. Coating machine having means for melting and ejecting charges of thermoplastic cement. 2,822,778, 2-11-58, Cl. 118-410.
- Paulsen, Hans C., to United Shoe Machinery Corp. "Gluing-off" machines for books using heat-softenable cement in rod form. 2,824,541, 2-25-58, Cl. 118-7.
- Paulsen, Harold A. Movable shelter-stationary shelter connector. 2,840,866, 7-1-58, Cl. 20-1.
- Paulsen, Jean F., to Company "Luxembourgeoise de Brevets et de Participations." Anti-vibration resilient supports. 2,865,586, 12-23-58, Cl. 248-10.
- Paulsen, Jean-Felix, to Societe Luxembourgeoise de Brevets et de Participations. Resilient interconnecting systems of the variable flexibility type. 2,831,673, 4-22-58, Cl. 267-1.
- Paulsen, Paul. Mechanical tuning device for Hawaiian guitar. 2,828,660, 4-1-58, Cl. 84-312.
- Paulsen, Paul L., and C. W. Altmann, to Hamilton Mfg. Co. Drafting board with flexible displaceable cover. 2,861,386, 11-25-58, Cl. 45-131.
- Paulsen, Sidney M. Pie rack. 2,845,183, 7-29-58, Cl. 211-41.
- Paulsen, Thorwell H.: *See*—
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- Paulsen, William F.: *See*—
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- Paulson, Christian, to Western Electric Co., Inc. Device for aligning pins on an article. 2,861,620, 11-25-58, Cl. 153-32.
- Paulson, Medford W. Clamping spanner wrench. 2,847,888, 8-19-58, Cl. 81-90.
- Paulsen, Horst W. A. Method and means of improving the structural characteristics of sheet material. 2,842,237, 7-8-58, Cl. 189-85.
- Pauly, Jacob L., to Bendix Aviation Corp. Regulator. 2,857,910, 10-28-58, Cl. 128-144.
- Pause, Carl W.: *See*—
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- Paust, Lawrence R. deceased; L. M. Paust, administratrix, to Physical Medicine Products Co. Electro-therapy generator. 2,835,672, 6-10-58, Cl. 250-36.
- Paust, Leah M.: *See*—
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- Pavelka, Jerry, to United States Steel Corp. Apparatus for inserting connecting nipples into hose. 2,821,775, 2-4-58, Cl. 29—237.
- Pavolle, Leo, to Technicolor New York Corp. Apparatus for automatically processing a sensitized film in successive steps. 2,837,988, 6-10-58, Cl. 95—89.
- Pavelle, Samuel, to Technicolor New York Corp. Film storage unit. 2,851,188, 9-9-58, Cl. 220—97.
- Pavenick, Stanford, to Aljen Mfg. Corp. Portable illuminated mirror. 2,821,620, 1-28-58, Cl. 240—4.2.
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- Pavesi, Franco. Hydraulic piston pump, particularly suitable for differential hydraulic transmissions. 2,844,002, 7-22-58, Cl. 60—53.
- Pavesi, Mario, to Pavesi Biscottini di Novara S. p. A. Device for arranging biscuits. 2,831,564, 4-22-58, Cl. 198—30.
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- Pavlic, Mary C., to The Hoover Co. Steam distributor for steam iron. 2,846,794, 8-12-58, Cl. 38—77.
- Pavlovich, John, Jr.: See—Mundell, James M., and Pavlovich. 2,740,930.
- Pavoni, Paul: See—Broyles, Horace N., Evans, Pavoni, and Kindel. 2,850,857.
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- Pawel, Hans E.: See—Adams, William E., Faulkner, Kleinfelder, and Pawel. 2,828,353.
- Pawley, Myron G., to United States of America, Commerce. Phase-sampling telemeter. 2,845,613, 7-29-58, Cl. 340—183.
- Pawlicki, Clarence D.: See—Zink, Harold F., Taylor, and Pawlicki. 2,836,848.
- Pawlikowski, Edward T., to Rockwell-Standard Corp. Spring cushion construction. 2,856,989, 10-21-58, Cl. 155—179.
- Pawling, Frank: See—Elmer, Arthur E. H., Pawling, and Orloff. 2,859,734.
- Pawling Rubber Corp.: See—Hollander, L. Preston. 2,847,731.
- Pawlowski, Walter F. Elevated sectional flooring. 2,830,332, 4-15-58, Cl. 20—8.
- Pawlowski, Zygmunt A. Articulated leg brace. 2,827,897, 3-25-58, Cl. 128—80.
- Pawtucket Screw Co.: See—Carangelo, William. 2,829,387.
- Paxton, Charles E.: See—Westlund, Roy A., Jr., and Paxton. 2,862,825.
- Paxton, Elisha W., to Thermal Engineering Co. Continuous glass melting furnace. 2,860,449, 11-18-58, Cl. 49—54.
- Paxton, Elisha W., to Stratabar Process Co. Method and apparatus for producing molten silicates. 2,866,838, 12-30-58, Cl. 13—6.
- Paxton, Homer W., to United States Rubber Co. Method of bonding elastomers to other materials and adhesive compositions used therefor. 2,844,502, 7-22-58, Cl. 154—139.
- Payne, Albert E. Indicating means. 2,850,819, 9-9-58, Cl. 40—3.
- Payne, Asa A. Pipe lifting holder. 2,821,767, 2-4-58, Cl. 24—249.
- Payne, Charles F. Transportation equipment. 2,822,073, 2-1-58, Cl. 193—35.
- Payne, Clifford M., to Iron Fireman Mfg. Co. Electric switch operator. 2,838,892, 5-6-58, Cl. 200—138.
- Payne, Elmer C., to Sylvania Electric Products Inc. Electroluminescent lamp. 2,838,715, 6-10-58, Cl. 315—108.
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- Payne, Frank E., to Crane Packing Co. Rotary mechanical seal. 2,855,226, 10-7-58, Cl. 286—11.14.
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- Payne, George B.: See—Bell, Edward R., and Payne. 2,853,494.
- Smith, Curtis W., Payne, and Shokal. 2,856,369.
- Payne, George B., C. W. Smith, and A. C. Mueller, to Shell Development Co. Amides of polyunsaturated long chain dibasic acids and resinous products prepared therefrom. 2,832,799, 4-29-58, Cl. 260—482.
- Payne, Grady L., to Socony Mobil Oil Co., Inc. Method and apparatus for the controlled withdrawal of granular solids from a liquid-granular solids contacting zone. 2,834,721, 5-13-58, Cl. 196—147.
- Payne, Harold R.: See—Gorsica, Chester J., and Payne. 2,828,988.
- Payne, Hugh F., and R. W. Bauer, to John B. Pierce Foundation. Apparatus for heating fluids. 2,845,907, 8-5-58, Cl. 122—275.
- Payne, James K.: See—Kneisely, James D. 2,864,219.
- Payne, John H., Jr., to General Electric Co. Adjustable slit mechanism. 2,852,684, 9-16-58, Cl. 250—41.9.
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- Payne, John W., to Socony Mobil Oil Co., Inc. Hydrocarbon conversion. 2,854,161, 9-30-58, Cl. 214—152.
- Payne, John W., and K. E. Magin, to Socony Mobil Oil Co., Inc. Transfer of granular contact material. 2,826,313, 3-11-58, Cl. 214—17.
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- Payne, Lyle L., to Hughes Tool Co. Replaceable nozzle for drill bits. 2,855,182, 10-7-58, Cl. 255—314.
- Payne, Nelson M., to Allied Thermal Corp. Temperature and pressure control for dual duct air conditioners. 2,821,343, 1-28-58, Cl. 236—13.
- Payne, Nigel E., and F. Freeman, to Rolls-Royce Ltd. Stator construction for axial-flow fluid machine. 2,836,393, 5-27-58, Cl. 253—78.
- Payne, Peter R., to Austier Aircraft Ltd. Rotary wing with shear pin mounting. 2,863,514, 12-9-58, Cl. 170—160.56.
- Payne, Virginia L., and D. B. Lytle. Switchboard message tabs and holders. 2,818,662, 1-7-58, Cl. 35—66.
- Payne, Walter B.: See—Vander Tuin, John, and Payne. 2,840,237.
- Payne, Wesley J., to Westinghouse Electric Corp. Ear plate. 2,862,135, 11-25-58, Cl. 313—260.
- Payne, Woodrow W. Hydraulic torque conversion device. 2,830,544, 4-15-58, Cl. 103—161.
- Paynter, Donald A., to General Electric Co. Transistor converter. 2,826,731, 3-11-58, Cl. 321—2.
- Payson, Peter: See—Dulis, Edward J., and Payson. 2,862,812.
- Payson, Richard C., to The Portland Co. Apparatus for use in cleaning the interiors of barrels. 2,845,934, 8-5-58, Cl. 134—56.
- Payton, Coy V.: See—Burley, Samuel T. Jr., and Payton. 2,825,322.
- Payzor, Samuel D., and B. G. Sayles, to D. J. Murray Mfg. Co. Safety device for actuating hydraulic gates. 2,847,179, 8-12-58, Cl. 251—64.
- Pazan, Arthur W. Apparatus for applying reinforcing fibrous material to a plastic pipe. 2,829,699, 4-8-58, Cl. 154—1.7.
- Pazandak, Louis A., to Halvorson Trees, Inc. Method and machine for constricting collar onto shaft. 2,838,789, 6-17-58, Cl. 18—1.
- Pazderski, Roman R.: See—Stremke, William F., W. F., Jr., and Pazderski. 2,840,962.
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- Peabody, Ralph C.: See—Swanson, Albert S., and Peabody. 2,829,391.
- Peach, James W., and C. A. Kuhne, to Westinghouse Electric Corp. Induction heating apparatus. 2,858,404, 10-28-58, Cl. 219—10.49.
- Peacock, Finley C., to Calvis Co. Bottle-mounted spray and mechanical cleaner for windshields. 2,828,500, 4-1-58, Cl. 15—105.
- Peacock, Helen R.: See—Reeves, Margaret S., and Peacock. 2,826,797.
- Peacock, Wendell C., and G. F. Ziffer, to Tracerlab, Inc. Pulse counting circuit. 2,829,269, 4-1-58, Cl. 250—83.6.
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- Peak, Roby G. L.: See—Bunnell, Donald A., and Peak. 2,823,153.
- Peake, Alsie F.: See—Jacks, Elizabeth A., and Peake. 2,864,383.
- Peale, Marshall B. Suction head for a vacuum cleaner. 2,862,226, 12-2-58, Cl. 15—395.
- Pear, Charles B., Jr., to Minneapolis-Honeywell Regulator Co. Magnetic tape playback speed control system. 2,828,459, 3-25-58, Cl. 318—318.
- Pearce Development Co.: See—Pearce, Lewis C. 2,829,570.
- Pearce, Lewis C. 2,858,794.
- Pearce, Dixon F., and R. L. Freeman. Quill feeding apparatus. 2,840,116, 6-24-58, Cl. 139—245.
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- Pearce, George C., to General Motors Corp. Electric heating unit. 2,851,571, 9-9-58, Cl. 201—67.
- Pearce, Heyward J., to General Railway Signal Co. Safety device to restrict operation of switch control levers. 2,847,526, 8-12-58, Cl. 200—42.
- Pearce, Howard R.: See—Langbart, Reginald V., and Pearce. 2,821,953.
- Pearce, James G.: See—Allum, Robin D., Denby, and Pearce. 2,860,190.
- Pearce, John H. Method and means for the erection of tip up walls. 2,859,884, 11-11-58, Cl. 214—1.
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- Pearce, Louis W. H., to James Walker and Co. Ltd. Packing. 2,827,319, 3-18-58, Cl. 288-20.
- Pearce, Louis W. H., and K. V. Jones, to Walker, James and Co. Ltd. Metal packing for rotary and reciprocating shafts and the method of making the same. 2,819,919, 1-14-58, Cl. 288-15.
- Pearce, Sidney J.: *See*—
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- Pearce, Thomas H., to National-Standard Co. Cradle. 2,854,037, 9-30-58, Cl. 140-149.
- Pearce, Walter H. Speed rate of reading indicator. 2,865,114, 12-23-58, Cl. 35-35.
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- Pearl, John J., to Cascades Plywood Corp. Veneer joggers and jointers. 2,834,384, 5-13-58, Cl. 144-117.
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- Pearne, Frank S., to Regent Jack Mfg. Co. Load handling apparatus. 2,819,873, 1-14-58, Cl. 254-148.
- Pearsall, Ralph E., and L. A. Severy, to United Shoe Machinery Corp. Method of making flat rib welt shoes. 2,832,975, 5-6-58, Cl. 12-142.
- Pearsall, Thomas J., to Continental Aviation & Engineering Corp. Engine cooling system. 2,853,981, 9-30-58, Cl. 123-41.63.
- Pearse, Richard H., Jr., and A. Butt, to The Trane Co. Heat exchanger. 2,819,045, 1-7-58, Cl. 257-241.
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- Pearson, Edward P., and V. V. Hughey, to Basic, Inc. Refractory manufacture. 2,846,326, 8-5-58, Cl. 106-60.
- Pearson, Eric: *See*—
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- Pearson, Gerald L., to Bell Telephone Laboratories, Inc. Silicon single crystal conductor devices. 2,858,246, 10-28-58, Cl. 148-33.
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- Pearson, Louis V. Cow positioning device. 2,853,052, 9-23-58, Cl. 119-27.
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- Pearson, Ralph L., Jr. Power disc spiker. 2,864,294, 12-16-58, Cl. 97-46.
- Pearson, Raymond E., to Boeing Airplane Co. Airplane wing with slotted flap, cove lip door, and spoiler. 2,836,380, 5-27-58, Cl. 244-42.
- Pearson, Reinhold A., and B. Weremiczkyk. Box setting up machine. 2,827,838, 3-25-58, Cl. 93-36.8.
- Pearson, Robert A.: *See*—
Lauicus, Joseph F., and Pearson. 2,835,550.
- Pearson, Robert L., to Craft Mfg. Co. Milk-cooling storage tank. 2,824,431, 2-25-58, Cl. 62-141.
- Pearson, Roy W., to The Taylor-Winfield Corp. Indexing apparatus for stitch welders and the like. 2,856,511, 10-14-58, Cl. 219-37.
- Pearson, Thomas A., to Southland Mower Co., Inc. Safety adapter for attaching a mower blade to a shaft. 2,862,737, 12-2-58, Cl. 287-53.
- Pearson, Tillmon H.: *See*—
Blitzer, Sidney M., and Pearson. 2,859,225-232.
- Pearson, Wendell H. Liquid dispenser cap. 2,828,055, 3-25-58, Cl. 222-513.
- Pearson, William S., to Clifton Conduit Co., Inc. Means for handling freshly galvanized pipe during internal swabbing. 2,824,542, 2-25-58, Cl. 118-60.
- Pearson, William S. Means for angularly joining rigid metal tubing including a flat key element. 2,835,513, 5-20-58, Cl. 285-222.
- Pearson, Yates. Grass header. 2,836,027, 5-27-58, Cl. 56-158.
- Pease, Donald C., to E. I. du Pont de Nemours and Co. Process for the preparation of difluorosilylene and the polymers thereof. 2,840,588, 6-24-58, Cl. 260-448.2.
- Pease, F. B., Co.: *See*—
Woodward, Bernard, Jr. 2,832,387.
Woodward, Bernard, Jr., and Thomson. 2,859,784.
- Pease, George R., and T. E. Kihlgren, to The International Nickel Co., Inc. Metal arc welding of 90-10 type copper-nickel material. 2,834,098, 5-13-58, Cl. 29-194.
- Pease, Richard L. Receiving apparatus for radio signals. 2,826,644, 3-11-58, Cl. 179-107.
- Pease, Robert N., to United States of America, Army. Catalyst for carbon monoxide oxidation. 2,838,462, 6-10-58, Cl. 252-471.
- Pease, William C., III: *See*—
Vandergriff, Arvel L., and Pease. 2,862,247.
- Peasgood, Harold, to Technicolor Corp. Machine for inserting pins into a perforated ribbon. 2,821,773, 2-4-58, Cl. 29-211.
- Peaslee, Lawrence R.: *See*—
Kelling, Leroy U. C., and Peaslee. 2,848,670.
- Peaslee, Lawrence R., M. Rosenblatt, and L. U. C. Kelling, to General Electric Co. Error signal developing means for position programming control system. 2,866,145, 12-23-58, Cl. 318-162.
- Peaslee, Robert L., to Wall Colmonoy Corp. Method of joining metal parts with flexible composite joining material. 2,833,030, 5-6-58, Cl. 29-496.
- Peccerilli, Donald. Apparatus for forming sheet metal articles. 2,821,945, 2-4-58, Cl. 113-44.
- Pecchenino, Paul L.: *See*—
Johnson, Reynold B., and Pecchenino. 2,824,513.
- Pecherer, Benjamin, to Hoffmann-La Roche, Inc. Purification of N,N'-diphenyl-P-phenylenediamine. 2,833,824, 5-6-58, Cl. 260-576.
- Pecherer, Benjamin, to Hoffmann-La Roche, Inc. Preparation of 2,2'-bitolyl. 2,845,466, 7-29-58, Cl. 260-668.
- Pechiney: *See*—
Perieres, Rene A. P. 2,859,958.
- Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques: *See*—
Frejaques, Jean L. M., and Guinot. 2,852,571.
Morel, Paul. 2,846,388.
Perieres, René, and Ruelle. 2,835,566.
Ruelle, Louis, and Tardieu. 2,860,965.
Simon, Suisse. 2,861,036.
Spagnoletti, Félix. 2,836,637.
Stanko, Stefan. 2,848,424.
Tardieu, Pierre. 2,848,318.
Tardieu, Pierre. 2,851,350.
- Pechukas, Alphonse, to Columbia-Southern Chemical Corp. Alpha - carbo (phenoxyalkoxy)ethyl N - phenylcarbamates. 2,819,294, 1-7-58, Cl. 260-471.
- Pechy, William, to American Can Co. Clamping and tensioning device. 2,837,025, 6-3-58, Cl. 101-415.1.
- Pechy, William, to American Can Co. Container feeding and transfer mechanism. 2,848,094, 8-19-58, Cl. 198-19.
- Pechy, William, to American Can Co. Can filling machine with scraper device. 2,857,939, 10-28-58, Cl. 141-250.
- Peck, Alvin W., to Phillips Petroleum Co. Transfer of volatile liquids and recovery of vapors of same. 2,859,594, 11-11-58, Cl. 62-50.
- Peck, Arthur W.: *See*—
Dench, Ronald E., and Lee. 2,833,019.
- Peck, David B.: *See*—
Geroulo, Michael J., and Peck. 2,823,362.
Robinson, Preston, and Peck. 2,842,726.
- Peck, David B., to Sprague Electric Co. Printed electrical resistor. 2,866,057, 12-23-58, Cl. 201-63.
- Peck, David W.: *See*—
Anderson, John R., and Peck. 2,837,531.
- Peck, Gordon V., to P. R. Mallory & Co., Inc. Electrolytic capacitor. 2,856,570, 10-14-58, Cl. 317-230.
- Peck & Hale, Inc.: *See*—
Peck, Kenneth L. 2,856,880.
- Peck, Helen M.: *See*—
Harris, Dale A., Wolf, and Peck. 2,832,788.
- Peck, Henry E., to Frying Systems, Inc. Apparatus for frying potatoes, fish, and the like. 2,853,937, 9-30-58, Cl. 99-404.
- Peck, Henry E., J. V. Sidenius, and C. R. Derby, to Chr. Hansen's Laboratory, Inc. Fudge-making process. 2,845,352, 7-29-58, Cl. 99-134.
- Peck, Jean R. Self-propelled rotary mower having improved drive. 2,859,579, 11-11-58, Cl. 56-25.4.

- Peck, Kenneth L., to Peck & Hale, Inc. Stowable ship cargo floor. 2,856,880, 10-21-58, Cl. 114-75.
- Peck, Ralph. Eyebrow form. 2,842,142, 7-8-58, Cl. 132-88.5.
- Peck, Robert L.: *See—*
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- Peck, Sumner H.: *See—*
Sylvester, Edwin E., and Peck. 2,861,899.
- Peck, William H., to American-Marietta Co. Rod classifiers. 2,852,136, 9-16-58, Cl. 209-99.
- Peckham, Herbert H., and S. L. Harris, II, to Allied Chemical & Dye Corp. Method of producing potassium and ammonium alums. 2,844,438, 7-22-58, Cl. 23-118.
- Peckham, Robert H., to George P. Pilling & Son Co. Lens system for endoscopes. 2,828,669, 4-1-58, Cl. 88-57.
- Peckham, Victor A., Jr., to Universal-Cyclops Steel Corp. Consumable electrode. 2,845,293, 7-29-58, Cl. 287-104.
- Pecovsky, Martin. Comb and curler. 2,829,656, 4-8-58, Cl. 132-122.
- Pecquerieux, Claude: *See—*
Deshenoit, Christian L. A., Deltel, Caron, and Paris. 2,838,869.
- Peddell, William H., to The Pneumatic Tent Co. Ltd. Tents and like portable structures. 2,854,988, 10-7-58, Cl. 135-1.
- Peden, Douglas T., to Micromatic Hone Corp. Spring fingered chuck. 2,822,178, 2-4-58, Cl. 279-106.
- Pedersen, Carl G. Flavor-containing milk container top. 2,824,010, 2-18-58, Cl. 99-171.
- Pedersen, Charles J., to E. L. du Pont de Nemours and Co. Photodecomposition of compounds containing a quinone-imine oxide unit. 2,831,805, 4-22-58, Cl. 204-158.
- Pedersen, Charles W.: *See—*
Corvino, Ralph, Pedersen, and Stone. 2,827,144.
- Pedersen, Edward M.: *See—*
Lca, Carlisle G., Pedersen, and Bishop. 2,855,892.
- Pedersen, Haakon O., to Thiokol Chemical Corp. Recirculation seal with plastic wear ring for hydraulic apparatus. 2,851,289, 9-9-58, Cl. 286-7.
- Pedersen, Ludwig, and A. J. Wier, to Bell Telephone Laboratories, Inc. Printed wire circuit card interconnection apparatus. 2,832,013, 4-22-58, Cl. 317-101.
- Pedersen, Marius. Fish landing gear. 2,834,138, 5-13-58, Cl. 43-11.
- Pedersen, Nicholas F., to The Torrington Co. Pedals for bicycles and the like. 2,822,703, 2-11-58, Cl. 74-594.4.
- Pedersen, Norman E. Driftless direct current amplifier. 2,866,019, 12-23-58, Cl. 179-171.
- Pedersen, Sigurd, to F. L. Smith & Co. Cyclone heat exchange apparatus. 2,866,272, 12-30-58, Cl. 34-57.
- Pedersen, Soren. Slingshot. 2,820,444, 1-21-58, Cl. 124-20.
- Pedersen, Tage V., to Fairbanks, Morse & Co. Engine foundation structure. 2,842,955, 7-15-58, Cl. 72-77.
- Pederson, Henry C., and R. L. Barnett, to The Hettrick Mfg. Co. Adjustable reclining chaise. 2,825,392, 3-4-58, Cl. 155-159.
- Pederson, Raymond L.: *See—*
Babcock, John C., Campbell, Hogg, and Pederson. 2,838,490.
- Campbell, J. Allen, Pederson, Babcock, and Hogg. 2,838,500.
- Herr, Milton E., Babcock, Campbell, Hogg, and Pederson. 2,838,491.
- Herr, Milton E., Babcock, Campbell, Hogg, and Pederson. 2,838,503.
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- Pederson, Raymond L., to The Upjohn Co. Organic compounds and process. 2,844,605, 7-22-58, Cl. 260-397.47.
- Pederson, Raymond L., M. E. Herr, J. C. Babcock, J. A. Campbell, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids. 2,838,492, 6-10-58, Cl. 260-239.5.
- Pederson, Raymond L., and A. C. Ott, to The Upjohn Co. 2,2-cyanohydrins of bis-nor-cholesterol compounds. 2,844,600, 7-22-58, Cl. 260-397.3.
- Pederson, Raymond L., and E. H. Jensen, to The Upjohn Co. 3-oxygenated bisnor-17(20)-cholesterol-22-ols. 2,844,601, 7-22-58, Cl. 260-397.3.
- Pederson, William O.: *See—*
Johnson, Clark E., Jr., and Pederson. 2,859,398.
- Pedrick, Donald R., to Hamilton Watch Co. Attachment for gauges. 2,829,440, 4-8-58, Cl. 33-178.
- Pedrick, John L., and C. W. Dawson, to Scott Paper Co. Pulp meter. 2,861,722, 11-25-58, Cl. 222-283.
- Pedroira, Edward H., and W. H. Palmer. Air pressure control devices for supplying air to liquid tanks. 2,863,600, 12-9-58, Cl. 230-52.
- Peebles, David D., to Instant Milk Co. Dried milk product and method of making same. 2,835,586, 5-20-58, Cl. 99-56.
- Peebles, David D., to Foremost Dairies, Inc. Gelatin product and process of manufacture. 2,851,364, 9-9-58, Cl. 99-130.
- Peebles, David D., to Foremost Dairies, Inc. Pectin product and process of manufacture. 2,856,288, 10-14-58, Cl. 99-132.
- Peebles, David D., to Foremost Dairies, Inc. Starch product and process of manufacture. 2,856,290, 10-14-58, Cl. 99-139.
- Peebles, David D., to Foremost Dairies, Inc. Lactose product and process of manufacture. 2,856,318, 10-14-58, Cl. 127-31.
- Peebles, David D., and P. D. Clary, Jr., to Instant Milk Co. Powdered chocolate product and process of manufacture. 2,850,388, 9-2-58, Cl. 99-24.
- Peebles, Edgar G., to O. O. Collins. Drift indicator. 2,819,537, 1-14-58, Cl. 33-205.5.
- Peebles, Neal: *See—*
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- Peedles, Chad A. Cement mixer. 2,838,291, 6-10-58, Cl. 259-177.
- Peek, Robert L., Jr.: *See—*
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- Peek, Sanford C., Jr., to Sylvania Electric Products Inc. Induction lamp. 2,842,698, 7-8-58, Cl. 313-161.
- Peek, Sanford C., Jr., to Sylvania Electric Products Inc. Photocell devices. 2,866,906, 12-30-58, Cl. 250-200.
- Peeler, George D. M., and K. S. Kelleher, to United States of America, Navy. Virtual image Luneberg lens. 2,835,891, 5-20-58, Cl. 343-754.
- Peeler, Lawrence F.: *See—*
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- Peelers Co., The: *See—*
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Lapeyre, Fernand S., and J. M. 2,832,092.
Lapeyre, Fernand S. and J. M. 2,840,850.
- Peele Co., The: *See—*
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Doeg, Paul R., and Croker. 2,860,386.
- Peeples, Maurice E. Combined insulated window sash and blind structure. 2,854,102, 9-30-58, Cl. 189-62.
- Peer, Daniel I. Combined life preserver and cushion. 2,829,386, 4-8-58, Cl. 9-17.
- Peerless Album Co., Inc.: *See—*
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- Peerless Aluminum Foundry Co., Inc.: *See—*
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- Peerless Photo Products, Inc.: *See—*
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- Peerless, Sidney A., and D. Osher. Surgical bandage. 2,820,456, 1-21-58, Cl. 128-171.
- Peerless Tube Co.: *See—*
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- Peers, Charles H., to Minister of Supply, Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Catalyst stones for the decomposition of concentrated hydrogen peroxide. 2,836,570, 5-27-58, Cl. 252-441.
- Peery, Walter E., to Kay Mfg. Corp. Clip for springs. 2,853,123, 9-23-58, Cl. 155-179.
- Peet, Nick P., to Esso Research and Engineering Co. Solvent desalting of residual oils with wash oil to remove metal contaminants. 2,853,426, 9-23-58, Cl. 196-14.46.
- Peets, Wilbur J., to The Singer Mfg. Co. Sewing machine drives. 2,863,411, 12-9-58, Cl. 112-220.
- Pegnim, Timothy C.: *See—*
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- Pekkonen, Hannes, and E. Lempinen, to R. Oy. Lift and transport mechanism. 2,837,220, 6-3-58, Cl. 212-59.
- Pehrson, Manfred E., to Prime Mfg. Co. Sole cementing machine. 2,824,544, 2-25-58, Cl. 118-407.
- Peickii, Vasalie L., to Micromatic Hone Corp. Means for inspecting screw threads. 2,829,442, 4-8-58, Cl. 33-199.
- Peickii, Vasalie L., to Micromatic Hone Corp. Machine for correcting screw threads. 2,829,471, 4-8-58, Cl. 51-95.
- Peiffer, Alfred M. Electrical wire clamp. 2,828,147, 3-25-58, Cl. 285-138.
- Peiler, Alva K., to Mrs. A. B. Maxam. Method for making lead-impregnated plastic articles. 2,845,660, 8-5-58, Cl. 18-58.6.
- Peiler, Lester R.: *See—*
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- Pellet, Lester R., and I. Mark; said Mark assor. to said Pellet. Folding hair brush. 2,832,088, 4-29-58, Cl. 15-203.
- Peirce, George A., to E. I. du Pont de Nemours and Co. Stabilization of liquid sulfur trioxide and oleums. 2,820,697, 1-21-58, Cl. 23-174.
- Peirce, George A., to E. I. du Pont de Nemours and Co. Sulfamic acid purification. 2,862,790, 12-2-58, Cl. 23-166.
- Pelc, Leonard H. Cattle rubbing and oiling device. 2,845,897, 8-5-58, Cl. 119-157.
- Pelham, George F. Marine apparatus. 2,846,851, 8-12-58, Cl. 61-46.5.
- Pellicano, Dominick P. Bath tub with reversible apron. 2,841,795, 7-8-58, Cl. 4-173.
- Pelikan, Franz: *See—*
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- Pelikan, John M., to Westinghouse Air Brake Co. Railway traffic controlling apparatus. 2,819,388, 1-7-58, Cl. 246-3.
- Pelipez, Michail G., to United States of America, Interior. Balanced hydrogenation of coal. 2,860,101, 11-11-58, Cl. 208-10.
- Pelissier, Jacques: *See—*
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- Pell, Eric: *See—*
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- Pell, Eric, to Cutler-Hammer, Inc. Excitation circuits for reversibly powered translating devices. 2,741,756, 7-1-58, Cl. 322-77.

- Pell, Eric, to Cutler-Hammer, Inc. Apparatus for regulating the voltage of electric generators. 2,845,594, 7-29-58, Cl. 322-28.
- Pell, Eric, and B. G. Wheeler, to Cutler-Hammer, Inc. Protective system for synchronous motor controllers. 2,829,325, 4-1-58, Cl. 318-170.
- Pellaton, Ernest C., to Fibreboard Paper Products Corp. Collapsible container for bakery goods and the like. 2,835,429, 5-20-58, Cl. 229-30.
- Pellaton, Ernest C., to Fibreboard Paper Products Corp. Carton construction. 2,858,968, 11-4-58, Cl. 229-37.
- Pellatt, Howard S. Self-threading shuttle eye. 2,840,115, 6-24-58, Cl. 139-223.
- Pellegrinelli, George L.: See—
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- Pellegrini, John P., Jr.: See—
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- Pellegrini, John P., Jr., and H. I. Thayer, to Gulf Research & Development Co. Motor fuel. 2,863,743, 12-9-58, Cl. 44-69.
- Pellegrini, Mary S. Method and apparatus for measuring the surface smoothness of glossy objects. 2,830,490, 4-15-58, Cl. 88-14.
- Pellegrino, Tullio. Dissolving shutter mechanism. 2,845,839, 8-5-58, Cl. 88-16.
- Pellegrino, Alfred R.: See—
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- Pellegrino, Samuel C. Segmental tire and wheel assembly. 2,859,791, 11-11-58, Cl. 152-334.
- Pelletier, Armand. Creeper with adjustable supporting surface. 2,843,391, 7-15-58, Cl. 280-32.6.
- Pelletier, Joseph A., to Allen-Crawford Ltd. Process for making candy. 2,847,947, 8-19-58, Cl. 107-54.
- Pelletier, Joseph L. Pocket tooth brush. 2,850,753, 9-9-58, Cl. 15-185.
- Pelletier, Louis G. Cigarettes. 2,841,153, 7-1-58, Cl. 131-9.
- Pelletier, Robert I.: See—
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- Pellier, Christian V.: See—
Matthysse, Irving F., and Pellier. 2,836,138.
- Pellier, Laurence D., and C. D. Di Pietro, to American Cyanamid Co. Gold plating surgical needles. 2,865,376, 12-23-58, Cl. 128-339.
- Pellin, Remo A., to E. I. du Pont de Nemours and Co. Process of purifying liquid silicon halide. 2,844,441, 7-22-58, Cl. 23-205.
- Pellissier, George E., and E. E. Wicker, to United States Steel Corp. Apparatus for determining the thickness of zinc coating on a ferrous metal base. 2,846,589, 8-5-58, Cl. 250-86.
- Pellizzetti, Italo. Motor vehicle equipped with wheels capable of steering substantially through 90° from their straight drive position. 2,863,518, 12-9-58, Cl. 180-79.2.
- Pelow, Charles A. Arm restraining device for infants. 2,843,118, 7-15-58, Cl. 128-133.
- Pels, Alan R.: See—
Giovannucci, Julius, Pels, and King. 2,845,698.
- Pelsor, Irving M.: See—
Weibel, John, Jr., and Pelsor. 2,864,550.
- Peltech, Charles H. Slidable side jaw wrenches. 2,825,254, 3-4-58, Cl. 81-165.
- Peltier, Joseph D. Z. Swing switch. 2,845,035, 7-29-58, Cl. 104-103.
- Pelton & Crane Co., The: See—
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- Pelton, George E., to I. S. Pelton. Typing apparatus and supplies for typists to enable them to secure finer writing results at less cost. 2,840,218, 6-24-58, Cl. 197-151.
- Pelton, Ida S.: See—
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- Pelton, John F.: See—
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- Peltz, Kenneth J. Sonic fishing lure. 2,833,078, 5-6-58, Cl. 43-42.31.
- Pemberton, Joseph T.: See—
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- Pemco Corp.: See—
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- Penberthy, Harvey L. Method for manufacturing glass. 2,832,958, 4-29-58, Cl. 13-2.
- Penberthy, Harvey L. Glass furnace. 2,845,750, 8-5-58, Cl. 49-54.
- Pendar, Kenneth, to Sesam S. A. Process for direct extraction of a metal from its sulphide. 2,834,669, 5-13-58, Cl. 75-77.
- Pendarvis, Bennie C.: See—
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- Pender, Lloyd G., to United-Carr Fastener Corp. Fastening device. 2,851,757, 9-16-58, Cl. 24-213.
- Pendergast, Raymond F. Leather sander. 2,860,454, 11-18-58, Cl. 51-139.
- Pendergrass, Earl K. Cutting machine for curved pipe. 2,848,215, 8-19-58, Cl. 266-23.
- Pendleton, Robert A.: See—
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- Pendleton, Robert A., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,866,637, 12-30-58, Cl. 271-2.3.
- Penfold, Ronald E., and C. H. Forsyth, to International Harvester Co. Hopper lid and hinge. 2,830,725, 4-15-58, Cl. 220-31.
- Pengelly, Charles P., to Air Master Corp. Storm windows. 2,818,610, 1-7-58, Cl. 20-55.
- Pengra, Arthur H. Hydraulic lift for fish and the like. 2,861,841, 11-25-58, Cl. 302-14.
- Penhale, Donald W.: See—
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- Penick & Ford, Ltd., Inc.: See—
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- Penity, Robert D., C. G. Harman, and E. Wainer, to The Star Porcelain Co. Low loss ceramic insulators. 2,839,414, 6-17-58, Cl. 106-46.
- Penkala, John F.: See—
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- Penketh, George E.: See—
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- Penley, Benjamin S.: See—
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- Penman, Montgomery B., to The Magee Carpet Co. Looper mechanism for multiple needle tufting machines. 2,827,866, 3-25-58, Cl. 112-79.
- Penman, Montgomery B., to The Magee Carpet Co. Heddle control mechanism for looms. 2,841,184, 7-1-58, Cl. 139-56.
- Penman, Montgomery B., to The Magee Carpet Co. Looper mechanism for multiple needle looping machines. 2,860,588, 11-18-58, Cl. 112-79.
- Penman, Peter H., to H. K. Porter Co. Double jacketed fire hose. 2,833,313, 5-6-58, Cl. 138-55.
- Penn, Alfred J., and L. A. Novard, to D. Napier & Son Ltd. Axial flow compressors. 2,820,588, 1-21-58, Cl. 230-114.
- Penn Controls, Inc.: See—
Few, William. 2,835,766.
Good, Arthur L. 2,837,918.
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- Penn Keystone Corp.: See—
Peterson, George, Jr. 2,841,779.
- Penn Optical and Instrument Co.: See—
Thompson, Kenneth B. 2,846,919.
- Penn, Ralph S., to Penn Controls Inc. Oil burner control. 2,842,192, 7-8-58, Cl. 158-28.
- Penn, William B.: See—
Fisher, Alec, and Penn. 2,837,669.
- Penner, Abraham D.: See—
Berger, Jack H. 2,851,623.
- Penney, Earl R., to Security E-Lock & Safe Co., Inc. Electric combination locks. 2,831,129, 4-15-58, Cl. 307-113.
- Penning, Frans M., deceased; J. D. Heijligers, executor, to North American Philips Co., Inc. Apparatus for detecting leaks in vacuum systems. 2,863,315, 12-9-58, Cl. 23-40.7.
- Pennington, Charles S., to The Petersen Oven Co. Article selector for conveyor system. 2,847,107, 8-12-58, Cl. 198-31.
- Pennington, Edward N., and J. E. Cottle, to Phillips Petroleum Co. Catalyst regeneration. 2,845,409, 7-29-58, Cl. 260-93.1.
- Pennington, John T., to United States of America, Army. Photographic printer with a point light source and mechanical dodging device. 2,860,561, 11-18-58, Cl. 95-79.
- Pennington, John W., to Monsanto Chemicals Ltd. Water-soluble ammonium pentachlorophenate. 2,843,635, 7-15-58, Cl. 260-623.
- Pennington, Neal A., 1/4 to R. H. Henley, and 1/4 to R. S. Hoar. Moisture-transferer for air-conditioning. 2,818,934, 1-7-58, Cl. 183-2.
- Pennington, Neal A., 1/4 to R. H. Henley, and 1/4 to R. S. Hoar. Rotatable evaporative cooler for air-conditioning. 2,823,907, 2-18-58, Cl. 261-92.
- Pennington, Reginald, to Mather & Platt Ltd. Centrifugal pumps. 2,833,525, 5-6-58, Cl. 257-215.
- Pennington, Robt V.: See—
Durant, Leonard G., Irvine, Pennington, and Surino. 2,858,211.
Durant, Leonard G., Irvine, Pennington, and Surino. 2,858,212.
Durant, Leonard G., Irvine, Pennington, and Surino. 2,858,213.
- Pennino, Charles J., to The B. F. Goodrich Co. Method for preparing halogenated maleic acid, salts and anhydrides thereof. 2,843,606, 7-15-58, Cl. 260-346.8.
- Pennino, Charles J., to The B. F. Goodrich Co. Substituted pyridazines. 2,846,433, 8-5-58, Cl. 260-250.
- Pennsalt Chemicals Corp.: See—
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Braid, Milton, and Lawlor. 2,852,569.
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Grigger, John C. 2,859,166.
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Heitman, Joseph B. 2,825,643.
Ish, Carl J. 2,837,547.
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- Pennsalt Chemicals Corp.: *See*—Continued
 Krzyszkowski, Leszek J. K. 2,860,100.
 Lawlor, Francis E., and Miville. 2,859,252.
 McCoy, George, Inman, and Kyker. 2,851,464.
 Mockrin, Isadore. 2,823,097.
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 Mockrin, Isadore. 2,860,034.
 Mockrin, Isadore, and Knapp. 2,840,481.
 Mockrin, Isadore, Lowdermilk, and Graver. 2,860,033.
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- Pennsylvania Drilling Co.: *See*—
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- Pennsylvania Engineering Corp.: *See*—
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 McFeaters, Harry L. 2,822,163.
 McFeaters, Harry L. 2,826,405.
 McFeaters, Harry L. 2,833,586.
 McFeaters, Harry L. 2,836,309.
 McFeaters, Harry L. 2,847,206.
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- Pennsylvania Furnace and Iron Co.: *See*—
 Sasserson, Curtis F., and Johnson. 2,840,337.
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- Pennsylvania Railroad Co., The: *See*—
 Robbins, Frederick O., Sweeder, Dunbar, and Wolke. 2,849,813.
 Robbins, Frederick O., Sweeder, Dunbar, and Wolke. 2,852,277.
- Pennsylvania Range Boiler Co.: *See*—
 Douglas, Peyton W. 2,861,355.
- Penon, René, to Etablissements Claude, Paz et Silva. Manufacture of coated electrodes. 2,820,920, 1-21-58, Cl. 313—344.
- Penrod, Allen M.: *See*—
 Welch, Clarence M. 2,824,369.
- Penrod, Curtis: *See*—
 Gradoff, Alex, Howell, and Vinoff. 2,822,569.
- Penrose, Reynold J. Furnace structure. 2,840,363, 6-24-58, Cl. 263—21.
- Pensak, Louis, to Radio Corp. of America. Scanning conversion apparatus. 2,833,958, 5-6-58, Cl. 315—12.
- Pensky, Mollie. Toothbrush handles. 2,835,912, 5-27-58, Cl. 15—143.
- Penta Laboratories, Inc.: *See*—
 Eaves, Hubert H., and Clinton. 2,834,846.
 Norton, Robert L. 2,848,636.
- Penther, Carl J., to Shell Development Co. Fluid pressure system including a vibrating throttling valve. 2,843,147, 7-15-58, Cl. 137—487.5.
- Penther, Carl J., R. L. Griffin, T. K. Miles, and W. C. Simpson, to Shell Development Co. Microviscometer 2,865,197, 12-23-58, Cl. 73—58.
- Pepe, Anthony E.: *See*—
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- Peperzak, Peter: *See*—
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- Pepi, John, to E. C. Houlette. Tile holding tool for use in tile cutting. 2,842,115, 7-8-58, Cl. 125—35.
- Pepitone, Vincent, and E. M. Chase, to Package Machinery Co. Batch transfer device for automatic packaging machines. 2,824,675, 2-25-58, Cl. 222—368.
- Peplin, Stephen C.: *See*—
 Parker, Frank H. 2,845,948.
 Parker, Frank H. 2,845,949.
- Peplin, Stephen C., to Lakewood Mfg. Co. Collapsible portable stove. 2,821,186, 1-28-58, Cl. 126—9.
- Peppard, Donald F., and E. S. Nachtman, to the United States of America as represented by the United States Atomic Energy Commission. Separation of scandium from aqueous solutions. 2,824,783, 2-25-58, Cl. 23—14.5.
- Pepper, Robert K. Braking system for semi-trailers. 2,842,231, 7-8-58, Cl. 188—92.
- Peppercorn, Howard J.: *See*—
 Neher, Eldon P., and Peppercorn. 2,858,150.
- Peppercorn, Howard J., to The General Tire and Rubber Co. Bushing assembly. 2,858,155, 10-28-58, Cl. 287—85.
- Peppercorn, Howard N., and E. P. Neher, to The General Tire and Rubber Co. Machine for inserting the cores of resilient bushings. 2,840,893, 7-1-58, Cl. 29—235.
- Pepperdine, Ben: *See*—
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- Pepperdine, Dora: *See*—
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- Peragallo, Ferdinand L., to Henze Instrument and Valve Inc. Temperature sensing devices. 2,848,896, 8-26-58, Cl. 73—368.
- Peralta, Octavio. Pancake baking machine. 2,861,524, 11-25-58, Cl. 107—60.
- Peras, Lucien, to Regie Nationale des Usines Renault, and R. Petignani. Fitting of panes of glass in motor vehicles. 2,818,613, 1-7-58, Cl. 20—56.4.
- Péras, Lucien, to Regie Nationale des Usines Renault. Hydraulic torque converters. 2,821,839, 2-4-58, Cl. 60—54.
- Peras, Lucien, to Regie Nationale des Usines Renault. Apparatus for continuous calibration of machining operations on machine tools. 2,826,012, 3-11-58, Cl. 51—165.
- Péras, Lucien, to Regie Nationale des Usines Renault. Welding methods and apparatus. 2,826,674, 3-11-58, Cl. 219—91.
- Péras, Lucien, to Regie Nationale des Usines Renault. Locking mechanism for vehicle hood. 2,829,914, 4-8-58, Cl. 292—217.
- Péras, Lucien, to Regie Nationale des Usines Renault. Electronic apparatus for controlling a machine. 2,838,633, 6-10-58, Cl. 219—108.
- Peras, Lucien, to Regie Nationale des Usines Renault. Method for heat treating bearings and product thereof. 2,844,500, 7-22-58, Cl. 148—21.55.
- Peras, Lucien, to Regie Nationale des Usines Renault. Low-tension sparking plug for internal combustion engines. 2,845,565, 7-29-58, Cl. 313—131.
- Péras, Lucien, to Regie Nationale des Usines Renault and Societe des Hauts-Fourneaux et Forges d'Allevard. Permanent mold having a removable core. 2,845,668, 8-5-58, Cl. 22—168.
- Peras, Lucien, to Regie Nationale des Usines Renault. Sealing device for cables or pipes passing through a wall or partition. 2,846,246, 8-5-58, Cl. 286—16.
- Péras, Lucien, to Regie Nationale des Usines Renault. Adjustable-volume volumetric injection pump. 2,846,991, 8-12-58, Cl. 123—140.
- Péras, Lucien, to Regie Nationale des Usines Renault. Device for internal caliper. 2,851,783, 9-16-58, Cl. 33—178.
- Péras, Lucien, to Regie Nationale des Usines Renault. Automatic machine for the production of foundry moulds. 2,856,654, 10-21-58, Cl. 22—20.
- Peras, Lucien, to Regie Nationale des Usines Renault. Torque-limiting tool holder for machine tools. 2,857,793, 10-28-58, Cl. 81—52.4.
- Péras, Lucien, to Regie Nationale des Usines Renault. Low-tension sparking plug for internal combustion engines. 2,859,370, 11-4-58, Cl. 313—131.
- Péras, Lucien, to Regie Nationale des Usines Renault. Pressure diecasting machine. 2,862,266, 12-2-58, Cl. 22—68.
- Péras, Lucien, to Regie Nationale des Usines Renault. Steerable wheel pivot assembly. 2,862,723, 12-2-58, Cl. 280—96.1.
- Peras, Lucien, to Regie Nationale des Usines Renault. Manufacture of low-tension sparking plugs for engines. 2,864,152, 12-16-58, Cl. 29—25.12.
- Péras, Lucien, to Regie Nationale des Usines Renault. Press feeders. 2,866,566, 12-30-58, Cl. 214—16.6.
- Peras, Lucien J., to Regie Nationale des Usines Renault. Suspension devices for vehicles. 2,819,064, 1-7-58, Cl. 267—64.
- Peras, Lucien J., to Regie Nationale des Usines Renault. Cooling systems of vehicle engines. 2,840,061, 6-24-58, Cl. 123—41.48.
- Perazone, Hugh L., A. Guthrie, and E. A. Martinelli, to Vacuum Research Co. Gate valve. 2,850,260, 9-2-58, Cl. 251—169.
- Perchinsky, Andrew, to G. E. Treyz. Caster holders. 2,844,909, 7-29-58, Cl. 45—137.4.
- Perdijk, Hendrik J. R., Jr., J. D. Fast, and J. J. B. Franssen, to North American Philips Co., Inc. Method of producing a non-vaporising getter. 2,855,368, 10-7-58, Cl. 252—181.6.
- Perdrian, Percy W., to The B. F. Goodrich Co. Tubeless tire. 2,822,018, 2-4-58, Cl. 152—362.
- Perdue, Bert D., to The Scholl Mfg. Co., Inc. Applicator for tubular bandage. 2,844,146, 7-22-58, Cl. 128—157.
- Perdue, Robert J., to De Havilland Propellers Ltd. Anemoelectric power plant. 2,865,459, 12-23-58, Cl. 170—62.
- Perech, Ramon, to Transcontinental Development Co. Method of production of tea concentrate directly from tea leaves when the leaves are in a green state, and product of said method. 2,863,775, 12-9-58, Cl. 99—77.
- Pereira, Antone, J., M., and H. Marker mechanism. 2,856,833, 10-21-58, Cl. 97—230.
- Pereira, Henry: *See*—
 Pereira, Antone, J., M., and H. 2,856,833.
- Pereira, Joe: *See*—
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- Pereira, Manuel: *See*—
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- Perelli-Minetti, Antonio, to Rietz Mfg. Co. Simplified method for processing grapes into juice and for fermentation. 2,852,387, 9-16-58, Cl. 99—35.
- Peropolkin, John. Charge forming attachment for internal combustion engines. 2,853,988, 9-30-58, Cl. 123—133.
- Peresenyi, Louis P. Football yardage telescope. 2,835,036, 5-20-58, Cl. 33—46.
- Peretko, Henry T.: *See*—
 Hughes, Robert W., Plouffe, and Peretko. 2,829,282.
- Peretti, Leonard, to Arvey Corp. Display device for mounting on merchandise containers. 2,825,163, 3-4-58, Cl. 40—125.
- Perez, Anthony, and W. Goldsborough, to E. Mandel. Automatic micro guide for duplicating machines. 2,834,316, 5-13-58, Cl. 116—133.
- Perez, Marcos B. Indoor TV antenna. 2,834,958, 5-13-58, Cl. 343—751.
- Perez, William. Thermal pins. 2,835,480, 5-20-58, Cl. 247—263.
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- Perfect Circle Corp.: *See*—
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 Estey, Melvin E. 2,859,993.
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- Perfecting Service Co.: *See*—
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- Perfection Burial Vault Co., The: *See*—
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- Perfect-Line Mfg. Corp.: *See*—
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- Perforating Guns Atlas Corp.: *See*—
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- Peri, Cesare A.: *See*—
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- Perieres, René, and L. Ruelle, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Aluminum manufacture. 2,835,566, 5-20-58, Cl. 75-68.
- Perieres, Rene A. P., to Pechiney, Apparatus for separating aluminum from its alloys. 2,859,958, 11-11-58, Cl. 266-37.
- Perine-Guyot & Cie.-C. Supligeau: *See*—
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- Perine, Louis E.: *See*—
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- Perino, Dominic A.: *See*—
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- Perilhou, Jean R., to North American Philips Co., Inc. Television camera device. 2,853,547, 9-23-58, Cl. 178-5.4.
- Perish, Peter W.: *See*—
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- Perkes, Fred T., and J. M. Vernon, to Thompson Products, Inc. Work support. 2,863,263, 12-9-58, Cl. 51-238.
- Perkin-Elmer Corp., The: *See*—
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 Hering, Karl W., and Kane. 2,857,568.
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 Watson, Emmett S., Bresky, and Savitzky. 2,819,402.
- Perkin, Roy, to General Telephone Co. of California. Telephone intercept bridge. 2,849,700, 8-26-58, Cl. 339-198.
- Perkins, Albert G.: *See*—
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- Perkins, Alfred J., to Perkins Pipe Linings, Inc. Pipe lining machine. 2,865,322, 12-23-58, Cl. 118-306.
- Perkins, B. J., & Son, Inc.: *See*—
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- Perkins, Carl C., Jr.: *See*—
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- Perkins, Corles M., Sr., and A. Bennett, to Bendix Aviation Corp. Orientation control. 2,834,564, 5-13-58, Cl. 244-77.
- Perkins, Estelle M. Mixing bowl cover. 2,858,118, 10-28-58, Cl. 259-125.
- Perkins, George D.: *See*—
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- Perkins, George D., to Consolidated Electrodynamics Corp. System for digitizing analog signals. 2,845,597, 7-29-58, Cl. 324-103.
- Perkins, George S., to National Equipment Corp. Pump construction for candy depositing machines. 2,857,082, 10-21-58 Cl. 222-255.
- Perkins, Harley A., Jr., to Westinghouse Electric Corp. Memory elements for electrical control systems. 2,832,066, 4-22-58, Cl. 340-174.
- Perkins, Harley A., Jr., and F. P. Emery, to Westinghouse Electric Corp. Protective devices. 2,828,448, 3-25-58, Cl. 317-19.
- Perkins, John B. Puller grip for a column strapper. 2,838,276, 6-10-58, Cl. 254-79.
- Perkins, Kenneth, to The Singer Mfg. Co. Dynamoelectric machine armatures. 2,831,991, 4-22-58, Cl. 310-43.
- Perkins, Luther F. Fuel line lock. 2,845,943, 8-5-58, Cl. 137-384.6.
- Perkins Machine & Gear Co.: *See*—
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 Keltz, Max J. 2,860,749.
- Perkins, Maynard E., to Universal Oil Products Co. Tube support with removal tube retaining hooks. 2,852,219, 9-16-58, Cl. 248-68.
- Perkins, Philip R. Vibrating shelf-type drier. 2,865,110, 12-23-58, Cl. 34-86.
- Perkins Pipe Linings, Inc.: *See*—
 Perkins, Alfred J. 2,865,322.
- Perkins, Robert L., to Sperry Rand Corp. Transducer mounting. 2,864,892, 12-16-58, Cl. 179-100.2.
- Perkins, Robert M.: *See*—
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- Perkins, Wallace W., and W. E. Dion, to General Motors Corp. Inspection mechanism. 2,845,177, 7-29-58, Cl. 209-111.
- Perkins, Warren E. and A. G. Windshield wiper. 2,821,735, 2-4-58, Cl. 15-255.
- Perks, Robert L., to Shawinigan Chemicals Ltd. Method of breaking compressed acetylene black. 2,833,481, 5-6-58, Cl. 241-30.
- Perky, Scott H., to National Biscuit Co. Manufacture of shredded cereal products. 2,842,071, 7-8-58, Cl. 107-10.
- Perl, Martin L., to General Electric Co. Non-emissive grids. 2,821,496, 1-28-58, Cl. 148-32.
- Perla, Martin R., to The Singer Mfg. Co. Control means for ornamental stitch sewing machines. 2,848,962, 8-26-58, Cl. 112-158.
- Perle, Abe J., to Bendix Aviation Corp. Pressure responsive control system including temperature compensating feature. 2,833,114, 5-6-58, Cl. 60-39.28.
- Perlin, Fred, to Graflex, Inc. Stereocameras. 2,837,986, 6-10-58, Cl. 95-61.
- Perlin, Fred, to Graflex, Inc. Stereocameras. 2,843,030, 7-15-58, Cl. 95-18.
- Perlin, Samuel, to Savoy Leather Mfg. Corp. Locking flap for brief cases. 2,859,787, 11-11-58, Cl. 150-1.6.
- Perlis, David B., to Western Precipitation Corp. Reversing mechanism. 2,836,991, 6-3-58, Cl. 74-567.
- Perlman, David: *See*—
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 Fried, Josef, Perlman, Langlykke, and Titus. 2,855,410.
 Fried, Josef, Thoma, Perlman, and Gerke. 2,836,608.
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- Perlman, David, to Olin Mathieson Chemical Corp. Preparation of new cobalamins. 2,842,540, 7-8-58, Cl. 260-211.5.
- Perlman, David, J. D. Dutcher, J. Fried, and E. O. Titus, to Olin Mathieson Chemical Corp. 9 α -hydroxyprogesterone. 2,840,578, 6-24-58, Cl. 260-397.45.
- Perlman, David, J. D. Dutcher, J. Fried, and E. O. Titus, to Olin Mathieson Chemical Corp. 9 α -hydroxy-6-oxygenated progesterones. 2,840,579, 6-24-58, Cl. 260-397.45.
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- Perlman, Isadore: *See*—
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- Perlman, Milton, to Auto-Flo Corp. Humidifiers. 2,831,477, 4-22-58, Cl. 126-113.
- Perlman, Robert R. Loud speaker having means for utilizing the back wave. 2,839,150, 6-17-58, Cl. 181-31.
- Perlmutter, Norman, to Burroughs Corp. Electronic commutation circuit. 2,857,516, 10-21-58, Cl. 250-27.
- Permacel-Le Page's Inc.: *See*—
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- Permachem Corp.: *See*—
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- Permaglass Inc.: *See*—
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- Perme, Rudolph J.: *See*—
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- Permolco Co., The: *See*—
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- Perna, Anthony. Reinforcement strip for reinforcing the corners of dry walls and the like. 2,862,264, 12-2-58, Cl. 20-74.
- Pernert, John C., to Hooker Electrochemical Co. Production of oxy acids of phosphorus. 2,843,457, 7-15-58, Cl. 23-165.
- Pernick, David. Stop mechanism control means for knitting machines. 2,825,214, 3-4-58, Cl. 66-163.
- Pernick, Henry L., to United Aircraft Corp. Means for phase discrimination of an alternating current signal. 2,864,950, 12-16-58, Cl. 250-27.
- Pernini, Henry M., to United States of America, Army. Cam actuated wings for revolver-type guns. 2,850,947, 9-9-58, Cl. 89-155.
- Perboller, Jean G., and Y. Boyer. Change speed devices. 2,865,213, 12-23-58, Cl. 74-193.
- Pero, Gladys. Interchangeable button. 2,859,501, 11-11-58, Cl. 24-97.
- Perolini, Marcel C., to Societe Generale de Constructions Electriques & Mecaniques (Alsthom). Electric circuit breaker for interrupting capacitive circuits. 2,825,824, 3-4-58, Cl. 307-133.

- Perotti, Antonio J. G., and A. A. Monacci. Carburetors. 2,849,216, 8-26-58, Cl. 261-44.
- Perpignani, Marino, and O. E. Werner, to Automatic Canteen Co. of America. Measuring and dispensing device. 2,837,244, 6-3-58, Cl. 222-135.
- Perrachione, Jean, to John Ramming Machine Co. Chuck. 2,860,881, 11-18-58, Cl. 279-44.
- Perrelli, Joseph, and T. B. Keesling, to Tilper Corp. Drupe pitting machine. 2,826,227, 3-11-58, Cl. 146-28.
- Perrelli, Joseph, and G. E. Kilner, to Tilper Corp. Pit removing means in drupe pitter. 2,826,228, 3-11-58, Cl. 146-28.
- Perrot, Marcel A., to Chas. Pfizer & Co., Inc. Food color and method of preparing the same. 2,830,908, 4-15-58, Cl. 99-148.
- Perri, Frank B.: See—
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- Perri, Frank B., to United Shoe Machinery Corp. Machines for embedding metal jackets into wood cores of dowels. 2,836,218, 5-27-58, Cl. 153-1.
- Perri, Giulio C., and K. Ladenberg. Salt substitute. 2,824,008, 2-18-58, Cl. 99-143.
- Perrier, Robert, to Fairchild Engine and Airplane Corp. Shaft seal. 2,841,455, 7-1-58, Cl. 308-77.
- Perrin, Edward P. Wheel cover. 2,819,119, 1-7-58, Cl. 301-37.
- Perrin, Everett C. Tape rule and extension. 2,835,038, 5-20-58, Cl. 33-138.
- Perrin, René, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process of successively desulphurizing and desilicizing a bath of pig iron. 2,864,689, 12-16-58, Cl. 75-51.
- Perrin, Tom S., and H. E. Everson, to Diamond Alkali Co. Exothermic chromium compound containing composition and method of making same. 2,854,326, 9-30-58, Cl. 75-27.
- Perrin, Tom S., H. E. Everson, and H. B. Kinnear, to Diamond Alkali Co. Exothermic chromium compound containing composition and method of making same. 2,854,327, 9-30-58, Cl. 75-27.
- Perrine, Charles H.: See—
Foley, Matthew J., and Perrine. 2,855,518.
- Perrine, John C., Jr., to Olin Mathieson Chemical Corp. Production of trialkylboranes. 2,853,526, 9-23-58, Cl. 260-606.5.
- Perrine, John C., Jr., to Olin Mathieson Chemical Corp. Production of trialkylboranes. 2,853,527, 9-23-58, Cl. 260-606.5.
- Perrine, Richard L., to California Research Corp. Method of acidizing petroliferous formations. 2,863,832, 12-9-58, Cl. 252-8.55.
- Perron, Roger: See—
Paquet, Charles, Perron, and Petit. 2,842,593.
- Perron, Yvon G., to Bristol Laboratories Inc. Therapeutic agents. 2,826,578, 3-11-58, Cl. 260-247.2.
- Perrone, Ruben O. Window Construction. 2,834,069, 5-13-58, Cl. 20-52.
- Perrott, Francis C. Free-piston compressors or gas generators. 2,831,626, 4-22-58, Cl. 230-56.
- Perrozzi, Joseph R., to Pillsbury Mills, Inc. Chocolate food composition. 2,851,365, 9-9-58, Cl. 99-138.
- Perrozzi, Joseph R., and G. W. Pearcy, to Pillsbury Mills, Inc. Dried fruit juice flavoring particles and method of making the same. 2,855,315, 10-7-58, Cl. 99-204.
- Perruca, Felix, to Societe des Fabrications Unicum. Friction-drive speed regulators. 2,835,134, 5-20-58, Cl. 74-208.
- Perry, Alwyn B.: See—
Earls, William L., and Perry. 2,831,305.
- Perry, Archie N., to Signode Steel Strapping Co. Shock absorber for carloadings. 2,846,959, 8-12-58, Cl. 105-374.
- Perry, Charles A.: See—
Bobb, Lloyd J., and Perry. 2,820,527.
- Perry, Charles W.: See—
Miles, George N., and Perry. 2,855,861.
- Perry, Cecil F. Medical examining table. 2,832,656, 4-29-58, Cl. 311-7.
- Perry, Claude A., and R. D. Wackrow, to The Birmingham Small Arms Co. Ltd. Bolt lock for a rifle. 2,818,669, 1-7-58, Cl. 42-16.
- Perry, Claude A., and R. D. Wackrow, to The Birmingham Small Arms Co. Ltd. Bolt-action rifle and firing mechanism therefor. 2,820,313, 1-21-58, Cl. 42-16.
- Perry, D. Cameron: See—
La Tour, Harry, and Perry. 2,839,455.
- Perry, Edward G., to Texas Instruments Inc. Reduction of hysteresis in magnetic clutches. 2,835,362, 5-20-58, Cl. 192-21.5.
- Perry, Edward W. Paint applicator. 2,827,649, 3-25-58, Cl. 15-132.5.
- Perry, Elijah R., and J. W. Timmerman, to Allis-Chalmers Mfg. Co. Portable pneumohydraulic closing mechanism for circuit breakers. 2,853,055, 9-23-58, Cl. 121-38.
- Perry, Gardner H., to The Bristol Co. Pilot valve. 2,831,465, 4-22-58, Cl. 121-46.5.
- Perry, Hugh J.: See—
Watts, Gilbert E., Hainsworth, and Perry. 2,866,483.
- Perry, James S. Fountain pens. 2,849,985, 9-2-58, Cl. 120-50.
- Perry, John. Fan. 2,831,630, 4-22-58, Cl. 230-134.
- Perry, John E. F.: See—
Jones, Robert J., Matthews, and Perry. 2,835,287.
- Perry, Joseph R., to Anderson Clayton & Co. Loader for industrial trucks. 2,828,880, 4-1-58, Cl. 214-730.
- Perry, Landis H., and J. E. Meagher, to Parenteral administering apparatus. 2,851,035, 9-9-58, Cl. 128-214.
- Perry, Randolph, Jr.: See—
Shaver, Kenneth J., and Perry. 2,832,671.
- Perry, Raymond G. Shoe scraper and residue collector for vehicles. 2,843,870, 7-22-58, Cl. 15-237.
- Perry, Reginald J.: See—
Slight, George M., and Perry. 2,823,057.
- Perry, Stephen F.: See—
Knox, William T. Jr., and Perry. 2,848,372.
- Perry, Sydney W. H., to Power Jets (Research and Development) Ltd. Bladed rotors for compressors, turbines and the like. 2,861,823, 11-25-58, Cl. 287-52.
- Perry, Thomas A., to Skyline Products, Inc. Tank baffle. 2,860,809, 11-18-58, Cl. 220-22.
- Perry, Willard P. Gravity control apparatus. 2,862,651, 12-2-58, Cl. 230-47.
- Perry, William E. Sinker release. 2,830,400, 4-15-58, Cl. 43-43.12.
- Perry, Winthrop L., to Abbott Machine Co., Inc. Wind-ing machine and method. 2,827,244, 3-18-58, Cl. 242-27.
- Perryman, Butler: See—
Davis, Morris C., Perryman, and Gannon. 2,865,117.
- Perryman, De Forest G.: See—
Lockerbie, Thomas E., Perryman, and Duncel. 2,854,827.
- Persak, George, Jr., to The Oiljak Mfg. Co., Inc. Self-cleaning spark plug cleaner. 2,846,821, 8-12-58, Cl. 51-8.
- Persak, George, Jr., and J. F. Russell, to The Oiljak Mfg. Co., Inc. Spark plug cleaner. 2,846,820, 8-12-58, Cl. 51-8.
- Persico, Ralph W., and M. P. Carlucci, to United States of America, Army. Cap with havelock. 2,844,822, 7-29-58, Cl. 2-172.
- Persico, Ralph W., and M. P. Carlucci, to United States of America, Army. Adjustable hems. 2,856,609, 10-21-58, Cl. 2-269.
- Persinger, Laverne O.: See—
Persinger, William G., 2,839,989.
- Persinger, Merle L.: See—
Persinger, William G., 2,839,989.
- Persinger, William G., to L. O. and M. L. Persinger. Bar-beque grill attachment. 2,839,989, 6-24-58, Cl. 99-421.
- Person, Ernest H.: See—
Olson, Edwin, and Person. 2,833,200.
- Person, Frank R., to United States Steel Corp. Split loop thimble. 2,855,231, 10-7-58, Cl. 287-81.
- Person, Horace H., Jr. Television antenna. 2,850,734, 9-2-58, Cl. 343-803.
- Person, Robert P., to Boeing Airplane Co. Probe-drogue refueling means. 2,849,200, 8-26-58, Cl. 244-135.
- Personal Products Corp.: See—
Atkinson, Ralph L. 2,834,703.
- Graham, George C., Jr. 2,853,831.
- Toellner, Howard C., and Heckenkamp. 2,854,980.
- Personett, De Alton L. Guard for infant's seat. 2,858,882, 11-4-58, Cl. 153-189.
- Persons-Majestic Mfg. Co.: See—
Bird, Martin J. 2,824,540.
- Persons, Richard L.: See—
Fish, Robert C. 2,833,304.
- Persson, Albert R.: See—
Wagner, Zander H. 2,852,800.
- Persson, Curt O. G. Movable device for storing and turning cheese. 2,841,870, 7-8-58, Cl. 31-49.
- Persson, Eric S. Window. 2,838,109, 6-10-58, Cl. 160-107.
- Persson, Eric S. Window structure. 2,845,116, 7-29-58, Cl. 160-34.
- Persson, Eric S. Radiators. 2,859,947, 11-11-58, Cl. 257-136.
- Persson, Ernest, to International Postal Supply Co. Mail handling equipment. 2,845,267, 7-29-58, Cl. 271-34.
- Persson, Ernest, to The International Postal Supply Co. Printing mechanism for meter mailing machines. 2,848,942, 8-26-58, Cl. 101-227.
- Persson, Nils B. S.: See—
Frisk, Knut O. 2,828,867.
- Pertner, Harry A. Jack-operated vehicle body and/or frame straightener. 2,836,219, 5-27-58, Cl. 153-32.
- Petrix-Union G. m. b. H.: See—
Querengässer, Hugo, Wild, Bronstert, Sindel, and Hentschel. 2,842,608.
- Sindel, Johann. 2,836,643.
- Sindel, Johann. 2,861,117.
- Perwas, Ludwig F. Pocket toothbrush with removable brush head. 2,834,975, 5-20-58, Cl. 15-176.
- Pesce, Theodore J., to The Sculli Machine Co., Inc. Device for contouring grinding wheels. 2,862,493, 12-2-58, Cl. 125-11.
- Pesch, Edward T.: See—
Whitmore, Keith E., and Pesch. 2,860,975.
- Pesch, Herman: See—
Jezerski, Vincent W., Wilcox, and Pesch. 2,866,402.
- Peschel, Kurt: See—
Frey, Alfred, and Peschel. 2,836,778.
- Pessagno, Theodore S., W. B. Blanton, and B. V. Magee, to The Western Union Telegraph Co. Telegraph system. 2,860,177, 11-11-58, Cl. 178-2.
- Pessen, David W., to Minneapolis-Honeywell Regulator Co. Self adjusting control apparatus. 2,834,363, 5-13-58, Cl. 137-85.

- Pessolano, Arsenio A.: *See*—
Clark, Robert L., and Pessolano. 2,843,597.
- Pesta, Joseph. Boat trailer. 2,822,100, 2-4-58, Cl. 214—396.
- Pesta, Stanley J. Fixture for stripping metal ends from containers. 2,853,906, 9-30-58, Cl. 81—3.3.
- Pestarini, Alba M.: *See*—
Pestarini, Joseph M. 2,860,295.
- Pestarini, Joseph M., deceased; A. M. Pestarini, executrix. Electric power systems. 2,860,295, 11-11-58, Cl. 318—154.
- Peszlen, John W. Filler and book support. 2,839,199, 6-17-58, Cl. 211—43.
- Pet Milk Co.: *See*—
Loudner, Earl A., and Hodson. 2,832,686.
- Petcar Research Corp.: *See*—
Carbauh, Robert D. 2,834,008.
Van Driel, John F. 2,825,952.
Van Driel, John F. 2,825,953.
- Petch, James H. T.: *See*—
Jessup, Alfred C., and Petch. 2,829,973.
- Petch, James H. T., to Magnesium Elektron Ltd. Magnesium base alloys. 2,834,700, 5-13-58, Cl. 148—21.90.
- Peteler, Philip E., to Superior Dairies, Inc. Safety cut out switch operating mechanism for conveyors and the like. 2,827,159, 3-18-58, Cl. 198—232.
- Peter, Adelaide: *See*—
Peter, Edward and A. 2,830,633.
- Peter, Albin, and E. Wylder, to Saul & Co., as nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. 1-amino-4-hydroxyanthraquinone sulfonic acids and a process for their manufacture. 2,839,540, 6-17-58, Cl. 260—373.
- Peter, Albin, and E. Wylder, to Sandoz A. G. Disulfonic acid amides of the anthraquinone series. 2,852,535, 9-16-58, Cl. 260—374.
- Peter, Charles R., to Allis-Chalmers Mfg. Co. Frictionless plungers having assignable self-holding contacts. 2,841,670, 7-1-58, Cl. 200—104.
- Peter, Conrad W.: *See*—
Lamberson, Jack L., Jr., Kenneday, and Peter. 2,822,051.
- Peter, Edward and A. Power nut cracker. 2,830,633, 4-15-58, Cl. 146—12.
- Peter, Oskar E.: *See*—
Kreissig, Ernst, and Peter. 2,855,228.
- Peter, Rolf W.: *See*—
Dodds, Wellesley J., and Peter. 2,828,440.
- Peter, Rolf W., to United States of America, Army. Electron beam tube. 2,843,788, 7-15-58, Cl. 315—3.5.
- Peter, Rolf W., to Radio Corp. of America. Two way radio relay system including traveling wave tubes. 2,864,944, 12-16-58, Cl. 250—15.
- Peter, William B., to American Air Filter Co., Inc. Filter apparatus control. 2,853,155, 9-23-58, Cl. 183—62.
- Peterbilt Motors Co.: *See*—
Brumbaugh, George U. 2,821,407.
Brumbaugh, George U. 2,843,395.
- Petercem, Societe Anonyme: *See*—
Lenoir, Michel. 2,832,869.
- Peterelt, Lothar H., to Morgan Construction Co. Shear. 2,823,748, 2-18-58, Cl. 164—60.
- Petering, Harold G., and H. H. Fall, to The Upjohn Co. Isoalloxazines. 2,825,729, 3-4-58, Cl. 260—251.
- Peterman, George A.: *See*—
Batson, George A., and Peterman. 2,844,239.
- Peterman, Milton J. Method of aligning magnetic particles in a non-magnetic matrix. 2,849,312, 8-26-58, Cl. 75—201.
- Petermann, Lucien A., to Gulton Industries, Inc. Ultrasonic drill. 2,834,158, 5-13-58, Cl. 51—57.
- Petermann, Lucien A., and L. C. Oakley, to Gulton Industries, Inc. Bender tuned array. 2,842,685, 7-8-58, Cl. 810—8.3.
- Peters, Beldon A.: *See*—
Buck, Henry M., Peters, and Rumble. 2,856,006.
- Peters, Beldon A., and J. A. Rickard, to Ezzo Research and Engineering Co. Vacuum lock solid sample source device for mass spectrometers. 2,852,683, 9-16-58, Cl. 250—41.9.
- Peters, Claude H. Blower speed control for forced air heating systems. 2,838,243, 6-10-58, Cl. 236—10.
- Peters, Clifford M.: *See*—
Garrett, Henry U., and Peters. 2,818,925.
Garrett, Henry U., and Peters. 2,845,940.
- Peters, Donald R., to General Motors Corp. Machine control and tolerance gauging device. 2,839,878, 6-24-58, Cl. 51—165.
- Peters, Edwin F., and B. L. Evering, to Standard Oil Co. Catalytic reactions of olefins. 2,820,835, 1-21-58, Cl. 260—683.51.
- Peters, Edwin F., and B. L. Evering, to Standard Oil Co. Hydrocarbon conversion (group 6a metal oxide and AlR₃ initiator). 2,824,089, 2-18-58, Cl. 260—88.1.
- Peters, Elwyn H., to Curtiss-Wright Corp. Rotary hydraulic valve. 2,843,149, 7-15-58, Cl. 137—624.
- Peters, Ernst A. Thermostatically controlled water bypass valve. 2,842,155, 7-8-58, Cl. 137—337.
- Peters, Freimut: *See*—
Germershausen, Werner, Peters, and Soeding. 2,842,607.
- Peters, Freimut, to Accumulatoren-Fabrik Aktiengesellschaft. Method of forming cold-welded negative electrodes for alkaline accumulators. 2,830,108, 4-8-58, Cl. 136—20.
- Peters, Freimut, to Accumulatoren-Fabrik Aktiengesellschaft. Electrode for an alkali storage cell and a process of manufacturing same. 2,832,813, 4-29-58, Cl. 136—24.
- Peters, Francis A. Utility bucket. 2,832,984, 5-6-58, Cl. 15—264.
- Peters, Grace: *See*—
Hechenbleikner, Ingenuin, and Peters. 2,849,451.
- Peters, Grace A.: *See*—
Schaefer, Frederic C., and Peters. 2,845,422.
- Peters, James B. Simulated hockey game. 2,819,082, 1-7-58, Cl. 273—85.
- Peters, John: *See*—
Raible, Frank, and Peters. 2,848,635.
- Peters, John G.: *See*—
Cantrell, Troy L., Kuhne, and Peters. 2,863,746.
Cantrell, Troy L., Kuhne, and Peters. 2,863,747.
Cantrell, Troy L., Orr, and Peters. 2,863,745.
Cantrell, Troy L., and Peters. 2,851,343.
Cantrell, Troy L., and Peters. 2,863,744.
Cantrell, Troy L., and Peters. 2,863,904.
Gottshall, Ralph I., and Peters. 2,832,741.
- Peters, John G., and C. R. Summers, Jr., to Gulf Oil Corp. Lubrication of industrial machinery. 2,839,159, 6-17-58, Cl. 184—1.
- Peters, John V.: *See*—
Johnson, Frederick W., and Peters. 2,828,635.
- Peters, Joseph M., to The Gleason Works. Flexible collet and chuck employing same. 2,824,744, 2-25-58, Cl. 279—2.
- Peters, Leslie E. Liquid carbonating apparatus. 2,826,401, 3-11-58, Cl. 261—87.
- Peters Machinery Co.: *See*—
Govatsos, Edward A. 2,846,960.
Windstrup, Robert F., Rose, and Miller. 2,865,152.
- Peters, Melville F. Sealed transmission system. 2,819,619, 1-14-58, Cl. 74—67.
- Peters, Melville F. Heat exchanger. 2,820,615, 1-21-58, Cl. 257—241.
- Peters, Melville F. Fluid circuitry. 2,847,035, 8-12-58, Cl. 138—30.
- Peters, Melville F. Refueling conduit. 2,852,216, 9-16-58, Cl. 244—135.
- Peters, Melville F. Motion transmission in sealed fluid systems. 2,855,783, 10-14-58, Cl. 74—57.
- Peters, Melville F. Fluid valve seals. 2,856,151, 10-14-58, Cl. 251—330.
- Peters, Otto: *See*—
Koch, Hans, and Peters. 2,843,429.
- Peters, Philip H., Jr.: *See*—
Wilbur, Donald A., and Peters. 2,847,638.
- Peters, Philip H., Jr., and D. A. Wilbur, to General Electric Co. Magnetron device. 2,824,261, 2-18-58, Cl. 315—39.73.
- Peters, Rudolph, $\frac{1}{2}$ to F. D. Nicol, and $\frac{1}{2}$ to C. Thomas. Hand truck. 2,834,494, 5-13-58, Cl. 214—511.
- Peters, Rudolph. Hand trucks. 2,856,090, 10-14-58, Cl. 214—353.
- Peters & Russell, Inc.: *See*—
Russell, Linus E. 2,857,876.
- Peters, Walter E. Fortune telling amusement apparatus. 2,827,298, 3-18-58, Cl. 273—161.
- Petersen, Bruce H.: *See*—
Petersen, Merle W. 2,852,082.
- Petersen, Clifford W., to McGraw-Edison Co. Supporting attachment. 2,858,153, 10-28-58, Cl. 287—54.
- Petersen, Don W., to The Goodyear Tire & Rubber Co. Mechanical wedge-lock parking brake. 2,850,119, 9-2-58, Cl. 188—73.
- Petersen, Emil C.: *See*—
Roberts, Grover L., and Petersen. 2,821,563.
- Petersen Enterprises: *See*—
Petersen, Hans M. 2,831,631.
- Petersen, Gerald A. M. Offset boring head for auger. 2,863,640, 12-9-58, Cl. 255—69.
- Petersen, Hans M., to Petersen Enterprises. Rotary compressor. 2,831,631, 4-22-58, Cl. 230—152.
- Petersen, John E.: *See*—
Ketola, Jarl A., and Petersen. 2,852,128.
- Petersen, Karl, and J. Schlichtkrull, to Novo Terapeutisk Laboratorium A/S. Process of production of crystalline insulin. 2,836,542, 5-27-58, Cl. 167—75.
- Petersen, Karl, and J. Schlichtkrull, to Novo Terapeutisk Laboratorium A/S. Injectable insulin preparations with protracted effect and process of producing same. 2,849,370, 8-26-58, Cl. 167—75.
- Petersen, Louis, to F. L. Smidth & Co. Supports for rotary kilns and drums. 2,830,802, 4-15-58, Cl. 263—33.
- Petersen, Louis, to F. L. Smidth & Co. Method and apparatus for cooling materials by gas. 2,841,384, 7-1-58, Cl. 263—32.
- Petersen, Louis, to F. L. Smidth & Co. Cooling apparatus for use with rotary kilns. 2,859,955, 11-11-58, Cl. 263—32.
- Petersen, Lowell W., to Swift & Co. Evaporation of charable organic liquids. 2,834,409, 5-13-58, Cl. 159—16.
- Petersen, Merle W., 50% to B. H. Petersen. Mechanical rock picker. 2,852,082, 9-16-58, Cl. 171—63.
- Petersen, Ove, to Aktieselskabet Burmeister & Wain's Maskin-Og Skibbyggeri. Reciprocating engine, particularly an internal combustion engine. 2,845,919, 8-5-58, Cl. 123—195.
- Petersen Oven Co., The: *See*—
Pennington, Charles S. 2,847,107.
Wittenberger, Wallace W. 2,847,132.
- Petersen, Paul S.: *See*—
Kwasniewski, George A., and Petersen. 2,827,630.
- Petersen, Peter O. Latch mechanism. 2,821,423, 1-28-58, Cl. 292—148.

- Petersen, Povl V.: See—
Hubner, Oluf H., and Petersen. 2,830,088.
- Petersen, Siegfried: See—
Müller, Karl E., Bayer, and Petersen. 2,861,972.
- Petersen, Siegfried, E. Tietze, and W. Wirth, to Schenley Industries, Inc. Novel chemical compounds. 2,852,525, 9-16-58, Cl. 260—308.
- Petersen, Siegfried, and G. Donagk, to Schenley Industries, Inc. N N' diguanido dimides of quinone-diolefin adducts. 2,865,961, 12-23-58, Cl. 260—564.
- Petersen, Thorvald, to Reed Mfg. Co. Pin support. 2,824,772, 2-25-58, Cl. 308—18.
- Petersen, Uric K. Apparatus for drying lumber. 2,830,382, 4-15-58, Cl. 34—45.
- Petersen, William. Sheet holding clamp. 2,819,507, 1-14-58, Cl. 24—250.
- Petersen, William. Releasing means for self-locking plier type toggle wrench. 2,838,973, 6-17-58, Cl. 81—370.
- Petersen, William. Latch means for plier type toggle wrench. 2,853,910, 9-30-58, Cl. 81—368.
- Petersen, A. E., Mfg. Co.: See—
Shone, Samuel M. 2,823,043.
- Petersen, Adolphe C. Direct and indirect injection means for combustion engines. 2,822,792, 2-11-58, Cl. 123—52.
- Petersen, Adolphe C. Convertible aircraft with jet-driven lifting rotors. 2,823,875, 2-18-58, Cl. 244—17.25.
- Petersen, Adolphe C. Fuel measuring distribution and control means. 2,851,953, 9-16-58, Cl. 103—42.
- Petersen, Aldon M. Fishing lure. 2,861,380, 11-25-58, Cl. 43—42.22.
- Petersen, Anders A., to Hardinge Brothers, Inc. Feed chucks. 2,845,274, 7-29-58, Cl. 279—23.
- Petersen, Benjamin R., Jr.: See—
Cummings, Thomas N., Peterson, and Shiu. 2,859,714.
- Petersen, Bertil E., to Cardwell Westinghouse Co. Selective travel draft gear. 2,825,472, 3-4-58, Cl. 213—22.
- Petersen, Bertil E., to Cardwell Westinghouse Co. Tandem draft gear. 2,847,128, 8-12-58, Cl. 213—11.
- Petersen, Bertil E., to Cardwell Westinghouse Co. Method of removing draft gear. 2,853,774, 9-30-58, Cl. 29—427.
- Petersen, Bertil E., to Cardwell Westinghouse Co. Apparatus for assembly of cushioning devices. 2,863,212, 12-9-58, Cl. 29—227.
- Petersen, Bertil E., to Cardwell Westinghouse Co. Method for assembly of cushioning devices. 2,863,357, 12-9-58, Cl. 29—446.
- Petersen, Carl. Vernier feed control. 2,852,285, 9-16-58, Cl. 237—3.
- Petersen, Carl E., to Eastern Tool & Mfg. Co. Connector and method of forming the same. 2,826,810, 3-18-58, Cl. 29—413.
- Petersen, Carl E. Adjustable plant support. 2,851,823, 9-16-58, Cl. 47—47.
- Petersen, Carl O., to Marlin-Rockwell Corp. Bearing seals. 2,819,100, 1-7-58, Cl. 286—5.
- Petersen, Charles D., to Universal Controls Corp. Gas pressure regulator with internal relief valve. 2,827,069, 3-18-58, Cl. 137—118.5.
- Petersen, Charles E., to United States of America, Army. Frequency modulator. 2,842,743, 7-8-58, Cl. 332—23.
- Petersen, Charles H.: See—
Luftman, Alvin S., Goodway, and Peterson. 2,839,718.
- Petersen, Clark E. Front wheel clutch mechanism for motor vehicles. 2,844,238, 7-22-58, Cl. 192—67.
- Petersen, David W., to General Motors Corp. Cap for tank filler pipe. 2,820,569, 1-21-58, Cl. 220—44.
- Petersen, Dean E., and W. F. Brucksch, Jr., to United States Rubber Co. Prevention of surface crazing of rubber-resin by aromatic polyamines. 2,838,471, 6-10-58, Cl. 260—45.9.
- Petersen, Durey H.: See—
Murray, Herbert C., and Peterson. 2,861,088.
- Petersen, Edward C.: See—
Peterson, Edward T., and Edward C. 2,850,928.
- Petersen, Edward C., to Birdsboro Steel Foundry and Machine Co. Auxiliary manipulator. 2,839,956, 6-24-58, Cl. 80—49.
- Petersen, Edward C., and J. Calabrese, to Birdsboro Steel Foundry and Machine Co. Stripper. 2,820,264, 1-21-58, Cl. 22—95.
- Petersen, Edward S., to General Telephone Laboratories, Inc. Multi-channel message announcer for use in telephone systems. 2,824,907, 2-25-58, Cl. 179—6.
- Petersen, Edward T., to Birdsboro Steel Foundry and Machine Co. Device for combined repeating or straight rolling. 2,847,887, 8-19-58, Cl. 80—52.
- Petersen, Edward T., to Birdsboro Steel Foundry and Machine Co. Roller leveller having means to move individual rolls into and out of work engagement. 2,852,065, 9-16-58, Cl. 153—106.
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- Petersen, Ellen J.: See—
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- Petersen, Elmer R., to The Singer Mfg. Co. Sewing machine cabinets. 2,835,545, 5-20-58, Cl. 312—21.
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- Petersen, Elwin W., to Dresser Industries, Inc. Borehole logging signaling system. 2,859,013, 11-4-58, Cl. 255—1.
- Petersen, Everett E. Wire winding device. 2,823,873, 2-18-58, Cl. 242—86.5.
- Petersen, Frank H.: See—
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- Petersen, George, Jr., to Penn Keystone Corp. Position indicator. 2,841,779, 7-1-58, Cl. 340—378.
- Petersen, Gerald D. Panel mounting structure. 2,848,762, 8-26-58, Cl. 20—56.4.
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- Petersen, Glen. Means for transducing elastic waves. 2,840,695, 6-24-58, Cl. 250—17.
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- Petersen, Joel D., to Bendix Aviation Corp. Aircraft engine control systems. 2,824,422, 2-25-58, Cl. 60—13.
- Petersen, John J.: See—
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- Petersen, John O. H., Jr.: See—
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- Petersen, Joseph J.: See—
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- Petersen, Kenneth C.: See—
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- Petersen, Kenneth E., to AMP Inc. Tool for cutting shielded wire cable. 2,818,641, 1-7-58, Cl. 30—91.
- Petersen, Lawrence W.: See—
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- Petersen, Lester C., and H. J. Batts, to United States Rubber Co. Pneumatic tire. 2,825,382, 3-4-58, Cl. 152—330.
- Petersen, Merle H., W. J. Adams, Jr., and K. O. Engnell, to Food Machinery and Chemical Corp. Agricultural machine. 2,827,842, 3-25-58, Cl. 97—40.
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- Petersen, Merritt H. Garage door locking device. 2,857,192, 10-21-58, Cl. 292—223.
- Petersen, Norman G.: See—
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- Petersen, Norman L., to Cutler-Hammer, Inc. Servomechanisms. 2,830,249, 4-8-58, Cl. 318—307.
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- Petersen, Orla W. Cabbage harvester. 2,852,904, 9-23-58, Cl. 56—327.
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- Moss, Robert, and Wittenberger. 2,856,055.
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- Petersen, Rayford W. Protective mask. 2,818,859, 1-7-58, Cl. 128—146.
- Petersen, Richard H., ½ to S. Heytow. Tuning means for electrical musical instrument. 2,818,759, 1-7-58, Cl. 84—1.01.
- Petersen, Robert A. Track control mechanism for tractor. 2,863,516, 12-9-58, Cl. 180—9.1.
- Petersen, Robert E., M. C. Unglert, and E. A. Jenkins, to Westinghouse Electric Corp. Vapor electric lamp. 2,848,641, 8-19-58, Cl. 313—184.
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- Petersen, Robert L., to General Controls Co. Magnetic amplifier with condenser discharge control circuit. 2,850,690, 9-2-58, Cl. 323—63.
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- Petersen, Ruben O., to The Osborn Mfg. Co. Brush. 2,826,776, 3-18-58, Cl. 15—179.
- Petersen, Ruben O., to The Osborn Mfg. Co. Separator. 2,838,131, 6-10-58, Cl. 183—44.
- Petersen, Ruben O., to The Osborn Mfg. Corp. Brush and brush material. 2,845,648, 8-5-58, Cl. 15—159.
- Petersen, Ruben O., to The Osborn Mfg. Co. Brush and brush material. 2,846,827, 8-12-58, Cl. 51—193.5.

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- Peterson, Thomas F., to Preformed Line Products Co. Co-axial cable. 2,847,499, 8-12-58, Cl. 174—107.
- Peterson, Victor W., to General Motors Corp. Propeller drives. 2,826,255, 3-11-58, Cl. 170—135.75.
- Peterson, Victor W., to General Motors Corp. Power transmission system. 2,860,713, 11-18-58, Cl. 170—135.75.
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- Peterson, Walter F. and F. H. Boat trailer. 2,865,522, 12-23-58, Cl. 214—84.
- Peterson, Walter H., to Shell Development Co. Onium clay grease containing surface active agent. 2,831,809, 4-22-58, Cl. 252—25.
- Peterson, Walter H., S. T. Abrams, and F. H. Stross, to Shell Development Co. High temperature inorganic gel grease compositions. 2,860,104, 11-11-58, Cl. 252—28.
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- Peterson, Warren S., and W. A. Klemm, to Kaiser Aluminum & Chemical Corp. Method for fluxing molten light metals prior to the continuous casting thereof. 2,821,472, 1-28-58, Cl. 75—93.
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- Pethrick, Samuel R., and L. A. Nash, to The British Petroleum Co. Ltd. Carton wax composition. 2,842,483, 7-8-58, Cl. 196—149.
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- Petite, David L. Railroad car washer. 2,865,034, 12-23-58, Cl. 15—53.
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- Pétré, Oscar M., $\frac{1}{2}$ to B. A. Lagerkvist. Tent. 2,854,015, 9-30-58, Cl. 135—3.
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- Petrea, James C., to Sperry Rand Corp. Counting and stacking device. 2,819,807, 1-14-58, Cl. 214—6.
- Petrea, James C., and J. W. Howe, to Sperry Rand Corp. Bag applying machine. 2,833,097, 5-6-58, Cl. 53—188.
- Petrea, James C., and J. W. Howe, Jr., to Sperry Rand Corp. Bag applying and filling machine. 2,859,036, 11-4-58, Cl. 271—26.
- Petrecca, Emil A., to Congoleum-Nairn Inc. Mash block transfer print process. 2,860,069, 11-11-58, Cl. 117—38.
- Petree, Jay R., to Crouse-Hinds Co. Explosion proof lighting unit. 2,849,597, 8-26-58, Cl. 240—11.2.
- Petrell, Wilfred M., to Reserve Mining Co. Rotary drive bushing. 2,859,939, 11-11-58, Cl. 255—23.
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- Petrie, Edgar H., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,842,311, 7-8-58, Cl. 235—61.
- Petrie, James A., to Rolls-Royce Ltd. Locking means for parts having threaded engagement. 2,836,041, 5-27-58, Cl. 64—9.
- Petrie, James A., and C. W. Robey, to Rolls-Royce Ltd. Hollow blading with means to supply fluid thereto for turbines or compressors. 2,847,185, 8-12-58, Cl. 253—39.1.
- Petrie, Peter S., to The Dow Chemical Co. Process for making dioxolanes. 2,861,080, 11-18-58, Cl. 260—340.9.
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- Petrie, Wilbur A. Mailbox signal. 2,864,553, 12-16-58, Cl. 232—35.
- Petriello, John V. Method for casting thin plastic films. 2,852,811, 9-23-58, Cl. 18—57.
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 Petty, Jack W., to Roberts Mfg. Co. Mandrel carrier standard. 2,833,487, 5-6-58, Cl. 242—55.3.
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 Hasbrook, Arthur F. 2,845,621.
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 Peycke, William J., Jr., to Unit Rig & Equipment Co. Grease distributing insert. 2,855,250, 10-7-58, Cl. 308—187.
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 Peyrolade, Andre: *See*—
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- Pfaff, Karl, deceased, by H. Rüdinger, administrator, to G. M. Pfaff Aktien-Gesellschaft. Casting of metals by means of molds. 2,825,106, 3-4-58, Cl. 22-129.
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- Pfaffenbach, Arthur: See—
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- Pfankuch, Leo A., and R. J. Wrighton, to Pacific Scientific Aeroproductions. Safety apparatus. 2,845,233, 7-29-58, Cl. 242-107.4.
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- Pfann, William G., to Bell Telephone Laboratories, Inc. Electromagnetic switching. 2,844,688, 7-22-58, Cl. 200-112.
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- Pfeifer, George F., to Quincy Compressor Co. Hydraulically actuated piston controlled valve. 2,826,219, 3-11-58, Cl. 137-625.25.
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- Pfeifer, Paul E., and K. Boldt, to The Pure Oil Co. Antiwear oil compositions. 2,839,469, 6-17-58, Cl. 252-32.7.
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- Pfeiffer, Henry A. Temperature pressure control. 2,849,577, 8-26-58, Cl. 200-140.
- Pfeiffer, Max, to M. Maul. Card reproducing punching machine. 2,832,413, 4-29-58, Cl. 164-115.
- Pfeiffer, Nicholas L. Reserve fuel supply for vehicles. 2,818,915, 1-7-58, Cl. 158-46.5.
- Pfeiffer, Paul O., C. O. Slemmons, and J. R. King, to The General Tire & Rubber Co. Method of making an air cushion assembly. 2,839,440, 6-17-58, Cl. 154-85.
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- Pfening, Fred D., Co., The: See—
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- Pfennig, Reuben F., to Esso Research and Engineering Co. Purification of paraxylene. 2,848,515, 8-19-58, Cl. 260-674.
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- Pfister, Gottfried, to Inventio A. G. Lift control device. 2,841,248, 7-1-58, Cl. 187-29.
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- Pfister, William T. Automatic vacuo-pneumatic object sorting machine. 2,843,264, 7-15-58, Cl. 209-108.
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- Pfützer, Helmut, and O. Kaufmann, to Badische Anilin- & Soda-Fabrik Akt. Production of metal-containing azo dyestuffs. 2,856,397, 10-14-58, Cl. 260-151.
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 Schaefer, Harold W., Staebler, and Speicher. 2,851,366.
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 Schnable, George L., and Roschen. 2,842,841.
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 Scofield, Donald W. 2,832,095.
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 Smith, David B. 2,866,846.
 Spera, Frank T. 2,829,202.
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 Yarbrough, Stanton L. 2,836,693.
 Zimmerman, Elizabeth M. 2,854,387.
 Philibert, Dollard J. Load-transfer cable equipment. 2,850,316, 9-2-58, Cl. 294-74.
 Philip, Thomas B., to The Distillers Co. Ltd. Safety devices. 2,856,096, 10-14-58, Cl. 220-89.
 Philip, Thomas B., to The Distillers Co. Ltd. Joining of metals. 2,862,294, 12-2-58, Cl. 29-487.
 Philpou, Peter. Attachment for telephone. 2,849,830, 9-2-58, Cl. 45-5.
 Philipp, Fritz, to Accumulatoren-Fabrik Akt. Pressure control device. 2,862,641, 12-2-58, Cl. 220-89.
 Philipp, Lawrence A., to American Motors Corp. Refrigerating apparatus. 2,829,869, 4-8-58, Cl. 257-7.
 Philipp, Lawrence A., to American Motors Corp. Range. 2,841,132, 7-1-58, Cl. 126-19.
 Philipp, Lawrence A., to American Motors Corp. Refrigerating apparatus. 2,850,883, 9-9-58, Cl. 62-183.
 Philipp, Lawrence A., to Nash-Kelvinator Corp. Refrigerating apparatus. 2,857,746, 10-28-58, Cl. 62-295.
 Philipp, Lawrence A., to American Motors Corp. Lubricant circulation in refrigerating apparatus. 2,863,301, 12-9-58, Cl. 62-193.
 Philipp, Otto M., to The National Cash Register Co. Item counter selecting means. 2,826,362, 3-11-58, Cl. 235-91.
 Philipp, Otto M., to The National Cash Register Co. Tens transfer mechanism for totalizers. 2,838,241, 6-10-58, Cl. 235-138.
 Philppar, Donald T. Tool and sheathing handle therefor. 2,820,291, 1-21-58, Cl. 30-153.
 Philippe, Howard L., to Imperial Brass Mfg. Co. Hand-operated, plier-type tube bender. Re. 24,449, 4-1-58, Cl. 81-15.
 Philippovic, Joachim W., to Synttron Co. Rotary vibratory motor. 2,854,594, 3-30-58, Cl. 310-54.
 Philippovic, Joachim W., to Synttron Co. Gravimetric batch feeder. 2,863,589, 12-9-58, Cl. 222-55.
 Phillips, Herman G., Jr., to Hercules Powder Co. Water-insoluble ethyl cellulose and plasticizer anhydrous aerosol hair lacquer. 2,857,314, 10-21-58, Cl. 167-87.1.
 Phillips, James M., to Salem-Brosius, Inc. Pallet with a collapsible container. Re. 24,493, 6-24-58, Cl. 220-6.
 Phillips, Judson L., and T. J. Rov, to Esso Research and Engineering Co. Injection of heavy fuel into diesel engines and valve means therefor. 2,822,789, 2-11-58, Cl. 123-32.
 Phillips, Judson L., and J. J. Kolfenbach, to Esso Research and Engineering Co. Method for reducing corrosion in lubrication systems. 2,842,112, 7-8-58, Cl. 123-196.
 Phillips, William D., to Bendix Aviation Corp. Automatic gain control system. 2,857,481, 10-21-58, Cl. 179-171.
 Philippi, Matthew H., 25% to C. V. Welty and 25% to H. L. Fischer. Reflective animated displays. 2,827,720, 3-25-58, Cl. 40-137.
 Phillips, Adrian, and L. Robbins, to Baldwin-Lima-Hamilton Corp. Length measuring device. 2,831,254, 4-22-58, Cl. 33-147.
 Phillips, Benjamin: See—
 Starcher, Paul S., MacPeck, and Phillips. 2,861,084.
 Phillips, Benjamin, and P. S. Starcher, to Union Carbide Corp. Process for the production of epsilonhalocaproic acids. 2,839,576, 6-17-58, Cl. 260-339.
 Phillips, Benjamin, and P. S. Starcher, to Union Carbide Corp. 2-methoxymethyl-2,4-dimethyl-1,5-pentanediol bis-(3,4-epoxycyclohexane carboxylate). 2,853,498, 9-23-58, Cl. 260-348.
 Phillips, Benjamin, and P. S. Starcher, to Union Carbide Corp. 3,4-epoxycyclohexane carboxylic acid esters of di and tri ethylene glycol. 2,853,499, 9-23-58, Cl. 260-348.
 Phillips, Benjamin, and P. S. Starcher, to Union Carbide Corp. Alkane triol tris-3,4-epoxycyclohexanecarboxylates. 2,857,402, 10-21-58, Cl. 260-348.
 Phillips, Benjamin, and P. S. Starcher, to Union Carbide Corp. Diepoxides. 2,863,881, 12-9-58, Cl. 260-348.
 Phillips, Bernard C., to The Tillotson Mfg. Co. Charge forming device. 2,827,272, 3-18-58, Cl. 261-41.
 Phillips, Bernard C., to The Tillotson Mfg. Co. Apparatus for delivering combustible mixture to an internal combustion engine. 2,841,372, 7-1-58, Cl. 261-41.
 Phillips, Bruce B. Sink release. 2,844,906, 7-29-58, Cl. 43-43.12.
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 Phillips, Charles H. Fountain type cleaning implement. 2,866,214, 12-30-58, Cl. 15-136.
 Phillips, Charles S., to Thermaol Co. Seeding and fertilizing device and hose securing means therefor. 2,861,527, 11-25-58, Cl. 111-87.
 Phillips, Clifton H., to Shell Development Co. Clamps with composite flexible grab arms. 2,819,113, 1-7-58, Cl. 294-87.
 Phillips, David, to Swedish Crucible Steel Co. Compensating hinge post and washer unit. 2,846,697, 8-12-58, Cl. 4-240.
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 Phillips, George E., to Warner-Lambert Pharmaceutical Co. Process for purification of relaxin by ion exchange. 2,852,432, 9-16-58, Cl. 167-74.
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 Phillips, Henry F., to Floseal Corp. Die for cutting box blanks. 2,826,968, 3-18-58, Cl. 93-58.
 Phillips, Henry F., to The Flo-Seal Corp. Die structure and method of making same. 2,865,235, 12-23-58, Cl. 76-107.
 Phillips, Hyman, to Oscar Phillips Co. Fluorescent island light fixture. 2,835,788, 5-20-58, Cl. 204-3.
 Phillips, J. Lewis: See—
 Cain, Ferrell O. 2,847,889.
 Phillips, John H., to Phillips Drill Co. Expansion shell holder. 2,833,519, 5-6-58, Cl. 255-72.
 Phillips, John P. Indicating support for fire extinguishers. 2,841,108, 7-1-58, Cl. 116-114.
 Phillips, John T. Collapsible stands. 2,847,176, 8-12-58, Cl. 248-170.
 Phillips, John W. Positioning retainer for oro-tracheal tubes. 2,820,457, 1-21-58, Cl. 128-351.
 Phillips, John W. Compound swivel adapter. 2,820,651, 1-21-58, Cl. 285-151.
 Phillips, John W. Compound swivel adaptor and coupling for anesthesia. 2,860,633, 11-18-58, Cl. 128-188.
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 Anistie, Thomas D. 2,845,688.
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 Phillips, Leonard H. Roller-type applicators. 2,823,402, 2-18-58, Cl. 15-132.5.
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 Phillips, Orville E. Paper clip dispenser. 2,835,027, 5-20-58, Cl. 29-211.
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 Blackburn, Charles W., and Maresb. 2,840,272.
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 Dixon, Henry O. 2,862,558.
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 Gilmore, Forrest E. 2,849,371.
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 Harmony, David S. 2,822,248.
 Harper, Kenneth A. 2,843,534.
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 Hebard, Glen G. 2,852,079.
 Hepp, Harold J. 2,837,586.
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 Hillyer, John C. 2,863,784.
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 King, William R. 2,864,674.
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 Kleinschmidt, Roger F., Mahan, and Pitts. 2,831,890.
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 Kline, Sidney R. 2,846,628.
 Kolner, Samuel J. 2,835,598.
 Kratochvil, Kenneth V. 2,838,586.
 Krause, Otto J. 2,818,889.
 Krejci, Joseph C. 2,865,717.
 Kruse, Carl W. 2,852,519.
 Lanning, William C. 2,860,125.
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 Lee, Henry H. 2,854,223.
 Leatherman, Gerald T., and Edmonds. 2,849,515.
 Logan, Richard S. 2,822,332.
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 Logan, Richard S. 2,865,957.
 Lortz, Russell W. 2,862,694.
 Louthan, Rector P. 2,853,516.
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 Lyons, Harold D. 2,855,437.
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 Miller, Elmer C. 2,822,475.
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- Phillips, Robert A., to Safety First Supply Co. Foot protective guard. 2,851,798, 9-16-58, Cl. 36-72.
 Phillips, Robert R. Pressure reducing and regulating valves for use in association with containers for gases under high pressures. 2,855,950, 10-14-58, Cl. 137-505,28.
 Phillips, Robert S., Jr., to The Reece Corp. Method of sewing pockets. 2,825,907, 3-11-58, Cl. 2-247.
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- Phillips, Walter E., to Flexico Products. Flexible metallic tubing. 2,832,375, 4-29-58, Cl. 138-51.
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 Richards, William V. 2,841,962.
 Phillips, William F., to Clayton Anderson & Co. Seed cleaner. 2,858,022, 10-28-58, Cl. 209-289.
 Phillips, William H. Servo-vane control for aircraft. 2,821,352, 1-28-58, Cl. 244-90.
 Philpotts, George C., to Caribonum Ltd. Copying sheet, method of making and using same. 2,854,350, 9-30-58, Cl. 117-36.
 Philpott, La Verne R., $\frac{5}{8}$ to R. M. Page, $\frac{1}{8}$ to H. G. Bowen, and $\frac{1}{4}$ to L. C. Young. Sweep circuit generator. 2,838,752, 6-10-58, Cl. 343-13.
 Philpott, La Verne R., and R. M. Page, $\frac{1}{8}$ to R. M. Page, $\frac{1}{8}$ to H. G. Bowen, $\frac{1}{4}$ to L. R. Philpott, $\frac{1}{4}$ to L. C. Young, and $\frac{1}{8}$ to Burns, Doane, Benedict & Irons. Pulse frequency modulation transmission system. 2,820,891, 1-21-58, Cl. 250-17.
 Phin, Sidney R., and F. Kempler. Gluing device for box forming machines. 2,859,727, 11-11-58, Cl. 118-3.
 Phipps, James H.: *See*—
 Joel, Elbert E. 2,828,127.
 Phipps, John D. B., to Floatex Separations Ltd. Sand classifying apparatus. 2,840,238, 6-24-58, Cl. 209-156.
 Phipps, John W., to Imperial Chemical Industries Ltd. Melt spinning apparatus with removable spinning assembly. 2,841,821, 7-8-58, Cl. 18-8.
 Phipps, Willis E.: *See*—
 Duca, Frank J., and Phipps. 2,866,850.
 Phoenix Closet Accessories, Inc.: *See*—
 Marks, Saul H. 2,821,295.
 Phoenix Metal Cap Co., Inc.: *See*—
 Crabbe, Lindsay T. 2,864,519.
 Photo Chemical Co. Ltd.: *See*—
 White Gerald N. 2,825,731.
 Photo Research Corp.: *See*—
 Crandell, Frank F., and Perkins. 2,865,247.
 Photobell Co.: *See*—
 Edelman, Abraham, and Lasar. 2,859,603.
 Photogrammetry, Inc.: *See*—
 Chevillon, Manuel, and Riley. 2,827,834.
 Nieth, Willard F. 2,827,833.
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 Barnett, John S. 2,852,727.
 Phyl, Joseph, to Research-Cottrell, Inc. Discharge electrode mounting device. 2,866,517, 12-30-58, Cl. 183-7.
 Physical Medicine Products Co.: *See*—
 Faust, Lawrence R. 2,838,672.
 Physique & Mecanique S. A. Societe Anonyme suisse: *See*—
 Garnier, Jacques. 2,856,014.
 Piacenza, Giorgio, to Trasformazioni Tessili S. r. l. Shirt. 2,829,375, 4-8-58, Cl. 2-116.
 Pianfetti, John A., and D. J. Porter, to Food Machinery and Chemical Corp. Method of producing polychlorinated acetaldehydes. 2,863,924, 12-9-58, Cl. 260-601.
 Piatt, Joseph H.: *See*—
 Ambrose, Henry A., and Piatt. 2,841,554.
 Piazz, Thomas E., to Continental Can Co., Inc. Method of forming bags. 2,863,365, 12-9-58, Cl. 93-35.
 Pibus, Harold L.: *See*—
 Alexander, Donald C. 2,834,859.
 Picanol, Jaime. Stopping means for the picker stick in weaving looms. 2,847,037, 8-12-58, Cl. 139-166.
 Picanol, Jaime. Method and apparatus for facilitating the starting of looms without changing the pick. 2,858,855, 11-4-58, Cl. 139-1.
 Picanol, Jaime. Mounting means for the warp stop motion device in weaving looms. 2,858,857, 11-4-58, Cl. 139-369.
 Picard, Alfredo E. End of sheet indicating device. 2,845,162, 7-29-58, Cl. 197-189.
 Picard, Berthems J. Combined mixing and diverting valve. 2,823,597, 2-18-58, Cl. 137-597.
 Picard, John B., to The National Supply Co. Overrunning clutch. 2,835,364, 5-20-58, Cl. 192-45.
 Picard, Victorin, and R. Cote, to Canadian Arsenals Ltd. Apparatus for the controlled feeding of cartridge cases and other articles. 2,818,964, 1-7-58, Cl. 198-32.
 Piccard, John A., and F. K. Signalgo, to E. I. du Pont de Nemours & Co. Fibrous pellice comprising oriented ethylene terephthalate polymer and amorphous ethylene terephthalate binder and process for making same. 2,836,576, 5-27-58, Cl. 260-45.4.
 Picciano, Michael A., to Vitro Corp. of America. Cell construction. 2,849,520, 8-26-58, Cl. 136-89.
 Piccinini, Anthony J., and A. D. Lather applicator. 2,849,737, 9-2-58, Cl. 15-138.
 Piccinini, August D.: *See*—
 Piccinini, Anthony J., and A. D. 2,849,737.
 Piccione, Nicholas E., to Burndy Engineering Co., Inc. Electrical bus disconnect. 2,840,674, 6-24-58, Cl. 200-163.
 Piccoli, Dante E.: *See*—
 Ernst, Theodore D., and Piccoli. 2,829,671.
 Pichon, Gabriel J. Z. Hydraulic rotary pump and motor transmission. 2,832,198, 4-29-58, Cl. 60-53.
 Pick, Christian L.: *See*—
 Klöpping, Carel P., and Pick. 2,841,737.
 Pick, Rudolph, to E. I. du Pont de Nemours and Co. Stabilization of liquid sulfur trioxide and oleums. 2,820,695, 1-21-58, Cl. 23-167.

- Pick, Rudolph, to E. I. du Pont de Nemours and Co. Stabilization of liquid sulfur trioxide and oleums. 2,820,696, 121-58, Cl. 23-174.
- Pick, Rudolph, to E. I. du Pont de Nemours and Co. Stabilization of liquid sulfur trioxide and oleums. 2,833,625, 5-6-58, Cl. 23-167.
- Pickard, Albert F., to E. J. Longyear Co. Apparatus for deflecting bore holes. 2,837,314, 6-3-58, Cl. 255-1.6.
- Pickard, Albert F., and W. W. Svendsen, to E. J. Longyear Co. Wire line core barrel. 2,829,868, 4-8-58, Cl. 255-72.
- Pickard, Joseph A. New carbon product and method for manufacturing the same. 2,822,321, 2-4-58, Cl. 202-9.
- Pickels, Edward G., to Beckman Instruments, Inc. Optical density analyzing apparatus. 2,834,247, 5-13-58, Cl. 88-14.
- Pickels, Edward G., and F. A. Pearson, to Beckman Instruments, Inc. Apparatus and method for analyzing refractive index variations and refractive index gradients. 2,834,248, 5-13-58, Cl. 88-14.
- Pickels, Edward G., P. F. Scofield, and F. G. Williams, to Beckman Instruments, Inc. Electrophoresis apparatus. 2,834,729, 5-13-58, Cl. 204-299.
- Pickels, George W., IV, and G. W. H. Champney, to Westinghouse Electric Corp. Reclosing circuit breaker systems. 2,858,483, 10-28-58, Cl. 317-23.
- Pickens, Clifford Jr., Sr.: See—
- Schmidt, William C., and Pickens. 2,854,045.
- Pickens, John D.: See—
- Moffett, Walter K., and Pickens. 2,838,464.
- Picker X-Ray Corp.: See—
- Ball, Jack. 2,829,272.
- Ball, Jack, and Wilkens. 2,821,635.
- Bastin, Edgar J., and Barrett. 2,834,890.
- Graves, Edward B., and Ball. 2,838,681.
- Johns, Harold E., and MacKay. 2,844,736.
- Myers, George B., and Cobean. 2,821,634.
- Reynolds, John A. 2,823,316.
- Schirring, Ralph C., and Bastin. 2,835,520.
- Schirring, Ralph C., and Foderaro. 2,842,676.
- Stava, Robert J., and Reininger. 2,823,315.
- Pickering Associates, Inc.: See—
- Lindenberg, Theodore. 2,853,658.
- Pickering, Dorothy F.: See—
- Rado, Leopold. 2,848,854.
- Pickering, Kenneth A., to General Motors Corp. Vehicle top compartment cover mechanism. 2,845,299, 7-29-58, Cl. 296-136.
- Pickett, Lynn I., to The New York Air Brake Co. Combined vacuum and pressure air brake system and graduating relay for use therein. 2,819,125, 1-7-58, Cl. 303-4.
- Pickett, Montgomery B., to G. S. Blakeslee & Co. Degreasing machine with cooling jacket. 2,823,174, 2-11-58, Cl. 202-170.
- Pickett, Roswell C., to S. A. Pickett. Metal slide rule. 2,863,605, 12-9-58, Cl. 235-70.
- Pickett, Susan A.: See—
- Pickett, Roswell C. 2,863,605.
- Picking, Henry J., to Gestetner Ltd. Interleaving device for a duplicating machine. 2,863,661, 12-9-58, Cl. 271-44.
- Pick-In-Rig, Inc.: See—
- Wiegell, Louis A. 2,821,312.
- Pickles, Joseph, to Ferro Stamping Co. Wedge type lock. 2,864,636, 12-16-58, Cl. 292-216.
- Pickles, Sidney B., to International Telephone and Telegraph Corp. Television signal distribution system. 2,854,506, 9-30-58, Cl. 178-6.
- Pickles, Sidney B., P. R. Adams, and C. Lucanera, to International Telephone and Telegraph Corp. Omnirange beacon antenna. 2,836,820, 5-27-58, Cl. 343-839.
- Pickup, Bryan, to Dunlop Rubber Co. Ltd. Adhesion testing machines. 2,834,205, 5-13-58, Cl. 73-150.
- Pickwick Co.: See—
- Corey, Flournoy and F. C., and Farchmin. 2,852,805.
- Corey, Flournoy, and Pitts. 2,862,230.
- Corey, Frederick C. and F. 2,866,226.
- Farchmin, Roy H., Pitts, and Zuber. 2,836,845.
- Picone, Arthur, Jr. Clothesline support. 2,834,476, 5-13-58, Cl. 211-119.02.
- Picone, John T. Machine for crushing stone and the like. 2,866,605, 12-30-58, Cl. 241-262.
- Pictorial Productions, Inc.: See—
- Anderson, Victor G. 2,832,593.
- Pidgeon, Lloyd M., to Chromium Mining & Smelting Corp., Ltd. Apparatus for producing magnesium. 2,837,328, 6-3-58, Cl. 266-15.
- Piehl, Robert L., to California Research Corp. Inhibition of hastelloy B corrosion. 2,854,497, 9-30-58, Cl. 260-683.15.
- Pieke, Simon J., to J. Voorhorst. Injection syringe and an injection needle for use therewith. 2,826,196, 3-11-58, Cl. 128-221.
- Piel, Alfred J. All weather feeder for animals. 2,826,171, 3-11-58, Cl. 119-52.
- Piel, Gerard J. R., to Societe d'Electronique et d'Automatisme. Representation translation of electric magnitude. 2,845,219, 7-29-58, Cl. 235-61.
- Pielop, William E., Jr. Impact-actuated pulling device. 2,855,662, 10-14-58, Cl. 29-255.
- Piemont, Georges. Process for producing shoulder strips for belt conveyors. 2,831,215, 4-22-58, Cl. 13-475.
- Pie-O-Matic Corp.: See—
- Cenotti, Lewis. 2,834,510.
- Pieper, George E., and A. C. Faehnel. Magnetic oil filters. 2,860,787, 11-18-58, Cl. 210-223.
- Pieper, Josef H. F. to Hercules Powder Co. Method of preparing caprolactam. 2,840,553, 6-24-58, Cl. 260-239.3.
- Pieper, Josef H. F., and J. E. V. N. Stauch, to Hercules Powder Co. Process for the preparation of cyclohexanone oxime. 2,852,561, 9-16-58, Cl. 260-566.
- Pieper, Josef H. F., and J. E. V. N. Stauch, to Hercules Powder Co. Improvement for the preparation of polyamides. 2,865,895, 12-23-58, Cl. 260-78.
- Pieper, Joseph H. F., to Hercules Powder Co. Method of preparing caprolactam. 2,840,554, 6-24-58, Cl. 260-234.3.
- Pier, Jerome R., to Westinghouse Air Brake Co. Pulsation dampener device and mandrel for use therein. 2,841,180, 7-1-58, Cl. 138-30.
- Pier, Jerome R., to Westinghouse Air Brake Co. Pulsation dampener device. 2,861,595, 11-25-58, Cl. 138-30.
- Pierce, Albert D., and F. A. Wagner, to Textron American, Inc. Unloading means for centrifugal casting chuck. 2,864,138, 12-16-58, Cl. 22-58.5.
- Pierce, Bernard N., to The Merrow Machine Co. Adjusting means for sewing machine trimmer mechanism. 2,825,294, 3-4-58, Cl. 112-125.
- Pierce, Bernard N., to The Merrow Machine Co. Trimming mechanism for sewing machines. 2,844,202, 7-22-58, Cl. 164-17.5.
- Pierce, Bernard N., to The Merrow Machine Co. Feed control for shirring mechanism. 2,851,975, 9-16-58, Cl. 112-209.
- Pierce, Chester J., Jr., and T. F. Burke, to Baljak Corp. Folding box assembly machines. 2,832,270, 4-29-58, Cl. 93-51.
- Pierce, Donald A.: See—
- Barden, Wayne A., and Pierce. 2,836,667.
- Barden, Wayne A., and Pierce. 2,844,676.
- Pierce, Donald A., to Chicago Telephone Supply Corp. Combined contact and terminal for electric switch. 2,862,082, 11-25-58, Cl. 200-166.
- Pierce, Earl R., to General Motors Corp. High temperature seals. 2,840,350, 6-24-58, Cl. 257-1.
- Pierce, Edward J. Hydraulic concentrator. 2,832,472, 4-29-58, Cl. 209-442.
- Pierce, Eldridge M. Vacuum cut hair removing machine. 2,856,627, 10-21-58, Cl. 15-315.
- Pierce, Firth: See—
- Brettell, George A., Jr., and Pierce. 2,864,262.
- Pierce, Firth, G. A. Brettell, Jr., M. O. Kappler, and C. F. Bradley, to United States of America, Navy. Echo-ranging gear training device. 2,854,764, 10-7-58, Cl. 35-10.4.
- Pierce, George W., D. C. Seelbinder, and W. B. Hausler, to Eastman Kodak Co. Semi-automatic roll film stripping apparatus. 2,848,174, 8-19-58, Cl. 242-55.
- Pierce Governor Co., Inc. The: See—
- Hutton, Forest F. 2,845,079.
- Reger, Raymond. 2,851,648.
- Pierce, Harold C. Toy bank. 2,861,387, 11-25-58, Cl. 46-4.
- Pierce, John B. Foundation: See—
- Kaufman, Herbert C. 2,834,736.
- Okoomian, Howard J., and Herrington. 2,840,500.
- Payne, Hugh F., and Bauer. 2,845,907.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Modulated microwave oscillator. 2,830,271, 4-8-58, Cl. 332-7.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Interstage coupling network. 2,835,872, 5-20-58, Cl. 333-32.
- Pierce, John R., to Bell Telephone Laboratories, Inc. High frequency amplifier. 2,841,738, 7-1-58, Cl. 315-3.5.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Electron beam systems. 2,841,739, 7-1-58, Cl. 315-3.5.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Traveling wave tube. 2,843,791, 7-15-58, Cl. 315-3.6.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Traveling wave tube. 2,843,792, 7-15-58, Cl. 315-3.6.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Bifilar helix coupling connections. 2,846,613, 8-5-58, Cl. 315-3.6.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Magnetic focusing system. 2,847,607, 8-12-58, Cl. 315-3.5.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Electromagnetic wave transmission. 2,848,695, 8-19-58, Cl. 333-95.
- Pierce, John R., to Bell Telephone Laboratories, Inc. Tapered wave guide delay equalizer. 2,863,126, 12-2-58, Cl. 333-28.
- Pierce, John R., and W. H. Yocom, to Bell Telephone Laboratories, Inc. Backward wave tube. 2,824,256, 2-18-58, Cl. 315-3.5.
- Pierce, Joseph M. Transmission and cylinder head hoist. 2,846,188, 8-5-58, Cl. 254-146.
- Pierce, Lawrence, R. B. Immel, and S. Kmonk, Jr., to Westinghouse Electric Corp. Limit switch operating mechanism. 2,821,088, 1-28-58, Cl. 74-99.
- Pierce, Norton T., to Polaroid Corp. Photomicrographic apparatus. 2,835,167, 5-20-58, Cl. 88-40.
- Pierce, Paul W. Fishing pole carrier for automobiles. 2,835,424, 5-20-58, Cl. 224-42.03.
- Pierce, R. H., Mfg. Co.: See—
- Johnson, Alexander J. 2,834,634.
- Pierce, Robert P., and E. E. Buffum. Cable coupling. 2,862,743, 12-2-58, Cl. 287-91.
- Pierce, William C., to Warner Electric Brake & Clutch Co. Magnetic work holder. 2,823,340, 2-11-58, Cl. 317-163.

- Pierce, William C., to Warner Electric Brake & Clutch Co. Multiple magnetic friction device. 2,823,776, 2-18-58, Cl. 192-18.
- Pierce, William C., to Warner Electric Brake & Clutch Co. Magnetic device and control therefor. 2,832,918, 4-29-58, Cl. 317-123.
- Pierce, William C., and P. A. Harter, to Warner Electric Brake & Clutch Co. Magnetic torque producing device. 2,839,697, 6-17-58, Cl. 310-93.
- Piercey, Roger J., to Stenners of Tiverton Ltd. Log deck and turning mechanism for log saw mills. 2,832,379, 4-29-58, Cl. 143-95.
- Pierini, Frederick A.: *See—*
- Gillette, Edward S., and Pierini. 2,820,639.
- Pieron, Vernon R.: *See—*
- McArthur, Bruce E., and Pieron. 2,859,323.
- Pierre, Gerald J.: *See—*
- Stone, Spencer A., and Pierre. 2,826,304.
- Pierre, Gerald J. Sheet holder. 2,860,352, 11-18-58, Cl. 5-320.
- Piersol, George M., Jr.: *See—*
- Gulesch, John J., and Piersol. 2,850,429.
- Piersol, Jay L., to Armstrong Cork Co. Method of making rubber-bound fibrous products and the like. 2,843,479, 7-15-58, Cl. 92-21.
- Pierson, Merlin G., $\frac{1}{2}$ to D. Hagen. Windrowers. 2,850,863, 9-9-58, Cl. 56-192.
- Pierson, Norman A., to Naturizer Co. Process of fermenting municipal refuse disposal. 2,823,106, 2-11-58, Cl. 71-9.
- Pierson, William B. Electrical testing and treatment apparatus. 2,827,041, 3-18-58, Cl. 128-21.
- Pierson, William M., to United States of America, Atomic Energy Commission. Calutrons. 2,852,688, 9-16-58, Cl. 250-41.9.
- Pieters, Willem J.: *See—*
- Ten Have, Cornelis D., and Pieters. 2,862,878.
- Pieters, Willem J., L. Alders, and J. Doorn, to Shell Development Co. Flotation dewaxing. 2,847,356, 8-12-58, Cl. 196-19.
- Pieters, Willem J., and A. C. Van Best, to Shell Development Co. Hydrocarbon oil treating process. 2,862,877, 12-2-58, Cl. 208-190.
- Pietri, Georges: *See—*
- Boutry, Georges A., and Pietri. 2,835,835.
- Pietruszka, Walter M., to Kay Mfg. Corp. One piece formed sinuous spring. 2,834,594, 5-13-58, Cl. 267-1.
- Pietruszka, Walter M., to Kay Mfg. Corp. Spring structure for upholstered furniture. 2,851,088, 9-9-58, Cl. 155-179.
- Pietruszka, Walter M., to Kay Mfg. Corp. Lockable upholstery edge spring. 2,851,089, 9-9-58, Cl. 155-179.
- Pietsch, Helmut: *See—*
- Raecke, Bernhard Kohler, and Pietsch. 2,865,897.
- Pietsch, Helmut, and H. Nagel, to Henkel & Cie. G. m. b. H. Preparation of conversion products of pentaerythrite dichlorohydrine monosulfurous acid esters. 2,844,592, 7-22-58, Cl. 260-333.
- Pietsch, Raymond L.: *See—*
- Scott, Hayes O., and Pietsch. 2,810,408.
- Pietzy, Raymond G.: *See—*
- Cruzan, Charles G., and Pietzy. 2,838,731.
- Pietzy, Raymond G., to Phillips Petroleum Co. Flowmeter. 2,826,066, 3-11-58, Cl. 73-155.
- Pietzy, Raymond G., to Phillips Petroleum Co. Method of and apparatus for multiplying and integrating variables. 2,839,149, 6-17-58, Cl. 181-0.5.
- Pifer, Marion J., to Sylvania Electric Products Inc. Backs for receiver cabinets. 2,837,633, 6-3-58, Cl. 250-14.
- Pigage, Robert F.: *See—*
- Carlson, Leonard O., and Pigage. 2,828,583.
- Fowler, Norman W., and Pigage. 2,831,374.
- Pigeon, Gerard. Apparatus for the measurement of arterial pressure. 2,821,188, 1-28-58, Cl. 128-2.05.
- Pigeon, Gerard. Apparatus for controlling the pulse. 2,848,992, 8-26-58, Cl. 128-2.05.
- Pigeon Hole Parking, Inc.: *See—*
- Sanders, Vaughn A. 2,848,069.
- Piggy-Back, Inc.: *See—*
- Clejan, Deodat. 2,864,321.
- Pignone, Joseph, to Weston Electrical Instrument Corp. Recorder pen. 2,829,026, 4-1-58, Cl. 346-140.
- Pigott, Miles T.: *See—*
- Kendig, Paul M., and Pigott. 2,857,757.
- Pigott, Reginald J. S., to Gulf Research & Development Co. Application of cutting fluids in grinding operations. 2,818,696, 1-7-58, Cl. 51-267.
- Piha, Arthur W., and A. Sirutz, to International Harvester Co. Adjustable single blade chamfering tool. 2,852,969, 9-23-58, Cl. 77-73.5.
- Pihl, Lucien J., to American Bosch Arma Corp. Hydraulic starting system for internal combustion engines. 2,845,916, 8-5-58, Cl. 123-179.
- Pihl, Carl, 35% to L. J. Seymour. Tool holder assembly. 2,821,296, 1-28-58, Cl. 206-16.
- Pihl, George E., to Acton Laboratories, Inc. Dielectric voltage divider. 2,847,640, 8-12-58, Cl. 323-79.
- Pihl, George E., to Acton Laboratories, Inc. Wattmeter. 2,850,698, 9-2-58, Cl. 324-142.
- Pihl, George E., to Acton Laboratories, Inc. Vacuum tube voltmeter. 2,863,118, 12-2-58, Cl. 324-123.
- Pillola, Calvin E.: *See—*
- Maxwell, Ira C., Langen, and Pillola. 2,834,523.
- Pike, Charles O.: *See—*
- Klemka, Albert J., and Pike. 2,862,613.
- Pike, Donald S.: *See—*
- Else, John G., and Pike. 2,819,025.
- Pike, Herbert J., Jr.: *See—*
- Fardon, Harry D., Jr., and Pike. 2,862,279.
- Pike, John W.: *See—*
- Erater, Donald C., and Pike. 2,863,735.
- Pike, Kenneth N.: *See—*
- Porter, Carroll B., Labbe, and Pike. 2,863,731.
- Pike, Ronald M.: *See—*
- Bailey, Donald L., and Pike. 2,820,798.
- Bailey, Donald L., and Pike. 2,851,472.
- Pike, Winthrop S.: *See—*
- Zworykin, Vladimir K., Flory, and Pike. 2,847,080.
- Piker, Herbert M., to Hamilton-Skotch Corp. Insulated container. 2,838,194, 6-10-58, Cl. 215-13.
- Piker, Herbert M., to Hamilton-Skotch Corp. Closure cap for an insulated container. 2,838,211, 6-10-58, Cl. 222-460.
- Piker, Herbert M., and A. J. Schultheiss, to Hamilton-Skotch Corp. Container and a lid or cover therefor. 2,863,581, 12-9-58, Cl. 215-13.
- Pikl, Josef, to E. I. du Pont de Nemours and Co. Polychlorobenzenedithiols. 2,842,578, 7-8-58, Cl. 260-429.9.
- Pikl, Josef, to E. I. du Pont de Nemours and Co. Process for peptizing diene hydrocarbon elastomers and product thereof. 2,860,116, 11-11-58, Cl. 260-30.2.
- Pilas, Frank J.: *See—*
- Chase, John A., Pilas, and Wolke. 2,831,238.
- Chase, John A., Pilas, Wolke, and Battstone. 2,842,832.
- Wolke Roy K., and Pilas. 2,836,746.
- Pilas, Frank J., to Radio Corp. of America. Electron discharge tube and electrode therefor. 2,858,469, 10-28-58, Cl. 313-260.
- Pilas, Frank J., R. K. Wolke, and J. A. Chase, to Radio Corp. of America. Safety release for automatic mounting apparatus. 2,831,239, 4-22-58, Cl. 29-25.19.
- Pilch, John S. Rigid mounting for equipment on tractor. 2,835,396, 5-20-58, Cl. 214-131.
- Pilch, John S. Tractor operator trencher. 2,846,094, 8-5-58, Cl. 214-131.
- Pilch, John S. Detachable point for excavating apparatus. 2,861,361, 11-25-58, Cl. 37-142.
- Pilch, John S. Equipment mounting sub-frame assembly for tractors. 2,861,812, 11-25-58, Cl. 280-106.
- Pilcher, Harold W., and V. A. Maxson, to Deere & Co. Harvester pickup attachment. 2,821,061, 1-28-58, Cl. 56-364.
- Pileggi, Joseph: *See—*
- Pileggi, Vincent R., and J. 2,828,753.
- Pileggi, Vincent R. Hair treating apparatus. 2,824,566, 2-25-58, Cl. 132-45.
- Pileggi, Vincent R., and J. Hair retainer. 2,828,753, 4-1-58, Cl. 132-42.
- Pillia, Frank J.: *See—*
- Kane, John S., and Pillia. 2,863,983.
- Pilkington Bros. Ltd.: *See—*
- Baker, Henry W. 2,846,819.
- Cleminson, Frederick A. 2,857,713.
- Greenway, Eric A., and Whiteheart. 2,856,951.
- Javaux, Gustave. 2,859,565.
- Roxburgh, William B. 2,834,306.
- Wynne, Hubert C. 2,826,005.
- Wynne, Hubert C., and Nuttall. 2,826,868.
- Pilkington's Tiles Ltd.: *See—*
- Burton, William H. 2,828,004.
- Pille, Henry J., 50% to M. E. Weitzell. Heat exchange coil fin straightener. 2,818,757, 1-7-58, Cl. 81-15.
- Pilling, Frank E. Liquefied petroleum gas heat exchanger and pressure regulator. 2,832,204, 4-29-58, Cl. 62-1.
- Pilling, George P., & Son Co.: *See—*
- Ara, Abidin. 2,838,050.
- Neiman, Howard S., Jr. 2,839,830.
- Peckham, Robert H. 2,828,669.
- Pilling, Norman B.: *See—*
- Millis, Keith D., Gangebin, and Pilling. 2,835,619.
- Pillsbury Co., The: *See—*
- Coyne, William R. 2,865,154.
- Pillsbury Mills, Inc.: *See—*
- Brabender, Carl W. 2,832,215.
- Brabender, Carl W., and Renner. 2,857,151.
- Fennema, Owen R. 2,836,498.
- Forkner, John H. 2,821,477.
- Forkner, John H. 2,821,478.
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- Forkner, John H. 2,856,287.
- Harrel, Chastlan G., and Baeder. 2,850,394.
- Perrozzi, Joseph R. 2,851,365.
- Perrozzi, Joseph R., and Percy. 2,855,315.
- Rejsa, Jack J. 2,833,099.
- Pilo, Claes W., and S. W. Dahlbeck. Process for the recovery of heat from hot gases. 2,838,135, 6-10-58, Cl. 183-120.
- Pilon, Earl L., Sr., to Skenandoo Rayon Corp. Process and apparatus for grinding surfaces. 2,846,828, 8-12-58, Cl. 51-241.
- Piloni, Robert A.: *See—*
- Rowland, George P., Jr., and Piloni. 2,849,422.
- Rowland, George P., Jr., and Piloni. 2,849,423.
- Rowland, George P., Jr., and Piloni. 2,849,424.
- "Pilotlab": *See—*
- Fried, William F., Jr. 2,849,116.

- Pim, Robert N.: *See*—
Beck, Henry C., and Pim. 2,863,820.
- Pimm, Charles C. Locking device for scaffold elements. 2,823,959, 2-18-58, Cl. 304-40.
- Pinckaers, Balthasar H., to Minneapolis-Honeywell Regulator Co. Transistor controller. 2,828,450, 3-25-58, Cl. 317-148.5.
- Pinckaers, Balthasar H., to Minneapolis-Honeywell Regulator Co. Condition responsive apparatus. 2,833,938, 5-6-58, Cl. 307-88.5.
- Pinckaers, Balthasar H., to Minneapolis-Honeywell Regulator Co. Condition detecting apparatus. 2,839,691, 6-17-58, Cl. 250-214.
- Pinckaers, Balthasar H., to Minneapolis-Honeywell Regulator Co. Condition responsive apparatus. 2,852,702, 9-16-58, Cl. 307-132.
- Pinckert, Carl W., and R. E. White, to Bemis Bro. Bag Co. Web feed means for rotary printing press. 2,845,021, 7-29-58, Cl. 101-228.
- Pinder, Raymond G., to Eastman Kodak Co. Lacquer composition comprising epoxide resin, polyamide resin and cellulose acetate butyrate and article coated therewith. 2,865,870, 12-23-58, Cl. 260-13.
- Pine, Charles: *See*—
Rohrbaugh, John H., Pine, and Zoellner. 2,836,800.
- Pine Corp.: *See*—
Zimmerman, Robert F., and Becker. 2,827,386.
- Pine, Wilbur M. Building construction. 2,852,109, 9-16-58, Cl. 189-1.
- Pines, Arthur N., and G. H. Wagner, to Union Carbide Corp. Process for dehydrochlorinating polychlorocyclohexylchlorosilanes. 2,820,048, 1-14-58, Cl. 260-448.2.
- Pines, Arthur N., and G. H. Wagner, to Union Carbide Corp. Method of preparing alkynyl trichlorosilanes. 2,849,472, 8-26-58, Cl. 260-448.2.
- Pines, Arthur N., and R. E. Godlewski, to Union Carbide Corp. Process for the production of divinylalkoxyalkoxysilanes. 2,851,474, 9-9-58, Cl. 260-448.8.
- Pines Engineering Co., Inc.: *See*—
Meredith Robert J. 2,837,928.
- Pines, Herman, to Universal Oil Products Co. Alkylation process. 2,820,074, 1-14-58, Cl. 260-683.49.
- Pines, Herman, to Universal Oil Products Co. Side chain alkylation of alkylaromatics with olefins using an organo-metallic compound as catalyst. 2,849,508, 8-26-58, Cl. 260-668.
- Pines, Herman, to Universal Oil Products Co. Preparation of organic lead compounds. 2,850,513, 9-2-58, Cl. 260-437.
- Pinet, André E. Modulation limiter for multiplex pulse communication systems. 2,844,651, 7-22-58, Cl. 179-15.
- Pinet, André E. Switch device for multiplex channel transmission receivers. 2,844,652, 7-22-58, Cl. 179-15.
- Pingon, Pierre J., to Societe M. Tichauer, S. a. r. l. Pivoting and hoisting arrangement for the distributing assembly of a tower crane. 2,858,945, 11-4-58, Cl. 212-64.
- Pinkel, Isadore I. Adjustable crash resistant seat. 2,863,496, 12-9-58, Cl. 155-152.
- Pinkney, Ewen T.: *See*—
Porter, Robert R., and Pinkney. 2,841,538.
- Pinnacle Products Co., The: *See*—
Kisel, Stanley C., C. S. and H. J. 2,834,145.
- Pinney, Harold E., to General Electric Co. Parallel operation of transformers. 2,853,628, 9-23-58, Cl. 307-24.
- Pino, Piero: *See*—
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- Pino, Vincent. Ejecting cigarette case. 2,837,238, 6-3-58, Cl. 221-227.
- Pinot Perigord de Villechenon, Henriette M. S.: *See*—
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- Pinotti, Alfred D., to Owens-Illinois Glass Co. Conductive medium for anode button in a cathode ray tube. 2,820,166, 1-14-58, Cl. 313-64.
- Pinotti, Alfred D., to Owens-Illinois Glass Co. Apparatus for molding and reshaping glass parts. 2,827,737, 3-25-58, Cl. 49-37.
- Pinsenschaum, Edwin C., to American Brake Shoe Co. Hydraulic press. 2,822,822, 2-11-58, Cl. 137-622.5.
- Pinsky, Jules, A. E. Adakonis, and A. R. Nielsen, to Plax Corp. Plastic coated articles. 2,830,721, 4-15-58, Cl. 215-1.
- Pinsky, Jules, A. E. Adakonis, and A. R. Nielsen, to Plax Corp. Coated plastic articles. 2,836,318, 5-27-58, Cl. 215-1.
- Pinsky, Jules, A. E. Adakonis, and A. R. Nielsen, to Plax Corp. Coated plastic articles. 2,836,319, 5-27-58, Cl. 215-1.
- Pinson, Abraham. Fence construction. 2,826,394, 3-11-58, Cl. 256-32.
- Pinson, Ellis R., Jr., to Chas. Pfizer & Co., Inc. Bis quaternary ammonia alkyl ureas. 2,850,529, 9-2-58, Cl. 260-553.
- Pinson, Ellis R., Jr., and G. D. Laubach, to Chas. Pfizer & Co., Inc. Testosterone 4,4-dimethyl pentanoate. 2,831,873, 4-22-58, Cl. 260-397.4.
- Pintarelli, Ralph. Valve controls. 2,842,337, 7-8-58, Cl. 251-339.
- Pinter, George S.: *See*—
O'Rourke, Innis, Jr., and Pinter. 2,820,480.
- Pinto, Anthony, to Otis Elevator Co. Elevator motor control system. 2,856,572, 10-14-58, Cl. 318-144.
- Pintsch Bamag Akt.: *See*—
Berghaus, Ewald O. 2,862,864.
Kramer, Helmut. 2,828,923.
- Piochet, Jean. Listening device for detecting fluid flows. 2,836,655, 5-27-58, Cl. 179-1.
- Pioneer Electric Brandon Ltd.: *See*—
Roots, William K. 2,843,759.
- Pioneer Electric and Research Corp.: *See*—
Sininger, Dwight V. 2,866,869.
- Pioneer Electronics Corp.: *See*—
De Lucia, Victor E. 2,845,506.
- Pioneer Mfg. Co., The: *See*—
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- Pioneer Parachute Co., Inc.: *See*—
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- Pioneer Suspender Co.: *See*—
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- Piontek, Henry A., to International Harvester Co. Implement mounting means for crawler tractors. 2,832,158, 4-29-58, Cl. 37-144.
- Piontkowski, John S.: *See*—
Finkel, Leonard, Piontkowski, and Weidknecht. 2,821,629.
- Piper, Harry K. Window construction. 2,864,131, 12-16-58, Cl. 20-12.
- Pipe Linings, Inc.: *See*—
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Matheny, Francis M. 2,839,026.
Matheny, Francis M. 2,860,356.
- Pipe Machinery Co.: *See*—
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- Pipeline X-Ray Service: *See*—
Arvanetakis, Kiryako, and Radeliff. 2,847,580.
- Piper, Bert W., to Kephy Mfg. Co. Solenoid actuated switch. 2,821,599, 1-28-58, Cl. 200-105.
- Piper, Frank R., and J. M. Gardner, to West Point Mfg. Co. Fabric stretcher. 2,825,997, 3-11-58, Cl. 45-24.
- Piper, Jack R.: *See*—
Main, Leo E., Piper, and Smith. 2,850,897.
- Piper, William W., to General Electric Co. Single crystal electroluminescence. 2,841,730, 7-1-58, Cl. 313-108.
- Pipes, Clarence P., and J. F. Mitchell, to Motorola, Inc. High frequency long-line variably end-loaded tuner stackable with similar tuners for intercoupling. 2,833,994, 5-6-58, Cl. 333-73.
- Pipher, Edward W. Capsule and method of production. 2,846,353, 8-5-58, Cl. 167-83.
- Piplack, Arno E. Electric plug receptacle. 2,826,652, 3-11-58, Cl. 200-51.09.
- Piqué, Baudilio J. Negative pattern and hollow mold for casting compound reflector members. 2,841,825, 7-8-58, Cl. 18-34.
- Piquerez, Ervin. Fluid-tight watch provided with an automatic winding-up system and key setting stem. 2,831,315, 4-22-58, Cl. 58-90.
- Piquerez, Ervin. Double watch crystal with moisture absorbent and indicating packing. 2,854,815, 10-7-58, Cl. 58-90.
- Pirelli-General Cable Works Ltd.: *See*—
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- Pirelli S. p. A.: *See*—
Vanzo, Marcello. 2,848,863.
- Pirelli Società per Azioni: *See*—
Vanzo, Marcello, Giletta, and Nuara. 2,828,797.
- Pirner, Klaus: *See*—
Bribsch, Eugen, Zuehlsdorff, and Pirner. 2,828,306.
- Pirogow, Igor A. Perspective drawing device. 2,854,750, 10-7-58, Cl. 33-77.
- Piromalli, Rocco. Combined frame holder and perforated object. 2,836,916, 6-3-58, Cl. 40-152.2.
- Piror, Ernst, to Vereinigte Glanzstoff-Fabriken Aktiengesellschaft. Process of refining dimethylformamide. 2,829,088, 4-1-58, Cl. 202-56.
- Pirot, Ernst, to Vereinigte Glanzstoff-Fabriken Akt. Method of producing a spinning solution of an acrylonitrile polymer. 2,833,738, 5-6-58, Cl. 260-31.6.
- Pirot, Ernst, to Vereinigte Glanzstoff-Fabriken Akt. Spinning solutions containing acrylonitrile polymers, dimethylformamide and an acetal, and process of making same. 2,839,486, 6-17-58, Cl. 260-32.6.
- Pirot, Ernst, to Vereinigte Glanzstoff-Fabriken Akt. Polymerization of acrylic acid nitrile. 2,847,408, 8-12-58, Cl. 260-88.7.
- Pirot, Ernst, to Vereinigte Glanzstoff-Fabriken Akt. Method of improving the textile properties of polyacrylonitrile threads. 2,851,435, 9-9-58, Cl. 260-32.6.
- Piroux, Jean. Electric accumulators. 2,855,451, 10-7-58, Cl. 136-76.
- Pirrello, Antonio. Power roller skates. 2,857,008, 10-21-58, Cl. 180-1.
- Pirone, Anthony L. M. Flying machine. 2,837,302, 6-3-58, Cl. 244-49.
- Pirson, Ewald: *See*—
Nitzsche, Siegfried, and Pirson. 2,833,735.
- Pirwitz, Wilhelm: *See*—
Eben, Franz, Hofmann, and Pirwitz. 2,821,401.
- Pirz, Joseph J. Adjustable rotisserie and broiler. 2,831,954, 4-22-58, Cl. 219-35.
- Pisani, Joseph. Device to prevent door locking in refrigerators. 2,829,609, 4-8-58, Cl. 109-63.5.
- Pisano, Albert J. Loose leaf metal ring construction. 2,847,998, 8-19-58, Cl. 129-1.

- Pischke, Johannes, and F. Primessing, to Dynamit Actien-Gesellschaft vormals Alfred Nobel & Co. Method of producing armoured synthetic plastic tubes, vessels or shaped pieces. 2,828,537, 4-1-58, Cl. 29—517.
- Piskorski, John, and S. S. Podnos, to the United States of America as represented by the Secretary of the Army. Fuze for small caliber ammunition. 2,824,518, 2-25-58, Cl. 102—79.
- Pisoni, Rino. Apparatus for cooling and solidifying soap. 2,832,123, 4-29-58, Cl. 25—8.
- Pistey, Alexander M.: *See—*
Flauder, Alfred J. 2,843,959.
- Pistoles, Lambert R. Internal cylinder gage. 2,853,789, 9-30-58, Cl. 33—178.
- Pitavy, Edmond. Feeding-bottles obturated by a screw-plug. 2,864,520, 12-16-58, Cl. 215—11.
- Pitkanen, Gilbert. Rotary piston engine. 2,845,909, 8-5-58, Cl. 123—12.
- Pitler, Richard K.: *See—*
Dyrkacz, Wasil W., Pitler, and Butler. 2,824,798.
- Pitlik, Hillel, to Bell Telephone Laboratories, Inc. Electronic telephone subscriber's line circuit for neutralizing the effects of longitudinal induction and longitudinal unbalance. 2,829,203, 4-1-58, Cl. 179—18.
- Pitman, Alfred T. Cooking apparatus. 2,860,569, 11-18-58, Cl. 99—404.
- Pitman, Herbert J.: *See—*
Nelson, Roy F., Givens, and Pitman. 2,830,022.
- Pitman, Richard W., to Underwood Corp. Register engaging mechanism. 2,822,976, 2-11-58, Cl. 235—60.
- Pitman, Richard W., to Underwood Corp. Restoring mechanism for adding machine indexing means. 2,835,441, 5-20-58, Cl. 235—60.
- Pitner, Alfred O., to Société dite: Societe Anonyme des Roulements A. Aiguilles. Piston and process of constructing same. 2,851,319, 9-9-58, Cl. 309—19.
- Pitney-Bowes, Inc.: *See—*
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Kubovy, Joseph V. 2,863,390.
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Uthenwoldt, Frederick W., and Bach. 2,846,945.
- Pitney, Frank W., to Ford Motor Co. Ltd. Tractor hydraulic lifts. 2,833,195, 5-6-58, Cl. 97—46.59.
- Pitre, Davide: *See—*
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- Pitrot, Adrian R., to National Lead Co. Composite lead phosphate-lead silicate pigments. 2,822,285, 2-4-58, Cl. 106—297.
- Pitt, Harold M., and H. Bender, to Stauffer Chemical Co. Process for producing hexachlorocyclohexane. 2,857,437, 10-21-58, Cl. 260—648.
- Pitt, Samuel: *See—*
Hallam, Cecil A., and Pitt. 2,837,764.
- Pitt, Samuel, to Western Electric Co., Inc. Apparatus for locating pads of tape material on a mandrel. 2,861,754, 11-25-58, Cl. 242—71.9.
- Pittaluga, Louis. Combined see-saw and merry-go-round. 2,819,080, 1-7-58, Cl. 272—30.
- Pittenger, Harold C. Micrometer height gauge. 2,841,876, 7-8-58, Cl. 33—170.
- Pittman, Forrest C., to Halliburton Oil Well Cementing Co. Self fill differential collar. 2,846,015, 8-5-58, Cl. 166—224.
- Pittman, George F., Jr., R. O. Decker, and R. L. Bright, to Westinghouse Electric Corp. Control apparatus. 2,824,697, 2-25-58, Cl. 235—92.
- Pittman, J. M.: *See—*
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- Pittinger, Fred W.: *See—*
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- Pittman, Robert E., and L. W. Erath, to Southwestern Industrial Electronic Co. Cathode ray tube viewing device. 2,825,886, 3-4-58, Cl. 340—15.
- Pittman, Walter F., G. R. Bergen, and S. D. Wiemann, to Fibreboard Paper Products Corp. Machine for opening flat fold cartons. 2,831,407, 4-22-58, Cl. 93—53.
- Pittman, William C. Tractor mounted reciprocating cutting assembly. 2,832,183, 4-29-58, Cl. 56—25.
- Pitt-Rivers, Rosalind, and J. Gross, to National Research Development Corp. Method of preparing 3,5,3' L-tri-iodothyronine and pharmaceutical compositions thereof. 2,823,164, 2-11-58, Cl. 167—65.
- Pitts, George B., to Otis Elevator Co. Industrial truck. 2,829,785, 4-8-58, Cl. 214—75.
- Pitts, Hymen: *See—*
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- Pitts, Isadore L., and H. Device for dismantling storage batteries. 2,828,534, 4-1-58, Cl. 29—204.
- Pitts, Kennard: *See—*
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Herider, Elmer A., and Pitts. 2,856,988.
- Pitts, Kennard, and E. A. Herider, to Rockwell Spring and Axle Co. Strip spring construction. 2,834,403, 5-13-58, Cl. 155—179.
- Pitts, Paul M.: *See—*
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- Pitts, Robert D.: *See—*
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- Pitts, Sam H., Jr.: *See—*
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- Pittsburgh Coke and Chemical Co.: *See—*
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- Pittsburgh Corning Corp.: *See—*
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Christenson, Roger M., Cummings, and Bader. 2,843,566.
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- Febinger, William C. 2,852,791.
- Fekete, Frank. 2,830,078.
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- Fekete, Frank. 2,855,434.
- Franke-Filipasic, Borivoj R. 2,820,020.
- Franke-Filipasic, Borivoj R. 2,820,021.
- Gloyer, Stewart W., Vogel, and Brenner. 2,856,094.
- Guenther, John R. 2,855,373.
- Hall, James N., Jr. 2,832,490.
- Kerkoski, Lloyd C. 2,855,727.
- Kocher, Fred W. 2,837,876.
- Lambie, James M. 2,849,779.
- Langhart, Victor K., and Huffman. 2,825,671.
- Lefevre, Fernand J. 2,839,198.
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- Moorman, Robert W. 2,843,556.
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- Olson, Melvin M., and Christenson. 2,848,425.
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- Richardson, Ronald E. 2,861,396.
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- Robbins, Bruce D. 2,826,872.
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- Van Clief, William C., Jr. 2,854,797.
- Van Clief, William C., Jr. 2,860,354.
- Van Clief, William C., Jr. 2,860,921.
- Zeolla, Mario N., and Bobel. 2,838,809.
- Pittsburgh Reflector Co.: *See—*
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- Pityo, Albert F. Method of and apparatus for forming U-shaped members and welding the same to metallic parts. 2,846,561, 8-5-58, Cl. 219—79.
- Pityo, Albert F. Method of producing diodes, resistors, rectifiers or the like, or the castings thereof, and the products. 2,848,793, 8-26-58, Cl. 29—155.5.
- Pitzer, Edgar C., to United States of America, Atomic Energy Commission. Electrolytic dissolution of stainless steel. 2,865,832, 12-23-58, Cl. 204—222.
- Pitzer, Emory W., to Phillips Petroleum Co. Method of improving fluid properties of finely divided materials. 2,847,710, 8-19-58, Cl. 18—55.

- Pitzer, Emory W., to Phillips Petroleum Co. Catalyst and dehydrogenation process. 2,866,790, 12-30-58, Cl. 260-290.
- Pitzer, Emory W., to Phillips Petroleum Co. Catalyst and dehydrogenation process. 2,866,791, 12-30-58, Cl. 260-290.
- Pivetz, Albert W., to C. Miller. Fire alarm and call device. 2,832,949, 4-29-58, Cl. 340-227.
- Piwinski, Walter. *See*—
- Selbmann, Rudolf W., Tucci, and Piwinski. 2,835,818.
- Pizzarello, Roy A., and A. F. Schneid, to Interchemical Corp. Orange pigment. 2,848,461, 8-19-58, Cl. 260-368.
- Pizzey, Cyril F. *See*—
- Roulston, Kenneth I., and Pizzey. 2,820,903.
- Plaas, George E. Weighing scale. 2,832,582, 4-29-58, Cl. 265-54.
- Place, Andrew S. Window structure. 2,845,665, 8-5-58, Cl. 20-53.
- Place, Charles I. Turbo-mechanical transmission. 2,834,288, 5-13-58, Cl. 74-688.
- Place, Mark I. *See*—
- Rasmussen, Arne P., and Place. 2,824,712.
- Place, Mark I., to Westinghouse Electric Corp. Hydraulic servo-valve. 2,824,574, 2-25-58, Cl. 137-623.
- Place, Reed, and C. B. Kramer, Sr., to Liberty Coach Co., Inc. Two-story trailer construction. 2,862,253, 12-2-58, Cl. 20-2.
- Placette, Theodore. General purpose flow valve with alternative fluid pressure or manual control. 2,830,784, 4-15-58, Cl. 251-14.
- Plagge, Vernon L. *See*—
- Collins, Robert E., and Plagge. 2,840,490.
- Plainol, René. Method and apparatus for continuously melting solid particles of material. 2,850,372, 9-2-58, Cl. 75-26.
- Plaisance, Stanley F., to Joseph Pollak Corp. Relay switches. 2,847,621, 8-12-58, Cl. 317-198.
- Plaisier, Paulus J. *See*—
- Fiseler, Arnoldus G. 2,850,867.
- Planas, Juan A. Containers for cigarettes. 2,833,455, 5-6-58, Cl. 229-20.
- Planck, Charles E. Exercising equipment. 2,859,967, 11-11-58, Cl. 272-1.
- Planer, George V., and R. W. Windebank, to Sprague Electric Co. Film resistor spirallising. 2,838,639, 6-10-58, Cl. 201-63.
- Planes y Sola, Leonel. Device for refrigerating beverage containers. 2,838,916, 6-17-58, Cl. 62-77.
- Plank, Charles J., to Socony Mobil Oil Co., Inc. Reactivation of metal-poisoned catalysts. 2,850,462, 9-2-58, Cl. 252-411.
- Plankenhorn, Erwin. *See*—
- Muehlbauer, Fritz, Plankenhorn, and Zell. 2,826,589.
- Muehlbauer, Fritz, Zell, Plankenhorn, and Jutz. 2,846,441.
- Plankenhorn, William J. *See*—
- Bennett, Dwight G., and Plankenhorn. 2,829,062.
- Bennett, Dwight G., and Plankenhorn. 2,846,325.
- Plannair Ltd. *See*—
- Rundle, Eric W. 2,861,738.
- Plano, Philip A., to O. E. Szekely & Associates, Inc. Latched release positive clutch. 2,855,768, 10-14-58, Cl. 64-28.
- Plant, Leland G., deceased; P. L. M. Plant, executrix. Mechanism for vibrating railroad hopper cars. 2,853,199, 9-23-58, Cl. 214-83.3.
- Plant, Leland G., deceased (P. L. M. Plant, executrix), and G. C. Wood. Rotary raking attachment for tractors. 2,853,846, 9-30-58, Cl. 56-377.
- Plant, Pattie L. M. *See*—
- Plant, Leland G. 2,853,199.
- Plant, Leland G., and Wood. 2,853,846.
- Plantation Pipe Line Co. *See*—
- Nottingham, Frank O., Jr. 2,851,882.
- Plante, Thomas W. Sinter treating apparatus and method. 2,832,584, 4-29-58, Cl. 266-21.
- Plante, Wilfred M. *See*—
- Mohn, Bert T., Long, and Plante. 2,819,375.
- Plants, Berdell H., 5% to W. C. Hart. Fingerboard for stringed musical instrument. 2,853,911, 9-30-58, Cl. 84-274.
- Plapper, Jürgen. *See*—
- Heyden, Rudi, Dieckelmann, and Plapper. 2,822,235.
- Plastabox Corp., The. *See*—
- Somaria, José R. 2,862,640.
- Plassa, Carlos and F. Machine for treating mohair staples and the like. 2,856,641, 10-21-58, Cl. 19-115.
- Plassa, Francisco. *See*—
- Plassa, Carlos and F. 2,856,641.
- Plasser, Franz, and J. Theurer. Mobile railway ballast tamping machine with track lifting mechanism. 2,847,943, 8-19-58, Cl. 104-12.
- Plasmeyer, Louis E., to Phillips Mfg. Co. Vapor degreaser. 2,860,088, 11-11-58, Cl. 202-170.
- Plastaras, James C., to Mergenthaler Linotype Co. Film magazine for phototypographical machines. 2,845,012, 7-29-58, Cl. 95-4.5.
- Plastic Binding Corp. *See*—
- Sommer, Isidore, and Braun. 2,840,834.
- Widell, Charles. 2,825,407.
- Widell, Charles. 2,854,679.
- Plastic Products Corp. *See*—
- Murdock, Forrest L., Sr., Boggs, and Beeson. 2,860,082.
- Plasticrest Products, Inc. *See*—
- Soto, Leonard. 2,861,197.
- Plaste-refe Corp. *See*—
- Paolella, Alfred. 2,835,126.
- Plastics Mfg. Inc. *See*—
- Hartung, Richard E., and Harms. 2,860,821.
- Plastimayd Products Corp. *See*—
- Druck, Milton G. 2,842,783.
- Plastomatic Ltd. *See*—
- Tannock, John C. 2,851,243.
- Plate, Dr. G. m. b. H. *See*—
- Thienemann, Heinz, and Plate. 2,822,306.
- Plate, Henry F., Jr. *See*—
- Dixon, Robert W., and Plate. 2,856,543.
- Plater, Clarence R. Fishing rod stand. 2,856,144, 10-14-58, Cl. 218-48.
- Plati, John T., to Hoffmann-La Roche Inc. Process for the preparation of di-(p-anisyl)-iodonium halide. 2,839,583, 6-17-58, Cl. 260-613.
- Plath, Robert, to Boeing Airplane Co. Parachute harness. 2,829,849, 4-8-58, Cl. 244-113.
- Platou, Leiv S., to Niagara Machine & Tool Works. Power press cushion lubricating apparatus. 2,819,061, 1-7-58, Cl. 267-1.
- Platt, Ben E. Poultry gizzard skinner. 2,861,293, 11-25-58, Cl. 17-11.
- Platt, Donald E. *See*—
- Wainer, Eugene, and Platt. 2,848,586.
- Platt, John, to The Singer Mfg. Co. Needle bar jogging mechanisms for sewing machines. 2,853,965, 9-30-58, Cl. 112-158.
- Platt, John D. *See*—
- Platt, Leland H., L. H. Platt, Jr., and J. D. 2,821,055.
- Platt, Leland H., L. H. Platt, Jr., and J. D. 2,840,967.
- Platt, Leland H., L. H. Platt, Jr., and J. D. Fastening of flexible bags in closed condition. 2,821,055, 1-28-58, Cl. 53-176.
- Platt, Leland H., L. H. Platt, Jr., and J. D. Bag closing machine. 2,840,967, 7-1-58, Cl. 53-198.
- Platt, Leland H., Jr. *See*—
- Platt, Leland H., L. H. Platt, Jr., and J. D. 2,821,055.
- Platt, Leland H., L. H. Platt, Jr., and J. D. 2,840,967.
- Platt, Samuel, to United Paper Box Co., Set up box. 2,842,303, 7-8-58, Cl. 229-30.
- Platt, Stephen A. Storage reel for endless ribbon film. 2,833,539, 5-6-58, Cl. 271-218.
- Platt, William C., to Ventura Processors. Process for purifying citrus oils. 2,863,861, 12-9-58, Cl. 260-236.6.
- Platte, William N., to Westinghouse Electric Corp. Arc welding gun. 2,834,870, 5-13-58, Cl. 219-75.
- Platte, William N., to Westinghouse Electric Corp. Weldable sintered molybdenum. 2,839,819, 6-24-58, Cl. 29-182.
- Platz, Elwood T. *See*—
- Frank, William H., and Platz. 2,854,074.
- Frank, William H., Platz, and Messing. 2,835,765.
- Herrmann, John A., and Platz. 2,830,136.
- Herrmann, John A., and Platz. 2,830,137.
- Herrmann, John A., and Platz. 2,830,154.
- Platz, Elwood T., to I-T-E Circuit Breaker Co. Electric switch. 2,829,214, 4-1-58, Cl. 200-67.
- Platz, Elwood T., and J. A. Messing, to Bulldog Electric Products Co. Circuit breaker. 2,824,930, 2-25-58, Cl. 200-116.
- Platz, Elwood T., and R. W. Thomas, to I-T-E Circuit Breaker Co. Circuit breaker trip mechanism. 2,859,300, 11-4-58, Cl. 200-95.
- Platz, Elwood T., W. H. Frank, and J. A. Herrmann, to I-T-E Circuit Breaker Co. Bus duct plugs with cover operated retractable contact fingers. 2,861,139, 11-18-58, Cl. 200-50.
- Platzer, Norbert. *See*—
- Colwell, Robert E., and Platzer. 2,857,341.
- Platzer, Norbert, to Monsanto Chemical Co. Steeping process for the preparation of foamable styrene polymer particles. 2,857,342, 10-21-58, Cl. 260-25.
- Platzer, Norbert, to Monsanto Chemical Co. Novel coated particulate foamable styrene polymer compositions. 2,861,898, 11-25-58, Cl. 117-100.
- Platzke, Emil. Inflatable umbrella. 2,827,909, 3-25-58, Cl. 135-20.
- Paul, Carl O. *See*—
- Cooley, Laurel E., Sr., and L. E. Cooley, Jr., and Paul. 2,825,518.
- Cooley, Laurel E., Sr., L. E. Cooley, Jr., and Paul. 2,832,405.
- Cooley, Laurel E., Sr., L. E. Cooley, Jr., and Paul. 2,838,784.
- Plax Corp. *See*—
- Nielsen, Alvin R. 2,860,801.
- Pinsky, Jules, Adakonis, and Nielsen. 2,830,721.
- Pinsky, Jules, Adakonis, and Nielsen. 2,836,318.
- Pinsky, Jules, Adakonis, and Nielsen. 2,836,319.
- Strauss, Robert G. 2,864,121.
- Pleadwell, Olive B. *See*—
- Pleadwell, William B. 2,830,946.
- Pleadwell, William B., to O. R. Pleadwell. Electroplating apparatus. 2,830,946, 4-15-58, Cl. 204-222.

- Pledger, Huey, Jr.: *See*—
Kundiger, Donald G., Ott, and Pledger. 2,862,015.
Kundiger, Donald G., and Pledger. 2,837,576.
- Pledger, Ray: *See*—
Lee, Theodore, and Pledger. 2,861,857.
- Pledger, Ray, to T. Lee. Pole painting apparatus. 2,851,005, 9-9-58, Cl. 118-307.
- Pleger, Curt. Machine tools with a hydraulic feed arrangement for a rotating spindle supporting the tool. 2,846,903, 8-12-58, Cl. 77-33.5.
- Plenty and Son Ltd.: *See*—
Shoosmith, Guy T. 2,845,867.
- Plesko, Jacob J.: *See*—
Harding, Elmer C., Plesko, and Vranizan. 2,862,295.
- Plesse, Hans, and H. Franke, to Carl Zeiss. Optical arrangement for determining the ratio of two light fluxes. 2,849,912, 9-2-58, Cl. 88-14.
- Plessey Co. Ltd., The: *See*—
Booth, Douglas G. 2,835,323.
De Bell, Ernest A. 2,829,224.
Hall, Richard E., and Jones. 2,859,294.
Herbert, John M. 2,847,588.
Herbert, John M., and Simpson. 2,825,046.
Hilton, John L. 2,842,066.
Page, Victor A. W. 2,863,030.
Quint, Bernard H. J. 2,833,490.
Quint, Bernard H. J. 2,859,314.
Sharp, Leonard W. D., Newman, and Wright. 2,866,860.
Simpson, Anthony W. 2,837,668.
Trowbridge, David R. 2,850,874.
Trowbridge, David R., and Moss. 2,835,470.
- Pletcher, Donald E.: *See*—
Trapp, Walter B., and Pletcher. 2,847,460.
Trapp, Walter B., and Pletcher. 2,859,239.
- Plettner, Lawrence E.: *See*—
Engel, John B., and Plettner. 2,839,345.
- Pleuger, Friedrich W.: *See*—
Pleuger, Friedrich W., and Grober. 2,818,818.
- Pleuger, Friedrich W. Oil well pumping apparatus. 2,825,288, 3-4-58, Cl. 103-158.
- Pleuger, Friedrich W. Diaphragm pump. 2,853,015, 9-23-58, Cl. 103-44.
- Pleuger, Friedrich W. Diaphragm pump. 2,861,518, 11-25-58, Cl. 103-44.
- Pleuger, Friedrich W., and J. C. Grober, to F. W. Pleuger. Pumping equipment. 2,818,818, 1-7-58, Cl. 103-220.
- Plew, Giles A.: *See*—
Jenkins, Robert W., Plew, and Katz. 2,855,372.
- Plexico, Robert S.: *See*—
Kelley, Oliver K., and Plexico. 2,865,227.
- Plice, Gerald W., to James Vibrapowr Co. High frequency vibrator or the like. 2,831,936, 4-22-58, Cl. 200-90.
- Plimpton, John A. Continuous feeder for dual drum type breaker mills. 2,853,244, 9-23-58, Cl. 241-135.
- Pliskin, Daniel G., to Sperry Rand Corp., Ford Instrument Co. Division. Heavy duty connector. 2,843,831, 7-15-58, Cl. 339-89.
- Plöen, Jan, to Christiania Spigerverk. Current equalization device for conductors to the electrodes in alternating current electrofurnaces. 2,853,636, 9-23-58, Cl. 307-147.
- Plöen, Jan, to Christiania Spigerverk. Current equalization device for conductors to the electrodes in alternating current electro-furnaces. 2,857,550, 10-21-58, Cl. 307-147.
- Ploetz, Edwin C., to A. O. Smith Corp. Method of fabricating glass coated metallic articles. 2,842,840, 7-15-58, Cl. 29-458.
- Ploetz, George L., and W. E. Ray, to United States of America, Atomic Energy Commission. Cadmium-rare earth borate glass as reactor control material. 2,859,163, 11-4-58, Cl. 204-193.2.
- Plofker, Eugene K.: *See*—
Josias, Conrad S., and Plofker. 2,824,297.
- Ploger, Gustav. Airplane wing. 2,848,180, 8-19-58, Cl. 244-12.
- Plogstedt, Allen E.: *See*—
Boyle, Homer G., Bradmiller, Parker, and Plogstedt. 2,846,630.
- Ploke, Martin, and M. Keller, to Zeiss Ikon A. G. Radiation sensitive semi-conductive layer of amorphous selenium. 2,862,126, 11-25-58, Cl. 313-66.
- Plomb Tool Co., The: *See*—
Brame, Allen J. 2,830,480.
Coslow, Carl W., Pepperdine, B. and D., and Radcliffe. 2,842,996.
- Plonsky, Seymour, H. Chow, and A. Schneider, to Celanese Corp. of America. Film treatment. 2,844,731, 7-22-58, Cl. 250-49.5.
- Plotnick, Irwin J. Removable dentures. 2,835,034, 5-20-58, Cl. 32-5.
- Plott, Robert F., to United States of America, Atomic Energy Commission. Protectively covered article and method of manufacture. 2,858,262, 10-28-58, Cl. 204-193.2.
- Plouffe, Robert L., Jr.: *See*—
Hughes, Robert W., and Plouffe. 2,829,346.
Hughes, Robert W., Plouffe, and Peretko. 2,829,282.
- Plouffe, Robert L., Jr., to International Telephone and Telegraph Corp. Delay line pulse shaper. 2,820,909, 1-21-58, Cl. 307-106.
- Plouffe, Robert L., Jr., to United States of America, Navy. Radar sweep multiplier. 2,837,737, 6-3-58, Cl. 343-13.
- Plouffe, Robert L., Jr., to United States of America, Army. Multiplex signaling system. 2,852,609, 9-16-58, Cl. 179-15.
- Plouffe, Robert L., Jr., to United States of America, Navy. Time interval multiplier. 2,852,769, 9-16-58, Cl. 343-17.1.
- Plough, Edwin J., and G. H. Steele, to The Ohio Boxboard Co. Carton machine. 2,820,403, 1-21-58, Cl. 93-51.
- Ploughman, Leonard K.: *See*—
Stone, Roy A., and Ploughman. 2,847,240.
- Pluckebaum, Jerome J.: *See*—
Kinney, John W., Jr. 2,845,931.
- Plumat, Emile, to Union des Verrieres Mecaniques Belges Societe Anonyme. Apparatus for the manufacture of glass beads. 2,838,881, 6-17-58, Cl. 49-58.
- Plumb, Fayette R., Inc.: *See*—
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- Plumer, Harold V., to Noble Drilling Corp. Marine drilling rig. 2,863,293, 12-9-58, Cl. 61-46.5.
- Plumley, Glenn V., and W. B. Stevens. Trailer cabana. 2,828,842, 4-1-58, Cl. 189-36.
- Plumley, Glenn V., W. B. Stevens, and A. M. Dudish. Faced honeycomb building material. 2,849,758, 9-2-58, Cl. 20-15.
- Plumley, Harold J.: *See*—
Borcher, Charles A., Anderson, and Plumley. 2,821,138.
- Plumley, Harold J. Magnetic inertia controlled fuze. 2,848,948, 8-26-58, Cl. 102-70.2.
- Plumley, Harold J., R. H. F. Stresau, Jr., and P. L. Godchaux, II. Detonator. 2,842,059, 7-8-58, Cl. 102-70.2.
- Plummer, Charles W.: *See*—
Harmon, Carlyle, and Plummer. 2,820,716.
Hoaglin, Raymond I., Plummer, and Schultze. 2,858,343.
- Plummer, Francis C., Jr.: *See*—
Plummer, Francis C., Sr., and F. C. Plummer, Jr. 2,848,778.
- Plummer, Francis C., Sr., and F. C. Plummer, Jr. Fishing line rewinder. 2,848,778, 8-26-58, Cl. 24-243.
- Plump, Ralph E.: *See*—
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- Curry, John J., and Watson. 2,850,331.
- Plump, Ralph E., and J. W. Carroll, to Pennsalt Chemicals Corp. Composition and process for metal pickling. 2,823,184, 2-11-58, Cl. 252-149.
- Plunkett, Gilman, and N. H. Bergfelt, to Friden Calculating Machine Co., Inc. Constant multiplier mechanism. 2,824,695, 2-25-58, Cl. 235-63.
- Ply-Board Inc.: *See*—
Hurst, Alfred J. 2,849,215.
- Plymouth Industrial Products, Inc.: *See*—
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- Pneumafil Corp.: *See*—
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Furstenberg, Joachim. 2,843,995.
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- Pneumatic Components Ltd.: *See*—
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- Pneumatic Scale Corp. Ltd.: *See*—
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- Hultin, Oscar H. 2,850,222.
- Knobel, Max. 2,846,177.
- McCarthy, Edward J. 2,839,093.
- McCarthy, Edward J., and Whitehead. 2,847,040.
- Tiano, Dominic W. 2,830,415.
- Vergobbi, John G. 2,821,121.
- Pneumatic Tent Co. Ltd., The: *See*—
Peddell, William H. 2,854,988.
- Pneumatics & Caoutchouc Manufacture Kleber Colombes, Societe Anonyme: *See*—
Thibault, Bernard, and Richardin. 2,837,354.
- Pobar, Edmund J., to American Motors Corp. Hand brake cable assembly. 2,845,812, 8-5-58, Cl. 74-501.
- Pocisk, John, to American Spring & Wire Specialty Co. Article holder and method for making same. 2,856,345, 10-14-58, Cl. 204-285.
- Pockman, Lloyd A. Poultry laying cages. 2,863,418, 12-9-58, Cl. 119-18.
- Pocock, Yndall C., to International Standard Electric Corp. Telephone subscriber's instruments. 2,838,612, 6-10-58, Cl. 179-81.
- Podbielniak, Walter J., 1/2 to W. G. Podbielniak. Centrifugal counter-current contacting apparatus. 2,840,301, 6-24-58, Cl. 233-15.
- Podbielniak, Wladzia G.: *See*—
Podbielniak, Walter J. 2,840,301.
- Podell, Jacob J. Garment hanger. 2,842,299, 7-8-58, Cl. 223-96.
- Podell, Odif: *See*—
Kleiber, Joseph P. 2,847,066.
- Podgajny, Thaddeus W., to General Steel Castings Corp. Railway motor truck structure. 2,819,685, 1-14-58, Cl. 105-196.
- Podgajny, Thaddeus W., to General Steel Castings Corp. Highway vehicle carrying car. 2,821,152, 1-28-58, Cl. 105-368.
- Podgorski, Walter F., to P. Ballantine & Sons. Method and apparatus for packaging. 2,864,217, 12-16-58, Cl. 53-123.
- Podnos, Selim S.: *See*—
Piskorski, John, and Podnos. 2,824,518.
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- Podolan, Edward G., to General Motors Corp. Air deflector for vehicle windshield. 2,823,072, 2-11-58, Cl. 296—91.
- Podolsky, Joseph E.: *See—*
- Dierstein, Roy H., and Podolsky. 2,862,045.
- Poehlman, Carl A.: *See—*
- De Pree, David O., and Poehlman. 2,829,931.
- Poehls, Clarence E., to Algoma Foundry & Machine Co. Rotary cutter and shredder. 2,843,991, 7-22-58, Cl. 56—23.
- Poetker, Bernard F.: *See—*
- Dudley, William G., and Poetker. 2,850,640.
- Poetker, Henry R. Collapsible derricks. 2,822,895, 2-11-58, Cl. 189—15.
- Poetter, Clarence F., and J. E. Spohn, to The Firestone Tire & Rubber Co. Extrusion die. 2,848,737, 8-26-58, Cl. 18—8.
- Poettmann, Fred H.: *See—*
- Nisle, Robert G. and Poettmann. 2,838,008.
- Poffenberger, Noland, to The Dow Chemical Co. Freezing apparatus. 2,826,045, 3-11-58, Cl. 62—7.
- Poglioli, Vittorio. Deformable elastic suspension for vehicle. 2,851,282, 9-9-58, Cl. 280—124.
- Pohl, Ernest F., to The Toy Unique, Inc. Toy airplane kite. 2,827,252, 3-18-58, Cl. 244—154.
- Pohl, Robert G.: *See—*
- Paksver, Serge, and Pohl. 2,860,251.
- Pohl, Robert G., to The Rauland Corp. Method of manufacturing crystalline material. 2,835,614, 5-20-58, Cl. 148—15.
- Pohl, Robert G., to The Rauland Corp. Semi-conductor signal translating device. 2,838,434, 6-10-58, Cl. 148—33.
- Pohl, Robert G., to The Rauland Corp. Method of manufacturing semi-conductor crystals. 2,852,420, 9-16-58, Cl. 148—15.
- Pohl, Robert G., to The Rauland Corp. Method of treating semi-conductor articles. 2,861,932, 11-25-58, Cl. 204—141.
- Pohl, Wadsworth E.: *See—*
- Evans, William E., Pohl, Dixon, and Hopf. 2,863,938.
- Pohl, Wadsworth, E., to Technicolor Corp. Reproducing color television. 2,829,194, 4-1-58, Cl. 178—54.
- Pohl, Wilhelm F.: *See—*
- Körner, Theodor, and Pohl. 2,861,499.
- Pohland, Albert, to Eli Lilly and Co. 2-acetoxy-1,2-diphenyl-4-piperidinopentane. 2,837,526, 6-3-58, Cl. 260—294.3.
- Pohland, Albert, to Eli Lilly and Co. 1-benzamido-1-phenyl-3-piperidinopropane and salts thereof. 2,850,498, 9-2-58, Cl. 260—294.
- Pohlemann, Heinz, H. Krzikalla, O. Flieg, and C. Pfaff, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Defoliating composition and method. 2,829,037, 4-1-58, Cl. 71—25.
- Pohlemann, Heinz, H. Schroeder, H. Stummeyer, and H. Adolph, to Badische Anilin- & Soda-Fabrik Akt. Process for the production of O,O-dialkylphosphoric or O,O-dialkylthionophosphoric acid esters of N-alkylol lactams. 2,865,912, 12-23-58, Cl. 260—239.3.
- Pohlman, Salem C., to Buffen Woodworking Co. Louvered door construction or the like. 2,840,870, 7-1-58, Cl. 20—63.
- Poidomani, Catherine, and G. Armenia. Combination cigarette and match case. 2,862,611, 12-2-58, Cl. 206—48.
- Point, Marcel: *See—*
- Felici, Noel, Morel, and Point. 2,860,264.
- Poirette Corsets, Inc.: *See—*
- Laguzzi, Mario. 2,838,051.
- Laguzzi, Mario. 2,860,641.
- Poitras, Edward J. Dispenser with variable rate flow control. 2,822,962, 2-11-58, Cl. 222—481.
- Poitras, Edward J., and C. W. Walter. Automatic vent stopper. 2,851,201, 9-9-58, Cl. 222—481.
- Poitras, Edward J., and J. F. Taplin. Gyro-vertical element. 2,865,207, 12-23-58, Cl. 74—534.
- Pokorny, Frank J., to I-T-E Circuit Breaker Co. Short time delay defector during closing stroke of circuit breaker. 2,849,565, 8-26-58, Cl. 200—98.
- Pokorny, Frank J., and R. G. Shoulberg, to I-T-E Circuit Breaker Co. Protection for circuit breaker in closing against fault conditions. 2,849,566, 8-26-58, Cl. 200—98.
- Pokorny, Fritz, to Siemens-Schuckertwerke A. G. Contact transformer with two parallel contact systems. 2,828,461, 3-25-58, Cl. 321—48.
- Pokorny, John M.: *See—*
- Pokorny, Louis, Jr. 2,832,965.
- Pokorny, John M., and L. Pokorny, Jr., $\frac{1}{2}$ to J. M. Pokorny, $\frac{1}{2}$ to L. Pokorny, Jr., and $\frac{1}{2}$ to L. Pokorny. Adjustable sofa-bed provided with frame locking means. 2,840,830, 7-1-58, Cl. 5—13.
- Pokorny, Louis, Jr.: *See—*
- Pokorny, John M., and L. Pokorny, Jr. 2,840,830.
- Pokorny, Louis, Jr. 2,832,965.
- Pokorny, Louis, Jr., $\frac{1}{2}$ to L. Pokorny, and $\frac{1}{2}$ to J. M. Pokorny. Sofa-bed mechanism having continuous-action linkage system. 2,832,965, 5-6-58, Cl. 5—13.
- Pokras, Harry, to Product Packaging Engineering. Heat-sealing machine. 2,822,030, 2-4-58, Cl. 154—42.
- Pokras, Harry, to Product Packaging Engineering. Packaging machine. 2,863,269, 12-9-58, Cl. 53—180.
- Pola Enterprises, Inc.: *See—*
- Palumbo, Anthony. 2,854,937.
- Polachek, Frank B. and B. L. Polkosnik. Bow tie clip. 2,820,271, 1-21-58, Cl. 24—81.
- Polachek, Frank B., and B. L. Polkosnik, said Polkosnik assy. to said Polachek. Bow tie clip. 2,832,076, 4-29-58, Cl. 2—154.
- Polack, Joseph A., to Esso Research and Engineering Co. Preparation of reforming catalysts. 2,822,336, 2-4-57, Cl. 252—465.
- Polack, Joseph A., L. E. Swabb, Jr., and G. A. Danner, Jr., to Esso Research and Engineering Co. Fluidized solids process for the hydroforming of naphthas. 2,864,764, 12-16-58, Cl. 208—149.
- Polack, Juan R., $\frac{1}{2}$ to L. Landerer. Lighter for blind persons. 2,818,715, 1-7-58, Cl. 67—71.
- Polak, Ernest H.: *See—*
- Benz, George, and Polak. 2,851,501.
- Polak, Jose, to Polaquimia, Sociedad Anonima de Capital Variable (S. A. ste C. V.). Synergistic fungicidal mixtures of chloro phenols and pyrones for preserving vegetable fibers. 2,849,360, 8-26-58, Cl. 167—385.
- Polak, N. V., & Schwarz's Essencfabrieken: *See—*
- Beets, Mius G. J., and Meerburg. 2,820,805.
- Polak's Frutal Works, Inc.: *See—*
- Benz, George, and Polak. 2,851,501.
- Pola-Lux Gesellschaft fur Blendschutz und Raumbildprojektion mit beschrankter Haftung: *See—*
- Wiemer, Kurt, and P. E. 2,821,114.
- Polanco, Albert, Jr.: *See—*
- Grindoff, Sol, McCollum, and Polanco. 2,853,241.
- Polanin, Walter R., to American Steel Foundries. Rotor brake mounting. 2,834,439, 5-13-58, Cl. 188—206.
- Polanin, Walter R., to American Steel Foundries. Railway brake. 2,844,222, 7-22-58, Cl. 188—46.
- Polanin, Walter R., to American Steel Foundries. Clasp brake arrangement. 2,852,102, 9-16-58, Cl. 188—56.
- Polanin, Walter R., and J. A. Buvelot, to American Steel Foundries. Railway brake. 2,840,190, 6-24-58, Cl. 188—33.
- Polansky, Raymond, and W. F. Herbes, to American Cyanamid Co. Sulfonated urea-thiourea formaldehyde resins. 2,854,437, 9-30-58, Cl. 260—70.
- Polansky, Raymond, and W. F. Herbes, to American Cyanamid Co. Thiourea and urea-formaldehyde mixed resins. 2,859,206, 11-4-58, Cl. 260—70.
- Polanyi, Michael L., R. S. Robins, J. E. Johnston, and M. G. Brown, to American Optical Co. Counting device. 2,850,239, 9-2-58, Cl. 235—92.
- Polaquimia, Sociedad Anonima de Capital Variable (S. A. ste C. V.): *See—*
- Polak, Jose. 2,849,360.
- Polarad Electronics Corp.: *See—*
- Jaffe, David L. 2,830,529.
- Rympalski, William. 2,857,610.
- Skwarek, Frank J. 2,824,466.
- Polard, Jean, to Societe Anonyme dite: Compagnie Electro-Mecanique. Inserting head for stator coil inserting machines. 2,829,428, 4-8-58, Cl. 29—205.
- Polard, Jean, and R. Herbrecht, to Societe Anonyme dite: Compagnie Electro-Mecanique. Method of fitting closing channels in stator slots of electrical machines. 2,819,514, 1-14-58, Cl. 29—155.58.
- Polarek, Richard G., and J. R. Lyon, to Atlas-Boxmakers, Inc. Containers with pouring outlets. 2,819,831, 1-14-58, Cl. 229—17.
- Polaroid Corp.: *See—*
- Bing Herbert A. 2,837,853.
- Bing, Herbert A., and Bishop. 2,845,850.
- Bing, Herbert A., Eloranta, Grey, and Maershofer. 2,866,380.
- Bing, Herbert A., and Lothrop. 2,837,854.
- Bishop, Donald R. 2,835,177.
- Bishop, Donald R. 2,854,904.
- Blout, Elkan R., Cohen, Corley, and Simon. 2,852,573.
- Blout, Elkan R., Cohen, and Green. 2,843,481.
- Booth, Joseph H. 2,834,271.
- Casselman, Robert C. 2,837,852.
- Eloranta, Vaito K. 2,854,908.
- Erichman, Irving. 2,834,272.
- Fairbank, Murry N. 2,823,317.
- Fairbank, Murry N. 2,835,179.
- Grey, David S. 2,837,967.
- Haas Howard C., and Cohen. 2,835,653.
- Jones, Robert C. 2,843,005.
- Jones, Robert C., and Shurcliff. 2,854,883.
- Land, Edwin H. 2,819,662.
- Land, Edwin H. 2,823,122.
- Land, Edwin H. 2,833,192.
- Land, Edwin H. 2,834,269.
- Land, Edwin H. 2,835,176.
- Land, Edwin H. 2,837,987.
- Land, Edwin H. 2,846,309.
- Land, Edwin H. 2,852,691.
- Land, Edwin H. 2,854,905.
- Land, Edwin H. 2,855,298.
- Land, Edwin H. 2,855,302.
- Land, Edwin H. 2,861,885.
- Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,274.
- Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,275.
- Land, Edwin H., Blout, and Haas. 2,830,900.
- Land, Edwin H., Cohen, and Tracy. 2,857,276.
- Land, Edwin H., and Eloranta. 2,854,903.
- Land, Edwin H., and Morse. 2,866,705.

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 Morse, Meroe M. 2,852,372.
 Pierce, Norton T. 2,835,167.
 Rogers, Howard G. 2,855,299.
 Ryan, William H. 2,854,697.
 Shurcliff, William A. 2,827,823.
 Wolff, Otto E. 2,830,901.
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- Polatsek, John. Power operated convertible davenport. 2,849,730, 9-2-58, Cl. 5-45.
- Polglase, Burton C., Jr.: *See*—
 Harless, Charles A., and Polglase. 2,818,805.
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- Polgov, Nicholas.: *See*—
 Killian, Stanley C., and Polgov. 2,835,723.
- Polhemus, John K.: *See*—
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- Polhemus, John K., to General Aniline & Film Corp. Film transporting device for photographic cameras. 2,830,776, 4-15-58, Cl. 242-71.3.
- Polhemus, John K., to General Aniline & Film Corp. Viewing hood and cover for photographic camera. 2,843,031, 7-15-58, Cl. 95-47.
- Polhemus, John K., to General Aniline & Film Corp. Double exposure prevention device for photographic camera. 2,847,920, 8-19-58, Cl. 95-31.
- Polhemus, Von D.: *See*—
 Chayne, Charles A., and Polhemus. 2,865,651.
- Polhemus, Von D., to General Motors Corp. Dynamic vibration damper. 2,833,552, 5-6-58, Cl. 280-124.
- Polhemus, Von D., and M. Ruegg, to General Motors Corp. Vehicle torsion spring suspension. 2,845,279, 7-29-58, Cl. 280-96.2.
- Poli, Glauce E. Rolling eye for dolls. 2,831,292, 4-22-58, Cl. 46-168.
- Policansky, Hyman, to Industrial Machinery Co. Ltd. Method for the production of filter-tip cigarettes. 2,830,594, 4-15-58, Cl. 131-61.
- Pollard, Edward C., to Optical Gaging Products, Inc. Engraving machine. 2,859,523, 11-11-58, Cl. 33-26.
- Polin Enterprises, Inc.: *See*—
 Polin, Paul W. 2,839,274.
- Polin, Herbert S. Devices for dosage control. 2,846,057, 8-5-58, Cl. 206-5.
- Polin, Paul W., to Polin Enterprises, Inc. Air conditioning system for automobiles. 2,839,274, 6-17-58, Cl. 257-3.
- Polling, Kenneth W.: *See*—
 Shelby, Donald E. 2,846,078.
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- Polis, Samuel, and D. Nicoletti, to the United States of America as represented by the Secretary of the Navy. Electrically heated eyepiece and process of manufacture. 2,827,538, 3-18-58, Cl. 219-19.
- Polite, Roosevelt I. Basketball game apparatus. 2,838,308, 6-10-58 Cl. 273-15.
- Politi, John E.: *See*—
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- Politzer, Alfred. Method of producing artificial sponges. 2,842,799, 7-15-58, Cl. 18-48.
- Polivka, Emil P., to Rockwell Mfg. Co. Locking device for handwheel assembly. 2,861,536, 11-25-58, Cl. 116-124.
- Polivka, John N., and E. G. Franklin, to General Mills, Inc. Fluid system for toasters and the like. 2,846,940, 8-12-58, Cl. 99-329.
- Polivka, Rudolph J., to Western Electric Co., Inc. Template centering jig. 2,825,143, 3-4-58, Cl. 33-185.
- Polizzi, Anthony C. Coffee filtering retainers. 2,859,684, 11-11-58, Cl. 99-310.
- Polk, Walter B., to Phillips Petroleum Co. Apparatus for recovering gases from flare lines. 2,844,160, 7-22-58, Cl. 137-115.
- Polk, Walter B., to Phillips Petroleum Co. Treatment of hydrocarbon conversion catalysts. 2,848,521, 8-19-58, Cl. 260-680.
- Polk, William E. Electro mechanical bird device. 2,846,798, 8-12-58, Cl. 40-106.33.
- Polk, William E. Flapping wing toy. 2,846,811, 8-12-58, Cl. 46-124.
- Polki, Samuel, to C. Liljegren. Fishing lure. 2,854,778, 10-7-58, Cl. 43-35.
- Polkosnik, Bernard L.: *See*—
 Polachek, Frank B., and Polkosnik. 2,820,271.
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- Pollack, Maxwell A. Process for preparing alpha-chloroacrylic compounds. 2,862,960, 12-2-58, Cl. 260-486.
- Pollak, Joseph, Corp.: *See*—
 Plaisance, Stanley F. 2,847,621.
- Pollak, Richard J., to United States of America, Air Force. Self energized stabilizing control. 2,850,977, 9-9-58, Cl. 102-50.
- Pollak, Robert. Integral molded pulp sole and heel. 2,826,831, 3-18-58, Cl. 36-25.
- Pollan, David, to Viewlex, Inc. Slide carrier. 2,835,166, 5-20-58, Cl. 88-28.
- Pollan, David, to Viewlex, Inc. Film projector indexing means. 2,861,497, 11-25-58, Cl. 88-28.
- Pollard, Brian W.: *See*—
 Williams, Frederic C., Kilburn, Tootill, Pollard, Thomas, and Edwards. 2,840,304.
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- Pollard, Charles E., Jr., to Bell Telephone Laboratories, Inc. Device for adjusting the relative position of the contacts in a glass enclosed contact switch. 2,855,017, 10-7-58, Cl. 153-39.
- Pollard, Gerald M.: *See*—
 Warren, Claude H., and Pollard. 2,818,903.
- Pollard, Harold J., and J. Rees, to Bristol Aircraft Ltd. Method of molding ribbed structures from thermosetting resin and fibrous material. 2,847,712, 8-19-58, Cl. 18-55.
- Pollard, Harold J., and J. Rees, to Bristol Aircraft Ltd. Injection moulding processes and apparatus therefor. 2,862,239, 12-2-58, Cl. 18-30.
- Pollard, Jack M.: *See*—
 Hirsch, Joseph, and Pollard. 2,828,604.
- Pollard, Leon G., C. R. Deibert, F. T. Turner, and R. H. Snider, to The Western Union Telegraph Co. Facsimile telegraph apparatus for variable blanking and carriage return. 2,824,902, 2-25-58, Cl. 178-7.1.
- Pollard, Leonard A.: *See*—
 Davies, Charles W., and Pollard. 2,820,859.
- Pollard, Marion D., to Lorain Products Corp. Truck boom. 2,840,255, 6-24-58, Cl. 214-513.
- Pollard, Marvin F. Telephone receiver attachment. 2,843,680, 7-15-58, Cl. 179-156.
- Pollard, Willard L. Fluid torque converter gear transmission. 2,850,918, 9-9-58, Cl. 74-645.
- Pollari, Howard M., to McCulloch Corp. Speed control for outboard motors. 2,858,819, 11-4-58, Cl. 123-99.
- Pollet, André G.: *See*—
 Guimbretiere, Louis F., Pollet, and Sorez. 2,825,937.
- Polley, Herman M., to American Optical Co. Cutting machine. 2,818,651, 1-7-58, Cl. 33-25.
- Polleys, Owen F., to Chance Vought Aircraft Inc. Aircraft ejection seat apparatus. 2,853,258, 9-23-58, Cl. 244-122.
- Pollinger, William S.: *See*—
 Tunstall, Cuthbert M., Wright, Pollinger, and Blackwell. 2,830,357.
- Pollitzer, Ernest L.: *See*—
 Bloch, Herman S., and Pollitzer. 2,850,461.
- Pollitzer, Ernest L., to Universal Oil Products Co. Surface active agents derived from aromatic aldehyde intermediates. 2,824,891, 2-25-58, Cl. 260-505.
- Pollmann, Max, to Kurt Körber & Co. K. G. Device for introducing rod-shaped objects into open boxes. 2,826,883, 3-18-58, Cl. 53-236.
- Pollmann, Max, to Kurt Körber & Co., K-G. Adjusting device for sharpener for tobacco cutter. 2,830,634, 4-15-58, Cl. 146-117.
- Pollmann, Max, to Kurt Körber & Co. K. G. Removable drum type tobacco cutting machine with fixed grinding machine. 2,835,299, 5-20-58, Cl. 146-119.
- Pollmann, Max, to Kurt Körber & Co., K-G. Machines for making recessed mouthpieces for filter cigarettes. 2,843,132, 7-15-58, Cl. 131-94.
- Pollmann, Max, to Kurt Körber & Co. K-G. Machines for making filter tip cigarettes. 2,858,046, 10-28-58, Cl. 221-93.
- Pollock, Andre W., to Sun Oil Co. Separation of aromatic from saturate hydrocarbons. 2,856,444, 10-14-58, Cl. 260-674.
- Pollock, Gordon J., to The E. F. Hauserman Co. Glazing assembly. 2,831,553, 4-22-58, Cl. 189-77.
- Pollock, Lou, and H. C. Wald, to The Davies-Young Soap Co. Apparatus for mixing fluids. Re. 24,501.
- Pollock, Lyle W.: *See*—
 Wood, James Q., and Pollock. 2,832,363.
- Pollock, Lyle W., to Phillips Petroleum Co. High heat capacity cooling medium. 2,846,421, 8-5-58, Cl. 260-82.3.
- Pollock Paper Corp.: *See*—
 Jensen, Thormod. 2,826,882.
- Pollock, William E., to Librascope, Inc. Method of making transducer cores. 2,836,881, 6-3-58, Cl. 29-155.5.
- Polmanteer, Keith E., and R. J. Koch, to Dow Corning Corp. Vinyl containing silicone elastomers comprising sulfur compounds as curing agents. 2,842,520, 7-8-58, Cl. 260-46.5.
- Polonski, John B., to Borg-Warner Corp. Transmission controls. 2,845,817, 8-5-58, Cl. 74-645.
- Polonsky, Joseph, and G. Melchior, to Compagnie Generale de Telegraphie Sans Fil. Devices for restoring means shading in television transmitters. 2,851,520, 9-9-58, Cl. 178-7.1.
- Polsen, Samuel D., and S. H. Nelson. Liquid and cup dispensing apparatus. 2,830,627, 4-15-58, Cl. 141-174.
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- Polsen, Samuel D., and S. H. Nelson. Dispensing apparatus. 2,835,284, 5-20-58, Cl. 141-174.
- Polster, William E., to General Electric Co. Electric discharge device structure. 2,863,081, 12-2-58, Cl. 313-238.
- Polston, Bill T. Emergency brake lock. 2,846,864, 8-12-58, Cl. 70-181.
- Poly Choke Co., Inc., The: *See*—
 Grahn, Arne Y. 2,864,194.
 Steane, Herbert W. 2,828,569.
- Polychrome Corp.: *See*—
 Gumbinner, Robert. 2,860,438.

- Polyfab Co.: *See*—
Lingenfelter, Daniel J. 2,837,208.
- Polygram Casting Co., Ltd.: *See*—
Jenkins, Gwynville. 2,834,074.
Taylor, George W. 2,855,642.
Taylor, George W., Worthington, and Sargeant. 2,844,833.
- Polymer Corp., The: *See*—
Koch, Robert B. 2,820,252.
Koch, Robert B. 2,858,590.
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Stott, Louis L. 2,849,415.
Stott, Louis L. 2,855,377.
Stott, Louis L., and Hervey. 2,852,485.
- Polymer Corp Ltd.: *See*—
Buckler, Ernest J., and Edwards. 2,865,901.
Eastham, Arthur M. 2,843,571.
McKenzie, Charles A., and Killey. 2,834,762.
Moloney, John S. 2,841,347.
Orr, Robert J., and Williams. 2,834,760.
Pfisterer, Heinz A., and Hay. 2,833,731.
- Polymer Processes, Inc.: *See*—
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- Polysius Gesellschaft mit beschränkter Haftung: *See*—
Barrett, William R. 2,832,645.
- Polytechnic Institute of Brooklyn: *See*—
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Smith, Edward J., and Antin. 2,827,575.
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- Polytechnic Research & Development Co., Inc.: *See*—
Gudaitis, Frank. 2,865,007.
- Polzin, Winfred J., to Will Ross, Inc. Identification band. 2,846,796, 8-12-58, Cl. 40—19.
- Pomazal, Jesse W., to Harnischfeger Corp. Regulated potential direct current source. 2,860,299, 11-11-58, Cl. 321—16.
- Pomernacki, Henry, to Illinois Tool Works. Automatic gear checking apparatus. 2,850,806, 9-9-58, Cl. 33—179.5.
- Pomeroy, S. H., Co., Inc.: *See*—
Knebel, Herman C. 2,827,140.
Walsh, William L. 2,843,233.
- Pomeroy, Timothy C. Hydraulic jack. 2,863,285, 12-9-58, Cl. 60—52.
- Pommer, Horst, and W. Arend, to Badische Anilin & Soda-Fabrik Akt. Production of unsaturated oxocarboxylic acid esters. 2,831,884, 4-22-58, Cl. 260—483.
- Pompa, Carlos, to P. D. La Douce. Holder, feeder and dispenser for soluble products. 2,819,556, 1-14-58, Cl. 45—28.
- Pompeo, Louis: *See*—
Napoli, Frederick W., and Pompeo. 2,848,865.
- Pompeo, Louis, and A. Szeglin, to Duchess Jewelry Mfg. Corp. Removable expansion bracelet link. 2,848,864, 8-26-58, Cl. 59—79.
- Pomper, Anthony W., to John Waldron Corp. Reverse roll coating machine with blade support for web. 2,842,092, 7-8-58, Cl. 118—248.
- Pompon, Marcel R. Divan-bed and like convertible furniture. 2,847,684, 8-19-58, Cl. 5—38.
- Ponce, Lucien G., to Libbey-Owens-Ford Glass Co. Rear view mirror. 2,839,964, 6-24-58, Cl. 88—98.
- Ponce, Lucien G., to Libbey-Owens-Ford Glass Co. Rear view mirror assembly. 2,843,017, 7-15-58, Cl. 88—77.
- Poncelet, Arthur J. Recording speedometer. 2,828,179, 3-25-58, Cl. 346—141.
- Pond, Alford L. Eave trough. 2,847,949, 8-19-58, Cl. 108—30.
- Pond, Anthony V.: *See*—
Lambeck, Raymond P., and Pond. 2,843,140.
- Pond, Austin L.: *See*—
Bernard, Louis A., and Pond. 2,851,061.
- Pond, Marvin H., to Olin Mathieson Chemical Corp. Casting apparatus. 2,852,821, 9-23-58, Cl. 22—57.4.
- Pond, Robert B., to Marvaland, Inc. Metallic filaments and method of making same. 2,825,108, 3-4-58, Cl. 22—200.1.
- Ponder, Raymond E., to Fred W. Mears Heel Co., Inc. Machine for trimming wood heel-blanks. 2,864,412, 12-16-58, Cl. 143—49.
- Pönisch, Max. Mixing and refining machine. 2,831,418, 4-22-58, Cl. 99—236.
- Ponsa, Carlos S. Apparatus for preparing infusions. 2,846,939, 8-12-58, Cl. 99—302.
- Ponsar, Yves, to Etablissements Neyrpic. Water distribution canal systems. 2,851,861, 9-16-58, Cl. 61—25.
- Pont, Joseph G., and C. J. Di Gioia, to Chrysler Corp. Windshield wiper. 2,825,920, 3-11-58, Cl. 15—255.
- Pontecorvo, Guido P., and J. A. Roper, to National Research Development Corp. Synthesis of strains of micro-organisms. 2,820,742, 1-21-58, Cl. 195—79.
- Ponten, Jean S. and O. W. Wrapping machine. 2,838,897, 6-17-58, Cl. 53—226.
- Ponten, Olaf W.: *See*—
Ponten, Jean S. and O. W. 2,838,897.
- Pontillo, James V. Collapsible tube cap. 2,851,205, 9-9-58, Cl. 222—557.
- Ponto, Merlyn W., to Minneapolis Sheet Metal Works, Inc. Selective distributing spout for elevator bins and the like. 2,839,171, 6-17-58, Cl. 193—23.
- Pool, Stedman C., to C. J. Bates & Son. Manicure kit and case therefor. 2,830,601, 4-15-58, Cl. 132—79.
- Pool, Stuart D., R. D. Downing, and W. H. Walker, to International Harvester Co. Double knife cutter bar for harvester thresher platforms. 2,827,750, 3-25-58, Cl. 56—158.
- Pool, Stuart D., and M. J. Whitney, to International Harvester Co. Swingable operator's station for implement carrier. 2,833,367, 5-6-58, Cl. 180—77.
- Pool, William, and H. E. B. Young, to British Celanese Ltd. Yarn winding with means to prevent ribbon wind. 2,862,672, 12-2-58, Cl. 242—18.1.
- Poole, Alton B.: *See*—
Clancy, John J., and Poole. 2,830,689.
- Poole, Arthur J., to The Babcock & Wilcox Co. Multiple nozzle gas burner. 2,826,249, 3-11-58, Cl. 158—104.
- Poole, Arthur J., and W. S. Blundin, to The Babcock & Wilcox Co. Multi-fuel burner. 2,823,628, 2-18-58, Cl. 110—28.
- Poole, Harold G. Tow devices between tractive units and vehicles towed thereby. 2,826,433, 3-11-58, Cl. 280—479.
- Poole, Henry G.: *See*—
Nachtmann, John S., and Poole. 2,834,671.
- Poole, John, Jr., to R. K. Chesley. Sliding window sash structure. 2,841,834, 7-8-58, Cl. 20—52.
- Poole, Kenneth M.: *See*—
Cook, John S., Kompfner, and Poole. 2,860,278.
- Poole, Myron C., to Revolvetex Corp. Reversible window construction for mobile homes. 2,820,991, 1-28-58, Cl. 20—40.
- Poole, Richard C., Jr., to W. D. Lynch. Carton for packaging merchandise in multiple. 2,840,232, 6-24-58, Cl. 206—65.
- Poor & Co.: *See*—
Albers, Hamilton M. 2,837,197.
Bauer, Eugene C., Jr. 2,823,080.
Bauer, Eugene C., Jr. 2,823,082.
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Heer, Ralph W., Mundy, and Kuhn. 2,847,917.
Jeremias, Bruno R. 2,859,144.
Jeremias, Bruno R. 2,859,147.
Neely, Forest H. 2,834,553.
- Poor, John G.: *See*—
Aideruccio, Carmelo L., Chessin, Heinrich, Poor, and Smith. 2,853,875.
- Poor, William O., to Sperry Rand Corp. Cathode ray tube indicator system. 2,824,302, 2-18-58, Cl. 343—11.
- Poore, Wallace E., to Westinghouse Air Brake Co. Pulsation dampener device. 2,828,771, 4-1-58, Cl. 138—30.
- Poore, Wallace E., to Westinghouse Air Brake Co. Dampener for pipe lines. 2,854,029, 9-30-58, Cl. 138—30.
- Poos, George I.: *See*—
Arth, Glen E., Poos, and Sarett. 2,842,557.
Arth, Glen E., Poos, and Sarett. 2,864,818.
Arth, Glen E., Poos, and Sarett. 2,864,819.
Lukes, Robert M., and Poos. 2,862,004.
Lukes, Robert M., and Poos. 2,862,005.
Lukes, Robert M., and Poos. 2,862,006.
Sarett, Lewis H., Poos, and Johns. 2,837,516.
- Poos, George I., to Merck & Co., Inc. Intermediates for the synthesis of aldosterone. 2,852,529, 9-16-58, Cl. 260—340.9.
- Pope, Amos H.: *See*—
Osborn, Hans, Horvitz, and Pope. 2,824,791.
- Pope, Harold W., to Sanders Associates, Inc. Gyroscope. 2,839,931, 6-24-58, Cl. 74—5.
- Pope, Kenneth E., to the United States of America as represented by the United States Atomic Energy Commission. Acceleration integrator. 2,819,053, 1-7-58, Cl. 264—1.
- Pope, Kenneth E., to United States of America, Atomic Energy Commission. Accelerometer. 2,861,789, 11-25-58, Cl. 264—1.
- Pope Machinery Corp.: *See*—
Sjostrom, John W. 2,856,619.
- Popeck, Stanley P., and H. Schulze, to General Aniline & Film Corp. 3-a-sulfo acylamino pyrazolone color formers in which the acyl group contains a long aliphatic chain. 2,829,975, 4-8-58, Cl. 96—55.
- Popham, Jack L., to Continental Oil Co. Well working composition. 2,830,948, 4-15-58, Cl. 252—8.5.
- Popham, Jack L., and D. A. Shock, to Continental Oil Co. Process of removing viscous oil from a well bore. 2,819,761, 1-14-58, Cl. 166—39.
- Popkin, Alexander H.: *See*—
Moody, Leonard E., and Popkin. 2,849,398.
- Popovich, Montgomery T., and A. C. Roethlisberger, to Westinghouse Electric Corp. Bus duct. 2,865,980, 12-23-58, Cl. 174—75.
- Popovich, William C., to Corpa, Inc. Hydraulic brake bleeding check valve. 2,865,398, 12-23-58, Cl. 137—539.
- Popowsky, William J., to Minneapolis-Honeywell Regulator Co. Electrical control apparatus. 2,847,625, 8-12-58, Cl. 318—28.
- Poppe, Etienne F., to International Standard Electric Corp. Thermoconductive screening can for electronic tube. 2,829,870, 4-8-58, Cl. 257—263.
- Poppe, George W., to Equitable Paper Bag Co. Inc. Paper bag with locking means through slits. 2,866,591, 12-30-58, Cl. 229—77.
- Popper, Robert H. Adjustable book binder. 2,841,152, 7-1-58, Cl. 129—38.
- Porcelli, William P.: *See*—
Reed, George H., and Porcelli. 2,839,753.
- Porepp, Hans, to Opti-Werk G. m. b. H. Stitch-foot for use in double-needle sewing machines for the manufacture for helical-wire slide fasteners. 2,857,866, 10-28-58, Cl. 112—2.
- Poritz, Nathan. Multi-segment sponge mop. 2,865,036, 12-23-58, Cl. 15—119.

- Portland, Kjeld, to Danfoss ved ingenior Mads Clausen. Thermostatically controlled valve. 2,857,106, 10-21-58, Cl. 236-99.
- Porocel Corp.: See—
Miller, John G., and Weir. 2,841,564.
- Porowski, Thaddeus, to A. E. Staley Mfg. Co. Thick-pasting starch containing urea-formaldehyde and process of making the same. 2,838,465, 6-10-58, Cl. 260-17.3.
- Porret, Daniel: See—
Leumann, Ernst, Porret, Deflorin, and Maeder. 2,830,045.
- Porret, Daniel, to Ciba Ltd. Method of purifying a cuprous salt catalyst in the synthesis of acrylonitrile. 2,839,473, 6-17-58, Cl. 252-411.
- Porro, Emo D., H. J. Eding, and A. G. Wilder, to Manila Mine Development Corp. Process of treating vanadium and molybdenum ores. 2,823,113, 2-11-58, Cl. 75-121.
- Porsche, Erich, to Jottka Metallwarenfabrik Edgar G. Schob. Yarn carrier. 2,859,602, 11-11-58, Cl. 66-126.
- Porsche, Ferdinand, to Dr. Ing. h. e. F., Porsche K.-G. Heat exchanger for internal combustion engines. 2,824,724, 2-25-58, Cl. 257-241.
- Porsche System Engineering Ltd.: See—
Eyb, Wolfgang. 2,838,344.
- Port, William S.: See—
Bistline, Raymond G., Jr., Port, Stirton, and Weil. 2,844,606.
- Jordan, Edmund F., Jr., and Port. 2,843,574.
- Portable Electric Tools, Inc.: See—
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- Portail, Fernand, to Compagnie Industrielle des Piles Electriques Cipel. Alkaline battery cells. 2,840,626, 6-24-58, Cl. 136-102.
- Portas, Eugene P.: See—
Reinhart, Harold C., and Portas. 2,834,408.
- Portasilo Ltd.: See—
Shepherd, Donald W. 2,838,805.
- Porte, Violet M. Ornamental eye piece. 2,862,509, 12-2-58, Cl. 132-53.
- Porteous, Frederick B., and J. A. Foster, to E. W. Bliss Co. Friction drive mechanism. 2,862,589, 12-2-58, Cl. 192-18.
- Porteous, James, to Analite Corp. Lighting fixtures. 2,831,966, 4-22-58, Cl. 240-1.1.
- Porter, Albert N. Accessories for toilet flush tank. 2,838,766, 6-17-58, Cl. 4-57.
- Porter, Allan W. H., to F. N. F. Machinery Mfg. Co. Ltd. Knitting machine. 2,818,713, 1-7-58, Cl. 66-125.
- Porter, Allan W. H., W. C. Arnold, and A. Robertson, to F. N. F. Machinery Mfg. Co. Ltd. Warping machines. 2,822,604, 2-11-58, Cl. 28-36.
- Porter, Bessie R., executrix: See—
Francis, Charles B., and Porter. 2,826,419.
- Porter-Cable Machine Co., The: See—
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- Bruck, John P., and F. W. Mittins. 2,842,170.
- Emmons, Arthur N. 2,839,107.
- Emmons, Arthur N. 2,861,607.
- Hartmann, Eric. 2,830,411.
- Porter, Carroll B., A. L. Labbe, Jr., and K. N. Pike, to American Smelting and Refining Co. Control of the state of the selenium in alkali slags. 2,863,731, 12-9-58, Cl. 23-209.
- Porter, Clarence W.: See—
Anger, Ernest G., Mierendorf, and Porter. 2,848,604.
- Mierendorf, Robert C., and Porter. 2,844,709.
- Porter Co., a division of The Houston Porcelain Enameling Co.: See—
Porter, William V. 2,825,276.
- Porter, David J.: See—
Pianfetti, John A., and Porter. 2,863,924.
- Porter, Donald C., to W. E. Swarthout. Universal joint. 2,854,829, 10-7-58, Cl. 64-7.
- Porter, Ernest C. Airplane toy amusement device for a child. 2,864,613, 12-16-58, Cl. 272-1.
- Porter, Floyd B., Jr.: See—
Anderson, Joseph M., and Porter. 2,842,453.
- Porter, Forrest V., to Dressler Industries Inc. Sidewall sampler. 2,848,194, 8-19-58, Cl. 255-1.4.
- Porter, Forrest V., to Dressler Industries, Inc. Formation sampler. 2,848,195, 8-19-58, Cl. 255-1.4.
- Porter, Frank W., to Productive Equipment Co. Vibrating equipment. 2,847,860, 8-19-58, Cl. 74-87.
- Porter, Frederick W. B., to The British Petroleum Co. Ltd. Production of motor fuel. 2,865,851, 12-23-58, Cl. 208-264.
- Porter, Frederick W. B., and R. P. Northcott, to The British Petroleum Co. Ltd. Catalytic desulphurization of petroleum hydrocarbons with coke oven gas as source of hydrogen. 2,830,938, 4-15-58, Cl. 196-28.
- Porter, Frederick W. B., and R. P. Northcott, to The British Petroleum Co. Ltd. Hydrocatalytic desulphurization of petroleum hydrocarbons. 2,837,465, 6-3-58, Cl. 196-24.
- Porter, Frederick W. B., and E. C. Housam, to The British Petroleum Co. Ltd. Catalytic desulphurization of petroleum hydrocarbons. 2,852,437, 9-16-58, Cl. 196-24.
- Porter, Gilbert E., $\frac{1}{2}$ to D. Frees, $\frac{1}{2}$ to E. L. Schwartz and $\frac{1}{2}$ to B. M. Greenberg. Brake booster. 2,847,828, 8-19-58, Cl. 60-54.5.
- Porter, H. K., Co. (Delaware): See—
Dixon, Robert W., and Plate. 2,856,543.
- Galloway, Frederick M. 2,835,532.
- Galloway, Frederick M. 2,837,120.
- Killian, Stanley C. 2,830,145.
- Killian, Stanley C., and Polgov. 2,835,723.
- Penman, Peter H. 2,833,313.
- Porter, H. K., Co., Inc.: See—
Mageoch, Harry Y. 2,834,131.
- Porter, Harold, Jr., and W. H. Glunz, to Lily-Tulip Cup Corp. Electrically controlled apparatus for printing on moving articles. 2,819,671, 1-14-58, Cl. 101-44.
- Porter, Harry A., Jr.: See—
Norton, Charles E., and Porter. 2,837,797.
- Porter, Henry H., to the United States of America as represented by the Secretary of the Navy. Vehicle for testing control systems at supersonic speeds. 2,824,711, 2-25-58, Cl. 244-14.
- Porter, Henry H., to the United States of America as represented by the Secretary of the Navy. Safety device for contact fuzes. 2,826,146, 3-11-58, Cl. 102-79.
- Porter, Herbert C., to General Motors Corp. Gear assembly. 2,857,777, 10-28-58, Cl. 74-432.
- Porter, John D., Jr. Ceiling kit. 2,820,290, 1-21-58, Cl. 30-136.
- Porter, John L.: See—
Scandrett, Henry F., and Porter. 2,852,343.
- Porter, John L., to Kaiser Aluminum & Chemical Corp. Process and apparatus for treating liquids. 2,822,157, 2-4-58, Cl. 261-124.
- Porter, John L., to Kaiser Aluminum & Chemical Corp. Process for treating aluminous ores. 2,843,456, 7-15-58, Cl. 23-143.
- Porter, Joseph B. Fishpole holder mechanism. 2,843,962, 7-22-58, Cl. 43-15.
- Porter, Ralph B.: See—
Francis, Charles B., and Porter. 2,826,419.
- Porter, Raymond C. Apparatus for reconditioning welded pipe flanges, preparing the ends of pipe for welding to pipe flanges or other lengths of pipe. 2,828,120, 3-25-58, Cl. 266-23.
- Porter, Robert R., to Union of South Africa, Atomic Energy Board. Recovery of uranium from solutions thereof. 2,841,465, 7-1-58, Cl. 23-14.5.
- Porter, Robert R., and E. T. Pinkney, to Union of South Africa, Atomic Energy Board. Carrier electrolytic process for recovery of uranium from solutions thereof. 2,841,538, 7-1-58, Cl. 204-1.5.
- Porter, Walter G. Piercing punch. 2,865,452, 12-23-58, Cl. 164-110.
- Porter, William J., to Parkmaster Systems Inc. Loading platforms for mechanical parking systems. 2,846,088, 8-5-58, Cl. 214-16.1.
- Porter, William V., to Porter Co., a division of The Houston Porcelain Enameling Co. Pipeline vent cap and arrangement. 2,825,276, 3-4-58, Cl. 98-122.
- Porterfield, Cecil P., to Firth Sterling Inc. Method and apparatus for spark machining. 2,838,652, 6-10-58, Cl. 219-69.
- Porterfield, Fred B., and W. B. Jones, to International Business Machines Corp. Interpreting and printing machine. 2,821,908, 2-4-58, Cl. 101-91.
- Porterfield, Robert F. Fire extinguisher for vehicles. 2,841,228, 7-1-58, Cl. 169-2.
- Porteus, John H., and J. A. Anthes, to Dravo Corp. Sintering apparatus. 2,861,792, 11-25-58, Cl. 266-21.
- Porth, Christopher H.: See—
Nielsen, Harry, and Porth. 2,845,861.
- Portland Co., The: See—
Payson, Richard C. 2,845,934.
- Port Morris Machine & Tool Works, Inc.: See—
Erickson, Charles H., and Spellman. 2,855,007.
- Porto Knurling Tools, Inc.: See—
Bennett, Anthony, and Alfreds. 2,825,250.
- Porzondek, Bernard J., to Ford Motor Co. Vehicle seat cushion. 2,842,190, 7-8-58, Cl. 155-184.
- Poschel, Alfred B., to The Meyercoord Co. Photo-engraving apparatus for printing cylinders. 2,833,193, 5-6-58, Cl. 95-77.5.
- Posegate, Russell W.: See—
Rice, Leemon D., and Posegate. 2,842,443.
- Posehan, William A. Barrel lifter attachment for fork lift trucks. 2,826,322, 3-11-58, Cl. 214-620.
- Posey, Alice G. Lamp base. 2,820,886, 1-21-58, Cl. 240-81.
- Posey, Bob, Jr.: See—
Dunn, James L., Jr., and Posey. 2,866,830.
- Posey, John T. Supporting means. 2,851,033, 9-9-58, Cl. 128-134.
- Posey, Lucian A. Boat trailer. 2,830,717, 4-15-58, Cl. 214-84.
- Posey, Milton E. Electrode assembly. 2,824,282, 2-18-58, Cl. 324-65.
- Posey, Milton E., and J. L. Sargent, Jr. Moisture control device for concrete mixers. 2,852,740, 9-16-58, Cl. 324-65.
- Poshkus Algirdas C.: See—
Clark, Lawrence, Grabowski, and Poshkus. 2,849,028.
- Clark, Lawrence, and Poshkus. 2,836,572.
- Clark, Lawrence, and Poshkus. 2,840,534.
- Posin, Melvin: See—
Almquist, Milton L., Jr., Joel, and Posin. 2,853,553.
- Krom, Myron E., and Posin. 2,850,576.
- Krom, Myron E., and Posin. 2,850,577.

- Positive Action Filler Tube Co.: *See*—
Oliver, Leonard P. 2,861,605.
- Poss, Bernard N.: *See*—
Keating, Henry E., Murphy, and Poss. 2,827,960.
- Possati, Mario, L. Giardino, and V. Pacza. Comparator having reed supported, lockable feelers and capacitive response means. 2,836,898, 6-3-58, Cl. 32—147.
- Posselt, Edward J., to Cutler-Hammer, Inc. Dynamic braking control for series wound motors. 2,830,248, 4-8-58, Cl. 318—261.
- Post, Charles R. Obstetrical delivery instrument. 2,842,134, 7-8-58, Cl. 128—361.
- Post, Ernest K., to National Accessories Corp. Detector for dragging equipment on railroads. 2,848,602, 8-19-58, Cl. 246—246.
- Post, Frederick, Co.: *See*—
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- Post, Harry. Collapsible combination table and seats or benches. 2,825,390, 3-4-58, Cl. 155—124.
- Post, Jack C. Barrel rack. 2,818,978, 1-7-58, Cl. 211—49.
- Post, Richard E., to United States of America, Atomic Energy Commission. Ratio computer. 2,860,241, 11-11-58, Cl. 250—27.
- Post, William. Fire-actuated fire extinguisher. 2,822,877, 2-11-58, Cl. 169—28.
- Postal, Robert H., to McGraw-Edison Co. Fire detector cable. 2,848,587, 8-19-58, Cl. 201—63.
- Postel, Kenneth I., and C. J. Hohmann, to Vickers Inc. Power transmission. 2,834,297, 5-13-58, Cl. 103—162.
- Postell, William R., to Lockheed Aircraft Corp. Quick circuit connector. 2,866,958, 12-30-58, Cl. 339—198.
- Posthumus, Harry G., to United States of America, Navy. Ninety-degree phase meter discriminators. 2,862,182, 11-25-58, Cl. 324—87.
- Posthumus, Klaas, to North American Philips Co., Inc. Circuit-arrangement for decoding pulse code modulation according to a P-cyclo code. 2,835,805, 5-20-58, Cl. 250—27.
- Postlewaite, William R., to California Research Corp. Filling device for radioactive tracer injector. 2,843,163, 7-15-58, Cl. 141—366.
- Postmus, John G. Water mixing unit. 2,828,766, 4-1-58, Cl. 137—574.
- Potash, Norman. Filling and sealing device. 2,845,203, 7-29-58, Cl. 222—394.
- Potchen, Joseph A.: *See*—
Meier, George D., Kloote, and Potchen. 2,826,240.
- Potchen, Joseph A., G. E. Kloote, and G. D. Meier, to Haskelite Mfg. Corp. Laminated panel and process for producing same. 2,866,730, 12-30-58, Cl. 154—100.
- Potdevin, Adolph, and R. P. Bechle, to Potdevin Machine Co. Bags. 2,837,267, 6-3-58, Cl. 229—53.
- Potdevin, Adolph, and R. P. Bechle, to Potdevin Machine Co. Bags. 2,837,268, 6-3-58, Cl. 229—54.
- Potdevin Machine Co.: *See*—
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- Potdevin, Adolph, and Bechle. 2,837,267.
- Potdevin, Adolph, and Bechle. 2,837,268.
- Potez, Henry C. A. Head supported binoculars. 2,849,924, 8-26-58, Cl. 88—36.
- Poth, Clarence G. Checker construction for open hearth furnaces. 2,839,286, 6-17-58, Cl. 263—51.
- Pothier, Arthur C. Vise rod mounting a fixed jaw and an adjustably fulcrumed pivotable jaw. 2,823,567, 2-18-58, Cl. 81—23.
- Potosky, Maurice: *See*—
Hansburg, Milton, and Potosky. 2,850,689.
- Potratz, Herbert A., to United States of America, Atomic Energy Commission. Process for the recovery of plutonium. 2,864,841, 12-16-58, Cl. 260—429.1.
- Potteiger, Warren H., to Lyons Knitwear Inc. T shirt sleeve construction. 2,820,224, 1-21-58, Cl. 2—113.
- Potter, David M.: *See*—
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- Potter, Edwin B. Portable crop saver. 2,836,932, 6-3-58, Cl. 47—2.
- Potter, Edwin F.: *See*—
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- Potter, Frederick M., to Bendix Aviation Corp. Dynamo-electric machine. 2,846,600, 8-5-58, Cl. 310—61.
- Potter, Horace R., to Standard Electronics Corp. Piezoelectric crystal support. 2,830,203, 4-8-58, Cl. 310—9.1.
- Potter, Howard L., to E. I. du Pont de Nemours and Co. Hydrogen peroxide bleaching of cotton fabric. 2,858,183, 10-28-58, Cl. 8—111.
- Potter, Howell L., to The Fafnir Bearing Co. Method of making a ball bearing. 2,823,449, 2-18-58, Cl. 29—148.4.
- Potter, Jack C. Grinding wheel dresser. 2,848,989, 8-26-58, Cl. 125—11.
- Potter, James A., to International Business Machines Corp. Electrical air gap gage. 2,851,569, 9-9-58, Cl. 201—50.
- Potter, James W. Method of installing fixture hangers on a ceiling structure. 2,838,832, 6-17-58, Cl. 29—428.
- Potter, John H. Ship salvaging apparatus. 2,844,116, 7-22-58, Cl. 114—50.
- Potter, John J., to Hayden-Nilos Ltd. Machines for securing hooked belt-fasteners. 2,864,085, 12-16-58, Cl. 1—49.4.
- Potter, John J., to Hayden-Nilos Ltd. Machines for securing hooked belt-fasteners. 2,866,200, 12-30-58, Cl. 1—49.4.
- Potter, John T.: *See*—
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- Potter, John T. Access mechanism. 2,862,389, 12-2-58, Cl. 74—1.
- Potter, Marion G., to Westinghouse Electric Corp. Submersible motor. 2,845,551, 7-29-58, Cl. 310—87.
- Potter, Nathaniel D., to The Black & Decker Mfg. Co. Portable electric router. 2,859,963, 10-14-58, Cl. 141—134.
- Potter, Norman M.: *See*—
Marsal, Paul A., and Potter. 2,864,009.
- Potter, Peter B., and F. Groff, to Union Carbide Corp. Process of preparing wax modified polystyrene compositions. 2,830,962, 4-15-58, Cl. 260—28.5.
- Potter Pharmaceutical Corp.: *See*—
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- Potter, Ralph K., to Bell Telephone Laboratories, Inc. Electric printer for magnetic codes. 2,863,712, 12-9-58, Cl. 346—74.
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- Potter, Stanley E.: *See*—
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- Potter, Walter A. Canned oil pump. 2,823,832, 2-18-58, Cl. 222—82.
- Potter, Wilfred C.: *See*—
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- Pottern, Alvin R., to Milton Bradley Co. Holding mechanism. 2,833,081, 5-6-58, Cl. 45—131.
- Pottle, Christopher: *See*—
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- Pottle, Ralph K., to American Can Co. Container with plastic nozzle and method of attaching nozzle. 2,819,001, 1-7-58, Cl. 222—566.
- Pottle, Ralph K., to American Can Co. Dispensing nozzle with non-drip collar. 2,839,230, 6-17-58, Cl. 222—571.
- Pottle, Ralph K., to American Can Co. Strip holding and releasing device. 2,849,098, 8-26-58, Cl. 198—32.
- Pottle, Ralph K., and O. F. Ecklund, to American Can Co. Display package and method of producing same. 2,864,710, 12-16-58, Cl. 99—171.
- Pottmeyer, Edward W., to Blaw-Knox Co. Loading bucket hoist. 2,823,819, 2-18-58, Cl. 214—700.
- Pottmeyer, Edward W., to Blaw-Knox Co. Metallic skew-back beam. 2,840,046, 6-24-58, Cl. 122—6.
- Pottmeyer, Edward W., to Blaw-Knox Co. Method of constructing stayed spaced wall members. 2,851,771, 9-16-58, Cl. 29—471.1.
- Pottmeyer, Edward W., to Blaw-Knox Co. Granular material handling equipment. 2,856,084, 10-14-58, Cl. 214—18.
- Pottol, Charles E. and R. F. Power weeder. 2,859,676, 11-11-58, Cl. 97—44.
- Pottol, Robert F.: *See*—
Pottol, Charles E. and R. F. 2,859,676.
- Pottorf, Ian D., to United States Steel Corp. Self-dumping bucket. 2,823,061, 2-11-58, Cl. 294—73.
- Potts, Claude R., and C. D. Welschenbach, to West Virginia Pulp and Paper Co. Display stand. 2,825,519, 3-4-58, Cl. 248—174.
- Potts, James E.: *See*—
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- Potts, John S., to Potts Lumber Co. Slab barker. 2,831,515, 4-22-58, Cl. 144—208.
- Potts, Lindley W.: *See*—
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- Potts Lumber Co.: *See*—
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- Potts, Mack F.: *See*—
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- Potvin, Leo W. Molding. 2,825,942, 3-11-58, Cl. 20—74.
- Potvin, Richard J. Blank for a moccasin shoe. 2,859,543, 11-11-58, Cl. 36—48.
- Potzl, Karl, to Gesellschaft für Linde's Eismaschinen Aktien-gesellschaft. Electric arc welding process. 2,827,409, 3-18-58, Cl. 148—26.
- Poudrieres Reunies de Belgique: *See*—
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- Poudrieres Reunies de Belgique S. A.: *See*—
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- Diels, Albert. 2,863,391.
- Pouell, Harry E. Die casting apparatus. 2,821,756, 2-4-58, Cl. 22—58.
- Pough, John A. Rotary disposable cigarette box. 2,818,970, 1-7-58, Cl. 206—41.2.
- Poullart, Willy H. P., and L. J. G. Nys, to International Standard Electric Corp. Pneumatic tape drive. 2,852,253, 9-16-58, Cl. 271—2.3.
- Poulin, Raymond J., 1/2 to E. H. Rose. Film-slide mounting devices. 2,824,397, 2-25-58, Cl. 40—152.
- Poulot-Intzopoulos, Georges: *See*—
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- Poulsen, Ralph E. Combination window and screen. 2,825,400, 3-4-58, Cl. 160—30.
- Poulter, Howard C., to Research Corp. Slow-wave guide for traveling wave tubes. 2,822,501, 2-4-58, Cl. 315—3.5.
- Poulter, John W., P. A. Huffaker, and F. D. Graham, to Koehring Co. Power control mechanism for power clutches. 2,864,475, 12-16-58, Cl. 192—36.
- Poulton, Roy E., to The Garrard Engineering and Mfg. Co., Ltd. Piezo-electric pick-ups. 2,848,558, 8-19-58, Cl. 179—100.41.
- Pound, Richard T., and L. L. Green, to Robertshaw-Fulton Controls Co. Control device. 2,847,539, 8-12-58, Cl. 200—129.

- Poundstone, William N., to Pittsburgh Consolidation Coal Co. Continuous mining machine with roof contacting means. 2,827,274, 3-18-58, Cl. 262-7.
- Poupitch, Ougljesa J., to Illinois Tool Works. Pull type sheet metal fastener. 2,850,936, 9-9-58, Cl. 85-37.
- Poupitch, Ougljesa J., to Illinois Tool Works. Locked bolt and shear resisting grommet means. 2,853,112, 9-23-58, Cl. 151-9.
- Poupitch, Ougljesa J., to Illinois Tool Works. Slip on nut with bendable attaching head. 2,862,537, 12-2-58, Cl. 151-41.72.
- Pouppirt, Walter C., Jr., to Phillips Petroleum Co. Fluid analyzer. 2,860,250, 11-11-58, Cl. 250-43.5.
- Pourciau, Louis L.: *See—*
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- Poutre, Paul A.: *See—*
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- Pouzols, Bernard, to North American Philips Co., Inc. Gain control for wireless receiver. 2,823,309, 2-11-58, Cl. 250-27.
- Pouzoulet, André A. E., to Société d'Etude et d'Exploitation Chimie et Mécanique, E. C. E. M. Peeling machine. 2,831,517, 4-22-58, Cl. 146-49.
- Povel, Walter, to "Für Ihr Kind" L. u. M. Povel. Safety blanket for children. 2,853,068, 9-23-58, Cl. 128-134.
- Powdermatic Corp.: *See—*
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- Powell, Alan J. Presses for the extraction of oils, fats and the like. 2,830,530, 4-15-58, Cl. 100-98.
- Powell, Albert E., to Byford Labs, Inc. Magnetostrictive pulse-time modulation. 2,863,120, 12-2-58, 332-9.
- Powell, Albert E., to Byford Labs, Inc. Magnetostrictive pulse-time modulator. 2,863,121, 12-2-58, Cl. 332-9.
- Powell, Benjamin S., Jr.: *See—*
Hewitt, Woodrow W., Powell, and White. 2,840,861.
- Powell, Burnet J., to The Bingham-Ferbrand Corp. Parking brake assembly. 2,851,900, 9-16-58, Cl. 74-542.
- Powell, Charles L. Vehicle wheel suspension means. 2,866,651, 12-30-58, Cl. 280-96.2.
- Powell, David E., to General Electric Co. Circuit breaker. 2,863,022, 12-2-58, Cl. 200-116.
- Powell, Edward R., to Johns-Manville Corp. Apparatus for melting and fibering refractory materials. 2,823,416, 2-18-58, Cl. 18-2.6.
- Powell, Edward W.: *See—*
Allen, Arthur L., Anderson, and Powell. 2,859,156.
- Powell, George C.: *See—*
Routledge, James H. 2,840,105.
- Powell, Gordon F. W.: *See—*
Molins, Desmond W., and Powell. 2,861,190.
- Powell, Gordon F. W., to Molins Machine Co. Ltd. Machines for manipulating cut tobacco. 2,832,352, 4-29-58, Cl. 131-21.
- Powell, Harry R.: *See—*
Taylor, Humphrey G., and Wolverson. 2,831,204.
- Powell, James O.: *See—*
Missel, Leo, and Powell. 2,825,682.
- Powell, John: *See—*
Luks, Daniel W., and Powell. 2,857,664.
- Powell, John E., Jr.: *See—*
Smith, Oreal R., and Powell. 2,849,332.
- Powell, Paul R., to United States of America, Navy. Hold-back and release unit. 2,845,677, 8-5-58, Cl. 24-201.
- Powell Pressed Steel Co., The: *See—*
Johnson, Richard C. 2,865,535.
- Powell, Richard O., to Owens-Illinois Glass Co. Venting closure caps. 2,866,570, 12-30-58, Cl. 215-56.
- Powell River Co. Ltd.: *See—*
Walker, Charles W. E., and Julson. 2,847,634.
- Powell, Robert A., to Sealor Corp. Comparator having fine adjustment by frame distortion. 2,842,854, 7-15-58, Cl. 33-147.
- Powell, Russell A., to Koppers Co., Inc. Sinter cooler. 2,823,913, 2-18-58, Cl. 266-21.
- Powell Steel Lath Corp.: *See—*
Stemples, John G. 2,851,741.
- Powell, Truman W. Shipping cartons. 2,824,682, 2-25-58, Cl. 229-37.
- Powell, Wm., Co., The: *See—*
Smith, Russell G. 2,842,283.
- Powell, William N., 25% to D. A. Rush, U. H. Harter, and G. H. Thompson. Air filter and humidifier. 2,843,216, 7-15-58, Cl. 183-12.
- Power Brake Parts Mfg. Co.: *See—*
Budreck, Frances. 2,839,965.
- Power, Bruce W. Food spoilage indicator. 2,823,131, 2-11-58, Cl. 99-192.
- Power, Ernest B., to General Electric Co. Quartz-to-metal foil press seal. 2,844,919, 7-29-58, Cl. 49-92.5.
- Power-Gas Corp. Ltd., The: *See—*
Ruschin, Kurt, and Milner. 2,829,034.
- Power Jets (Research and Development) Ltd.: *See—*
Alcock, John F. 2,846,195.
Ashwood, Peter F. 2,826,039.
Barr, John C. 2,848,190.
Barr, John C., and Hodge. 2,836,347.
Carter, Alfred D. S. 2,866,619.
Chappel, Herbert E., Waldo, and Forman. 2,836,035.
Cowlin, Christopher J., Bettison, and Cox. 2,828,608.
Davidson, Ivor M., and Dimmock. 2,838,256.
Dobson, George. 2,828,605.
Elliott, Douglas E. 2,866,697.
- Power Jets (Research and Development) Ltd.: *See—Continued*
Grey, John C. 2,823,008.
Grey, John C. 2,828,939.
Grey, John C. 2,859,954.
Grey, John C. 2,866,471.
Holl, Raymond. 2,866,313.
Islip, Leonard. 2,847,184.
Moyes, Sidney J. E. 2,823,863.
Orford, Roy C., and Grey. 2,850,029.
Perry, Sydney W. H. 2,861,823.
Roesch, Georges H. 2,859,935.
Shaw, Harry, and Walsham. 2,825,973.
Smith, Austin G. 2,843,354.
Walker, Daniel N. 2,854,819.
Whitehead, Leslie T. 2,861,775.
Whitehead, Leslie T. 2,863,474.
- Power Products Corp.: *See—*
Krueger, Robert G. 2,820,856.
- Power, Ronald G., and G. M. Wells, to The General Electric Co. Ltd. Manufacture of crystal contact devices. 2,858,598, 11-4-58, Cl. 29-25.3.
- Povernail Co.: *See—*
Anstett, Edgar P. 2,822,544.
- Powers Chemco, Inc.: *See—*
Anander, Andrew K. 2,836,373.
Schutt, Norman C., Bjelland, and Flynn. 2,836,917.
Schutt, Norman C., Bjelland, and Flynn. 2,857,697.
Schwarz, George. 2,845,849.
- Powers, Don M. Food container. 2,857,947, 10-28-58, Cl. 150-5.
- Powers, Donald H., to Richard Hudnut. End paper containing lanolin and polyoxyethylene sorbitol lanolin derivative. 2,832,357, 4-29-58, Cl. 132-43.
- Powers, Donald W.: *See—*
Marchand, Gaston A., and Powers. 2,862,069.
- Powers, Howard A.: *See—*
Altäilisch, Michael D., Cherniak, Powers, and White. 2,821,084.
Altäilisch, Michael D., Cherniak, Powers, and White. 2,831,349.
- Powers, James H., to General Electric Co. Electrode arrangement for electrostatic gas filter. 2,864,460, 12-16-58, Cl. 183-7.
- Powers, John M.: *See—*
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Cornell, Hampton G., Lewis, and Powers. 2,848,519.
- Powers, John M. and H. E. Cler, to Esso Research and Engineering Co. Recovery of benzene. 2,826,619, 3-11-58, Cl. 260-674.
- Powers, Milton A., to Skuttile Mfg. Co. Humidifier unit. 2,853,996, 9-30-58, Cl. 126-350.
- Powers, Milton A., and R. C. Champlin, to Skuttile Mfg. Co. Humidifier unit. 2,847,959, 8-19-58, Cl. 126-113.
- Powers Regulator Co., The: *See—*
Panza, Joseph E., and Thorburn. 2,828,075.
Severns, Roger A. 2,859,320.
Thorburn, David H. 2,831,714.
- Powers, Robert P.: *See—*
Koch, Robert C., and Powers. 2,822,019.
- Powers, Sam R. Level wind attachment for winch. 2,855,163, 10-7-58, Cl. 242-157.1.
- Powers-Samas Accounting Machines Ltd.: *See—*
Baldwin, Richard E. 2,837,280.
Davy, John C., and Watkin. 2,861,804.
Foster, Alan. 2,850,907.
Foster, Alan. 2,850,908.
Guttridge, Eric J. 2,832,541.
Lambert, Donald R. 2,845,804.
Parmenter, Raymond O. 2,848,048.
Thomas, Arthur. 2,840,165.
Vaughan, Frank E. J. 2,832,456.
- Powers, Theodore R. Poultry processing apparatus. 2,861,292, 11-25-58, Cl. 17-11.
- Powers, Walter H., and B. D. Jacques, to Walker Mfg. Co. of Wisconsin. Muffler having a cover and a retaining strip therefor. 2,834,427, 5-13-58, Cl. 181-61.
- Powers, William R.: *See—*
Sparrow, Donald B., and Powers. 2,862,922.
- Powers, William R., to Merck & Co., Inc. Detachable closure. 2,831,600, 4-22-58, Cl. 220-27.
- Powerscope, Inc.: *See—*
Calfee, Virgil T. 2,839,937.
- Powischill, John W., to Proctor & Schwartz, Inc. Drive for carding set. 2,840,859, 7-1-58, Cl. 19-98.
- Powischill, John W., E. W. Hine, II, and G. R. Howard, to Proctor & Schwartz, Inc. Apparatus and method for feeding bulk material to plural supply locations. 2,861,840, 11-25-58, Cl. 302-11.
- Powlson, Neil C. Television receiving antenna. 2,866,195, 12-23-58, Cl. 343-803.
- Poynter, Cyril E., to Weatherley Oilgear Ltd. Surface broaching machines. 2,850,950, 9-9-58, Cl. 90-33.
- Poynter, Cyril E., to Weatherley Oilgear Ltd. External or surface broaching machines and tools therefor. 2,855,656, 10-14-58, Cl. 29-95.1.
- Prachankadee, Rabele: *See—*
Cousins, Edwin R., Bhodhiprasart, and Prachankadee. 2,844,613.
- Prachar, Otakar P.: *See—*
Dolza, John, Prachar, and Wheatley. 2,820,340.
- Prachar, Otakar P., to General Motors Corp. Flexible coupling. 2,864,244, 12-16-58, Cl. 64-9.

- Pracht, Paul, to The Babcock & Wilcox Co. Apparatus for purifying steam. 2,825,316, 3-4-58, Cl. 122-459.
- Practical Industries, Inc.: See—
Hill, James J. 2,832,510.
- Practical Products Co.: See—
Joschko, Raymond C. 2,828,889.
- Prades, Manuel G. Combined level and inclinometer. 2,859,533, 11-11-58, Cl. 33-206.
- Praeg, Walter S., to National Broach & Machine Co. Gear checker. 2,819,532, 1-14-58, Cl. 33-179.5.
- Praeg, Walter S. Internal gear generator. 2,851,930, 9-16-58, Cl. 90-1.6.
- Praeg, Walter S. Machine and method for producing gears. 2,863,360, 12-9-58, Cl. 90-1.6.
- Praeg, Walter S., and A. B. Bassoff, to The Fellows Gear Shaper Co. Counter balancing mechanism for gear finishing machines. 2,856,824, 10-21-58, Cl. 90-7.
- Prager, William W.: See—
Bartlett, Francis J. W. 2,835,620.
- Pragodev, výroba damske a detske konfecke, narodni podnik: See—
Klika, Zdenek. 2,842,907.
- Pralle, William F., $\frac{1}{2}$ to J. T. Clark, d. b. a. Clark-Festher Mfg. Co., and $\frac{1}{2}$ to H. J. Rau. Hose valves. 2,830,614, 4-15-58, Cl. 137-356.
- Prapis, Frank: See—
Bennett, Alfred, and Prapis. 2,830,777.
Owen, John C., and Prapis. 2,859,005.
- Prapis, Frank, to Bendix Aviation Corp. Direct current modulator. 2,864,001, 12-9-58, Cl. 250-27.
- Praria, Guy B., Jr.: See—
Giuffrida, Joseph, and Praria. 2,866,124.
- Prase, Werner. Method of producing boards of pressed composition material. 2,825,674, 3-4-58, Cl. 154-118.
- Prasse, Herbert F., and A. A. Armstrong, to Thompson Products, Inc. Ni-cr-co-Mo valve seat insert. 2,827,373, 3-18-58, Cl. 75-134.
- Prater, Charles D., and P. B. Weisz, to Socony Mobil Oil Co., Inc. Catalytic reforming with a mixed base catalyst. 2,854,404, 9-30-58, Cl. 208-139.
- Prater, John D.: See—
Zimmerler, Stuart R., Wilson, and Prater. 2,829,964.
- Prater, Willis K.: See—
Bell, William A., Jr., Love, and Prater. 2,821,662.
- Prather, Marvin E., to General Electric Co. Electric range oven. 2,844,703, 7-22-58, Cl. 219-35.
- Prather, Wallace W.: See—
Majerus, John B., and Prather. 2,848,627.
- Pratt, Bancroft F. Extensible step ladder. 2,857,087, 10-21-58, Cl. 228-21.
- Pratt, Burt C., to E. I. du Pont de Nemours and Co. Process for preparing a copolymer of 3-methylene-1-cyclobutene and another ethylenically unsaturated monomer and the copolymer. 2,842,474, 7-8-58, Cl. 154-140.
- Pratt, Burt C., to E. I. du Pont de Nemours and Co. 3-Hydrocarbo-2-cyclobutene-1,2-dicarboxylic acids and their preparation. 2,848,478, 8-19-58, Cl. 260-468.
- Pratt, Donald L., to Rome Cable Corp. Spreader for twisted-together, insulated conductors. 2,841,364, 7-1-58, Cl. 254-1.
- Pratt, Edmund C. Pencil lead sharpeners. 2,857,883, 10-28-58, Cl. 120-91.
- Pratt, Elmer J., to Guardian Electric Mfg. Co. Solenoid relay. 2,852,637, 9-16-58, Cl. 200-87.
- Pratt, Frank S. Release type ski binding. 2,854,242, 9-30-58, Cl. 280-11.35.
- Pratt, Haraden, to Dualex Corp. Teletypewriter. 2,859,277, 11-4-58, Cl. 178-25.
- Pratt, Henry, Co.: See—
Herren, Wilson T., and Fawkes. 2,853,267.
- Pratt, James A. Projected spotlight heat shielding apparatus. 2,854,562, 9-30-58, Cl. 240-3.
- Pratt, Otto P., to McGraw-Edison Co. Steam iron with thermally-operated valve. 2,865,119, 12-23-58, Cl. 38-77.
- Pratt, Read and Co., Inc.: See—
Stein, Charles F. 2,866,371.
- Pratt, Robert C. Plastic pipe molding apparatus. 2,826,784, 3-18-58, Cl. 18-19.
- Pratt, Russell G.: See—
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- Pratt, Thomas W. Preparation of catalytic cracking feed. 2,834,715, 5-13-58, Cl. 196-14.46.
- Pratt & Whitney Co., Inc.: See—
Campbell, Paul J. 2,828,673.
Chandler, Milton E. 2,853,851.
Dexter, Albert M., Jr. 2,819,369.
Dexter, Albert M., Jr. 2,842,851.
Kamm, Lawrence J. 2,840,771.
Knobel, Max. 2,851,565.
Woodward, James S. 2,830,437.
Wright, Alexander M. 2,842,062.
Wright, Alexander M. 2,857,739.
- Pratt, William J. Paint roller means. 2,836,840, 6-3-58, Cl. 15-230.
- Pratt, William J., and D. P. Blakely. Wall paper edger-trimmers. 2,853,778, 9-30-58, Cl. 30-294.
- Praud, Rene, to "Societe Industrielle pour le Perfectionnement des Appareils Menagers" (S. I. P. A. M.). Steam iron and support. 2,864,186, 12-16-58, Cl. 28-77.
- Pray, Blaine O., to Columbia-Southern Chemical Corp. Dichlorobenzene manufacture. 2,819,321, 1-7-58, Cl. 260-650.
- Pray, Blaine O., and W. E. Bissinger, to Columbia-Southern Chemical Corp. Methods of repelling rodents employing chlorinated phenol derivatives. 2,862,849, 12-2-58, Cl. 167-46.
- Preble, Harry, Jr.: See—
Green, Xan B. K., and Preble. 2,855,166.
- Precision Apparatus Co., Inc.: See—
Belart, Jose. 2,849,681.
Belart, Jose. 2,857,572.
- Precision Building System, Inc.: See—
Zagray, Harold F., and Wack. 2,822,154.
- Precision Parts Corp.: See—
Harmon, Paul V. 2,852,176.
- Precision Processing Co.: See—
Blades, Robert E. 2,833,544.
- Precision Products, Inc.: See—
Nicholson, George E. 2,852,907.
- Precision Research and Development Co.: See—
Smith, Fred T. 2,822,184.
- Precision Welder & Flexopress Corp.: See—
Forkner, Ewell W. 2,866,505.
- Precision Welder and Machine Co.: See—
Jones, Thomas E. 2,862,100.
Matthes, Karl W. 2,826,673.
Mecklenborg, Lawrence W. 2,863,986.
Schueler, Arthur W. 2,863,985.
- Preco Inc.: See—
Shea, Reeford P. 2,846,635.
- Precopio, Frank M.: See—
Gilbert, Alfred R., and Precopio. 2,835,651.
- Precopio, Frank M., to General Electric Co. Condensation polymers of 2,6-dihydroxy-4-carboxy-pyridine and formaldehyde and method of making the same. 2,840,544, 6-24-58, Cl. 260-67.5.
- Predota, Albert J., and H. J. Kiefer, to The Glidden Co. Copper conductor coated with silicone resin composition. 2,864,728, 12-16-58, Cl. 117-232.
- Preferred Utilities Mfg. Corp.: See—
Lake, Harry E. 2,860,695.
Lake, Harry E., and Breed. 2,859,806.
- Preformed Line Products Co.: See—
Peterson, Thomas F. 2,847,499.
- Preiser, Herman S. Insoluble trailing anode for cathodic protection of ships. 2,863,819, 12-9-58, Cl. 204-196.
- Preiser, Ralph H., to General Time Corp. Automatic crescendo alarm. 2,856,751, 10-21-58, Cl. 58-19.
- Preisig, Joseph O., to Radio Corp. of America. Direct current insertion apparatus. 2,843,666, 7-15-58, Cl. 178-7.3.
- Preisig, Joseph O., to Radio Corp. of America. Color synchronization. 2,858,365, 10-28-58, Cl. 178-5.4.
- Preisig, Joseph O., and R. N. Rhodes, to Radio Corp. of America. High voltage power supply. 2,829,335, 4-1-58, Cl. 323-60.
- Preiss, Donald M.: See—
Armstrong, Jack W., Preiss, and Edgar. 2,829,100.
- Preist, Donald H., to Eitel-McCullough, Inc. Electron gun for beam-type tubes. 2,842,703, 7-8-58, Cl. 315-3.
- Preist, Donald H., to Eitel-McCullough, Inc. Modulated beam-type electron tube apparatus. 2,842,742, 7-8-58, Cl. 332-7.
- Preist, Donald H., to Eitel-McCullough, Inc. Beam type electron tube. 2,854,599, 9-30-58, Cl. 313-81.
- Preload Co., Inc.: See—
Dobell, Curzon. 2,833,186.
Dobell, Curzon, and Molke. 2,852,991.
- Prelog, Vladimir: See—
Ruzicka, Leopold, and Prelog. 2,838,580.
- Prelog, Vladimir, to Ciba Pharmaceutical Products, Inc. Process for splitting racemates. 2,833,694, 5-6-58, Cl. 195-2.
- Premier Drum Co. Ltd., The: See—
Della-Porta, Clifford A. 2,842,387.
- Premier Laundry, Inc.: See—
Hajos, Eugene. 2,829,451.
- Premier-Hall Mfg. Co.: See—
Berger, Irvin E. Re. 24,498.
- Premier Research Laboratories, Inc.: See—
Font, Ramon. 2,844,742.
- Premo, Ellis J.: See—
Leslie, James D., Fox, and Premo. 2,852,997.
- Premo, Ellis J., to General Motors Corp. Interconnected seat cushion and back. 2,832,397, 4-29-58, Cl. 155-9.
- Prendergast, John R., to Owens-Illinois Glass Co. Apparatus for transferring and loading anode buttons on a carrier. 2,842,252, 7-8-58, Cl. 198-24.
- Prentice, G. E., Mfg. Co., The: See—
Legat, Robert C. 2,837,136.
Legat, Robert C., and Motyka. 2,826,126.
- Prentice, Leon A. Three dimensional cam mechanism. 2,843,095, 7-15-58, Cl. 123-90.
- Prentice, Leon A. Internal combustion engines of the variable compression type. 2,858,816, 11-4-58, Cl. 123-48.
- Prentice Machine Works, Inc.: See—
Anderson, Victor E. 2,826,336.
- Prentiss, Spencer S., to Phillips Petroleum Co. Pellet molding apparatus. 2,855,627, 10-14-58, Cl. 18-5.
- Preparation Industrielle des Combustibles: See—
Dru, Marcel. 2,850,112.
Olive, Paul C. 2,822,138.
- Prepo Corp.: See—
Falligant, Louis A. 2,860,820.

- Prerotti, Gino J.: *See—*
Keeler, William R., Evans, and Prerotti. 2,819,949.
- Prescott, David B., to The Cleveland Pneumatic Tool Co. Thermal compensating needle valve. 2,830,621, 4-15-58, Cl. 138-46.
- Prescott, David B., to Cleveland Pneumatic Industries, Inc. Double acting liquid spring damper. 2,852,247, 9-16-58, Cl. 267-64.
- Prescott, Thomas G., to Bomac Laboratories Inc. Electrode structure for gaseous discharge devices. 2,844,751, 7-22-58, Cl. 313-217.
- Presgrave, Cyril: *See—*
Minnick, Leonard J., and Presgrave. 2,863,933.
- Presler, James L., to Corson Brothers, Inc. Harrow. 2,859,577, 11-11-58, Cl. 55-86.
- Presley, Jerry W., to Socony Mobil Oil Co., Inc. Sampling valve for high melt materials. 2,865,394, 12-23-58, Cl. 137-334.
- Presmyk, Wally J. Tool grinding mechanism. 2,860,459, 11-18-58, Cl. 51-221.
- Presnell, Frank G. Self-propelled model submarine. 2,826,001, 3-11-58, Cl. 46-94.
- Presnell, Frank G. to Bendix Aviation Corp. Motor control valve with automatic hold and release. 2,864,402, 12-16-58, Cl. 137-622.5.
- Press, Irving D., to Resistoflex Corp. Reusable hose end fitting for plural layer. 2,853,319, 9-23-58, Cl. 285-39.
- Press, Irving D., to Resistoflex Corp. Method of securing a coupling to an end of a high temperature flexible hose. 2,865,094, 12-23-58, Cl. 29-506.
- Press, Jack J. Cantilever stiffness and curl tester. 2,860,510, 11-18-58, Cl. 73-159.
- Press, John E.: *See—*
Olson, Raymond J., and Press. 2,864,446.
- Press, John E., and H. L. Bendel, to Federal Tool Corp. Injection mold assembly. 2,850,766, 9-9-58, Cl. 18-30.
- Pressed and Welded Steel Products Co., Inc.: *See—*
Haskin, Walter E. 2,839,064.
- Pressel, Paul I., to Thompson Products, Inc. High frequency attenuation control device. 2,831,170, 4-15-58, Cl. 333-81.
- Pressey, Henry E., to American Optical Co. Tension control for adjustment mechanisms. 2,820,396, 1-21-58, Cl. 88-39.
- Pressler, Ralph B., and V. O. Walker, to Bowser, Inc. Liquid proportioner. 2,849,014, 8-26-58, Cl. 137-98.
- Pressley, Augusta M. Shaft and hub constructions. 2,838,329, 6-10-58, Cl. 287-52.03.
- Pressure Gauges Ltd.: *See—*
Grant, Charles R. A. 2,862,388.
- Pressure Packaging Corp.: *See—*
Cooksley, Ralph D. 2,861,723.
- Prest, Edward C.: *See—*
Loygren, Einar C., and Prest. 2,845,685.
- Presto Lock Co.: *See—*
Levine, Abraham. 2,819,603.
- Prestole Corp.: *See—*
Balint, John. 2,835,009
Collins, Coy W., and Zahn. 2,831,388.
- Preston, Don F., to Acme Appliance Mfg. Co. Sliding door assembly. 2,833,346, 5-6-58, Cl. 160-197.
- Preston, Elliott: *See—*
Griffin, Francis R., and Preston. 2,827,182.
- Preston, James N. Automatic sleep-warning system device for automobiles. 2,848,712, 8-19-58, Cl. 340-279.
- Preston, John: *See—*
Olson, Harry F., and Preston. 2,838,607.
Olson, Harry F., and Preston. 2,858,375.
- Preston, John S., and E. J. Gillham, to National Research Development Corp. Transparent conducting films. 2,825,687, 3-4-58, Cl. 204-192.
- Preston, Martin, to The Wellman Engineering Co. Bulk material trimmer for boat loading apparatus. 2,857,041, 10-21-58, Cl. 198-128.
- Preston, Robert K.: *See—*
Martin, Gustav J., Avakian, and Preston. 2,820,800.
- Prestrud, Lars O., and F. P. Murphy. Portable cattle dip. 2,848,977, 8-26-58, Cl. 119-158.
- Preteuille, Maurice A., to Lignes Telegraphiques & Telephoniques. Signal receiving device. 2,837,604, 6-3-58, Cl. 179-84.
- Pretka, Frank: *See—*
Cunningham, George L., Pretka, and Zelnik. 2,852,452.
- Pretka, John E.: *See—*
Katz, Leon, Hein, Pretka, and Long. 2,852,556.
Long, Robert S., and Pretka. 2,852,503.
- Prette, Marcel, E. Grimaud, and R. Alliot, to Société Anonyme dite: Société d'Electro-Chimie, d'Electro-Metallurgie et des Acieries Electriques d'Ugine. Method for the condensation of chlorinated rubber and aromatic compounds and product obtained. 2,838,587, 6-10-58, Cl. 260-772.
- Pretz, Anne A. Holder for eyeglasses. 2,818,621, 1-7-58, Cl. 24-13.
- Preud'Homme, Genevieve G. M.-M.: *See—*
Carron, Maurice C. E., Jullien, and Preud'Homme. 2,846,469.
- Previti, Alfred E. Register indicator. 2,822,128, 2-4-58, Cl. 235-23.
- Preway Inc.: *See—*
Fiandt, Ronald M. 2,823,291.
Nelson, Averd G. 2,845,923.
- Prewitt, Ben F. Turn table for model electric trains. 2,823,622, 2-18-58, Cl. 104-38.
- Prewitt, Richard H. Rotor blade with deicing means. 2,842,214, 7-8-58, Cl. 170-135.4.
- Pribble, Noble F., to Bendix Aviation Corp. Dual modulator for fuel injection system. 2,845,910, 8-5-58, Cl. 123-32.
- Pribonic, John F., to General Motors Corp. Ride height control valve. 2,844,385, 7-22-58, Cl. 280-124.
- Pribonic, John F., to General Motors Corp. Ride height control valve. 2,844,386, 7-22-58, Cl. 280-124.
- Pribyl, Edward J.: *See—*
Lott, William A., and Pribyl. 2,863,876.
Lott, William A., and Pribyl. 2,866,733.
- Pribyl, Edward J., and W. A. Lott, to Olin Mathieson Chemical Corp. Carbamic acid esters. 2,848,459, 8-19-58, Cl. 260-340.2.
- Price, Alfred A. Spreader for fertilizer and the like. 2,865,536, 12-23-58, Cl. 222-177.
- Price Battery Corp.: *See—*
Vieth, Albert B. 2,819,805.
Vieth, Albert B. 2,819,806.
- Price, Bernard M. Windshield wiper. 2,845,803, 8-5-58, Cl. 74-57.
- Price Brothers Co.: *See—*
Osweiler, Paul L. 2,850,784.
- Price, Carl E.: *See—*
Sheldon, Fred R., McEwen, and Price. 2,822,236.
- Price, Cecil J., to E. I. du Pont de Nemours and Co. Thread tensioner. 2,860,844, 11-18-58, Cl. 242-150.
- Price, Charles C., to University of Notre Dame. Polyether polyurethane rubber. 2,866,774, 12-30-58, Cl. 260-77.5.
- Price, Charles D.: *See—*
Cull, Carl, Jr., and Price. 2,852,106.
- Price, Charles S., deceased, by T. D. Austin, executor. Application of wraps and/or strip stamps to the necks of bottles. 2,826,022, 3-11-58, Cl. 53-137.
- Price, Charles W. Bale loading machine. 2,855,086, 10-7-58, Cl. 198-7.
- Price, Clifford L., to General Motors Corp. Cap for liquid receptacles. 2,836,258, 5-27-58, Cl. 183-73.
- Price, David, to United States of America, Atomic Energy Commission. Calutron structure. 2,850,634, 9-2-58, Cl. 250-41.9.
- Price, David B., to Westinghouse Electric Corp. Beverage brewing apparatus. 2,856,844, 10-21-58, Cl. 99-299.
- Price, Earl R., to Bendix Aviation Corp. Power assisted actuator. 2,818,710, 1-7-58, Cl. 60-54.6.
- Price, Earl R., to Bendix Aviation Corp. Pneumatic servo-motor. 2,826,177, 3-11-58, Cl. 121-41.
- Price, Earl R., to Bendix Aviation Corp. Combined brake and motor control mechanism. 2,826,284, 3-11-58, Cl. 192-3.
- Price, Earl R., to Bendix Aviation Corp. Brake anti-creep mechanism. 2,837,186, 6-3-58, Cl. 192-3.
- Price, Earl R., to Bendix Aviation Corp. Fluid pressure servo-motor. 2,842,101, 7-8-58, Cl. 121-41.
- Price, Earl R., to Bendix Aviation Corp. Fluid pressure servo-motor. 2,845,903, 8-5-58, Cl. 121-46.5.
- Price, Earl R., to Bendix Aviation Corp. Power braking system. 2,855,901, 10-14-58, Cl. 121-41.
- Price, Earl R., to Bendix Aviation Corp. Power assisted master cylinder. 2,857,743, 10-28-58, Cl. 60-54.6.
- Price, Earl R., to Bendix Aviation Corp. Combined manual and power-assisted hydraulic braking system. 2,858,911, 11-4-58, Cl. 188-152.
- Price, Earl R., and E. E. Hupp, to Bendix Aviation Corp. Pneumatic servo-motor. 2,818,836, 1-7-57, Cl. 121-41.
- Price, Edison A. Lighting device. 2,822,462, 2-4-58, Cl. 240-138.
- Price, George B. Knurling tool for bowling balls. 2,837,993, 6-10-58, Cl. 101-4.
- Price, George B., 1/2 to J. B. Lusk. Measuring instruments. 2,855,687, 10-14-58, Cl. 33-170.
- Price, George E., to Westinghouse Electric Corp. Electric heater apparatus. 2,839,655, 6-17-58, Cl. 219-37.
- Price, Harold J.: *See—*
Jessen, Phillip L., and Price. 2,827,569.
- Price, Harry L. Miniature super-regenerative radio receiver using transistors. 2,821,625, 1-28-58, Cl. 250-20.
- Price, Harvey N., to General Electric Co. Electric discharge device including improved anode structure. 2,840,746, 6-24-58, Cl. 313-217.
- Price, Herbert E. Walking doll. 2,848,838, 8-26-58, Cl. 46-105.
- Price, Ira E. Sawing machine using a portable electric saw on a trackway engaging the work. 2,818,892, 1-7-58, Cl. 143-6.
- Price, John A., to American Cyanamid Co. Polymers of N-(dialkylaminopropyl) maleamic acid. 2,821,521, 1-28-58, Cl. 260-78.
- Price, John A., and W. M. Thomas, to American Cyanamid Co. Process for polymerizing vinyl compounds containing a basic nitrogen atom. 2,840,550, 6-24-58, Cl. 260-80.5.
- Price, John C., to International Standard Electric Corp. Electric pulse modulators. 2,822,522, 2-4-58, Cl. 332-9.
- Price, Kenneth B. Antenna mast. 2,822,067, 2-4-58, Cl. 189-26.
- Price, Leonard W., to Hughes Aircraft Co. Clutch device and motor switching means. 2,825,862, 3-4-58, Cl. 318-469.
- Price, Lester A.: *See—*
Cherones, William J., and Price. 2,846,640.
- Price, Lloyd R., and R. T. Ferguson, Jr., to Robinson Tag & Label Co. Tag making machine and method. 2,848,225, 8-19-58, Cl. 271-2.6.

- Price, Lyle G. Electrified gate. 2,849,811, 9-2-58, Cl. 39-84.
- Price, Martin A., to Pastushin Aviation Corp. Means for releasably mounting stores on aircraft. 2,865,582, 12-23-58, Cl. 244-137.
- Price, Osborne L., to Bendix Aviation Corp. Rotary electrical relay. 2,843,700, 7-15-58, Cl. 200-104.
- Price, Ralph E.: See—
Balsiger, Harold E., and Price. 2,864,211.
- Price, Ralph E., to Gardner Machine Co. Selective control devices for disc grinders. 2,845,755, 8-5-58, Cl. 51-112.
- Price, Raymond M., L. J. Young, B. H. Tubbs, and R. E. Lee, to The Dow Chemical Co. Molding compositions of high molecular weight and low molecular weight polymers. 2,864,802, 12-16-58, Cl. 260-45.5.
- Price, Richard H., to Saunders Valve Co. Ltd. Diaphragm valves and diaphragms therefor. 2,840,339, 6-24-58, Cl. 251-331.
- Price, Robert J. Precision variable-delay pulse generator. 2,841,709, 7-1-58, Cl. 250-27.
- Price, Robert L., to Zenith Radio Corp. Sync separator comprising electro-mechanical resonant line. 2,835,732, 5-20-58, Cl. 178-7.5.
- Price, Rudolph, and D. A. Brown, to Boeing Airplane Co. Adjustable thickness fastener having screw operable ball detents. 2,847,893, 8-19-58, Cl. 85-5.
- Price, Russell W. Conductive shoe. 2,857,556, 10-21-58, Cl. 317-2.
- Price, Thomas D., and N. M. Jeung, to United States of America, Atomic Energy Commission. Process of recovering uranium. 2,839,358, 6-17-58, Cl. 23-14.5.
- Price, Walter V.: See—
Irvine, Donald M., and Price. 2,850,390.
- Price, William: See—
Greig, Arthur, and Price. 2,818,994.
- Price, William J., and A. Mayer, to Magnesium Elektron Ltd. Means for measuring small degrees of optical density. 2,844,989, 7-29-58, Cl. 88-14.
- Prichard, Evan S., to Cook Bros. Equipment Co. Mobile crane and carrier assembly. 2,855,110, 10-7-58, Cl. 212-38.
- Prichard, Evan S., and L. M. Ballard, to Cook Bros. Equipment Co. Fifth-wheel construction. 2,858,143, 10-28-58, Cl. 280-131.
- Prichard, William W., to E. I. du Pont de Nemours and Co. Preparation of phthalimides. 2,841,591, 7-1-58, Cl. 260-325.
- Prickett, Mona E.: See—
Prickett, Wilber W., and M. E. 2,833,443.
Prickett, Wilber W., and M. E. 2,849,944.
- Prickett, Thomas A.: See—
Endicott, Clarence J., Prickett, and Dallavis. 2,820,741.
- Prickett, Thomas W., and W. E. Duncan, to Highway Trailers and Utilities of Alabama, Inc. Load carrying vehicle body. 2,839,328, 6-17-58, Cl. 296-28.
- Prickett, Wilber W., and M. E., to Salter Machine Co. Powdered material dispenser. 2,833,443, 5-6-58, Cl. 222-49.
- Prickett, Wilber W., and F. F. Dungan. Fruit boxer and counter. 2,849,845, 9-2-58, Cl. 53-60.
- Prickett, Wilber W., and M. E. Can retort. 2,849,944, 9-2-58, Cl. 99-330.
- Pridham, Thomas G.: See—
Lindenfelser, Lloyd A., Benedict, Shotwell, Pridham, Stodola, and Jackson. 2,865,815.
- Pridmore, Thomas C., and G. S. Ley, to United States of America, Navy. Oscilloscope display method and circuit for FM radar systems. 2,860,331, 11-11-58, Cl. 343-9.
- Priebe, Edward L.: See—
McCarthy, Joseph A., Allen, and Priebe. 2,854,316.
- Priebe, Ernest B., Jr. and P. A., to Drake Block Co., Inc. Process of casting heat exchange fins upon a tube. 2,837,799, 6-10-58, Cl. 22-206.
- Priebe, Paul A.: See—
Priebe, Ernest B., Jr. and P. A. 2,837,799.
- Priefert, Marvin J. Apparatus for loading baled farm crops. 2,862,597, 12-2-58, Cl. 198-7.
- Pries, Lawrence L. Light sensitive plate coating. 2,858,214, 10-28-58, Cl. 96-93.
- Priesmeyer, Charles, to Meyer-Wenthe, Inc. Eccentric coin. 2,836,911, 6-3-58, Cl. 40-27.5.
- Priest, Charles A. V., 1/2 to L. J. Kittle. Humidity and temperature regulating air conditioner. 2,820,353, 1-21-58, Cl. 62-139.
- Priest, George D. Pulling tool for straightening fenders and bodies. 2,863,489, 12-9-58, Cl. 153-38.
- Priest, Henry M., to United States Steel Corp. Grating structure. 2,846,931, 8-12-58, Cl. 94-30.
- Priest, William J., to Eastman Kodak Co. Process for polymerizing a prolamine and an acrylic acid, the product obtained thereby, and a photographic emulsion containing same. 2,824,077, 2-18-58, Cl. 260-8.
- Priestley, Eric H.: See—
Starks-Field, Alfred B., Keall, and Priestley. 2,841,784.
- Priestman, Bewley D.: See—
Corbin, Russell G., and Priestman. 2,839,912.
- Priestman, Bewley D., to General Motors Corp. Fastener means. 2,822,198, 2-4-58, Cl. 287-20.5.
- Priestman, Bewley D., to General Motors Corp. Door latch-adjustable linkage for push button. 2,832,626, 4-29-58, Cl. 292-280.
- Priestman, Bewley D., to General Motors Corp. Retaining clip and assembly. 2,845,291, 7-29-58, Cl. 287-91.
- Priestman, Bewley D., to General Motors Corp. Rotary gear bolt door latch. 2,852,296, 9-16-58, Cl. 292-280.
- Priestman, Bewley D. and J. G. Hertlein, to General Motors Corp. Outside door handle assembly. 2,862,753, 12-2-58, Cl. 292-336.3.
- Prieto, José H. Torsion regulator for iron and steel rolling curtains. 2,842,198, 7-8-58, Cl. 160-313.
- Priewe, Hans, and R. Rutkowski, to Schering A. G. X-ray contrast agents comprising symmetrical bifunctional analogs of N-acyl derivatives of 2,4,6-triiodo-3-amino benzoic acid. 2,853,424, 9-23-58, Cl. 167-95.
- Prill, Edward A., to Boyce Thompson Institute for Plant Research, Inc. Organic compounds. 2,825,730, 3-4-58, Cl. 260-294.
- Prill, Edward A., to Boyce Thompson Institute for Plant Research, Inc. Alkylsulfonyl-6-dihydrosafrole and intermediary compounds. 2,830,061, 4-8-58, Cl. 260-340.5.
- Prill, Edward A., to Boyce Thompson Institute for Plant Research, Inc. Alkylsulfonyl and arylsulfonyl derivatives of methylenedioxyaniline. 2,836,538, 5-27-58, Cl. 167-33.
- Prill, Edward A., to Boyce Thompson Institute for Plant Research, Inc. Alpha-ethyl-piperonyl ether of hydroxy-alkanamides. 2,849,455, 8-26-58, Cl. 260-340.5.
- Prill, Edward A., to Boyce Thompson Institute for Plant Research, Inc. Esters of N-alkylcarbamic acids. 2,856,411, 10-14-58, Cl. 260-340.5.
- Prim, Floyd. Heating units. 2,855,919, 10-14-58, Cl. 126-85.
- Primakoff, Gregory G. Internal combustion engines. 2,836,161, 5-27-58, Cl. 123-122.
- Prime Mfg. Co.: See—
Pehrson, Manfred E. 2,824,544.
Sjoberg, Nils W. 2,828,495.
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- Primeau, George H.: See—
Larsen, Hugh W., Primeau, and Robbins. 2,848,882.
- Primessing, Franz: See—
Pischke, Johannes, and Primessing. 2,828,537.
- Primich, Theodore. Chimney flue housing. 2,821,900, 2-4-58, Cl. 98-46.
- Primus, William F.: See—
Stangle, Arthur T., and Primus. 2,824,765.
- Princ, Anthony P. Automobile and portable radio mounting. 2,866,891, 12-30-58, Cl. 250-14.
- Prince, Arthur E., to Otis Elevator Co. Control mechanism for elevators. 2,826,271, 3-11-58, Cl. 187-29.
- Prince Castle Mfg. Division, Inc.: See—
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- Prince, David C., to General Electric Co. Current transformer. 2,849,694, 8-26-58, Cl. 336-174.
- Prince, David C. High voltage circuit breaker. 2,850,600, 9-2-58, Cl. 200-150.
- Prince, David C. High voltage cable connector. 2,852,596, 9-16-58, Cl. 174-73.
- Prince, Harry T., and W. W. Smith, to Tower Iron Works, Inc. Ager for processing printed fabrics. 2,833,136, 5-6-58, Cl. 68-5.
- Prince, Joseph E., and S. Haynes, to British Celanese Ltd. Safety guards for rotary blade fabric cutters. 2,839,103, 6-17-58, Cl. 143-159.
- Prince, Lawrence W. Integral handle supporting snap hook. 2,830,478, 4-15-58, Cl. 81-53.
- Prince, Morton B., to Bell Telephone Laboratories, Inc. Method of producing cavities in semiconductive surfaces. 2,844,531, 7-22-58, Cl. 204-143.
- Prince, Richard N.: See—
Gillett, Eugene C., and Prince. 2,824,808.
- Princeton Nurserymen's Research Associates: See—
Flemer, William 3rd. 2,835,992.
- Princiotta, Cono. Safety device for vehicle passengers. 2,856,991, 10-21-58, Cl. 155-189.
- Principal Mfg. Corp.: See—
Jenkinson, Harry C. 2,845,705.
- Prindle, Robert H. Wire package and method of forming. 2,838,172, 6-10-58, Cl. 206-59.
- Pringham, Henry E. J., to Studebaker-Packard Corp. Fuel injection system for internal combustion engine. 2,852,011, 9-16-58, Cl. 123-119.
- Pringham, Henry E. J., to General Motors Corp. Enrichment device for fuel injection system. 2,860,617, 11-18-58, Cl. 123-119.
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- Pringle, Gail W.: See—
Van Amburg, William F., Redmond, and Pringle. 2,841,851.
- Pringle, Virgil T. Produce display tray. 2,836,339, 5-27-58, Cl. 229-22.
- Pringle, William L., to Rockwell Spring and Axle Co. Spring seat and trunnion bearing for vehicle suspension. 2,841,413, 7-1-58, Cl. 280-104.5.
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- Priola, Michael J. Slag ladle. 2,842,353, 7-8-58, Cl. 266-39.
- Prior, Hector T.: See—
Terry, Victor J., Hargreaves, and Prior. 2,841,701.
- Prior, Hector T., and E. A. Foulkes, to International Standard Electric Corp. Printing telegraph distortion indicator. 2,856,457, 10-14-58, Cl. 178-69.

- Prior, Roger A., to General Electric Co. Three phase regulator connections. 2,866,152, 12-23-58, Cl. 323-44.
- Prism Signs Inc.: See—
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- Pritchard, Arnold J., Idler arm conversion kit. 2,826,466, 3-11-58, Cl. 308-207.
- Pritchard, Arnold J., and E. M. Mickley. Disassembly tool for hydraulic valve tappets. 2,826,808, 3-18-58, Cl. 29-282.
- Pritchard, Benjamin S., to General Electric Co. Spectrophotometer. 2,865,246, 12-23-58, Cl. 88-14.
- Pritchard, Dalton H., to Radio Corp. of America. Color television. 2,830,112, 4-8-58, Cl. 178-5.4.
- Pritchard, Howard A., to Harris-Intertype Corp. Means for dampening the surface of a rotating cylinder. 2,856,848, 10-21-58, Cl. 101-147.
- Pritchard, J. F., & Co.: See—
Eickmeyer, Allen G., and Deschner. 2,842,941.
- Pritchard, James E.: See—
Smith, Frederick M., and Pritchard. 2,842,526.
- Pritchard, James E., to Phillips Petroleum Co. Fungicides, their preparation and use. 2,848,356, 8-19-58, Cl. 117-138.5.
- Pritchard, James E., to Phillips Petroleum Co. Process for production of solid polymeric compounds. 2,851,450, 9-9-58, Cl. 260-88.3.
- Pritchard, James E., to Phillips Petroleum Co. Addition products of heterocyclic nitrogen polymers and heavy metal salts, method of impregnating with, and impregnated article. 2,861,902, 11-25-58, Cl. 117-138.5.
- Pritchard, James E., to Phillips Petroleum Co. Polymerization of 3-vinylpyridines and latex produced thereby. 2,862,902, 12-2-58, Cl. 260-29.6.
- Pritchard, James E., and P. J. Canterino, to Phillips Petroleum Co. Epoxy compounds as plasticizers for quartzized polymers. 2,860,117, 11-11-58, Cl. 260-30.4.
- Pritchard, James E., and P. J. Canterino, to Phillips Petroleum Co. Resins of epoxy compounds and polymers of alkyl substituted vinylpyridines and the like. 2,860,120, 11-11-58, Cl. 260-45.5.
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- Pritchard, Kenneth L., to The Duralite Mfg. Co. Door seal. 2,855,989, 10-14-58, Cl. 160-40.
- Pritchard, Ronald, to The National Cash Register Co. Electrical gating circuits. 2,821,627, 1-28-58, Cl. 250-27.
- Pritchard, Wilbur L., and C. P. Domenichini, to Raytheon Mfg. Co. Balanced mixers which utilizes image-frequency power reflected from detector diodes. 2,834,876, 5-13-58, Cl. 250-20.
- Pritchett, Clarence L. Slidable nut actuated, slidable outer jaw wrench. 2,837,952, 6-10-58, Cl. 81-172.
- Pritikin, Louis R. Sanding device. 2,818,690, 1-7-58, Cl. 51-187.
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- Pritikin, Nathan. Electrical resistor and method and apparatus for producing resistors. 2,849,583, 8-26-58, Cl. 201-73.
- Pritikin, Nathan. Electrical component and method of making same. 2,864,926, 12-16-58, Cl. 201-73.
- Pritz, Peter G. Electric food broilers. 2,855,842, 10-14-58, Cl. 99-421.
- Privett, Herbert L.: See—
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- Proaps, Irwin F., to Center Line Mfg. Co., Inc. Pressure distributing pad. 2,835,778, 5-20-58, Cl. 219-19.
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- Probst, Delbert C., to General Motors Corp. Ventilation window booster. 2,846,265, 8-5-58, Cl. 296-44.
- Probst, Delbert C., to General Motors Corp. Door latch and striker. 2,854,272, 9-30-58, Cl. 292-229.
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- Probst, Robert L., and G. J. Le Brasse, to Federal-Mogul Corp. Sintered stainless steel metal alloy. 2,826,805, 3-18-58, Cl. 29-182.
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- Process Millers, Inc.: See—
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- Procko, Andrew, to Columbia-Southern Chemical Corp. Purification process. 2,856,438, 10-14-58, Cl. 260-650.
- Procopio, Edward, to Rhee Elastic Thread Corp. Method and apparatus for producing laminated sheeting from a calendered sheet. 2,831,526, 4-22-58, Cl. 154-1.8.
- Procter, Edward C.: See—
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- Procter & Gamble Co. The: See—
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Hager, Richard E., and Reiss. 2,839,448.
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Tucker, Nathaniel B., and Martin. 2,831,854.
- Procter, Samuel A. High-voltage power supply. 2,823,347, 2-11-58, Cl. 321-15.
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- Procter, Bernard E., and S. A. Goldblith, to Research Corp. Preservation of organic materials by irradiation. 2,832,689, 4-29-58, Cl. 99-157.
- Procter, Donald D., to E. I. du Pont de Nemours and Co. Nylon extrusion. 2,835,925, 5-27-58, Cl. 18-55.
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- Procter Electric Co.: See—
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- Procter, James A., to Union Carbide Corp. Lubricating device. 2,852,097, 9-16-58, Cl. 184-18.
- Procter, John R.: See—
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- Procter, Ronald R., to The Pure Oil Co. Differential pressure indicator. 2,850,901, 9-9-58, Cl. 73-412.
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- Procter and Schwartz, Inc.: See—
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- Procter, Sidney E., to Austin Hov and Co. Ltd. Tool-carrying chains. 2,865,621, 12-23-58, Cl. 262-33.
- Procter, Thomas D. Wrecker frame attachment. 2,843,360, 7-15-58, Cl. 254-139.1.
- Prodanovich, Jack. Underwater sport fishing gun and harpoon. 2,819,674, 1-14-58, Cl. 102-48.
- Producers Cotton Oil Co. of Arizona: See—
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- Product Packaging Engineering: See—
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- Production Pattern & Foundry Co.: See—
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- Productive Equipment Co.: See—
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- Progress Mfg. Co., Inc.: See—
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- Progressive Service Co.: See—
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- Progressive Welder Sales Co.: See—
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- Proksa, John R. Cutting tool holder. 2,860,402, 11-18-58, Cl. 29-96.
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- Prophet, Otto O., to General Electric Co. Alarm clock movement. 2,859,583, 11-11-58, Cl. 58-22.
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- Propst, Robert L., to Beauty Products, Ltd. Joint connection. 2,846,737, 8-12-58, Cl. 20-92.
- Propst, Robert L., to Beauty Products, Ltd. Merry-go-round for playgrounds and the like. 2,848,231, 8-19-58, Cl. 272-42.
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- Proschmann, Max: *See*—
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- Prosser, George W., to American Lithofold Co. Business machine form. 2,832,611, 4-29-58, Cl. 283-66.
- Protectoseal Co., The: *See*—
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- Protein Foundation, Inc.: *See*—
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- Protex Weatherstrip Mfg. Co.: *See*—
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- Protz, Edward H., ½ to M. J. McCarthy. Snap-acting element and method of making same. 2,825,960, 3-11-58, Cl. 29-155,55.
- Proulx, Donald R.: *See*—
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- Provençal, Ralph J.: *See*—
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- Provost, Raoul L., to United States Rubber Co. Method for the incorporation of lignin into synthetic rubber. 2,844,549, 7-22-58, Cl. 260-17,5.
- Provost, Virgile E. Hanger. 2,846,176, 8-5-58, Cl. 248-317.
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- Proxmire, Harry J.: *See*—
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- Proxmire, Harry J., and R. H. Dierstein, to General Electric Co. Bushing support for electrical apparatus. 2,862,043, 11-25-58, Cl. 174-152.
- Prucha, Frank M., to General Motors Corp. Ring assembly fixture. 2,865,091, 12-23-58, Cl. 29-222.
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- Pruess, Clarence F., Sr. Bowling alley bridge. 2,826,771, 3-18-58, Cl. 14-72.
- Prueter, Clarence, to Supreme Products Corp. Hair clipper base plate. 2,860,413, 11-18-58, Cl. 30-223.
- Prugh, Thomas A., to United States of America, Army. Transistor multivibrator. 2,850,630, 9-2-58, Cl. 250-36.
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- Pruitt, George H., Sr. Display device. 2,821,801, 2-4-58, Cl. 40-139.
- Pruitt, Lloyd S. Telescoping trailer hitch. 2,833,563, 5-6-58, Cl. 280-482.
- Pruitt, Malcolm E.: *See*—
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- Pruitt, Vestus E. Shale shaker. 2,848,109, 8-19-58, Cl. 209-234.
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- Pruner, Maurice J. Drill bit grinder. 2,829,473, 4-8-58, Cl. 51-219.
- Pruner, Ronald L. Viewer. 2,859,548, 11-11-58, Cl. 40-63.
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- Prushnok, John P., G. P. Jorno, and A. L. Yeager. Dish and fastening means therefor. 2,850,079, 9-2-58, Cl. 155-127.
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- Prust, Alvin F., to Republic Steel Corp. Method of treating galvanized metal to inhibit corrosion. 2,859,146, 11-4-58, Cl. 148-615.
- Prutton, Carl F., to The Lubrizol Corp. Method of alkylating. 2,843,631, 7-15-58, Cl. 260-612.
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- Pryne, Ralph, to Emerson-Pryne Co. Ventilating hood construction. 2,839,987, 6-24-58, Cl. 98-115.
- Pryor, Lucien W., to General Motors Corp. Rear view mirror. 2,862,419, 12-2-58, Cl. 88-98.
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- Pryor, William A.: *See*—
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- Pryslak, Nicholas E.: *See*—
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- Publicker Industries Inc.: *See*—
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- Puccinelli, Silvio: *See*—
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- Puckett, Henry A. Earth working attachment for tractor. 2,820,405, 1-21-58, Cl. 97-9.
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- Puckett, Robert L.: *See*—
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- Puda, Chester K.: *See*—
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- Puddy, Jesse M. Auxiliary brakes for trailers. 2,848,074, 8-19-58, Cl. 188-112.
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- Puetz, Eckard J.: *See*—
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- Puggard, Louis A. Connecting means for tripod-supported devices. 2,823,003, 2-11-58, Cl. 248-186.
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- Pugh, John G.: See—
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- Punderson, John O., to E. I. du Pont de Nemours and Co. Manufacture of diketones. 2,822,399, 2-4-58, Cl. 260-593.
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- Purinton, Harold G., to Bendix Aviation Corp. Short pulse generator. 2,846,576, 8-5-58, Cl. 250-27.
- Purulator Products, Inc.: *See*—
 Dudinec, Emery. 2,843,269.
 Forman, Herbert L., and Burla. 2,826,309.
 Searle, Bourquin E. 2,857,052.
 Sebok, Joseph B. 2,834,419.
 Sebok, Joseph B. 2,848,065.
 Sebok, Joseph B., and Sendelbach. 2,822,885.
- Pursall, Francis Walter: *See*—
 Bunbury, Frederick M., and Pursall. 2,848,321.
- Pursche, Harry A. Two-way plow with universal tool head. 2,845,014, 7-29-58, Cl. 97-26.
- Purse, John H.: *See*—
 Feild, Theophilus A., Jr., Schoonover, and Purse. 2,859,086.
- Pursell, Robert T., to Stone & Webster Engineering Corp. Method of welding pipes ends together. 2,819,517, 1-14-58, Cl. 29-483.
- Purtzer, Edward J. Portable barbecue. 2,833,205, 5-6-58, Cl. 99-421.
- Purviss, John L., to ACF Industries, Inc. Elevated work support attachment for bandsaw machine. 2,821,215, 1-28-58, Cl. 143-132.
- Purviss, Joseph L., to International Minerals & Chemical Corp. Process for production of glutamic acid. 2,833,786, 5-6-58, Cl. 260-343.6.
- Purviss, Joseph L., to International Minerals & Chemical Corp. Process for production of glutamic acid. 2,837,532, 6-3-58, Cl. 260-326.3.
- Purviss, Joseph L., and B. Vassel, to International Minerals & Chemical Corp. Process for producing monosodium glutamate crystals. 2,834,805, 5-13-58, Cl. 260-534.
- Purviss, Joseph T., and R. M. Sachs, to A. V. Roe, Canada, Ltd. Turbine disc and blade mounting. 2,841,363, 7-1-58, Cl. 253-77.
- Puryear, Oney P.: *See*—
 Dilworth, John P., Puryear, and Ashburn. 2,822,331.
 Jordan, Terence B., and Puryear. 2,859,181.
- Pusch, Walter H.: *See*—
 Stevens, Elbert M., and Pusch. 2,832,481.
- Puschhof, Siegfried: *See*—
 Feichtinger, Hans, Puschhof, and Tummes. 2,851,484.
- Pusev, Leonard W., to Globe Ticket Co. Apparatus for printing labels. 2,828,688, 4-1-58, Cl. 101-93.
- Putetti, Anthony M., to The Waterbury Farrel Foundry & Machine Co. Combined blank hold-down means and hurr-removing mechanism for screw slotting machines. 2,852,788, 9-23-58, Cl. 10-6.
- Putman, Laurel E., and R. E. Turner, said Turner assor. to Mine Safety Appliances Co., and said Putman assor. to Superior Air Products Co. Container. 2,845,199, 7-29-58, Cl. 220-15.
- Putman, Scott J.: *See*—
 Wickham, Elmerie R. 2,846,227.
- Putnam, F. A., Mfg. Co., Inc.: *See*—
 Johnson, Carl R. 2,863,383.
- Putnam, Stephen R. Sundial. 2,846,768, 8-12-58, Cl. 33-62.
- Putney, David H., to Stratford Engineering Corp. Method for recovering spent alkylation acid. 2,857,247, 10-21-58, Cl. 23-173.
- Putt, Joseph W., to Valley White Truck Co.-Wyoming Valley Equipment Division. Rotary drilling apparatus. 2,856,155, 10-14-58, Cl. 255-19.
- Putter, Rolf: *See*—
 Dittmar, Gerhard, and Putter. 2,830,042.
 Suckfull, Fritz, Putter, and Nickel. 2,861,064.
- Putz, Frank. Speed responsive clutch. 2,851,893, 9-16-58, Cl. 74-230.17.
- Putzrath, Franz L., and K. Solomon, to Radio Corp. of America. Automatic gain control system. 2,857,482, 10-21-58, Cl. 179-171.
- Puvogel, Willy. Variable gear with automatic regulation. 2,826,924, 3-18-58, Cl. 74-190.5.
- Puzine, Bernard. Tool for forming and securing sinker to fisherman's line. 2,853,722, 9-30-58, Cl. 7-5.4.
- Pyciak, Roman J., to Kent-Moore Organization, Inc. Shaft aligning gauge. 2,842,859, 7-15-58, Cl. 33-181.
- Pycroft, Henry L., and S. Reader, to Newton and Pycroft Ltd. Lace making machinery. 2,850,938, 9-9-58, Cl. 87-027.
- Pye, David J., and G. F. Schurz, to The Dow Chemical Co. Electrowinning of metals. 2,853,444, 9-23-58, Cl. 204-108.
- Pye Ltd.: *See*—
 Dalglish, James W., and Roman. 2,842,645.
 Holmes, Frank C. 2,842,625.
 O'Dwyer, Martin T., and Dill. 2,864,889.
 Shute, Ralph A. 2,834,885.
 Theile, Richard. 2,853,648.
 Wiegierneck, Hendrikus T. J. 2,866,093.
- Pye Marine Ltd.: *See*—
 Schutz, Nicolas P., and Woodgate. 2,853,824.
- Pyk, Herman T., to Atlas Copco Aktiebolag. Hammer pistons for percussion machines and tools. 2,820,433, 1-21-58, Cl. 121-31.
- Pyk, Sven C., and H. Viktorsson. Titanium electrodes for spark plugs. 2,848,640, 8-19-58, Cl. 313-141.
- Pyle, Edwin C., and S. S. Northington, to Halliburton Oil Well Cementing Co. Pneumatically operated system. 2,850,329, 9-2-58, Cl. 302-53.
- Pyle, John C. Appliance for ease of handling and protection of parts of a television chassis during transportation, repair and testing of the same. 2,839,745, 6-17-58, Cl. 340-367.
- Pyle-National Co., The: *See*—
 Archer, Lee A., Bartnicki, Tinsman, and Feustel. 2,824,290.
 Burns, Lester W. 2,845,855.
 Heehler, Arthur C., and Ganzert. 2,846,663.
 Kurek, Edwin J. 2,845,854.
 Wulle, William A. 2,861,510.
- Pyle, William D., 1/2 to E. C. Tharp. Watch vise. 2,828,655, 4-1-58, Cl. 81-6.
- Pyne, William J., to Diamond Alkali Co. N-(2-pyridyl)-tetrachlorophthalimide, process and use as insecticide. 2,838,438, 6-10-58, Cl. 167-33.
- Pyne, William J., to Diamond Alkali Co. Treating plants with the systemically active fungicide, lower alkyl, 2-(3,3,3-tribromo-2-hydroxypropyl)-pyridine. 2,863,802, 12-9-58, Cl. 167-33.
- Pyramid Mfg. Co. Inc.: *See*—
 King, Lawrence. 2,822,602.
- Pyramid Rubber Co., The: *See*—
 Boston, Frank E., and Shomock. 2,834,496.
- Pyror Ltd.: *See*—
 Aannerud, Sigurd A. 2,821,461.
 Aannerud, Sigurd A. 2,844,533.
- Pyuro, John W.: *See*—
 Kuiper, Gerhard C. R., and Pyuro. 2,860,913.
- Q-O-S Corp.: *See*—
 Milinowski, Arthur S. 2,837,709.
- Q-Tips, Inc.: *See*—
 La Padura, Margaret J. 2,847,119.
- Quaas, Joseph: *See*—
 Wasserman, Rene D., and Quaas. 2,820,725.
 Wasserman, Rene D., and Quaas. 2,820,732.
 Wasserman, Rene D., and Quaas. 2,855,335.
- Quackenbush, Henry: *See*—
 Stewart, Edward L., Brewton, and Quackenbush. 2,819,542.
- Quade, Edward A., to International Business Machines Corp. Positioning mechanism of the servo type. 2,825,859, 3-4-58, Cl. 318-28.
- Quade, Edward A., to International Business Machines Corp. Magnetic transducer. 2,854,525, 9-30-58, Cl. 179-100.2.
- Quaedvlieg, Mathieu: *See*—
 Boresch, Carl, Hagge, and Quaedvlieg. 2,859,186.
 Hagge, Walter, Quaedvlieg, and Hempel. 2,844,608.
 Hempel, Herbert, Quaedvlieg, Hintzmann, and Dahmen. 2,832,795.

- Quaely, Martin F., to Westinghouse Electric Corp. Electro-depositing black chromium-vanadium coatings and members therewith. 2,824,829, 2-25-58, Cl. 204-43.
- Quaintance, Lovey N. Inflatable dress form. 2,823,838, 2-18-58, Cl. 223-67.
- Quaker Oats Co., The: *See*—
- Atwood, Harold B., and Wilson. 2,818,888.
- Brown, Lloyd H., and Reineck. 2,830,971.
- Brown, Lloyd H., Reineck, and Huett. 2,840,543.
- Dunlop, Andrew P., and Schegulla. 2,838,523.
- Dunlop, Andrew P., and Sherman. 2,821,553.
- Grogg, William, Jr. 2,823,786.
- Grogg, William, Jr., and M. P. Wineberg. 2,860,276.
- Johnson, Herbert B. 2,839,189.
- Quaker Sales Corp.: *See*—
- Houle, Ernest A. 2,861,519.
- Quality Stamping Products Co.: *See*—
- Nayman, Alvin A. 2,831,281.
- Quaker Stretcher Co.: *See*—
- Block, Walter W. 2,851,166.
- Qualheim, Robert R.: *See*—
- Kriva, John A., and Qualheim. 2,833,108.
- Qualien, Raymond J., and G. D. Robertson, to the United States of America as represented by the Secretary of the Navy. Limit switch system for servo-motor circuits. 2,828,458, 3-25-58, Cl. 318-264.
- Qualley, Ray W., to The Coleman Co., Inc. Oil burner electric igniter. 2,862,547, 12-2-58, Cl. 158-91.
- Quandt, Hans H., to R. Mohr. Method of welding thermo-plastic container parts. 2,833,683, 5-6-58, Cl. 154-83.
- Quant, Johannes T.: *See*—
- Tadema, Harco J., and Quant. 2,863,510.
- Quartullo, Orpheus F.: *See*—
- Baade, Henry, and Quartullo. 2,856,859.
- Quartz et Electronique: *See*—
- Ianouchevsky, Wladimir. 2,831,989.
- Quartz & Silice S. A.: *See*—
- George, Henri J. C. 2,852,891.
- Quarzlampen Gesellschaft m. b. H.: *See*—
- Staeger Rudolf, and Steinmeyer. 2,860,875.
- Quast, Gilbert W.: *See*—
- Lind, Arthur C., Quast, and Koeske. 2,863,564.
- Strehlow, Robert W., and Quast. 2,836,369.
- Quast, Gilbert W., and T. J. Koeske, to Chain Belt Co. Scum pipe revolving mechanism. 2,863,565, 12-9-58, Cl. 210-540.
- Quate, Calvin F.: *See*—
- Cutler, Cassius C., Mendel, and Quate. 2,840,752.
- Quate, Calvin F., to Bell Telephone Laboratories, Inc. Traveling wave tube. 2,823,333, 2-11-58, Cl. 315-3.6.
- Quate, Calvin F., to Bell Telephone Laboratories, Inc. Traveling wave tube. 2,844,753, 7-22-58, Cl. 315-3.5.
- Quate, Calvin F., and J. W. Sullivan, to Bell Telephone Laboratories, Inc. High frequency apparatus. 2,849,650, 8-26-58, Cl. 315-3.5.
- Quatman, George B., to General Telephone Laboratories, Inc. Paystation line equipment. 2,835,738, 5-20-58, Cl. 179-6.3.
- Quatman, George B., to General Telephone Laboratories, Inc. Toll switching system. 2,839,612, 6-17-58, Cl. 179-27.
- Quatman, George B., to General Telephone Laboratories, Inc. Digit absorbing selector circuit. 2,839,281, 11-4-58, Cl. 179-18.
- Quatrum Corp.: *See*—
- Vilutis, Leonard J. 2,837,979.
- Quattrin, Sante. Club for slinging or hurling a ball. 2,856,190, 10-14-58, Cl. 273-193.
- Quave, Andrew C., $\frac{1}{2}$ to R. C. Saunders. Egg cracking device. 2,823,715, 2-18-58, Cl. 146-2.
- Quayle, George F., to The Yale & Towne Mfg. Co. Extendible fork truck. 2,819,811, 1-14-58, Cl. 214-750.
- Quayle, George F., to The Yale & Towne Mfg. Co. Gear shift for industrial truck. 2,853,889, 9-30-58, Cl. 74-477.
- Quebec Iron and Titanium Corp.: *See*—
- Ensio, Peter J. 2,853,375.
- Hatch, Gerald G., and Ensio. 2,822,256.
- Quebec Metallurgical Industries Ltd.: *See*—
- Richardson, Bruce F. 2,829,046.
- Queck, Johann: *See*—
- Scherer, Otto, and Queck. 2,861,032.
- Queen Stove Works, Inc.: *See*—
- Nelson, Marcus L., and Roberts. 2,825,209.
- Quemore, William J., Sr. Children's amusement ride. 2,862,711, 12-2-58, Cl. 272-43.
- Queneau, Paul E., and A. Illis, to The International Nickel Co., Inc. Treatment of nickel-containing laterite ores. 2,850,376, 9-2-58, Cl. 75-82.
- Querengasser, Hugo: *See*—
- Timmerheil, Helmut, Querengasser, and Krauss. 2,865,735.
- Querengasser, Hugo, W. Wild, F. Bronstert, J. Sindel, and F. Hentschel, to Pertrix-Union G. m. b. H. Flat-type electrolytic dry cell for use in primary batteries. 2,842,608, 7-8-58, Cl. 136-111.
- Quermann, Thomas R., to United Aircraft Corp. Buoyed rate gyroscope. 2,865,206, 12-23-58, Cl. 74-5.5.
- Quick, James L., to Quick Mfg., Inc. Tine for power driven tiller. 2,847,924, 8-19-58, Cl. 97-217.
- Quick Mfg., Inc.: *See*—
- Quick, James L. 2,847,924.
- Quick, Robert G., to Flight Research, Inc. Motion transmitting devices. 2,835,135, 5-20-58, Cl. 74-222.
- Quick, Thomas E. Exhaust fan means. 2,843,036, 7-15-58, Cl. 98-43.
- Quick, Thomas E. Thrust augmentation means for jet propulsion engines. 2,851,853, 9-16-58, Cl. 60-35.6.
- Quick, Thomas E. Fluid moving means. 2,866,594, 12-30-58, Cl. 230-117.
- Quigley, Francis T., and R. J. Bisso, to Sylvania Electric Products Inc. Frequency converter tube. 2,837,673, 6-3-58, Cl. 313-69.
- Quilici, Gino R.: *See*—
- Kost Alwin, and Quilici. 2,860,434.
- Quill, Charles J. Alternating current rectifier. 2,850,693, 9-2-58, Cl. 321-50.
- Quill, Laurence L.: *See*—
- Birdwhistell, Ralph K., Johnson, and Quill. 2,862,575.
- Quilter, John R. C., and H. Q. A. Reeves, deceased (S. Reeves, executrix). Pressurized helmet for aviators. 2,861,567, 11-25-58, Cl. 128-141.
- Quilter, John R. C., and H. Q. A. Reeves, deceased (S. Reeves, executrix). Pressurized helmet for aviators. 2,861,568, 11-25-58, Cl. 128-141.
- Quimby, John I. Accelerator operated stop signal. 2,832,863, 4-29-58, Cl. 200-61.89.
- Quimby, Oscar T.: *See*—
- McCune, Homer W., and Quimby. 2,864,770.
- Quimby, Ralph A., to The Heald Machine Co. Internal grinding machine. 2,818,687, 1-7-58, Cl. 51-95.
- Quimby, Robert S., to Raytheon Mfg. Co. Locking devices for bushings and structures thereof. 2,854,503, 9-30-58, Cl. 174-148.
- Quin, Denis C., to The Distillers Co. Ltd. Process for the manufacture of carbinols. 2,854,487, 9-30-58, Cl. 260-618.
- Quin, James P., to Imperial Chemical Industries Ltd. Method of producing titanium in an agitated solids bed. 2,827,371, 3-18-58, Cl. 75-26.
- Quinby, Edwin J., to Monroe Calculating Machine Co. Dial reading device. 2,855,585, 10-7-58, Cl. 340-174.
- Quinche, Albert, and E. Lecluyse, to Uni-Tubo S. A. Dispensing plug seal. 2,819,825, 1-14-58, Cl. 222-215.
- Quincy Compressor Co.: *See*—
- Pfeifer, George F. 2,826,219.
- Quincy, Ross R., to Esso Research and Engineering Co. Contacting finely divided solids and gasiform materials. 2,857,240, 10-21-58, Cl. 23-1.
- Quincy Syrian Baking Co., Inc.: *See*—
- Mason, Charles O. M. 2,834,407.
- Quinlan, Charles W. Lounge booth-type seats. 2,824,599, 2-25-58, Cl. 155-112.
- Quinn, Bayard E.: *See*—
- Dudzick, Chester J., and Quinn. 2,847,900.
- Quinn, Bert A. Door latching mechanism. Re. 24,426, 2-4-58, Cl. 292-67.
- Quinn, Edward: *See*—
- MacKenzie, Fred T., and Quinn. 2,844,832.
- Quinn, Edward, to United Shoe Machinery Corp. Sheet transferring mechanisms. 2,828,494, 4-1-58, Cl. 12-1.
- Quinn, Edward, to United Shoe Machinery Corp. Heel and lasting mechanisms. 2,846,702, 8-12-58, Cl. 12-12.3.
- Quinn, Edward, to United Shoe Machinery Corp. Slip lasted shoe the parts of which are united by a single locally reinforced seam. 2,853,807, 9-30-58, Cl. 36-19.5.
- Quinn, Evan V., and Evan V. Quinn, Jr., to Unistel Textile Machine Corp. Slasher winding mechanism and rotating beam positioner. 2,856,671, 10-21-58, Cl. 28-28.
- Quinn, Evan V., Jr.: *See*—
- Quinn, Evan V., and Evan V. Quinn, Jr. 2,856,671.
- Quinn, John F.: *See*—
- Godt, Henry C., Jr., and Quinn. 2,851,490.
- Godt, Henry C., Jr., Quinn, and Raffelson. 2,851,489.
- Quinn, John H., Jr.: *See*—
- Shaw, Robert E., Walker, and Quinn. 2,864,938.
- Quinn, Joseph A. Automatic safety window grill. 2,829,712, 4-8-58, Cl. 160-102.
- Quinn, Neville R. L., and A. D. Carmichael, to Bristol Aero-Engines Ltd. Gas turbine engines. 2,830,751, 4-15-58, Cl. 230-114.
- Quinn, Ross A.: *See*—
- Langworthy, James H., and Quinn. 2,845,474.
- Quint, Bernard H. J., to The Plessey Co. Ltd. Bobbin supporting device for textile spinning and like machines. 2,833,490, 5-6-58, Cl. 242-130.2.
- Quint, Bernard H. J., to The Plessey Co. Ltd. Variable resistors and potentiometers. 2,859,314, 11-4-58, Cl. 201-55.
- Quint, William M. Steering coordination means. 2,854,254, 9-30-58, Cl. 280-442.
- Quintana, Edward M., to Inca Metal Products Corp. Bed frame construction. 2,857,602, 10-28-58, Cl. 5-202.
- Quiquerez, Joseph M.: *See*—
- Gislon, Andre, and Quiquerez. 2,823,173.
- Quirin, E. Lafayette: *See*—
- Angell, Elvin D. 2,853,172.
- Quirk, Douglas W., to General Electric Co. Electric baking and broiling ovens. 2,850,612, 9-2-58, Cl. 219-35.
- Quirk, B. James: *See*—
- Fennerty, John A. 2,828,073.
- Quirk, Justin P. Shoe heels. 2,852,864, 9-23-58, Cl. 36-34.
- Quirk, Justin P. Shoe heel mounting. 2,852,866, 9-23-58, Cl. 36-42.

- Quirk, Robert W., to Hughes Aircraft Co. Magnetic tape position indicating device. 2,853,574, 9-23-58, Cl. 200-81.
- Quirk, Robert W., to Hughes Aircraft Co. Tape storage systems. 2,855,196, 10-7-58, Cl. 270-79.
- Quiroz, Francisco A. Liquid level control. 2,842,970, 7-15-58, Cl. 74-18.1.
- Quisling, Sverre. Interlocking fastener. 2,828,520, 4-1-58, Cl. 24-140.
- Quist, Clifford M. Horse trailer. 2,825,301, 3-4-58, Cl. 119-15.
- Quist, Harold A., to Sun Oil Co. U-tube manometer. 2,836,067, 5-27-58, Cl. 73-401.
- Quist, Harold A., to Sun Oil Co. Magnetized bob operated gauge hatch. 2,847,762, 8-19-58, Cl. 33-126.5.
- Quist, Harold A., to Sun Oil Co. Jet action relief valve. 2,848,011, 8-19-58, Cl. 137-248.
- Quist, Harold A., to Sun Oil Co. Liquid level measuring apparatus. 2,851,883, 9-16-58, Cl. 73-316.
- Quist, Harold A., to Sun Oil Co. Spheroid vacuum relief valve. 2,856,953, 10-21-58, Cl. 137-467.
- Quist, Hazel M.: *See*—
- Geen, Henry C., and Quist. 2,839,482.
- Quist, James D.: *See*—
- Geen, Henry C., and Quist. 2,839,482.
- Quoniam, Jean, to Saarbergwerke. Mining stall loading machines. 2,838,005, 10-28-58, Cl. 198-7.
- Quoos, Kurt, and P. Urban. Squeeze roll apparatus. 2,851,869, 9-16-58, Cl. 68-258.
- Quoss, Henry N. Sealing threshold. 2,839,796, 6-24-58, Cl. 20-64.
- Quoss, Henry N. Combined threshold and door-bottom seal. 2,846,736, 8-12-58, Cl. 20-64.
- Quoss, Henry N. Threshold with weather seal. 2,862,261, 12-2-58, Cl. 20-64.
- Quyle, Martin E. Fishing lure. 2,834,141, 5-13-58, Cl. 43-42.06.
- Qvefander, Tor G. Method of feeding wood into continuously operating grinders for the production of wood pulp. 2,843,278, 7-15-58, Cl. 214-152.
- R. B. Production and Engineering Co. Ltd.: *See*—
- Rigg, Ernest W. D. 2,866,307.
- R E F Mfg. Corp.: *See*—
- Paulding, David L. 2,853,208.
- R. and E. Molding Corp.: *See*—
- Ortis, Charles, and Spertus. 2,850,294.
- R & E Moulding Corp.: *See*—
- Jordan, Robert O. 2,857,618.
- R. S. L. Shuttlecocks Co., Ltd.: *See*—
- Wolf, James E. 2,853,302.
- R T & E Corp.: *See*—
- Link, Edwin A. 2,846,495.
- R-W Mfg. Co., The: *See*—
- Lawton, William R. 2,857,931.
- Raabe, Herbert P., to the United States of America as represented by the Secretary of the Air Force. Spectrum analyzer. 2,820,173, 1-14-58, Cl. 315-9.
- Raabe, Herbert P., to United States of America, Air Force. Two-channel rotary wave guide joint. 2,835,871, 5-20-58, Cl. 333-9.
- Raak, Bently, to Vari-Typer Corp. Typewriter. 2,820,539, 1-21-58, Cl. 197-135.
- Raack, Harry E., and C. R. Sartoris, to The Goodyear Tire & Rubber Co. Apparatus for stacking tile. 2,866,562, 12-30-58, Cl. 214-6.
- Raasch, Maynard S., to E. I. du Pont de Nemours and Co. α , α -difluoro-substituted acids of the tricarboxylic acid cycle, their salts, amides and esters. 2,824,888, 2-25-58, Cl. 260-483.
- Raba, Andrew L. Grass cutter. 2,831,308, 4-22-58, Cl. 56-26.
- Rabatin, Joseph T.: *See*—
- Haimsohn, Jerome N., Bashour, and Rabatin. 2,859,249.
- Lukes, George E., and Rabatin. 2,861,103.
- Rabben, Ellis L. Photogrammetric caliper. 2,842,846, 7-15-58, Cl. 33-1.
- Rabbitt, James R., to National Controls, Inc. Humidifying head. 2,825,602, 3-4-58, Cl. 299-59.
- Rabbitts, Fred T.: *See*—
- Thunaeas, Arvid, Rabbitts, Hester, and Smith. 2,863,716.
- Rabenda, Edward J., to International Business Machines Corp. Decimal and binary self-complementing gas tube counter. 2,822,506, 2-4-58, Cl. 315-84.6.
- Rabenda, Edward J., to International Business Machines Corp. Self complementing accumulating machine. 2,829,830, 4-8-58, Cl. 235-61.6.
- Rabette, Jean Y., $\frac{1}{2}$ to H. C. Compton and R. A. Schaumlöffel. Remote lighting system. 2,822,508, 2-4-58, Cl. 315-248.
- Rabeux, Jean, and B. Masson, to Societe d'Applications Generales d'Electricite & de Mecanique. Weft compressing motion for circular looms. 2,823,704, 2-18-58, Cl. 139-13.
- Rabeux, Jean, and B. Masson, to Societe d'Applications Generales d'Electricite & de Mecanique. Drawing-off mechanism for a loom and a method for the weaving of cloth on a loom. 2,823,707, 2-18-58, Cl. 139-309.
- Rabin Co., The: *See*—
- West, Donald E. 2,858,659.
- Rabin, Stanley F.: *See*—
- Menkin, Benjamin D., Rabin, and Scisorek. 2,846,313.
- Rabinow, Jacob. Constant periodic motion device. 2,820,338, 1-21-58, Cl. 58-29.
- Rabinow, Jacob. Color discriminating headlight dimmer. 2,827,594, 3-18-58, Cl. 315-83.
- Rabinow, Jacob. Headlight dimmer combined with automobile light. 2,844,760, 7-22-58, Cl. 315-83.
- Rabinow, Jacob, to Telautograph Corp. Telescribing apparatus. 2,847,502, 8-12-58, Cl. 178-18.
- Rabinow, Jacob. Fluid operated switch. 2,855,473, 10-7-58, Cl. 200-19.
- Rabinow, Jacob. Self-actuated automatic regulation of time-pieces. 2,858,029, 10-28-58, Cl. 58-109.
- Rabinow, Jacob. Scanning type headlight dimmer. 2,863,064, 12-2-58, Cl. 250-235.
- Rabinow, Jacob, L. M. Andrews, and J. W. Bowling, to United States of America, Army. Inertia and air-operated arming mechanism. 2,839,998, 6-21-58, Cl. 102-81.2.
- Rabinow, Jacob, E. C. Bailey, and F. H. Shepard, Jr., to United States of America, Navy. Servo control mechanism. 2,849,197, 8-26-58, Cl. 244-14.
- Rabinowitz, Irving: *See*—
- Jorick, Paul, Jr. 2,858,631.
- Rabinowitz, Mildred H. Pony tail hair clasp and ornament. 2,847,016, 8-12-58, Cl. 132-48.
- Rabjohn, Norman, to Curators of the University of Missouri. β -substituted aminoalkyl 2,6-dialkyl-substituted benzoates and method of making the same. 2,831,016, 4-15-58, Cl. 260-477.
- Raboissou, Joseph, to "Manufacture Alsacienne de Broches." Lubricating arrangements for textile spinning rings. 2,830,433, 4-15-58, Cl. 57-120.
- Rabun, Louis J., $\frac{1}{2}$ to R. H. Superior. Meat patty roller. 2,827,659, 3-25-58, Cl. 17-32.
- Race, Austin T., Jr., to Race & Race, Inc. Grooved and internally reinforced pipe end. 2,821,415, 1-28-58, Cl. 285-112.
- Race, Clarence F.: *See*—
- Sunko, John, and Race. 2,840,793.
- Race, George A. Garden fertilizer sower. 2,861,721, 11-25-58, Cl. 222-246.
- Race & Race, Inc.: *See*—
- Race, Austin T., Jr. 2,821,415.
- Race, William F. Wheel alignment tool. 2,846,774, 8-12-58, Cl. 33-203.
- Race, William J., to Motorola, Inc. Tuner. 2,866,898, 12-30-58, Cl. 250-40.
- Racely, Kermit L., to Dover Corp. Automatic locking device. 2,856,028, 10-14-58, Cl. 187-76.
- Rachefer, George R., to Rheem Mfg. Co. Laundry dryer. 2,827,276, 3-18-58, Cl. 263-33.
- Rachlin, Joel R. Air-flow ceiling arrangements. 2,859,681, 11-11-58, Cl. 98-40.
- Rachman, Isadore B., and S. Bobb, to H & L Realty Corp. Braced leg construction and method of forming same. 2,862,778, 12-2-58, Cl. 311-98.
- Racicot, Albert R., to National Brush Co. Scraper and squeegee device for clearing windows of snow and ice. 2,856,621, 10-21-58, Cl. 15-105.
- Racine Confectioners Machinery Co.: *See*—
- Genich, William H. 2,827,862.
- Racine, Gilbert, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Combustion devices especially suitable for gas turbine engines and propulsion units for aircraft. 2,825,205, 3-4-58, Cl. 60-39.15.
- Racine Hydraulics & Machinery, Inc.: *See*—
- Kind, Frederick H. 2,855,862.
- Racine Industrial Plant, Inc.: *See*—
- Rench, Harry D., Harris, Kelm, and Massie. 2,842,788.
- Rackham, Ronald H.: *See*—
- Fountain, Guy R., Livingstone, and Rackham. 2,820,525.
- Rackleiff, Ellis L. Method of forming a milk sampling tube. 2,824,032, 2-18-58, Cl. 154-83.
- Racklyeft, Carl E., to Acton Mfg. Co., Inc. Refrigeration compressor. 2,846,138, 8-5-58, Cl. 230-152.
- Rada, Istvan T., and J. Ferenczy, to Licencia Talalmanyakot Ertekesito Vallalat. Apparatus for testing doughs. 2,866,334, 12-30-58, Cl. 73-169.
- Rada Products Co.: *See*—
- Nelson, Kenneth W. 2,855,256.
- Sonderstrup, Christian A. 2,855,255.
- Radanof, Joseph W. Mixing faucet valve. 2,850,041, 9-2-58, Cl. 137-625.41.
- Radcliff, Clarence W.: *See*—
- Arvanetakis, Kiryako, and Radcliff. 2,847,580.
- Radcliffe, Arthur J., Jr., to International Telephone and Telegraph Corp. Diode gate and its control circuit. 2,841,719, 7-1-58, Cl. 307-88.5.
- Radcliffe, Arthur J., Jr., to International Telephone and Telegraph Corp. Negative-impedance transistor oscillator. 2,852,680, 9-16-58, Cl. 250-36.
- Radcliffe, Arthur J., Jr., and A. R. Denz, to International Telephone and Telegraph Corp. Condenser-timed delayed signal repeater. 2,830,128, 4-8-58, Cl. 179-84.
- Radcliffe, Charles A.: *See*—
- Coslow, Carl W., Pepperdine, and Radcliffe. 2,842,996.
- Radcliffe, Frederick R.: *See*—
- Mallery, Charles G., and Radcliffe. 2,852,212.
- Radd, Frederick J.: *See*—
- De Witte, Leendert and Radd. 2,847,070.
- McGlasson, Robert L., and Radd. 2,827,425.
- Radd, Frederick J., D. A. Shock, and J. D. Sudbury, to Continental Oil Co. Rust preventive composition. 2,861,692, 11-25-58, Cl. 106-14.
- Radde, Frank E., to United States of America, Army. Face type headrest. 2,852,975, 9-23-58, Cl. 88-1.

- Raddin, Franklin M., to Monroe Calculating Machine Co. Mounting means for magnetic transducing heads. 2,859,084, 11-4-58, Cl. 346-74.
- Rade, Henry R., to Union Carbide Corp. Anodes. 2,828,351, 3-25-58, Cl. 136-126.
- Rademacher, Leo E.: *See*—
Cohen, Oscar P., Culbertson, and Rademacher. 2,861,071.
- Rademacher, Leo E., to Monsanto Chemical Co. Process for the production of monophenylmelamine. 2,861,070, 11-18-58, Cl. 260-249.6.
- Radencic, Frank J. Repeat apparatus for holding negatives used in lithography. 2,825,976, 3-11-58, Cl. 33-184.5.
- Rader, Lee P. Method of rolling metal. 2,825,251, 3-4-58, Cl. 80-60.
- Rader, Oscar L.: *See*—
Cole, Clayton K., and Rader. 2,827,778.
- Radford, Arthur A. Steam boiler construction. 2,834,323, 5-13-58, Cl. 122-114.
- Radford, Stephen. Flower pot. 2,863,259, 12-9-58, Cl. 47-38.
- Radial Feeder Co.: *See*—
Kast, Samuel H. 2,828,053.
- Radiant Corp.: *See*—
Gray, Donald E. 2,825,240.
- Radiant Products, Inc.: *See*—
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- Radiation, Inc.: *See*—
Searcy, John H.
- Radiation Research Corp.: *See*—
Coleman, John H. 2,859,361.
- Radimer, Kenneth J., to Minnesota Mining and Mfg. Co. Process for the production of fluorine-containing compounds. 2,841,544, 7-1-58, Cl. 204-62.
- Radin, Alexander J. Optical device. 2,831,481, 4-22-58, Cl. 128-76.5.
- Radio Condenser Co.: *See*—
Heselwood, James C. 2,866,093.
- Teaf, John H. 2,848,900.
- Radio Corp. of America: *See*—
Achenbach, John C. 2,64,946.
- Adelman, William M., and Schneider. 2,844,781.
- Allwine, Harrison S. 2,850,658.
- Allwine, Harrison S. 2,850,659.
- Allwine, Harrison S. 2,866,127.
- Andres, Roy K., and Backus. 2,840,815.
- Andrews, Dallas R. 2,836,714.
- Andrews, Dallas R. 2,866,857.
- Arams, Frank R. 2,827,627.
- Armstrong, Lorne D., and Bentivengna. 2,833,678.
- Armstrong, Lorne D., and Kuznetsoff. 2,850,444.
- Aronson, Albert I. 2,847,519.
- Artzt, Maurice. 2,839,719.
- Avins, Jack. 2,844,739.
- Ayres, William R. 2,844,309.
- Ayres, William R., and Smith. 2,828,416.
- Baer, John S., and Oberdorf. 2,819,020.
- Bargellini, Pier L. 2,822,523.
- Barkow, William H. 2,824,267.
- Barkow, William H. 2,837,674.
- Barkow, William H., and Kratz. 2,834,901.
- Barlow, Niles L., and Neumann. 2,855,508.
- Barlow, Niles L., and Winch. 2,855,505.
- Barton, Loy E. 2,841,702.
- Barton, Loy E. 2,866,892.
- Beard, Arthur D. 2,844,434.
- Bedford, Alda V. 2,840,634.
- Beers, George L. 2,820,844.
- Bendell, Sidney L., and Shepard. 2,845,562.
- Bennett, Wilfred P. 2,820,176.
- Bensky, Lowell S., and Hobbs. 2,845,220.
- Benway, Robert E. 2,861,208.
- Bernard, Francois R. C. 2,855,515.
- Bingham, Neil D., and Beanregard. 2,864,069.
- Bliss, Warren H. 2,832,044.
- Bliss, Warren H. 2,848,534.
- Bliss, Warren H. 2,860,181.
- Booth, Grant W., and Bothwell. 2,823,856.
- Booth, Grant W., and Hobbs. 2,865,567.
- Borkan, Harold. 2,847,610.
- Borkan, Harold, and Weimer. 2,865,985.
- Bousky, Samuel. 2,853,392.
- Brigs, George S., and Christensen. 2,866,878.
- Brown, George H., Jr. 2,819,526.
- Bucher, Thomas T. N. 2,864,059.
- Burns, Leslie L., Jr. 2,821,686.
- Burns, Leslie L., Jr. 2,840,635.
- Burns, Leslie L., Jr. 2,856,588.
- Burns, Leslie L., Jr., and Keizer. 2,834,878.
- Byrd, John F. 2,846,514.
- Camp, Paul R. 2,832,898.
- Campanella, Matthew J. 2,863,069.
- Canfora, Arthur E., and Sharin. 2,859,278.
- Chass, Jacob. 2,841,744.
- Chase, John A., and Green. 2,855,737.
- Chase, John A., Pilas, and Wolke. 2,831,238.
- Chase, John A., Pilas, Wolke, and Battstone. 2,842,832.
- Cherry, William H. 2,824,172.
- Christian, Schuyler M. 2,820,185.
- Christian, Schuyler M. 2,833,969.
- Christian, Schuyler M. 2,847,585.
- Clay, Burton R. 2,837,594.
- Colasanto, Dominick W. 2,861,936.
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- Crooks, Horatio N. 2,851,677.
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- Dawson, Ernest D. 2,839,936.
- Dennison, Robert C., and Luther. 2,825,757.
- Denton, Bethel E. 2,837,692.
- Denton, Bethel E. 2,853,549.
- Dietch, Leonard. 2,834,913.
- Dodds, Wellesley J. 2,830,221.
- Dodds, Wellesley J., and Peter. 2,828,440.
- Donal, John S., Jr. 2,820,197.
- Donal, John S., Jr. 2,826,719.
- Dow, Orville E. 2,854,513.
- Ellis, Sidney G. 2,861,909.
- Epstein, David W. 2,839,599.
- Epstein, David W., and Ramberg. 2,863,091.
- Epstein, Jess. 2,853,682.
- Evans, Arthur G. 2,847,514.
- Fiet, Owen O., and Foley. 2,864,082.
- Finch, James L. 2,831,058.
- Finkelstein, Morris B. 2,847,569.
- Flood, Robert B. 2,835,729.
- Flood, Robert D., and Kirkwood. 2,835,728.
- Flory, Leslie E. 2,846,604.
- Folly, John L. 2,829,477.
- Forgue, Stanley V. 2,826,714.
- Fredendall, Gordon L. 2,844,645.
- Fredendall, Gordon L. 2,855,573.
- French, Hubert. 2,863,999.
- Glaimo, Edward C., Jr. 2,854,947.
- Gibson, John J. 2,839,729.
- Gibson, Walter G. 2,831,144.
- Gilbert, Everett A. 2,844,720.
- Glenn, Alvin B., and Ray. 2,843,741.
- Goldberg, Edwin A. 2,838,663.
- Goldberg, Edwin A. 2,852,750.
- Goldberg, Edwin A. 2,855,510.
- Goldsmith, Alfred N. 2,837,965.
- Goldstine, Hallan E. 2,832,847.
- Goodrich, Hunter C. 2,819,442.
- Goodrich, Hunter C. 2,820,174.
- Goodrich, Hunter C. 2,824,170.
- Goodrich, Hunter C. 2,855,559.
- Goodrich, Hunter C. 2,864,888.
- Goodwin, William V., and Johnson. 2,837,643.
- Gray, Sidney. 2,848,358.
- Greenblatt, Manuel H. 2,856,524.
- Greig, Harold G. 2,857,272.
- Greiner, Bruce R. 2,826,643.
- Hagmann, Robert W., and Cooper. 2,842,708.
- Hahn, Edwin E., Schultz, Morton, and Morris. 2,844,737.
- Hall, James R. 2,819,349.
- Hall, James R. 2,823,255.
- Hammes, John P. 2,850,687.
- Hannan, William J. 2,833,935.
- Harbaugh, Willis E. 2,819,991.
- Harlow, Loraine C. 2,853,737.
- Harris, James S. 2,821,571.
- Harris, James S. 2,832,825.
- Herbst, Philip J. 2,819,336.
- Hernelsing, Gilbert C., Jr., and Lynn. 2,835,798.
- Hernqvist, Karl G. 2,859,345.
- Herold, Edward W. 2,819,449.
- Herold, Edward W. 2,851,594.
- Herold, Edward W. 2,853,603.
- Herold, Paul G. 2,845,564.
- Hillier, James. 2,843,750.
- Hittle, Carl E., and Askins. 2,833,972.
- Hochman, Daniel. 2,839,732.
- Hoehn, John J., and Hills. 2,838,305.
- Hoffmann, Eugene E. 2,861,861.
- Holmes, David D. 2,826,635.
- Hook, Harvey O. 2,843,798.
- Hook, Harvey O. 2,856,576.
- Hook, Harvey O., and Knoll. 2,843,799.
- Hoover, Merle V. 2,844,752.
- Hoover, Merle V. 2,853,640.
- Horowitz, Leopold A. 2,841,655.
- Hoyt, Clyde W., and Thomas. 2,820,092.
- Hudes, Ellis, and Sager. 2,830,759.
- Hughes, Richard H. 2,847,598.
- Hurford, Winslow L., and Neely. 2,842,719.
- Hurst, Robert N. 2,846,584.
- Iden, Charles C. 2,825,850.
- Isom, Warren R. 2,819,069.
- Jenny, Dietrich A. 2,830,239.
- Jenny, Dietrich A. 2,840,496.
- Jenny, Dietrich A. 2,846,340.
- Jenny, Dietrich A. 2,849,341.
- Jenny, Hans K. 2,830,224.
- Jensen, Robert V., and Laif. 2,841,509.
- Johnson, Edward O., and Hernqvist. 2,843,732.
- Jolliffe, Charles B. 2,857,455.
- Jose, Robert S. 2,863,942.
- Kabell, Louis J. 2,820,845.
- Kaplan, Martin. 2,819,412.
- Kaplan, Martin. 2,860,243.
- Karstad, Kaare. 2,833,991.
- Kaseman, Paul W. 2,847,595.
- Kaseman, Paul W. 2,847,599.
- Kazan, Benjamin. 2,839,690.
- Kazan, Benjamin. 2,851,634.
- Kazan, Benjamin. 2,856,589.

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- Kazan, Benjamin. 2,858,363.
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 Kimbro, John J. 2,848,228.
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 Knechtli, Ronald C. 2,819,303.
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 Knoll, Max. 2,856,559.
 Koch, Winfield R. 2,821,624.
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 Kratz, Jerrold K., and Obert. 2,821,671.
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 Lazzery, Angelo G. 2,864,021.
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 Lin, Hung C. 2,847,583.
 Lin, Hung C. 2,855,568.
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 Lindenblad, Nils E. 2,837,899.
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 Linder, Ernest G. 2,840,754.
 Lindsay, James E. 2,860,193.
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 Lufkin, Paul M. 2,842,709.
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 Luther, Arch C., Jr. 2,824,225.
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 Luther, Arch C., Jr. 2,845,486.
 Luther, Arch C., Jr. 2,857,512.
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 MacKimmie, George B. 2,849,711.
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 Maris, Elwood S., Sr. 2,858,134.
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 Mawhinney, Daniel D. 2,841,746.
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 McCulley, James M. 2,841,707.
 McMann, Renville H., Jr., and Erhardt. 2,835,730.
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 Milwitt, William. 2,834,877.
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 Morehouse, Clarence K., and Glicksman. 2,836,644.
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 Morgan, Adolph R. 2,840,694.
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 Morrell, Albert M. 2,847,600.
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 Nilssen, Ole K. 2,853,613.
 Nilssen, Ole K. 2,853,614.
 Noizeux, Pedro J. 2,844,712.
 Norton, Lowell E. 2,837,693.
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 Reuter, Henry G., Jr. 2,851,988.
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 Richter, Donald L. 2,846,230.
 Rogers, Gordon F. 2,832,822.
 Rogers, Gordon F. 2,855,458.
 Rosenberg, Albert L., Jr. 2,839,730.
 Rosi, Fred D. 2,841,559.
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 Roys, Henry E., and Andrews. 2,848,556.
 Ruedy, John E., Krieger, and Morton. 2,851,625.
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 Saulnier, Theodore A., Jr. 2,865,784.
 Schade, Otto H. 2,843,796.
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 Schmitt, Edward J., and Spaulding. 2,861,744.
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 Sonnenfeldt, Richard W. 2,823,257.
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 Talmage, Franklin E., and Feryszka. 2,843,803.
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 Thomas, Lucius P. 2,841,646.
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 Thompson, Leland E. 2,819,344.
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 Thornburg, David L. 2,847,608.
 Tibbs, Christopher E. M. 2,848,631.
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 Torre, Alton J. 2,858,428.
 Turnbull, John C., and Faulkner. 2,836,751.
 Valenti, Richard P. 2,843,737.
 Vance, Arthur W. 2,865,565.
 Vine, Benjamin H. 2,818,831.
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 Weimer, Paul K. 2,826,632.
 Weimer, Paul K. 2,833,675.
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 Werenfels, Peter H. 2,848,529.
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 Woll, Harry J. 2,848,161.
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- Radio Heaters Ltd.: *See*—
 Naylor, Joseph F., Northmore, and Tibbs. 2,842,650.
- Radio Industries Corp.: *See*—
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- Radio Industries, Inc.: *See*—
 Antalek, John J., and Saville. 2,838,738.
- Radio Kemet Industries, Inc.: *See*—
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- Radio Mfg. Co., Inc.: *See*—
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- Radio Patents Co.: *See*—
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 De Witt, David, Sandler, and Wittenberg. 2,863,066.
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- Radio Speakers (Canada) Ltd.: *See*—
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- Radio Steel & Mfg. Co.: *See*—
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- Radioactive Products, Inc.: *See*—
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- Radion Corp.: *See*—
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- Radke, Arthur O.: *See*—
 Simons, Allison K., Radke, and Hickman. 2,855,026.
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- Radke, Harold H., and C. H. Kotheimer, to The B. F. Goodrich Co. Catalyst holder and support unit. 2,832,675, 4-29-58, Cl. 23-288.
- Radley, Guy R., to Cutler-Hammer, Inc. Electrical apparatus with a thermal and electric insulation coating. 2,862,838, 12-2-58, Cl. 117-218.
- Radley, Margaret E.: *See*—
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- Radliff, Olga. Seam press board. 2,864,187, 12-16-58, Cl. 38-115.
- Radman, William. Frankfurter cooking device. 2,831,420, 4-22-58, Cl. 99-357.
- Radnor, Richard R., to General Electric Co. Method and apparatus for measuring thickness. 2,824,281, 2-18-58, Cl. 324-61.
- Rado, George T. Polarization plane rotator for microwave energy. 2,832,938, 4-29-58, Cl. 333-98.
- Rado, Leopold, deceased; D. F. Pickering, executrix. Process for the production of containers filled with liquids or pastes from a pliable non-metallic material of thermoplastic nature. 2,848,854, 8-26-58, Cl. 53-37.
- Radomski, Joseph J., C. M. Wenrich, and P. N. Shaaber, to Gai-Tronics Corp. Telephone substation. 2,831,922, 4-22-58, Cl. 179-1.
- Radow, Robert S.: *See*—
 Rockoff, Joseph, Waugh, and Radow. 2,847,865.
- Radow, Robert S., and R. E. Bennet, to The Dayton Rubber Co. Cotton doffing assembly. 2,847,815, 8-19-58, Cl. 56-41.
- Radtke, Herman H.: *See*—
 Van Horne, William L., and Radtke. 2,833,719.
- Radzinsky, Harry. Magazine-type ball-point pens. 2,865,334, 12-23-58, Cl. 120-42.12.
- Rae Metal Industries, Ltd.: *See*—
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- Rae Motor Corp.: *See*—
 Dunham, Irvie H. 2,839,696.
 Hansen, Everett K. 2,823,084.
- Rae, Robin W.: *See*—
 Habeshaw, John, and Rae. 2,821,559.
- Rae, Thomas L., to Keir and Cawder Ltd. Adjustable hopper and turntable for controlled discharge of granular material. 2,824,674, 2-25-58, Cl. 222-285.
- Rae, Walter S., Jr. Welding apparatus. 2,840,687, 6-24-58, Cl. 219-158.
- Raecke, Bernhard, to Henkel & Cie. G. m. b. H. Process for converting phthalic acid into terephthalic acid. 2,863,914, 12-9-58, Cl. 260-515.
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- Raecke, Bernhard, R. Köhler, and H. Pietsch, to Henkel & Cie. G. m. b. H. Epoxy alkyl esters of polybasic aromatic carboxylic acids and process of making same. 2,865,897, 12-23-58, Cl. 260-78.4.
- Raether, Louis O.: *See*—
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- Raether, Louis O., to Monsanto Chemical Co. Aspartic acid derivatives. 2,858,202, 10-28-58, Cl. 71-2.7.
- Raetsch, Bruno A.: *See*—
 Davis, John M., and Raetsch. 2,827,940.
- Raetsch, Bruno A., to Western Electric Co., Inc. Communications cords and methods of making them. 2,857,580, 10-21-58, Cl. 339-183.
- Rafaels, Umberto: *See*—
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- Raff, Paul: *See*—
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- Raffauf, Robert F.: *See*—
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- Raffelson, Harold: *See*—
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 Godt, Henry C., Jr., Quinn, and Raffelson. 2,851,489.
- Raffelson, Harold, to Monsanto Chemical Co. Synthesis of steroids. 2,846,445, 8-5-58, Cl. 260-340.5.
- Raffelson, Harold, and Q. E. Thompson, to Monsanto Chemical Co. 1-(β -carboxyethyl)-2-keto-14-methyl- $\Delta^{9,10}$ -octahydro-drophenanthrene and esters. 2,836,617, 5-27-58, Cl. 260-468.5.
- Raffensperger, Maurice J., to International Business Machines Corp. Motor drive circuit. 2,863,108, 12-2-58, Cl. 318-171.
- Rafoth, Bennie A.: *See*—
 Griese, Robert W., and Rafoth. 2,854,799.
- Raftree, Leonard K., to Durakool, Inc. Relay construction. 2,826,659, 3-11-58, Cl. 200-112.
- Ragan, Randall C.: *See*—
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- Ragan, Robert S. Cam-actuated, quick break electric switch. 2,842,640, 7-8-58, Cl. 200-114.
- Ragan, William A., to E. I. du Pont de Nemours and Co. Non-woven sheet material. 2,832,713, 4-29-58, Cl. 154-46.
- Ragazzo, Alfred P., to Wintriss Inc. Voice assembly for stuffed toys. 2,836,928, 6-3-58, Cl. 46-117.
- Ragazzo, Alfred, and B. Wels, to Wintriss, Inc. Missile with ram jet sounding device. 2,836,930, 6-3-58, Cl. 46-175.
- Ragland, Douglas, to Jersey Production Research Co. Diaphragm pump. 2,851,957, 9-16-58, Cl. 103-150.
- Ragland, Earl A., to Bendix Aviation Corp. Direction-sensing code matching system for binary codes. 2,823,344, 2-11-58, Cl. 318-467.
- Ragland, Earl A., and H. B. Schultheis, Jr., to Bendix Aviation Corp. Direction-sensitive binary code position control system. 2,823,345, 2-11-58, Cl. 318-467.
- Ragoczy, Martin. Control device for automobile lights. 2,834,009, 5-6-58, Cl. 340-251.
- Ragonese, Antonio. Testing device. 2,840,781, 6-24-58, Cl. 324-51.
- Ragosine, Victor E., to Sprague Electric Co. Radioactive resistor. 2,834,899, 5-13-58, Cl. 313-54.
- Ragsdale, James W., to Monsanto Chemical Co. Polyethylene composition. 2,863,850, 12-9-58, Cl. 260-45.7.
- Ragsdale, La Verne B., to General Motors Corp. Single track seat adjuster. 2,840,139, 6-24-58, Cl. 155-14.
- Raguse, Edward F. Work table and sawhorse with carrying wheels raised and lowered by a jackscrew. 2,854,044, 9-30-58, Cl. 144-286.
- Rahal, Nicholas S.: *See*—
 Davidson, Martin, and Rahal. 2,854,626.
- Rahall, Philip. Portable desk. 2,837,394, 6-3-58, Cl. 312-257.
- Rahl, Forrest J., to Allied Chemical Corp. Process of dispersing solids in caprolactam. 2,846,331, 8-5-58, Cl. 106-308.
- Rahlsen, Erich. Grain thermometer. 2,861,454, 11-25-58, Cl. 73-352.

- Rahn Instruments Inc.: *See*—
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- Rahmel, Henry A., to A. C. Nielsen Co. System and apparatus for determining the listening or viewing habits of wave signal receiver users. 2,855,993, 10-14-58, Cl. 161-3.
- Rahmel, Henry A., R. L. Freeman, C. H. Currey, and D. W. Holbrook, to A. C. Nielsen Co. System for determining listening habits of wave signal receiver users. 2,833,859, 5-6-58, Cl. 179-2.
- Raia, Stanley P. Safety arrangement for hydraulic systems. 2,827,134, 3-18-58, Cl. 188-151.
- Raibaud, Jean P., to La Precision Mecanique. Piston pumps for the injection of fuel into internal combustion engines. 2,865,292, 12-23-58, Cl. 103-5.
- Raibl Societa Mineraria del Predil S. p. A.: *See*—
Maino, Carlo A. 2,831,575.
- Raible, Frank, J. E. and R. C. Nemeth, to Vacuum-Electronic Engineering Co. Ion source. 2,838,676, 6-10-58, Cl. 250-41.9.
- Raible, Frank, and J. Peters, to Vacuum-Electronic Engineering Co. Ionization gauges. 2,848,635, 8-19-58, Cl. 313-7.
- Raibourn, Paul. Intelligence transmission system. 2,832,817, 4-29-58, Cl. 178-5.4.
- Raibourn, Paul. Color television receiver. 2,840,633, 6-24-58, Cl. 178-5.4.
- Raich, Walter L., J. P. Garrity, and W. O'Neill. Question and answer game. 2,835,052, 5-20-58, Cl. 35-9.
- Raiche, Paul A. To-and-fro breather. 2,823,667, 2-18-58, Cl. 128-29.
- Raife, Archie. Hypodermic syringe. 2,844,148, 7-22-58, Cl. 128-218.
- Raifsnider, John H., 51% to B. W. Andrus. Anchor for holding measuring lines. 2,853,785, 9-30-58, Cl. 33-137.
- Raifsnider, Philip J., to Shell Development Co. Composition of matter and corrosion prevention process. 2,861,924, 11-25-58, Cl. 202-57.
- Raifsnider, Philip J., and R. Wieland, to Shell Development Co. Corrosion inhibiting composition and indicator therefor. 2,820,016, 1-14-58, Cl. 252-408.
- Railoc Co., Inc.: *See*—
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- Railway Maintenance Corp.: *See*—
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- Railway Steam Research Corp.: *See*—
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- Raimondi, Louis P. Adjustable cam actuated pliers. 2,822,715, 2-11-58, Cl. 81-330.
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Hruby, John O., Jr. 2,854,283.
- Rainard, Leo W., to Joseph Bancroft & Sons Co. Crimping method and apparatus. 2,854,701, 10-7-58, Cl. 19-66.
- Rainard, Leo W., and E. H. Shattuck, to Joseph Bancroft & Sons Co. Crimping apparatus. 2,854,728, 10-7-58, Cl. 28-1.
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- Rainbow, Horace S., to Armstrong Siddeley Motors Ltd. Means for reversing the thrust of a jet engine. 2,841,954, 7-8-58, Cl. 60-35.54.
- Rainbow, Horace S., and H. J. P. B. Kahn, to Armstrong Siddeley Motors Ltd. Construction of turbine stator blades. 2,833,514, 5-6-58, Cl. 253-39.1.
- Raineau, Andre A., to Charbonnages de France. Process for the manufacture of coal-tar pitch. 2,851,397, 9-9-58, Cl. 196-22.
- Rainer, William C.: *See*—
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- Rainer, William C., E. A. Wilckens, J. G. Germak, J. P. Hamilton, and E. M. Redding, to Crown Cork & Seal Co. Method of making closures. 2,840,858, 7-1-58, Cl. 18-59.
- Rainer, William C., E. M. Redding, J. J. Hitor, A. W. Sloan, and W. D. Stewart, to W. R. Grace & Co. Irradiation treatment of polyethylene. 2,855,517, 10-7-58, Cl. 250-51.
- Rainey, Challenger W., to Ford Motor Co. Rocking distributor. 2,826,115, 1-14-58, Cl. 200-30.
- Rainey, Fred E. Improved cradle for warp dolly. 2,861,813, 11-25-58, Cl. 280-143.
- Rainey, James L., and W. G. Rinear, to Rohm & Haas Co. Preparation of imidazoline propionic acid derivatives. 2,820,043, 1-14-58, Cl. 260-309.6.
- Rainey, Walton, to Wiedemann Machine Co. Remote control servosystem for turret punch press. 2,820,936, 1-21-58, Cl. 318-30.
- Rainier, Maurice N. Drawer guide construction. 2,841,460, 7-1-58, Cl. 312-346.
- Rainman, Joseph C., to Kwikset Locks, Inc. Lock for folding doors. 2,821,422, 1-28-58, Cl. 292-113.
- Rainville, Paul, and P. Langdon. Potato viner. 2,830,592, 4-15-58, Cl. 130-30.
- Raisbeck, Gordon, to Bell Telephone Laboratories, Inc. Push-pull transistor modulator. 2,832,051, 4-22-58, Cl. 332-37.
- Raisbeck, Gordon, to Bell Telephone Laboratories, Inc. Computation of correlation. 2,854,191, 9-30-58, Cl. 235-61.
- Raisch, William: *See*—
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- Raitiere, Louis P., to General Precision Laboratory Inc. Wide angle optical system. 2,822,727, 2-11-58, Cl. 88-57.
- Raizk, Alexander and L. Scrap metal breaker. 2,846,754, 8-12-58, Cl. 29-66.
- Raizk, Lincoln: *See*—
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- Rajchman, Jan A., to Radio Corp. of America. Code converter. 2,820,140, 1-14-58, Cl. 250-27.
- Rakowitz, David H.: *See*—
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- Rakowsky, Frederick W.: *See*—
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Hunt, Russell A., Jr., and Rakowsky. 2,819,607.
- Rakowsky, Victor. Method of density separation. 2,843,265, 7-15-58, Cl. 209-172.5.
- Rakus, Jozef M. Valve. 2,836,388, 5-27-58, Cl. 251-182.
- Raleigh Cycle Co. Ltd., The: *See*—
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- Raleigh, Douglas O.: *See*—
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Eisenberg, Philip H., and Raleigh. 2,829,059.
- Raleigh, John S. Discharge valve for viscous materials. 2,853,266, 9-23-58, Cl. 251-172.
- Raley, Charles F., Jr., to United States of America, Air Force. Heterocyclic aryl phosphorus esters. 2,844,582, 7-22-58, Cl. 260-289.
- Rall, Felix, to Giesserei & Maschinenfabrik Osterwalder A. G. Driving and control device. 2,857,768, 10-28-58, Cl. 74-40.
- Ralls, Jack W., to G. D. Searle & Co. 11 β -hydroxy-17 α -methyltestosterone. 2,838,533, 6-10-58, Cl. 260-397.45.
- Ralls, Jack W., W. C. Wildman, K. E. McCaleb, and A. L. Wilds, to Wisconsin Alumni Research Foundation. Decahydrophenanthrene diones; their preparation and intermediates. 2,838,569, 6-10-58, Cl. 260-586.
- Ralph, Arthur H., and C. W. Langley, to Dzus Fastener Co., Inc. High strength fastening device. 2,818,626, 1-7-58, Cl. 24-221.
- Ralphs Engineering Co. Ltd., The: *See*—
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- Ralphs, George T., to The Ralphs Engineering Co. Ltd. Shoe press. 2,861,283, 11-25-58, Cl. 12-38.
- Ralston, Eldon K. Snap type bolt tension indicator. 2,850,937, 9-9-58, Cl. 85-62.
- Ralston, Gavin A., to Micro Machine Works, Inc. Bridge assemblies for variable resistors. 2,826,664, 3-11-58, Cl. 201-48.
- Ralston, Walter E. Sun visor attachment. 2,831,726, 4-22-58, Cl. 296-97.
- Ralys, Stanley, to Leavitt Machine Co. Valve grinding machines. 2,842,901, 7-15-58, Cl. 51-166.
- Ralys, Stanley C., to Leavitt Machine Co. Grinding head and grinding surface therefor. 2,842,903, 7-15-58, Cl. 51-194.
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- Ram Inc.: *See*—
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- Ra-Ma Co., Inc.: *See*—
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- Ramacher, Leslie, and R. H. Machine for windrowing nuts. 2,854,808, 10-7-58, Cl. 56-328.
- Ramacher, Rudolph H.: *See*—
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- Ramadanoff, Dimitar, to Union Carbide Corp. Additive for copper graphite brush. 2,844,544, 7-22-58, Cl. 252-503.
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- Ramage, William D.: *See*—
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- Ramaker, Donald P.: *See*—
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- Ramamurthy, Subramanra, to Council of Scientific and Industrial Research. Preparation of titanium tetraiodide. 2,819,946, 1-14-58, Cl. 23-87.
- Rambausek, Hugo: *See*—
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- Ramberg, Edward G.: *See*—
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- Ramberg, Einar M. Pressure vessels and methods of making such vessels. 2,848,133, 8-19-58, Cl. 220-3.
- Rambo, George L.: *See*—
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Hendricks, George D., Pearson, and Rambo. 2,832,060.
- Rambo, Sheldon I., to Westinghouse Electric Corp. Stroboscopic balance tester. 2,848,897, 8-26-58, Cl. 73-466.
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- Rambold, Adolf G. F. Method and machine for manufacturing, filling and closing of bags. 2,823,502, 2-18-58, Cl. 53-134.
- Rambold, Adolf G. F. to Teepack Spezialmaschinen, G. m. b. H. Cartoning device. 2,860,460, 11-18-58, Cl. 53-26.
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- Rambusch, Edward: *See*—
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- Ramey, Robert A., Jr., to United States of America, Navy. Magnetic error sensing circuit for selsyn systems. 2,848,668, 8-19-58, Cl. 318—23.5.
- Rammel, Gerald E.: *See*—
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- Ramlose, George A.: *See*—
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- Ramlose, George A., Foundation, Inc.: *See*—
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- Ramm, Leonard C. Automatic device for pleating drapes. 2,854,073, 9-30-58, Cl. 160—348.
- Ramm, Norman: *See*—
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- Ramming, John, Machine Co.: *See*—
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- Ramo-Woodbridge Corp.: *See*—
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- Ramonedá, Louis V. Pipe vise having holding pawl for jaw-advancing screw. 2,851,913, 9-16-58, Cl. 81—19.
- Ramos, Joe, and W. F. Hower, to Halliburton Oil Well Cementing Co. Selective plugging of underground well strata. 2,837,163, 6-3-58, Cl. 166—10.
- Ramrath, Joseph M., to Allis-Chalmers Mfg. Co. Circuit breaker employing opposed fluid blasts. 2,829,221, 4-1-58, Cl. 200—148.
- Ramsa, Alexander P.: *See*—
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- Ramsay, Douglas G., to Gair Co. Canada Ltd. Bottle carrier. 2,821,328, 1-28-58, Cl. 220—113.
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- Ramsay, Joseph D., to Campbell Soup Co. Pork cutting and depositing machine. 2,861,610, 11-25-58, Cl. 146—114.
- Ramsay, Thomas H.: *See*—
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- Ramsdell, Robert E., and G. W. Luckman, to G. E. Aldrich and M. G. La Brash. Machine for simultaneously rotating and axially advancing logs. 2,829,687, 4-8-58, Cl. 144—208.
- Ramsden, Hugh E., to Metal & Thermit Corp. Chemical process and product. 2,838,508, 6-10-58, Cl. 260—247.
- Ramsden, Hugh E., to Metal & Thermit Corp. Process of reacting carbon-containing compounds with specified grignards. 2,855,397, 10-7-58, Cl. 260—251.
- Ramsden, Hugh E., and E. L. Weinberg, to Metal & Thermit Corp. Organotin compounds and process of preparation. 2,830,067, 4-8-58, Cl. 260—429.7.
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- Ramsey, Cleabert G., to Owens-Illinois Glass Co. Machine for press molding glassware. 2,840,954, 7-1-58, Cl. 49—37.
- Ramsey Corp.: *See*—
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- Ramsey, De Witt. Sick bed apparatus. 2,854,673, 10-7-58, Cl. 5—86.
- Ramsey, George H., to Esso Research and Engineering Co. Hydraulic motor operated formation tester. 2,842,210, 7-8-58, Cl. 166—100.
- Ramsey, George H., and F. H. Deily, to Esso Research and Engineering Co. Pellet recycle control in pellet impact drilling. 2,841,365, 7-1-58, Cl. 255—1.8.
- Ramsey, James B.: *See*—
Anderson, Paul T., and Ramsey. 2,840,664.
- Ramsey, James B., and P. T. Anderson, to Westinghouse Electric Corp. Overload relay. 2,831,943, 4-22-58, Cl. 200—113.
- Ramsey, Joseph D.: *See*—
Clauson, Clas W. 2,842,778.
- Ramsey, Robert P., and S. L. Soo, to The Cooper-Bessemer Corp. High stability free piston machine. 2,839,035, 6-17-58, Cl. 123—46.
- Ramson, John R., to Croname, Inc. Condenser discharge stud welding machine. 2,845,523, 7-29-58, Cl. 219—98.
- Ramm, Michael. Adjustable fifth wheel assembly for tractor-trailer axle-load equalization. 2,860,891, 11-18-58, Cl. 280—407.
- Ranard, Ernest R. Cam-rise gauge. 2,840,919, 7-1-58, Cl. 33—174.
- Ranby, Peter W., to Thorn Electrical Industries Ltd. Electroluminescent material. 2,866,116, 12-23-58, Cl. 313—108.
- Rance, Jack A., to Aviamac Ltd. Devices for effecting adjustments in two dimensions. 2,861,484, 11-25-58, Cl. 77—62.
- Ranchers Cotton Oil: *See*—
Cavanagh, George C. 2,824,885.
- Ranck, William A., Jr., and T. N. Massey, to United States of America, Navy. Variable position radar scanning switch. 2,857,783, 10-28-58, Cl. 74—531.
- Ranco Inc.: *See*—
Greenawalt, Frederick A. 2,820,121.
Greenawalt, Frederick A. 2,843,151.
Raney, Eldon D. 2,843,322.
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- Rand Corp.: *See*—
Collbohm, Franklin R. 2,825,900.
- Rand Development Corp.: *See*—
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Jones, John L. 2,841,089.
- Rand, Eilert, 50% to J. Rand. Brush rake attachment for bulldozers. 2,840,936, 7-1-58, Cl. 37—145.
- Rand Goetze Corp.: *See*—
Arnold, Hartmut. 2,844,423.
Goetze, Rolf F. 2,844,424.
Muller, Max A. 2,844,425.
Muller, Max A., and Glaser. 2,844,427.
Wankel, Felix. 2,844,422.
- Rand, Henry J., to Magic Seal, Inc. Valve. 2,821,356, 1-28-58, Cl. 251—333.
- Rand, Jacob: *See*—
Rand, Eilert. 2,840,936.
- Rand, Rufus R. Shoe polishing devices. 2,839,774, 6-24-58, Cl. 15—258.
- Rand, Samuel. Closure alarm device. 2,824,300, 2-18-58, Cl. 340—274.
- Randall, Billy V.: *See*—
Fast, Clarence R., Fischer, and Randall. 2,826,547.
- Randall, Burton T., to C. & D. Lumber Co. Power operated device for moving an element to selected positions. 2,821,172, 1-28-58, Cl. 121—40.
- Randall, Clifton O., and L. D. Zepernick, to Vector Mfg. Co. Geophone cable. 2,842,750, 7-8-58, Cl. 339—151.
- Randall, David I.: *See*—
Freyermuth, Harlan B., Jackson, and Randall. 2,845,420.
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Schmidt-Nickels, Wilhelm, and Randall. 2,862,931.
- Randall, David I., to General Aniline & Film Corp. Substituted benzanthrones and processes of making same. 2,855,409, 10-7-58, Cl. 260—364.
- Randall, David I., and N. W. Solonen, to General Aniline & Film Corp. Anthraquinone azo dye. 2,820,787, 1-21-58, Cl. 260—193.
- Randall, David I., and E. E. Renfrew, Jr., to General Aniline & Film Corp. New compounds and methods of making same. 2,849,465, 8-26-58, Cl. 260—404.
- Randall, David I., and T. A. Martin, to General Aniline & Film Corp. Hydrocarbon-soluble phthalocyanine dyes. 2,859,219, 11-4-58, Cl. 260—314.5.
- Randall, Frank E.: *See*—
Smith, Lester L., and Randall. 2,828,711.
Smith, Lester L., and Randall. 2,855,841.
- Randall Graphite Bearing, Inc.: *See*—
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- Randall, Jack H. P., to F. A. Hughes & Co. Ltd. Cathodic protection means. 2,838,453, 6-10-58, Cl. 204—197.
- Randall, Jack H. P., deceased, by Grosvenor Gardens Branch of the trustee department of the Westminster Bank Ltd., executor, to F. A. Hughes & Co., Ltd. Cathodic protection of metal structures. 2,860,781, 11-18-58, Cl. 204—196.
- Randall, John F., and J. I. Cruchet, to Ford Motor Co. Axle housing straightening. 2,864,937, 12-16-58, Cl. 219—162.
- Randall, Kenneth B.: *See*—
Grieve, Alexander, Randall, and Hutchinson. 2,858,670.
- Randall, Newton P.: *See*—
Griswold, Richard H., and Randall. 2,855,330.
- Randall, Ralph R., ¼ each to F. S. Roach, and H. R. Nettles, and L. P. Gassman. Differential mechanism. 2,841,037, 7-1-58, Cl. 74—711.
- Randall, Ralph S., to Vac-U-Pak Corp. Vacuum bag sealing machine. 2,833,096, 5-6-58, Cl. 53—86.
- Randall, Ralph S., to Vac-U-Pak Corp. Vacuum bag sealing machine. 2,844,925, 7-29-58, Cl. 53—86.
- Randall, Robert: *See*—
Reiss, Raymond H., Randall, and Hahn. 2,855,260.
Reiss, Raymond H., Randall, and Hahn. 2,857,233.
- Randall, Walter H., to Keyes Fibre Co. Serving holder. 2,826,346, 3-11-58, Cl. 224—48.
- Rand-Goetze Corp.: *See*—
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Mantzel, Albrecht-Wolf. 2,830,826.
- Randles, Guy S., and W. D. Reynolds. Self-aligning tool holder. 2,820,378, 1-21-58, Cl. 77—55.
- Randles, Joseph L., to Clevite Corp. Orientator for C-shaped articles. 2,832,457, 4-29-58, Cl. 198—33.
- Randol, Glenn T. Mechanical self-adjusting valve tappet. 2,818,846, 1-7-58, Cl. 123—90.
- Randol, Glenn T. Mechanical self-adjusting valve tappet. 2,830,567, 4-15-58, Cl. 123—90.
- Randolph, John E.: *See*—
Madsen, Berthel F., and Randolph. 2,851,142.
- Randolph, John R., and J. L. Huff. Magnasonic hearing aid device. 2,848,538, 8-19-58, Cl. 179—1.
- Raney, Ben B., to Chicago Development Corp. Production of subdivided metals. 2,831,802, 4-22-58, Cl. 204—10.
- Raney, Eldon D., to Ranco Inc. Temperature control system for automobiles or the like. 2,843,322, 7-15-58, Cl. 236—37.
- Raney, Estel C., to Ranco Inc. Control mechanism. 2,858,076, 10-28-58, Cl. 236—99.
- Ranft, Ludwig G., and R. B. Herden, to Wollensak Optical Co. Multiple image high speed motion picture camera. 2,821,106, 1-28-58, Cl. 88—16.
- Rank, Franz: *See*—
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- Rankin, Alexander B. C., to Kelvin & Hughes Ltd. Measuring apparatus employing ultrasonic waves. 2,847,853, 8-19-58, Cl. 73—67.6.
- Rankin, Andrew W., to General Electric Co. Turbine bucket wheel. 2,844,355, 7-22-58, Cl. 253—77.
- Rankin, Arthur L., Jr., to Cavalier Corp. Dispensing apparatus. 2,835,409, 5-20-58, Cl. 221—67.
- Rankin, Dan R., to Food Machinery and Chemical Corp. Pump drive mechanism. 2,827,855, 3-25-58, Cl. 103—87.
- Rankin, Renville S., to Dorr-Oliver Inc. Treatment of sewage in liquid form and similar materials. 2,820,758, 1-21-58, Cl. 210—4.
- Ranks, John E., to General Electric Co. Phase-inverting translating circuit. 2,830,133, 4-8-58, Cl. 179—171.
- Rannefeld, Clarence E., to Continental Oil Co. Lubricating compositions. 2,830,950, 4-15-58, Cl. 252—33.4.
- Ranney, Neil J., to Wean Equipment Corp. Looping tower. 2,861,802, 11-25-58, Cl. 271—2.2.
- Ransburg Electro-Coating Corp.: See—
- Juvinal, James W. 2,839,425.
- Juvinal, James W. 2,842,460.
- Juvinal, James W. 2,865,789.
- Williams, Herschel A. 2,859,701.
- Ranseen, Mauritz C. Golf shoe spike cleaner. 2,866,218, 12-30-58, Cl. 15—237.
- Ransley, Charles E., to The British Aluminium Co. Ltd. Determination of the gas content of liquid metals. 2,861,450, 11-25-58, Cl. 73—19.
- Ransohoff, N. Inc.: See—
- Ransohoff, Nathan. 2,865,831.
- Ransohoff, Nathan, to N. Ransohoff, Inc. Electroplating machine. 2,865,831, 12-23-58, Cl. 204—213.
- Ransom, George P.: See—
- Dolza, John, Haefner, and Ransom. 2,843,096.
- Ransom, George P., to General Motors Corp. Fuel injection system. 2,837,074, 6-3-58, Cl. 123—140.
- Ransom, George P., and J. Zimmerman, to General Motors Corp. Fuel metering mechanism. 2,843,099, 7-15-58, Cl. 123—119.
- Ransom, Richard B. Differential gear set. 2,823,559, 2-18-58, Cl. 74—715.
- Ransom, Richard B. Motion damping device. 2,852,108, 9-16-58, Cl. 188—88.
- Ransom, Russell A. Combined safety joint and jar. 2,819,876, 1-14-58, Cl. 255—27.
- Ranson, Richard R.: See—
- McNicol, Forrest C., and Ranson. 2,848,630.
- Ranta, Edwin A. Veneer sizing and joining machine. 2,823,712, 2-18-58, Cl. 144—3.
- Ranta, James A. Semi-trailer with steerable intermediate wheel assembly. 2,819,911, 1-14-58, Cl. 280—426.
- Rantala, Charles W., to General Motors Corp. Vehicle body drainage and sealing means. 2,821,429, 1-28-58, Cl. 296—28.
- Rantsch, Kurt, to Carl Zeiss. Interferometer. 2,857,804, 10-28-58, Cl. 88—14.
- Rantsch, Kurt, to C. Zeiss. Interferometer. 2,866,377, 12-30-58, Cl. 88—14.
- Ranucci, Ernest R. Display device. 2,836,912, 6-3-58, Cl. 40—30.
- Ranzemberger, Walther, to E. F. Drew & Co., Inc. Reaction tank. 2,832,674, 4-29-58, Cl. 23—285.
- Ranzi, Ubaldo. Drive system for self-driving railway cars and for railway locomotors. 2,854,860, 10-7-58, Cl. 74—665.
- Ranzi, Ubaldo. Torque-transmitting coupling. 2,857,029, 10-21-58, Cl. 192—58.
- Rapasky, Francis S., to The M. W. Kellogg Co. Fastening means and method. 2,860,230, 11-11-58, Cl. 219—94.
- Rapata, George M., to Illinois Tool Works. Plastic screw anchor with slotted head. 2,836,214, 5-27-58, Cl. 151—41.75.
- Rapata, George M., to Illinois Tool Works. Plastic nut-like fastener with resilient wings. 2,836,215, 5-27-58, Cl. 151—41.75.
- Rapata, George M., to Illinois Tool Works. Plastic slip-on nut with resilient flanges. 2,836,216, 5-27-58, Cl. 151—41.75.
- Rapata, George M., to Illinois Tool Works. Nut structure having elastic gripping action and sealing means. 2,850,064, 9-2-58, Cl. 151—7.
- Rapata, George M., to Illinois Tool Works. Screw with plastic insert which locks and seals. 2,852,056, 9-16-58, Cl. 151—7.
- Rapata, George M., to Illinois Tool Works. Plastic drive fastener having a radially collapsible work engaging shoulder. 2,853,913, 9-30-58, Cl. 85—5.
- Raper, George F. Drafting slivers of fibrous materials. 2,840,860, 7-1-58, Cl. 19—130.
- Raper, John A.: See—
- Stern, Arthur P., and Raper. 2,858,424.
- Rapid Electrotape Co., The: See—
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- Rapids-Standard Co., Inc., The: See—
- Oik, Howard A., Van Loo, and Vander Vennen. 2,827,153.
- Rapin, Charles P.: See—
- Rapin, John P. 2,865,064.
- Rapin, John P., to C. P. Rudin. Awning interlock device. 2,858,833, 11-4-58, Cl. 160—235.
- Rapin, John P., to Charles P. Rapin. Metal awning and locking means therefor. 2,865,064, 12-23-58, Cl. 20—57.5.
- Rapisarda, Edward D., to Gilbert & Barker Mfg. Co. Luminous dial and signs for service station dispensing apparatus. 2,842,880, 7-15-58, Cl. 40—130.
- Rapistan-Keystone, Inc.: See—
- Weldring, Egbert, and Beveridge. 2,864,319.
- Rapoport, Ernest, and C. W. Swanson, to Carmic Mfg. Co., Inc. Scaffold connector device. 2,831,734, 4-22-58, Cl. 304—40.
- Rapoport, Lorence: See—
- Stephens, James R., and Rapoport. 2,820,691.
- Stephens, James R., and Rapoport. 2,825,623.
- Rapoport, Lorence, to American Cyanamid Co. Preparation of acrylonitrile from β,β' -oxydipropionitrile. 2,832,798, 4-29-58, Cl. 260—465.9.
- Rapp, Francis M. Vehicle safety device. 2,832,864, 4-29-58, Cl. 200—80.
- Rapp, Georges, to Society Sirelec. Electrical follow up system. 2,844,774, 7-22-58, Cl. 318—29.
- Rapp, John L.: See—
- Hesse, Adolf, and Rapp. 2,850,165.
- Rapp, Lawrence N. Plant supporting vase. 2,844,916, 7-29-58, Cl. 47—41.
- Rapp, Raymond I., $\frac{1}{2}$ to W. R. Peterson. Method of producing envelopes. 2,847,915, 8-19-58, Cl. 93—61.
- Rappa, Adelio: See—
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- Rappaort, Aaron B. Auto-roller device. 2,852,101, 9-16-58, Cl. 188—4.
- Rappaort, Aaron B. Ink injector ball point pen. 2,866,439, 12-30-58, Cl. 120—42.4.
- Rappaort, Nathan. Liquid cooled and lubricated rotary brake. 2,857,992, 10-28-58, Cl. 188—264.
- Rappaort, Paul: See—
- Sherwood, Ralph L., and Rappaort. 2,819,414.
- Rappaort, Sigmund, and W. H. Newell, to Sperry Rand Corp. Mathematical function generator. 2,854,854, 10-7-58, Cl. 74—393.
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- Kolling, Helmut, and Rappen. 2,821,484.
- Rappeport, Milton J. and Sigmund, to R. E. Rappeport & Sons, Inc. Shock absorbent mounting frame for portable mirrors. 2,849,919, 9-2-58, Cl. 88—97.
- Rappeport, R. E., and Sons, Inc.: See—
- Rappeport, Milton J. and S. 2,849,919.
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- Rappeport, Milton J. and S. 2,849,919.
- Rapson, William H., to Hooker Chemical Corp. Chlorine dioxide production. 2,863,722, 12-9-58, Cl. 23—152.
- Rardin, Clarence J. Boom angle indicator. 2,835,220, 5-20-58, Cl. 116—124.
- Raring, Richard H., J. A. Rinebolt, and G. L. Gregg. Load applying elastic ring. 2,831,343, 4-22-58, Cl. 73—95.
- Rasch, Carl H., and W. Swain. Device for improved cleaning and analysis of engine cooling systems. 2,835,234, 5-20-58, Cl. 123—41.42.
- Rasch, Royal H., K. H. Fleming, P. L. Leemhuis, and H. Sutton, to Hammermill Paper Co. Semi-chemical pulp process. 2,847,304, 8-12-58, Cl. 92—6.
- Rasche, Joe A.: See—
- Östholm, John I. G., and Rasche. 2,848,092.
- Rasche, Wilhelm: See—
- Johannsen, Adolf, Wolf, Hettler, Kammerer, Stumpf, and Rasche. 2,846,291.
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- Raschke, Waldemar: See—
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- Raschke, Walter E., to Emil J. Paidar Co. Cabinet construction. 2,855,259, 10-7-58, Cl. 312—228.
- Rascoe, Weldon E.: See—
- Southerland, Francis M. 2,837,832.
- Rasero, Lawrence J., to The Russell Mfg. Co. Anti-friction fabric. 2,862,283, 12-2-58, Cl. 28—80.
- Raske, Arthur. Abrading or grinding wheel. 2,860,458, 11-18-58, Cl. 51—191.
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- Dawson, Maynard H., and Rasmanis. 2,850,412.
- Rasmus, Adam M. Bowler's thumb protector. 2,827,635, 3-25-58, Cl. 2—21.
- Rasmussen, Arne P., and M. I. Place, to Westinghouse Electric Corp. Aircraft control system for limiting air-frame stress. 2,824,712, 2-25-58, Cl. 244—78.
- Rasmussen, Arne P., and H. M. Watson, to Westinghouse Electric Corp. Aircraft control system for limiting air-frame stress. 2,831,643, 4-22-58, Cl. 244—78.
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- Rasmussen, Carlton A.: See—
- Haigh, Edgar, and Rasmussen. 2,832,328.
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- Rasmussen, Clarence R.: See—
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- Rasmussen, Clarence R., and J. W. Rice, to Western Electric Co., Inc. Reciprocal feed mechanism for advancing articles step by step. 2,861,676, 11-25-58, Cl. 198—218.
- Rasmussen, George E.: See—
- Miller, Joseph P., Rasmussen, and Patrie. 2,862,459.
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- Rasmussen, Peter A.: *See*—
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- Rasmussen, William B., 50% to A. G. Ash, Metering liquid dispenser. 2,864,538, 12-16-58, Cl. 222-453.
- Rasmusson, Marlin B. Stick holder. 2,840,011, 6-24-58, Cl. 107-8.
- Rasmusson, Marlin B. Stick confection machine. 2,842,921, 7-15-58, Cl. 53-189.
- Rasmusson, Marlin B. Automatic filler for confection molds. 2,850,051, 9-2-58, Cl. 141-160.
- Rasmusson, Marlin B., to Vitafreze Equipment, Inc. Frozen confection distributor. 2,850,148, 9-2-58, Cl. 198-160.
- Rasmusson, Marlin B. Confection mold filler. 2,850,990, 9-9-58, Cl. 107-1.
- Rasmusson, Marlin B. Confection mix dispenser. 2,851,198, 9-9-58, Cl. 222-162.
- Rasmusson, Marlin B. Automatic defroster. 2,863,403, 12-9-58, Cl. 107-8.
- Rasmusson, Marlin B., and R. J. Betschart. Hydraulic dash-pot controller for an actuator. 2,838,140, 6-10-58, Cl. 188-97.
- Rasmusson, Theodore. Precision center punch tool. 2,855,694, 10-14-58, Cl. 33-191.
- Rass, Hans A., to Fairbanks, Morse & Co. Centrifugally responsive cam operator. 2,864,264, 12-16-58, Cl. 74-568.
- Rataiczak, Francis L., to General Motors Corp. Door fastener. 2,842,075, 7-8-58, Cl. 109-63.5.
- Ratalak, Edwin J., and R. C. Nubel, to Chas. Pfizer & Co., Inc. Process for producing oleandomycin. 2,842,481, 7-8-58, Cl. 195-114.
- Ratchford, Ottwell W. Warming oven for plastic eye glass frames. 2,836,696, 5-27-58, Cl. 219-35.
- Ratcliff, Raymond R. Cushion for insoles. 2,826,834, 3-18-58, Cl. 36-71.
- Ratcliffe, Cecil F. Automatic deodorant dispenser for toilets. 2,853,715, 9-30-58, Cl. 4-225.
- Ratcliffe, Stanley, to National Research Development Corp. Servo systems. 2,836,721, 5-27-58, Cl. 250-36.
- Ratelband, Johannes B. Valves. 2,818,880, 1-7-58, Cl. 137-525.
- Rath Packing Co., The: *See*—
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- Rath, Robert A. Refractory anchors and supporting hangers therefor. 2,819,693, 1-14-58, Cl. 110-99.
- Rathe, Sidney A., and W. F. Van Loenen, to Kaiser Aluminum & Chemical Corp. Filter element. 2,845,181, 7-29-58, Cl. 210-486.
- Rathenau, Gerhart W., to North American Philips Co., Inc. Method of making a permanent magnet. 2,827,437, 3-18-58, Cl. 252-62.5.
- Rathenau, Hans W. Remote control devices for electric appliances. 2,835,830, 5-20-58, Cl. 307-114.
- Ratje, John D., W. G. Morrison, and T. Hutson, Jr., to Phillips Petroleum Co. Apparatus and process for solvent extraction. 2,855,362, 10-7-58, Cl. 208-339.
- Ratkowski, Thomas A., to American Brake Shoe Co. Crawler shoes. 2,866,667, 12-30-58, Cl. 305-10.
- Ratliff, Ronald W. Clip case. 2,850,296, 9-2-58, Cl. 281-44.
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Toy, Arthur D. F., and Rattenbury. 2,863,903.
- Ratti, Giuseppe. Spectacle frames. 2,829,558, 4-8-58, Cl. 88-53.
- Rätz, Rudi F. W., and C. J. Grundmann, to Olin Mathieson Chemical Corp. Polymeric ethyleneimido phosphorus nitriles. 2,858,306, 10-28-58, Cl. 260-239.
- Rau, Eric, to United States of America, Navy. Method of reducing metallic corrosion by fuming nitric acid by addition of fluoride ion to acid. 2,837,407, 6-3-58, Cl. 23-157.
- Rau Fastener Co.: *See*—
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- Rau, George C., to Threadwell Tap & Die Co. Machine tool. 2,826,873, 3-18-58, Cl. 51-105.
- Rau, H. J.: *See*—
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- Rau, William J., and I. C. Somerville, to Rohm & Haas Co. Process of tanning skins with acidic solutions of alkali metal zirconium silicates. 2,826,477, 3-11-58, Cl. 8-94.25.
- Raub, Henry S.: *See*—
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- Raub, Samuel H. S.: *See*—
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- Raub, Samuel H. S., J. F. Revilock, and C. E. Ford, to Union Carbide Corp. Gas absorber distribution. 2,859,021, 11-4-58, Cl. 261-112.
- Raucher, Walter L., to General Electric Co. Control circuits for electric incinerators. 2,823,626, 2-18-58, Cl. 110-18.
- Raudszus, Oswald. Device for producing relative movements between a liquid and articles immersed in the same. 2,828,114, 3-25-58, Cl. 261-33.
- Raue, Roderich: *See*—
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- Rauglas, Gerard. Bait trap and bucket construction. 2,866,294, 12-30-58, Cl. 43-56.
- Rauh, Herbert H., to Westinghouse Electric Corp. Controller. 2,850,598, 9-2-58, Cl. 200-140.
- Rauh, Herbert H., to Westinghouse Electric Corp. Controller. 2,853,583, 9-23-58, Cl. 200-140.
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- Rauli, William J., to Kelsey-Hayes Co. Clamp. 2,862,340, 12-2-58, Cl. 53-287.
- Raum, Alaric L. J., to The Distillers Co. Ltd. Production of ortho-methylphenols. 2,839,587, 6-17-58, Cl. 260-621.
- Rauma-Repolä Oy: *See*—
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- Raupp, Ray J.: *See*—
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- Rausch, Hans: *See*—
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- Rausch, Samuel A. Safety switch. 2,835,771, 5-20-58, Cl. 200-172.
- Rausch, Werner, to Parker Rust Proof Co. Solution and process for treating metal surfaces. 2,819,193, 1-7-58, Cl. 148-6.16.
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- Rave, Jean. Fastening devices for straps, belts and the like. 2,853,757, 9-30-58, Cl. 24-197.
- Raven, Robert S.: *See*—
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- Raver, Louis J.: *See*—
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- Ravich, Leonard E. Contaminant-proof electrical circuit components. 2,833,942, 5-6-58, Cl. 310-8.9.
- Ravich, Leonard E., to Hupp Corp. Radiation detection methods and devices. 2,834,891, 5-13-58, Cl. 250-71.
- Ravigneaux, Marie J. F.: *See*—
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- Ravis, Herbert J., to Peerless Album Co., Inc. Phonograph record jacket. 2,866,541, 12-30-58, Cl. 206-62.
- Ravn, Jacob, to The West Co., Inc. Stopper-applying machines. 2,849,848, 9-2-58, Cl. 53-321.
- Rawcliffe, Gordon H., to National Research Development Corp. Induction motors. 2,850,690, 9-2-58, Cl. 318-224.
- Rawling, Burton R., to Raytheon Mfg. Co. Supports for vibratory devices. 2,866,911, 12-30-58, Cl. 310-26.
- Rawe, Clifford L.: *See*—
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- Rawe, Martin. Securing device for valve-bag in valve-bag manufacturing machines. 2,859,670, 11-11-58, Cl. 93-8.

- Rawlings, Arthur L., E. F. Shelley, and V. Viasmensky. Electrically-driven timepiece. 2,832,191, 4-29-58, Cl. 58-41.
- Rawlings, Herbert W.: *See*—
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- Rawlins, Robert E., to Lockheed Aircraft Corp. Target identification discriminator. 2,845,619, 7-29-58, Cl. 343-6.
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- Rawn, William L., Jr.: *See*—
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- Rawson, Edward R., and D. E. Whalen, to Burgess Battery Co. Apparatus for making dry cells. 2,864,286, 12-16-58, Cl. 93-36.01.
- Rawson, Emanuel, to Package Machinery Co. Pulsator assembly. 2,827,920, 3-25-58, Cl. 137-515.
- Rawson, Emanuel, to Grand Sheet Metal Products Co. Exhaust muffler. 2,834,425, 5-13-58, Cl. 181-42.
- Rawson, Emanuel, to Rite-Way Dairy Farm Equipment Corp. Suspended milker. 2,851,989, 9-16-58, Cl. 119-14.46.
- Rawson, Harold: *See*—
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- Rawson, Harry H. Spacing control mechanism for trim saws. 2,827,933, 3-25-58, Cl. 143-37.
- Rawson, Philip N. Transmission belt. 2,864,263, 12-16-58, Cl. 74-235.
- Rawson, Ralph L.: *See*—
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- Ray, Billy M., to Westinghouse Electric Corp. Carrier current communication system. 2,828,363, 3-25-58, Cl. 179-25.
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- Ray, Daniel D.: *See*—
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- Ray, Edwin H.: *See*—
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- Ray, Frank R. Fluid pressure operated torque wrench. 2,836,090, 5-27-58, Cl. 81-34.
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- Ray, Gardner C., to Phillips Petroleum Co. Separation of cis and trans isomers. 2,850,549, 9-2-58, Cl. 260-677.
- Ray, Gardner C., and H. J. Hepp, to Phillips Petroleum Co. Separating organic compounds. 2,863,858, 12-9-58, Cl. 260-96.5.
- Ray, Henry, to Ever Ready Calendar Mfg. Co. Mounting for calendar pads. 2,835,058, 5-20-58, Cl. 40-120.
- Ray, Lloyd E., to D. E. Martin. Paraffin tool or knife. 2,820,522, 1-21-58, Cl. 166-176.
- Ray, Milton E. Convertible truck cover and tent. 2,846,262, 8-5-58, Cl. 296-23.
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- Ray, William A., to General Controls Co. Solenoid structure. 2,819,432, 1-7-58, Cl. 317-191.
- Ray, William A., to General Controls Co. Manually settable relay. 2,833,881, 5-6-58, Cl. 200-87.
- Ray, William A., to General Controls Co. Electromagnetic valve. 2,838,068, 6-10-58, Cl. 137-625.33.
- Ray, William A., to General Controls Co. Flame detecting means. 2,840,146, 6-24-58, Cl. 158-28.
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- Ray, William A., to General Controls Co. Electromagnetic operator and mount therefor. 2,850,685, 9-2-58, Cl. 317-165.
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- Ray, William J. Key holder. 2,822,684, 2-11-58, Cl. 70-456.
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- Rayburn, Charles C., J. G. Black, Jr., and H. A. Schmidt, to ACF Industries, Inc. Notch tinner. 2,821,159, 1-28-58, Cl. 118-6.
- Rayburn, Charles C., and H. M. Horsman, to ACF Industries, Inc. Module mounting device having cam actuated, pivotally mounted tab bending arms. 2,840,134, 6-24-58, Cl. 153-17.
- Rayburn, Vincent A., to Western Electric Co., Inc. Flyer for supply stands. 2,842,323, 7-8-58, Cl. 242-128.
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- Rayette, Inc.: *See*—
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- Rayman, Douglas E., and P. E. Marlatt, to The Upjohn Co. Hydrolysis of 21-acyloxy steroids. 2,857,407, 10-21-58, Cl. 260-397.45.
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- Raymond, Horace H. 2,824,634.
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- Raymond, Francois H., to Societe d'Electronique et d'Automatisme. Electronic integration systems. 2,864,556, 12-16-58, Cl. 235-61.
- Raymond, Francois H., P. F. L. Chapouille, and J. E. Martin, to Societe d'Electronique et d'Automatisme. Electric simulators of arbitrary functions. 2,831,107, 4-15-58, Cl. 250-27.
- Raymond, Horace H., to Raymond Engineering Laboratory, Inc. Magnetic fluid device with cooling means. 2,824,634, 2-25-58, Cl. 192-21.5.
- Raymond International Inc.: *See*—
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- Raymond, Louis W., to The Superior Plating Co. Chromium electrodeposit and method of plating. 2,830,015, 4-8-58, Cl. 204-51.
- Raymond, Malcolm L. Explosion-proof container for inflammable liquids. 2,845,204, 7-29-58, Cl. 222-468.
- Raymond, Ray. Insert saw attachment to eliminate splintering. 2,854,043, 9-30-58, Cl. 143-157.
- Raymond, Richard C., to Haller, Raymond and Brown, Inc. Antenna. 2,836,824, 5-27-58, Cl. 343-795.
- Raymond, Walter B.: *See*—
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- Raynes, Bertram C., to Horizons Titanium Corp. Method of producing refractory metals. 2,822,259, 2-4-58, Cl. 75-84.1.
- Raynes, Roy K. Electric coil tester. 2,822,516, 2-4-58, Cl. 324-51.
- Raynolds, David W., to Eastman Kodak Co. Dry spinning process. 2,843,449, 7-15-58, Cl. 18-54.
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- Raynor, Charlie J. Trash remover for cotton gin. 2,834,057, 5-13-58, Cl. 19-55.
- Raynor, Derek, to Lever Brothers Co. Conductivity bridges. 2,834,937, 5-13-58, Cl. 324-30.
- Raynor, Edward E., to E. J. Raynor. Anti-fouling anchor. 2,856,882, 10-21-58, Cl. 114-208.
- Raynor, Forrest G., to Babcock & Wilcox Co. Vapor generator. 2,821,966, 2-4-58, Cl. 122-408.
- Raynor, Gilbert E. Carburetors. 2,841,374, 7-1-58, Cl. 261-44.
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- Rea, Jean: *See*—
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- Read, Philip C., and H. F. Ufer, to Dostal & Lowey Co., Inc. Loading apparatus for bottle washing machines. 2,861,670, 11-25-58, Cl. 198-25.
- Read, Robert L. Adjustable hand plates for therapeutic aquatic exercises and swimming. 2,850,748, 9-9-58, Cl. 9-21.
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- Rearick, John S., to W. M. Kellogg Co. Fluidized solids conveyance. 2,831,587, 4-22-58, Cl. 214-17.
- Rearick, John S., and R. P. Schaaf, to Minnesota Mining and Mfg. Co. Process for purifying trifluorochloroethylene. 2,831,901, 4-22-58, Cl. 260-653.
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- Goodfellow, Percy W., and Reavell. 2,861,624.
- Reaves, Richard W.: *See*—
- Kuder, Theodore L., and Reaves. 2,856,315.
- Rebensdorf, William H. Timber coupling and trestle-erecting bracket. 2,825,606, 3-4-58, Cl. 304-5.
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- Rebbun, Richard L. Hand or foot operated scooter. 2,861,814, 11-25-58, Cl. 280-243.
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- Rebuffoni, Martin, and L. F. Pettit, Jr., to Westinghouse Electric Corp. Arc-welding apparatus. 2,825,004, 2-25-58, Cl. 315-205.
- Recchie, Eusebio A. Nozzle for coke ovens. 2,829,089, 4-1-58, Cl. 202-151.
- Reche, Kurt: *See*—
- Hell, Rudolf, Lifferth, and Reche. 2,843,663.
- Recherches et Techniques Appliquées (Société Anonyme): *See*—
- Chabrier de Lessauniere, Pierre E. 2,861,992.
- Recherches Etudes Production R. E. P.: *See*—
- Lucien, René. 2,849,560.

- Recht, Maximilian. Combined sound and picture projecting apparatus. 2,822,725, 2-11-58, Cl. 88—27.
- Rechter, Harold L., and M. Eisenberg, to Armour Research Foundation of Illinois Institute of Technology. Flame spraying process. 2,848,349, 8-19-58, Cl. 117—46.
- Recker, Bernard H., deceased, by C. L. Recker, administrator. Colostomy syringe nozzle or the like. 2,865,373, 12-23-58, Cl. 128—239.
- Recker, Claud L.: *See*—
Recker, Bernard H. 2,865,373.
- Reckhow, Warren A.: *See*—
Feniak, George, Loria, and Reckhow. 2,865,748.
Feniak, George, Loria, and Reckhow. 2,865,751.
- Recny, Frank G.: *See*—
McQuarrie, Malcolm C., and Recny. 2,855,317.
- Reconstruction Finance Corp.: *See*—
McGregor, Eugene R. 2,830,651.
- Récopé de Tilly Blaru, Hubert M. B. Self-priming electric cells and batteries. 2,862,038, 11-25-58, Cl. 136—90.
- Recreation Equipment Corp.: *See*—
Townsend, Paul V. 2,865,634.
- Rectenwald, Charles E.: *See*—
Clark, Jared W., and Rectenwald. 2,863,916.
- Rector, Gaylard A. Vehicle parking means. 2,840,174, 6-24-58, Cl. 180—1.
- Rector, Jack D., to Collins Radio Co. Rate limiting circuits. 2,858,433, 10-28-58, Cl. 250—27.
- Rector, L. L.: *See*—
Schnitter, Sylvester B. 2,854,079.
- Rector, Marion R., and H. G. Hahn, to The Dow Chemical Co. Process for producing haloethylenic polymers having enhanced dye receptivity. 2,827,443, 3-18-58, Cl. 260—85.5.
- Rector, Norman K. Contractor tray. 2,855,187, 10-7-58, Cl. 261—114.
- Red, Calvin J., Jr. Nut starters and dispenser. 2,820,383, 2-21-58, Cl. 81—64.
- Red, Calvin J., Jr. Nut starter with elastic dispensing nozzle. 2,857,794, 10-28-58, Cl. 81—64.
- Reda Pump Co.: *See*—
Arutunoff, Armais. 2,854,595.
- Redd, J. C.: *See*—
Murray, Thomas J. 2,857,139.
- Redd, John C., to Mead Corp. Method of coating and smoothing paper. 2,829,980, 4-8-58, Cl. 117—64.
- Redden, Thomas K.: *See*—
Herres, Schuyler A., and Redden. 2,819,194.
- Red Devil Tools: *See*—
Amsen, Alfred W. 2,820,281.
- Reddi, Mullapudi M.: *See*—
Modes, Edward E., Reddi, and Lauterbach. 2,838,943.
- Reddick, Dallas G.: *See*—
Smith, Glenn O. 2,862,437.
- Reddick, James E.: *See*—
Gregg, Elmer A., and Reddick. 2,856,672.
- Reddick, Willis C., R. G. Blankenbaker, and J. H. Hall, Jr. Journal box drilling machine. 2,826,101, 3-11-58, Cl. 77—7.
- Reddie, William A., to Magnet Cove Barium Corp. Water-in-oil emulsion well fluid, methods of using and preparing same. 2,862,881, 12-2-58, Cl. 252—8.5.
- Redding, Arnold H., to Westinghouse Electric Corp. Absolute pressure sensing device. 2,853,880, 9-30-58, Cl. 73—419.
- Redding, Edward M.: *See*—
Rainer, William C., Wilkens, Germak, Hamilton, and Redding. 2,840,858.
- Rainer, William C., Redding, Hitov, Sloan, and Stewart. 2,855,517.
- Wilkens, Elbe A., Rainer, and Redding. 2,851,727.
- Redding, Vernon L.: *See*—
Clifford, Edward L., Redding, and Ordning. 2,842,220.
- Redfarn, Cyril A. Manufacture of abrasive articles. 2,822,255, 2-4-58, Cl. 51—298.
- Redfarn, Cyril A., to Walker Extract and Chemical Co., Ltd. Production of semi-ceramic materials. 2,860,058, 11-11-58, Cl. 106—39.
- Redfarn, Cyril A., to Walker Extract and Chemical Co., Ltd. Production of inorganic polymeric substances. 2,866,773, 12-30-58, Cl. 260—47.
- Redfern, Donald V.: *See*—
Baxter, Gene F., and Redfern. 2,861,977.
- Redgrave, Lester M.: *See*—
Hanzel, Francis J., Redgrave, and Howard. 2,857,624.
- Redheffer, Raymond M.: *See*—
McMillan, Edward B., and Redheffer. 2,854,668.
- Redick, David C., to General Motors Corp. Ignition distributor. 2,828,374, 3-25-58, Cl. 200—19.
- Redick, David C., and J. C. Norris, to General Motors Corp. Ignition distributor. 2,864,967, 12-16-58, Cl. 313—149.
- Redington, F. B., Co.: *See*—
Engleson, Harry E., and Sramek. 2,827,148.
Engleson, Harry E., and Sramek. 2,827,151.
Engleson, Harry E., and Sramek. 2,829,476.
Engleson, Harry E., and Sramek. 2,829,478.
Engleson, Harry E., and Sramek. 2,832,181.
Engleson, Harry E., and Sramek. 2,835,087.
Engleson, Harry E., and Sramek. 2,835,380.
Engleson, Harry E., and Sramek. 2,850,142.
Engleson, Harry E., and Sramek. 2,850,144.
Engleson, Harry E., and Sramek. 2,853,177.
Engleson, Harry E., and Sramek. 2,864,288.
Sramek, Elmer D. 2,835,378.
- Red Jacket Mfg. Co.: *See*—
Deters, Elmer M. 2,851,951.
Patterson, Glenn A. 2,829,597.
- Redka, Henry R., ½ to A. K. Roermann, Jr. Boom-erang. 2,838,310, 6-10-58, Cl. 273—106.
- Redlich, Horst, to Telefunken G. m. b. H. Magnetic sound recording and reproducing apparatus. 2,854,527, 9-30-58, Cl. 179—100.2.
- Red Lion Cabinet Co.: *See*—
Gross, William D. 2,862,215.
- Redman, Horace E., and P. E. Weimer, to Ethyl Corp. Manufacture of trichloro- and tetrachlorobenzenes. 2,826,617, 3-11-58, Cl. 260—650.
- Redman, James H.: *See*—
McNaney, Joseph T., Hamann, and Redman. 2,824,250.
- Redman, William C., and F. R. Shonka, to the United States of America as represented by the United States Atomic Energy Commission. Ionization chamber. 2,824,252, 2-18-58, Cl. 313—93.
- Redman, William J., and J. S. Fuller, to United States Steel Corp. Drive for reciprocating member. 2,838,958, 6-17-58, Cl. 74—606.
- Red Mill Co.: *See*—
Glepen, Hubert M. 2,836,980.
- Redmon, Grady C. Article handling implement for mail carriers. 2,819,110, 1-7-58, Cl. 294—19.
- Redmond, Benjamin. Table dispenser for butter and similar products. 2,845,707, 8-5-58, Cl. 31—21.
- Redmond, Carl E., to Sperry Rand Corp. Type bar and interchangeable type therefor. 2,862,592, 12-2-58, Cl. 197—36.
- Redmond, Edward J., to Woolley Mfg. Co. Golf club shaft. 2,822,175, 2-4-58, Cl. 273—80.4.
- Redmond, Frank A. Saw tool attachment. 2,841,038, 7-1-58, Cl. 76—77.
- Redmond, John M., to The Coleman Co., Inc. Burner pot pilot. 2,822,036, 2-4-58, Cl. 158—91.
- Redmond, John M., Jr.: *See*—
Kice, Jack W., Redmond, and Mattingly. 2,821,896.
- Redmond, Lawrence E.: *See*—
Mielke, Robert F., and Redmond. 2,836,905.
- Redmond, Nathan. Handbag frame with illuminating means. 2,849,594, 8-26-58, Cl. 240—6.45.
- Redmond, Walter M.: *See*—
Van Amburg, William F., Redmond, and Pringle. 2,841,851.
- Redniss, Alexander, S. Goodman, and T. Cantor, to Technical Enterprises Inc. Production of hydrogen bromide. 2,825,627, 3-4-58, Cl. 23—154.
- Reeber, Rudolf, to G. M. Pfaff A-G. Embroidery gearing attachment. 2,857,786, 10-28-58, Cl. 74—812.
- Reece Corp., The: *See*—
Althens, Herbert E. 2,841,106.
Phillips, Robert S., Jr. 2,823,907.
Phillips, Robert S., Jr. 2,826,158.
- Reed, Charles C.: *See*—
Weidenheimer, Joseph F., and Reed. 2,837,718.
- Reed, Clair S., to Gar Wood Industries, Inc. Dunnage bar. 2,821,941, 2-4-58, Cl. 105—369.
- Reed-Cromex Corp.: *See*—
Reed, Erwin. 2,836,925.
- Reed, Daniel J.: *See*—
Martin, Wesley G., and Reed. 2,823,415.
- Reed, Daniel J., to A. O. Smith Corp. Method and apparatus for pressure curing of materials. 2,838,796, 6-17-58, Cl. 18—19.
- Reed, David A., Jr., and D. E. Keith, to North American Aviation, Inc. Quick disconnect structural fastener. 2,859,841, 11-11-58, Cl. 189—36.
- Reed, David W., Jr., to International Business Machines Corp. Paper feeding mechanism. 2,827,289, 3-18-58, Cl. 271—29.
- Reed, Edward L.: *See*—
Bowman, Fred E., and Reed. 2,850,798.
- Reed, Edward L., to the United States of America as represented by the United States Atomic Energy Commission. Joint between carbonaceous members using molybdenum disilicide bond. 2,828,981, 4-1-58, Cl. 285—286.
- Reed, Edwin E., to Phillips Petroleum Co. Means for injecting a liquid additive into another liquid. 2,826,211, 3-11-58, Cl. 137—98.
- Reed, Edwin E., to Phillips Petroleum Co. Flow operated switch. 2,852,635, 9-16-58, Cl. 200—81.9.
- Reed, Erwin, deceased; W. Friedman, executor, to Reed-Cromex Corp. Unitary take-up escutcheon. 2,836,925, 5-3-58, Cl. 45—139.
- Reed, Firmin P.: *See*—
Conbere, John P., and Reed. 2,824,861.
- Reed, George H., to Acme Steel Co. Method and apparatus for forming and driving an improved staple. 2,861,269, 11-25-58, Cl. 1—82.
- Reed, George H., and W. P. Porcelli, to Acme Steel Co. Stapling machine. 2,839,753, 6-24-58, Cl. 1—2.
- Reed, George M. Peanut harvesting sweep. 2,865,276, 12-23-58, Cl. 172—720.
- Reed, Henry C.: *See*—
Winfree, Robert N., and Reed. 2,856,892.
- Reed, John A., to Tootal Broadhurst Lee Co. Ltd. Wrapping of objects or goods in thermoplastic sheet material. 2,842,910, 7-15-58, Cl. 53—33.
- Reed, John A., to Texas Iron Works, Inc. Well packer. 2,851,108, 9-9-58, Cl. 166—139.
- Reed, John W. Toy motor kit. 2,846,595, 8-5-58, Cl. 310—1.

Reed Mfg. Co.: See—

Bjalme, Bengt G. 2,854,216.

Bjalme, Bengt G. 2,855,611.

Petersen, Thorvald. 2,824,772.

Reed, Meuriel F., to Paper Mate Mfg. Co. Method of making

a ball for ball point pen. 2,847,751, 8-19-58, Cl. 29-280.

Reed, Murray Z. Transparent receptacle. 2,859,893, 11-11-

58, Cl. 220-4.

Reed, Reginald, and E. W. Worthington, to R. Hoe & Co., Inc.

Ink pumps for printing presses. 2,866,411, 12-30-58, Cl.

101-366.

Reed Research, Inc.: See—

Youngs, Homer S. 2,832,581.

Reed, Richard H., to Hughes Aircraft Co. Range-height

parallel-type radar system. 2,859,438, 11-4-58, Cl. 343-11.

Reed, Richard H., and R. J. Stegen, to Hughes Aircraft Co.

Slotted antenna. 2,840,818, 6-24-58, Cl. 343-770.

Reed, Robert C., to North American Aviation, Inc. Transistor

blocking oscillator. 2,857,518, 10-21-58, Cl. 250-36.

Reed, Robert D.: See—

Biggs, Orrick H., and Reed. 2,862,125.

Gray, Samuel M., Fellows, and Reed. 2,859,381.

Reed, Robert D., to John Zink Co. Gas fueled burner

assembly. 2,824,603, 2-25-58, Cl. 158-106.

Reed, Robert D., to John Zink Co. Flame retention nozzles

for gas burners. 2,824,604, 2-25-58, Cl. 158-116.

Reed, Robert D., to John Zink Co. Gas burner heads.

2,840,152, 6-24-58, Cl. 158-116.

Reed, Robert D., J. S. Zink, Jr., and R. P. Duncan, to John

Zink Co. Gas and liquid fuel burner assembly. 2,847,063,

8-12-58, Cl. 158-106.

Reed, Robert F.: See—

Zink, John S., Jr., Duncan, Edwards, and Reed.

2,851,093.

Reed, Robert G. Art of hair curling. 2,832,356, 4-29-58,

Cl. 132-34.

Reed, Robert J.: See—

Eberly, Kenneth C., and Reed. 2,849,503.

Reed Rolled Thread Die Co.: See—

Lyman, George W. 2,819,632.

Scott, Elmer T., and Willard. 2,819,631.

Reed Roller Bit Co.: See—

Boice, Elvin G. 2,851,253.

Boice, Elvin G. 2,855,224.

Mauzy, Harry L., and Von Rosenberg. 2,857,301.

Reed, Ronald A., to Whiffen and Sons Ltd. Bis-maleamic

acid. 2,859,243, 11-4-58, Cl. 260-534.

Reed, Russell H., to Changewood Corp. Method and appar-

atus for depositing fibrous elements in the manufacture

of fibrous structures. 2,840,865, 7-1-58, Cl. 19-155.

Reed, Thoron J. Elevating belt conveyor. 2,842,256, 7-8-58,

Cl. 198-120.5.

Reed, Thomas F., to United States Steel Corp. Two-step

method of removing oxygen from iron oxide. 2,864,688,

12-16-58, Cl. 75-26.

Reed, Wilbur B., and H. E. Johnston, to Philco Corp. Trans-

ducer. 2,863,953, 12-9-58, Cl. 179-111.

Reed, William O.: See—

Szegho, Constantin S., and Reed. 2,824,247.

Szegho, Constantin S., and Reed. 2,824,248.

Szegho, Constantin S., and Reed. 2,825,834.

Szegho, Constantin S., and Reed. 2,839,699.

Reed, William R.: See—

Heiges, Russell W., and Reed. 2,823,420.

Heiges, Russell W., and Reed. 2,828,219.

Reeder, Jack G., to The Reliance Electric and Engineering Co.

Automatic constant tension control with high-speed pick-up.

2,819,512, 1-14-58, Cl. 28-36.

Reeder, Rovil Z. Boat trailer. 2,827,188, 3-18-58, Cl. 214-

505.

Reedy, Eugene F., and R. V. Craddock, to Sperry Rand Corp.

Aircraft navigation instrument. 2,823,378, 2-11-58, Cl.

343-167.

Reedy, William H., Jr.: See—

Johnson, William G., and Reedy. 2,844,630.

Reegen, Sidney L.: See—

Eirich, Frederick R., Livingston, and Reegen. 2,864,128.

Reek, Robert J., and R. D. Slayton, to Teletype Corp. Record

controlled electronic transmitter. 2,863,992, 12-23-58, Cl.

178-17.

Reel-Safe, Inc.: See—

Long, Charles E. 2,837,334.

Reen, Gerald K.: See—

Booth, Galt B., and Reen. 2,853,667.

Reen, Gerald K., and D. S. McCluskey, to Textron Inc.

Electromagnetic vibration exciter. 2,820,159, 1-14-58,

Cl. 310-16.

Reer, Guy J. Alarm mechanism for refrigeration systems.

2,826,044, 3-11-58, Cl. 62-4.

Reerink, Wilhelm, W. Müschenborn, and E. Nötzold. Method

of producing ultra-clean coal. 2,842,319, 7-8-58, Cl. 241-

14.

Reerink, Wilhelm, W. Müschenborn, and E. Nötzold. Process

for re-wetting water-wetted solid particles. 2,859,917, 11-

11-58, Cl. 241-15.

Rees, Frank W., to C. W. Sparks. Adjustable strut.

2,838,266, 6-10-58, Cl. 248-355.

Rees, Harry V., and F. B. Sellers, to Texaco Development

Corp. Method of reducing metal oxides. 2,824,792,

2-25-58, Cl. 75-26.

Rees, John: See—

Pollard, Harold J., and Rees. 2,847,712.

Pollard, Harold J., and Rees. 2,862,239.

Rees, John, to Bristol Aircraft Ltd. Method of making

forming tools. 2,338,530, 5-27-58, Cl. 154-110.

Rees, Lancelot H., to Manton-Gaulin Mfg. Co., Inc. Ho-

mogenizer valve means. 2,832,573, 4-29-58, Cl. 259-4.

Rees, Lancelot H., to Manton-Gaulin Mfg. Co., Inc. Appa-

ratus for pressure homogenization. 2,852,237, 9-16-58,

Cl. 259-4.

Rees, Lancelot H., and H. C. Beck, to Manton-Gaulin Mfg.

Co., Inc. Colloid mill. 2,850,246, 9-2-58, Cl. 241-244.

Reese, Elmer E., to General Motors Corp. Windshield wiper

actuating mechanism. 2,856,783, 10-21-58, Cl. 74-70.

Reese, Elmer E., to General Motors Corp. Windshield wiper

actuating mechanism. 2,866,344, 12-30-58, Cl. 74-70.

Reese, Johannes, to Chemische Werke Albert. Resinous con-

densation products and their production. 2,839,494,

6-17-58, Cl. 260-47.

Reese, Lymon C., to Shell Development Co. Soil testing

apparatus. 2,824,445, 2-25-58, Cl. 73-89.

Reese, Richard M., and I. J. Anderson, to Bjorksten Re-

search Laboratories, Inc. Supporting device for cameras.

2,842,026, 7-8-58, Cl. 88-24.

Reese, Robert J., and F. H. Bailey. Screen changer for ham-

mer mills. 2,823,869, 2-18-58, Cl. 241-89.

Reese, Stanton L.: See—

Mangold, Anthony J., Jr., Mahaffey, and Reese. 2,832,113.

Reese, Stanton L., and S. O. Samoriga, to the United States

of America as represented by the United States Atomic

Energy Commission. Vapor shield for induction furnace.

2,826,624, 3-11-58, Cl. 13-27.

Reese, William M. Differential pressure responsive device.

2,827,716, 3-25-58, Cl. 137-779.

Reese, William M., to Industrial Instrument Corp. Pipe

unions. 2,829,673, 4-8-58, Cl. 138-44.

Reeser, Earl H. Remote control pedal operating device.

2,849,890, 9-2-58, Cl. 74-481.

Reeser, Esral M., to J. I. Case Co. Hinge construction.

2,837,203, 6-3-58, Cl. 198-204.

Reetz, Theodor: See—

Chadwick, David H., and Reetz. 2,865,942.

Hardy, Edgar E., and Reetz. 2,843,616.

Reetz, Theodor, to Monsanto Chemical Co. Trialkyl phos-

phites. 2,859,238, 11-4-58, Cl. 260-461.

Reetz, Theodor, to Monsanto Chemical Co. Recovery and

purification of trialkyl phosphites. 2,863,905, 12-9-58, Cl.

260-461.

Reeve, David H.: See—

Gloss, Gunter H., and Reeve. 2,865,711.

Reeve, David H., to the United States of America as repre-

sented by the United States Atomic Energy Commission.

Method of producing phosphorus oxychloride. 2,829,031,

4-1-58, Cl. 23-203.

Reeve, David H., to United States of America, Atomic Energy

Commission. Method of preparing metallurgical grade

alumina. 2,833,621, 5-6-58, Cl. 23-142.

Reeve, David H., to United States of America, Atomic Energy

Commission. Recovery of iron, aluminum, and phosphate

values from leach zone material. 2,850,358, 9-2-58, Cl.

23-123.

Reeve, David H., to United States of America, Atomic Energy

Commission. Recovery of iron, aluminum, and phosphate

values from phosphorus materials. 2,861,869, 11-25-58,

Cl. 23-123.

Reeve, Roger M.: See—

Kaufman, Vern F., Reeve, and Wong. 2,858,226.

Reeves Brothers, Inc.: See—

Eirich, Victor L. 2,821,457.

Reeves, Charles E. G., to Falcon Alarm Co., Inc. Portable

signalling device. 2,840,032, 6-24-58, Cl. 116-112.

Reeves, Donald H. Ten's transfer mechanism with transfer

completion interlock. 2,858,074, 10-28-58, Cl. 235-133.

Reeves, Eugene J.: See—

Richer, Pedro H., and Reeves. 2,850,432.

Reeves, Frank P. Clamp on anti-skid device. 2,850,067,

9-2-58, Cl. 152-213.

Reeves, Herbert M., to Florence Stove Co. Oven door spring

mounting. 2,837,080, 6-3-58, Cl. 126-191.

Reeves, Herbert M., to Geo. D. Roper Corp. Backguard for

range. 2,866,450, 12-30-58, Cl. 126-213.

Reeves, Herbert M., J. E. North, and E. D. Hillebrand, to

Heil-Quaker Corp. Vaporizing pot type burner. 2,825,399,

3-4-58, Cl. 158-91.

Reeves, Herbert M., and J. B. Mathis, to Florence Stove Co.

Wall mounted room heater. 2,846,997, 8-12-58, Cl. 126-

116.

Reeves, Howard F., Jr.: See—

Thompson, Leslie E., Reeves, and Belt. 2,824,075.

Reeves, Howard F., Jr., and S. F. Belt, to Morton Chemical

Co. Gel catalyst preparation. 2,833,729, 5-6-58, Cl.

252-448.

Reeves, Hugh Q. A.: See—

Quilter, John R. C., and Reeves. 2,861,567.

Quilter, John R. C., and Reeves. 2,861,568.

Reeves Instrument Corp.: See—

Lazarus, Howard A. 2,852,191.

Mayer, Arthur. 2,864,924.

McCoy, Rawley D., and Wiesner. 2,839,244.

Sorkin, Morris. 2,852,733.

Wittenberg, Roland C., and Sandler. 2,851,638.

Zatsky, Norman C. 2,818,743.

- Reeves, Iris K.: *See*—
Reeves, James M. and I. K. 2,835,311.
- Reeves, James B.: *See*—
Gundlach, Joseph C. and Reeves. 2,835,848.
- Reeves, James M. and I. K. Combined back and head rests. 2,835,311, 5-20-58, Cl. 155-174.
- Reeves, Margaret S., and H. R. Peacock. Zipper locking device. 2,826,797, 3-18-58, Cl. 24-205.11.
- Reeves, Melford L. Jaws for hinged rock crushers. 2,843,331, 7-15-58, Cl. 241-291.
- Reeves, Raymond J. D., to E. K. Cole Ltd. Oscilloscopes. 2,830,756, 6-24-58, Cl. 315-22.
- Reeves, Richard F., and D. J. Cestoni, to American Cyanamid Co. Zinc dialkyl dithiophosphates. 2,837,549, 6-3-58, Cl. 260-429.9.
- Reeves, Samuel E., and D. L. Scott, said Reeves assor. to said Scott. Features restoring aid. 2,839,815, 6-24-58, Cl. 27-21.
- Reeves Soundcraft Corp.: *See*—
Franck, Ernest W. 2,819,186.
- Reeves, Sylvia: *See*—
Quilter, John R. C., and Reeves. 2,861,567.
Quilter, John R. C., and Reeves. 2,861,568.
- Reeves, Thomas C.: *See*—
Di Meo, Unico, and Reeves. 2,823,056.
Waters, David, Sr., and David Waters, Jr., and Reeves. 2,860,742.
- Reeves, Thomas C., to T. J. Cope, Inc. Connecting means for cable-supporting trough systems and the like. 2,834,622, 5-13-58, Cl. 287-62.
- Reeves, Wilson A.: *See*—
Bullock, Austin L. Reeves, and Guthrie. 2,830,964.
- Reeves, Wilson A., and J. D. Guthrie, to the United States of America as represented by the Secretary of Agriculture. Carbamoyl ethyl, carboxyethyl and aminoethyl cellulose ether textile fibers and process of making the same. 2,824,779, 2-25-58, Cl. 8-117.
- Reeves, Wilson A., and J. D. Guthrie, to United States of America, Agriculture. Phenolic methylol-phosphorus polymers. 2,846,413, 8-5-58, Cl. 260-47.
- Reeves, Wilson A., L. H. Chance, and G. L. Drake, Jr., to United States of America, Agriculture. Flame resistant organic textiles and method of production. 2,859,134, 11-4-58, Cl. 117-136.
- Reeves, Wilson A., C. Hamalainen, and J. D. Guthrie, to United States of America, Agriculture. Bromine containing nitrolo methylol-phosphorus polymers. 2,861,901, 11-25-58, Cl. 117-136.
- Ref Mfg. Corp.: *See*—
Gordon, Henry R. 2,862,096.
- Refinery Equipment & Specialty Co. Ltd.: *See*—
Charlton, Henry E. 2,846,182.
- Reflectone Corp., The: *See*—
Brown, Forrest W. 2,837,336.
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Brown, Forrest W., and Chichester. 2,819,084.
Brown, Forrest W., and Chichester. 2,819,085.
Simjian, Luther G. 2,830,912.
Simjian, Luther G. 2,832,146.
- Reflector-Hardware Corp.: *See*—
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- Reffin Co.: *See*—
Usab, Ernest M. and M. A. 2,859,151.
- Refrigeration Engineering, Inc.: *See*—
Wile, Daniel D. 2,822,110.
- Refrigeration Package Spacers, Inc.: *See*—
Lang, Murray J. 2,824,013.
- Refrigeri, Ugo J. Plastic cap having parallel partitions to engage the sides of a nut. 2,819,642, 1-14-58, Cl. 85-53.
- Regal Plastic Co.: *See*—
Kivett, Jerome S. 2,822,900.
- Regan Forge and Engineering Co.: *See*—
Minor, Burt S. 2,846,178.
Regan, John. 2,842,386.
- Regan, John, to Regan Forge and Engineering Co. Spray eliminator for wire line strippers. 2,842,386, 7-8-58, Cl. 286-16.
- Regan, John J. Milk strainer cover. 2,822,107, 2-4-58, Cl. 220-24.
- Regan, Neil O. Master collet with replaceable soft jaws. 2,820,640, 1-21-58, Cl. 279-41.
- Regan, William G., to Kay Mfg. Corp. Auxiliary furniture spring. 2,843,191, 7-15-58, Cl. 155-179.
- Regan, William G., to Kay Mfg. Corp. Clip for sinuous springs. 2,843,193, 7-15-58, Cl. 155-179.
- Regan, William G., to Kay Mfg. Corp. Wire clip for sinuous springs. 2,843,194, 7-15-58, Cl. 155-179.
- Regar, Harold D. Spark plug having a variable spark gap and a non-baffling electrode. 2,845,566, 7-29-58, Cl. 313-141.
- Regel, Erik: *See*—
Wegler, Richard, Grewe, and Regel. 2,861,913.
- Regent Jack Mfg. Co.: *See*—
Pearne, Frank S. 2,819,873.
- Regentrop, Paul, and W. Fastenenrath. Spools for typewriter ribbons. 2,853,175, 9-23-58, Cl. 197-175.
- Reger, Raymond, to The Pierce Governor Co., Inc. Valve operating mechanism. 2,851,648, 9-9-58, Cl. 318-267.
- Reggiani Moccantox S. A.: *See*—
Giani, Adolfo. 2,863,382.
- Reggio, Ferdinando C. Powerplant temperature regulating device. 2,833,259, 5-6-58, Cl. 123-103.
- Reggio, Ferdinando C. Engine control device. 2,833,355, 5-6-58, Cl. 170-135.74.
- Reggio, Ferdinando C. Engine control system. 2,841,129, 7-1-58, Cl. 123-119.
- Reggio, Ferdinando C. Variable maximum fuel limiting device. 2,841,130, 7-1-58, Cl. 123-119.
- Regie Nationale des Usines Renault: *See*—
Péras, Lucien. 2,818,613.
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Saives, Leon. 2,862,397.
- Register, George C. Fuel atomizing and injecting device for internal combustion engines. 2,828,115, 3-25-58, Cl. 261-37.
- Regna, Peter P.: *See*—
Ensminger, Stanley W., Regna, Stieg, and Timreck. 2,831,878.
- Regnault, Henri V. L., 1/2 to P. Chedal. Support mounted screw actuated tire bead breaking device. 2,822,863, 2-11-58, Cl. 157-1-17.
- Reguly, Lewis J., J. M. Marshall, A. Coffman, and W. Lysek, to Inland Steel Co. Metal sheet feeder. 2,849,231, 8-26-58, Cl. 271-11.
- Rehbein, Charles A., to Shell Development Co. Catalytic cracking. 2,827,422, 3-25-58, Cl. 196-52.
- Rehberg, Richard A., to Westinghouse Corp. Machine for wire-forming and severing. 2,823,747, 2-18-58, Cl. 164-48.
- Reheis Co., Inc.: *See*—
Brown, Peter M., Jr., and Govett. 2,823,169.
- Rehfeld, George W. Jetty installation. 2,844,005, 7-22-58, Cl. 61-3.
- Rehklau, George D., to Ampex Corp. Capstan driving means for magnetic tape machine. 2,828,961, 4-1-58, Cl. 271-2-3.
- Rehler, Kenneth M., and J. Dulchinos, to United States of America, Navy. Pulse inverting interstage network of high band width. 2,853,605, 9-23-58, Cl. 250-27.
- Rehm, Gustav A., to Springfield Boiler Co. Superheater and pressurized boiler. 2,852,004, 9-16-58, Cl. 122-476.
- Rehm, Gustav A., to Springfield Boiler Co. Superheater. 2,838,809, 11-4-58, Cl. 122-476.
- Rehm, Gustav A., to Springfield Boiler Co. Boilers, first stage forced circulation. 2,865,342, 12-23-58, Cl. 122-406.
- Rehm, Gustav A., to Springfield Boiler Co. First stage forced circulation in boilers. 2,865,343, 12-23-58, Cl. 122-406.
- Rehm, Paul, to "Soluneta." Process for the production of finely divided powders. 2,862,792, 12-2-58, Cl. 23-182.
- Rehn, Karl: *See*—
Siegltitz, Adolf, Bestian, and Rehn. 2,862,974.
- Rehner, John, Jr., and L. T. Eby, to Esso Research and Engineering Co. Alkylation of high boiling catalytically cracked products. 2,833,834, 5-6-58, Cl. 260-671.
- Rehner, John, Jr., and L. T. Eby, to Esso Research and Engineering Co. Treatment of high boiling catalytically cracked products with activated carbon. 2,848,379, 8-19-58, Cl. 196-52.
- Rehner, John, Jr., and L. T. Eby, to Esso Research and Engineering Co. Reduction of carcinogenicity of high boiling catalytically cracked oil by partial oxidation. 2,862,867, 12-2-58, Cl. 208-3.
- Rehner, Thomas, and P. Hartmann, to Walter Marx & Co. K. G. Cover paint containing aluminum leaf. 2,865,776, 12-23-58, Cl. 106-253.
- Rehor, Donald T.: *See*—
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- Rehorn, Miles P. Stereoscopic view detectors. 2,820,395, 1-21-58, Cl. 88-29.
- Rehorn, Miles P. High frequency recording. 2,854,310, 9-30-58, Cl. 346-74.
- Rehorn, Miles P. Three dimensional projector systems. 2,858,731, 11-4-58, Cl. 88-26.
- Rehrig, Houston, to Rehrig-Pacific Co. Milk crate. 2,850,199, 9-2-58, Cl. 220-19.
- Rehrig, Houston, to Rehrig-Pacific Co. Milk crate. 2,850,204, 9-2-58, Cl. 220-97.
- Rehrig-Pacific Co.: *See*—
Rehrig, Houston. 2,850,199.
Rehrig, Houston. 2,850,204.
- Rehs, Gerd: *See*—
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- Reibel, Bertram: *See*—
Heinrich, Herbert, and Reibel. 2,849,009.
- Reibert, Frederick A.: *See*—
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- Reich, A. & Sons, Inc.: *See*—
Reich, Walter A.: 2,820,663.
- Reich, Bruno, to Kohlenecheidungs-Gesellschaft m. b. H. Beater wheel mill. 2,830,773, 4-15-58, Cl. 241-188.
- Reich, Ernő, R. Marton, and F. Szika, to "Licencia" Talalmanyokart Ertekesito Vallalat. Electric snap action or tumbler switch. 2,839,628, 6-17-58, Cl. 200-67.
- Reich, Harold A. Support for holding a plurality of garment hangers in closely spaced relation. 2,834,475, 5-13-58, Cl. 211-113.
- Reich, Herwarth. Couplings. 2,840,998, 7-1-58, Cl. 64-12.
- Reich, Leo: *See*—
Wilbert, Godfrey, Reich, and Swigert. 2,836,601.
- Reich, Oscar: *See*—
Fiore, Vincent J., and Reich. 2,864,241.
- Reich, Walter A.: *See*—
Smallwood, Thornton W. 2,825,256.
- Reich, Walter A., to A. Reich & Sons, Inc. Material engaging head for hoists or the like. 2,820,663, 1-21-58, Cl. 294-106.
- Reichardt, Mayo M., to General Motors Corp. Roller bearing retainer means. 2,860,406, 11-18-58, Cl. 29-201.
- Reichardt, Pierre, to Societe Belge d'Optique et d'Instruments de Precision Societe Anonyme. Medical acoustic device. 2,836,255, 5-27-58, Cl. 181-24.
- Reiche, Willi, to Voigtlander-Akt. Twin-lens photographic reflex camera. 2,858,753, 11-4-58, Cl. 95-44.
- Reiche, Willi, and F. Faulhaber, to Voigtlander Aktiengesellschaft. Ball-guide means, particularly for photographic cameras. 2,831,413, 4-22-58, Cl. 95-45.
- Reichel, Frank H., and A. E. Craver, to American Viscose Corp. Method for producing films. 2,862,245, 12-2-58, Cl. 18-57.
- Reichel, Samuel M. Venetian blind construction. 2,839,136, 6-17-58, Cl. 160-178.
- Reichelderfer, Charles A.: *See*—
Campbell, Ned G., Norman, and Reichelderfer. 2,843,108.
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- Reichelt, Lester O.: *See*—
Kaibow, Theodore W., and Reichelt. 2,824,535.
Meyers, Ralph F., and Reichelt. 2,851,582.
- Reichenbach, Howard F., to Eylet Specialty Co. Moisture proof propellant applicator. 2,840,231, 6-24-58, Cl. 206-56.
- Reichert, Allan S., and R. T. Adolphson, to Shampaine Co. Hospital beds. 2,827,641, 3-25-58, Cl. 5-63.
- Reichert, Howard E., and S. S. Fouse, to Westinghouse Electric Corp. Bus duct constructions. 2,824,901, 2-25-58, Cl. 174-72.
- Reichert, James B., and W. H. Maxwell, Jr. Air speed alerting apparatus for aircraft. 2,827,621, 3-18-58, Cl. 340-27.
- Reichert, William G. Automatic apparatus for removing core arbors from foundry flasks. 2,841,840, 7-8-58, Cl. 22-93.
- Reichert, William G. Automatic method and apparatus for making castings. 2,859,498, 11-11-58, Cl. 22-20.
- Reicherter, Georg. Gauge for testing the roundness and the diameter of cylindrical work pieces. 2,863,223, 12-9-58, Cl. 33-178.
- Reiches, Sol L. Superheterodyne tuner with image frequency trays which tracks with local oscillator and antenna resonators. 2,819,391, 1-7-58, Cl. 250-20.
- Reiches, Sol L. Centering device for cathode ray tube and TV receiver using same. 2,860,329, 11-11-58, Cl. 340-367.
- Reichhold Chemicals, Inc.: *See*—
Alyn, Charles L., Barrentine, Hodgins, Shelton, and Rawson. 2,849,492.
Barrentine, Eugene M., Hodgins, and Shelton. 2,862,897.
Boyce, Joseph F., and Reichhold. 2,858,206.
Shelton, Frederic J., and Barrentine. 2,849,493.
Warner, Harold O., Hodgins, and Hagen. 2,852,564.
- Reichle, Hans, to International Business Machines Corp. Shift mechanism. 2,854,120, 9-30-58, Cl. 197-74.
- Reichle, Richard G.: *See*—
Blasius, Herman J., and Reichle. 2,818,627.
Blasius, Herman J., and Reichle. 2,828,526.
Chandler, Wesley M., and Reichle. 2,822,685.
- Reichstein, Tadeus, A. Wettstein, and R. Neher. Aldosterone, process for preparation and compositions thereof. 2,862,851, 12-2-58, Cl. 167-77.
- Reichstein, Tadeus, A. Wettstein, and R. Neher. Derivatives of aldosterone. 2,862,925, 12-2-58, Cl. 260-239.55.
- Reickord, Adelbert W.: *See*—
Eckert, John P., Jr., and Reickord. 2,842,663.
- Reid, Austin L. Screw driver. 2,825,374, 3-4-58, Cl. 145-50.
- Reid Brothers Co., Inc.: *See*—
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- Reid, Charles M., G. C. Duncan, and D. Kinda, to Century Engineers, Inc. Squib firing intervalometer. 2,832,265, 4-29-58, Cl. 89-1.7.
- Reid, Frank H., to The International Nickel Co., Inc. Electrodeposition of rhodium. 2,866,740, 12-30-58, Cl. 204-47.
- Reid, James A., to Phillips Petroleum Co. Apparatus for drilling wells. 2,825,534, 3-4-58, Cl. 255-4.6.
- Reid, James H., to Allen E. Du Mont Laboratories, Inc. Synchronizing circuit. 2,853,550, 9-23-58, Cl. 178-7.5.
- Reid, John C.: *See*—
Griesinger, William K., and Reid. 2,855,447.
- Reid, John H.: *See*—
Tancred, William L. 2,845,218.
- Reid, Margaret A., and A. Brenner, to United States of America, Commerce. Method of producing boride coatings on metal. 2,849,336, 8-26-58, Cl. 117-106.
- Reid, Raymond W.: *See*—
Kirk, Roy C., and Reid. 2,850,557.
- Reid, Raymond W., and P. F. George, to The Dow Chemical Co. Conductively coated electrodes and method of making same. 2,834,826, 5-13-58, Cl. 136-100.
- Reid, Robert J., W. M. Smith, Jr., and B. H. Werner, to The Firestone Tire & Rubber Co. Process of producing filaments of vinylidene chloride resins containing a dimethyl ester. 2,859,089, 11-4-58, Cl. 18-54.
- Reid, Robert J., W. M. Smith, Jr., and B. H. Werner, to The Firestone Tire & Rubber Co. Use of dialkyl oxalates in vinylidene resins. 2,859,194, 11-4-58, Cl. 260-31.8.
- Reid, Robert J., W. M. Smith, Jr., and B. H. Werner, to The Firestone Tire & Rubber Co. Use of dialkyl malonates in vinylidene resins. 2,859,195, 11-4-58, Cl. 260-31.8.
- Reid, Robert J., W. M. Smith, Jr., and B. H. Werner, to The Firestone Tire & Rubber Co. Use of dialkyl glutarates in vinylidene resins. 2,859,196, 11-4-58, Cl. 260-31.8.
- Reid, Robert J., W. M. Smith, Jr., and B. H. Werner, to The Firestone Tire & Rubber Co. Use of dimethyl and diethyl adipates in vinylidene resins. 2,859,197, 11-4-58, Cl. 260-31.8.
- Reid, Thomas J.: *See*—
Davidson, Samuel H., and Reid. 2,845,833.
Taylor, James, and Reid. 2,839,374.
- Reid, Walter E., Jr.: *See*—
Senderoff, Seymour, and Reid. 2,843,541.
- Reid, William: *See*—
Kelly, Ralph, and Reid. 2,826,773.
- Reid, William B., and P. H. Seay, to The Upjohn Co. 4-oxy-3,5-dipropylbenzoates and process. 2,855,419, 10-7-58, Cl. 260-448.
- Reid, William P. Composite sealing ring and method of making the same. 2,859,061, 11-4-58, Cl. 288-2.
- Reider, George S., Jr.: *See*—
Hammell, Kemper M., and Reider. 2,842,018.
- Reidinger, Albert D., and W. S. Struve, to E. I. du Pont de Nemours and Co. Organic pigments. 2,844,484, 7-22-58, Cl. 106-288.
- Reiersen, John. Outboard bearing seal for marine propellers. 2,862,733, 12-2-58, Cl. 286-8.
- Reif, Henry E., and A. P. Stuart, to Sun Oil Co. Separation of xylenes. 2,848,483, 8-19-58, Cl. 260-505.
- Reifenschweiler, Otto, to North American Philips Co., Inc. Extraction probe for ion source. 2,831,134, 4-15-58, Cl. 313-63.
- Reifers, Richard F., to Diamond Gardner Corp. Molded pulp carton lock. 2,843,304, 7-15-58, Cl. 229-29.
- Reiff, Robert H.: *See*—
Dunlap, Lawrence H., and Reiff. 2,819,234.
- Reighart, June H. Water cooled furnace door with angular ribs. 2,864,345, 12-16-58, Cl. 122-498.
- Reijnders, Joseph L. M., to North American Philips Co., Inc. Direct-voltage amplifier. 2,854,531, 9-30-58, Cl. 179-171.
- Reil, Herbert, to Triumph Werke Nurnberg A. G. Business machine improvement. 2,859,850, 11-11-58, Cl. 197-19.
- Reiley, James L. Velocity sensitive device. 2,826,914, 3-18-58, Cl. 73-228.
- Reilly, Bertram B., to Dravo Corp. Direct fired hot air heating apparatus. 2,836,169, 5-27-58, Cl. 126-110.
- Reilly, Francis H.: *See*—
Read, Clinton L., and Reilly. 2,818,824.
- Reilly, Gerard J. Tailboard cover for open-ended vehicles. 2,848,271, 8-19-58, Cl. 296-37.
- Reilly, James J., to The Waterbury Tack Co., Inc. Thumb tack sorting apparatus. 2,850,161, 9-2-58, Cl. 209-99.
- Reilly, James T. Foot operated accelerator setting control. 2,831,367, 4-22-58, Cl. 74-513.
- Reilly Tar & Chemical Corp.: *See*—
Cislak, Francis E. 2,826,569.
Cislak, Francis E. 2,826,584.
Cislak, Francis E. 2,826,585.
Cislak, Francis E. 2,826,586.
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- Reiman, Vern: *See*—
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- Reiman, Walter J. Sunshade. 2,844,156, 7-22-58, Cl. 135-5.
- Reimann, Curt, to T & S Brass & Bronze Works, Inc. Pivoted hose device. 2,853,262, 9-23-58, Cl. 248-75.
- Reimer, Frank F.: *See*—
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- Reimers, Alfred E., W. K. Tavender, and L. J. McCormack, Jr. Water conditioning units for steam emitting pressing devices. 2,839,195, 6-17-58, Cl. 210-94.
- Reimers, Ernst, to Junkers & Co., G. m. b. H. Pulse jet burner system. 2,838,102, 6-10-58, Cl. 158-4.
- Reimers, Getriebe K. G.: *See*—
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- Reimers, Werner: *See*—
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- Reimert, Lawrence J., and E. A. Fatzinger, to The New Jersey Zinc Co. Electrolytic production of metallic titanium. 2,848,397, 8-19-58, Cl. 204-64.

- Reimschuessel, Charles A., and D. E. Youtz, to Landis Machine Co. Taper thread cutting die head with pivoted lever means to control taper. 2,848,726, 8-26-58, Cl. 10-120.5.
- Reimspies, Franz X., to Dr. Ing. h. c. F. Porsche K.-G. Individual wheel suspension for the driving wheels of automotive vehicles. 2,845,134, 7-29-58, Cl. 180-73.
- Reinartz, John L., to Eitel-McCullough, Inc. Apparatus for measuring electrical characteristics. 2,820,194, 1-14-58, Cl. 324-57.
- Reinartz, Robert, and F. Rupp, to Maschinenfabrik Augsburg-Nürnberg A. G. Intermediate stacking device for sheets delivered by a printing machine. 2,859,966, 11-11-58, Cl. 271-86.
- Reinauer, Thomas V., to Metals Disintegrating Co., Inc. Filter medium for dust filters. 2,839,158, 6-17-58, Cl. 183-51.
- Reineck, Edward A.: *See*—
Brown, Lloyd H., and Reineck. 2,830,971.
Brown, Lloyd H., Reineck, and Huett. 2,840,543.
- Reinecke, Herbert: *See*—
Bauer, Hans, Heckmaier, and Reinecke. 2,835,643.
- Reinecke, Marvin E.: *See*—
Sparks, Marshall S., Jr., and Reinecke. 2,824,968.
- Reinecke, Marvin E., to Phillips Petroleum Co. Photometric radiation analyzers. 2,827,824, 3-25-58, Cl. 88-14.
- Reinecke, Marvin E., to Phillips Petroleum Co. Drive mechanism. 2,837,961, 6-10-58, Cl. 88-14.
- Reinecke, Marvin E., and A. B. Broerman, to Phillips Petroleum Co. Differential refractometer cell. 2,857,803, 10-28-58, Cl. 88-14.
- Reiner, Erwin J.: *See*—
Kraay, Robert A., and Reiner. 2,828,455.
- Reiner, Kenneth. Anchor cage and nut. 2,825,380, 3-4-58, Cl. 151-11.76.
- Reiner, Robert, Inc.: *See*—
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- Reiner, Stewart: *See*—
Lewinstein, Marcus, and Reiner. 2,862,201.
- Reiner, Stewart, and S. Domeshek, to United States of America, Navy. Automatic rectification system. 2,839,974, 6-24-58, Cl. 95-12.5.
- Reiners, Dr. Ing. Walter: *See*—
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- Reiners & Fürst: *See*—
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- Reiners, Neville M., to Cummins Engine Co., Inc. Temperature variable pressure regulator. 2,820,473, 1-21-58, Cl. 137-46.8.
- Reiners, Neville M., to Cummins Engine Co., Inc. Governor controlled engine. 2,861,559, 11-25-58, Cl. 123-10.8.
- Reiners, Robert A., to Corn Products Refining Co. Preparation of uronic acids and derivatives thereof. 2,845,439, 7-29-58, Cl. 260-340.9.
- Reiners, Walter: *See*—
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Fürst, Stefan. 2,859,918.
- Reinert, Albert J. Tiled wall with fixture secured thereto by fastener. 2,857,754, 10-28-58, Cl. 72-18.
- Reinert, Armin E., to H. H. Clark. Concentration of chemical liquors. Re. 24,469, 5-6-58, Cl. 159-48.
- Reinert, Francis E. Rapid adjusting focus coil mount. 2,832,557, 4-29-58, Cl. 248-276.
- Reingold, Irving: *See*—
Carter, John L., Gould, and Reingold. 2,853,684.
- Reinhard, Carl J. Brush. 2,841,810, 7-8-58, Cl. 15-17.2.
- Reinhard, Herbert H., to Sperzel Co. Hinge construction for toilet seat and cover combination. 2,852,786, 9-23-58, Cl. 4-236.
- Reinhard, Louis, and H. Klausner, to Albiwerk Zurich A. G. Reflector antenna for microwaves. 2,838,756, 6-10-58, Cl. 343-912.
- Reinhard, Raymond H., to Monsanto Chemical Co. Polycyanohydrins produced by reacting hydrocyanic acid with a styrene-methacrolein copolymer. 2,833,743, 5-6-58, Cl. 260-73.
- Reinhard, Richard B. Loading bucket cutting edge construction. 2,824,392, 2-25-58, Cl. 37-141.
- Reinhard, Richard B. Earth-moving equipment cutting edge construction. 2,828,558, 4-1-58, Cl. 37-141.
- Reinhardt, Albrecht E.: *See*—
McGuff, Thomas J., and Reinhardt. 2,835,340.
- Reinhardt, George: *See*—
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- Reinhardt, James D., to Aluminum Home Products Corp. Self storing storm window. 2,857,963, 10-28-58, Cl. 160-90.
- Reinhardt, Frank W., M. C. Slone, L. Horn, and D. A. George, to United States of America, Army. Reinforced plastic springs. 2,852,424, 9-16-58, Cl. 154-90.
- Reinhart, Harold C.: *See*—
Brodbek, Almer H., and Reinhart. 2,843,199.
- Reinhart, Harold C., to Food Giant Markets, Inc. Gas burner head. 2,860,696, 11-18-58, Cl. 158-116.
- Reinhart, Harold C., and E. P. Portas, to Magic Chef-Food Giant Markets, Inc. Pilot burner. 2,834,408, 5-13-58, Cl. 158-115.
- Reinhart, Henry F.: *See*—
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- Reinhold, Ernest M. Tower for deterring shoplifting. 2,823,424, 2-18-58, Cl. 20-5.
- Reinhold, Richard S., to Boeing Airplane Co. Lightweight structural body and process of fabricating the same. 2,836,267, 5-27-58, Cl. 189-31.
- Reinhold, Richard S., to Boeing Airplane Co. Tube skin joint structure. 2,845,151, 7-29-58, Cl. 189-34.
- Reininger, Walter G.: *See*—
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- Reinmuth, Gene K., to Phillips Petroleum Co. Inhibiting polymer formation in the separation of butene-1 and butene-2 produced in the catalytic dehydrogenation of N-butane. 2,850,550, 9-2-58, Cl. 260-680.
- Reinsch, Herbert, to Eugen Bauer, G. m. b. H. Ratchet mechanism. 2,828,647, 4-1-58, Cl. 74-576.
- Reinshagen, John L., to Engine Life Products Corp. Method of making a filter element. 2,830,359, 4-15-58, Cl. 29-163.5.
- Reinsmith, Glenn M.: *See*—
Ellis, Charles R., and Reinsmith. 2,844,800.
- Reintjes, George P. Chamber lining. 2,846,867, 8-12-58, Cl. 72-19.
- Reintjes, George P. Modular suspended wall. 2,847,849, 8-19-58, Cl. 72-101.
- Reintjes, Harold: *See*—
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- Reis, Charles S. Magnetic record method and apparatus. 2,866,013, 12-23-58, Cl. 179-100.2.
- Reis, Herbert J., and W. V. Foley, to The Glenn L. Martin Co. Antenna mounting for a guided missile. 2,821,706, 1-28-58, Cl. 343-705.
- Reis, Smil. Device for automatically regulating the fluid delivery of a pump. 2,858,842, 11-4-58, Cl. 137-10.8.
- Reisacher, Raymond M., and W. G. Jenkins, to United Engineering and Foundry Co. Rolling mill pressure block support. 2,853,905, 9-30-58, Cl. 80-55.
- Reisch, George J., to General Electric Co. Resilient motor mounting. 2,832,554, 4-29-58, Cl. 248-26.
- Reisch, Wilhelm. Clothes washing machine. 2,824,437, 2-25-58, Cl. 68-15.
- Reiser, George C., to Toledo Scale Corp. Shock absorbing platform for weighing scales. 2,864,608, 12-16-58, Cl. 265-71.
- Reiser, George C., and K. F. Wetzel, to Toledo Scale Corp. Spring testing device. 2,835,129, 5-20-58, Cl. 73-161.
- Reiser, George C., and C. H. Shuptrine, to Toledo Scale Corp. Weighbridge. 2,838,299, 6-10-58, Cl. 265-71.
- Reiser, Rudolf. Forward running intermittently swinging toy figure. 2,820,323, 1-21-58, Cl. 46-104.
- Reishauer-Werkzeuge A. G.: *See*—
Rickenmann, Alfred. 2,839,875.
Rickenmann, Alfred. 2,844,137.
- Reiskind, Hillel I., to Radio Corp. of America. Magnetic recorder. 2,852,254, 9-16-58, Cl. 271-21.8.
- Reisman, Albert, and H. Industrial truck attachment. 2,841,302, 7-1-58, Cl. 214-621.
- Reisman, Howard: *See*—
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- Reisner, John H., to Radio Corp. of America. Electron microscopy. 2,819,403, 1-7-58, Cl. 250-49.5.
- Reisner, Sam. Fish hook keeper. 2,849,825, 9-2-58, Cl. 43-25.2.
- Reiss, Carroll R.: *See*—
Hager, Richard E., and Reiss. 2,839,448.
- Reiss, Howard: *See*—
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- Reiss Mfg. Corp.: *See*—
Reiss, Raymond H., Hahn, and Jesse. 2,828,044.
Reiss, Raymond H., Randall, and Hahn. 2,855,260.
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- Reiss, Max., to Eastman Kodak Co. Optical zoom system. 2,843,016, 7-15-58, Cl. 88-57.
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- Reiss, Raymond H., P. R. T. Hahn, and E. L. Jesse, to Reiss Mfg. Corp. Drawer tray. 2,828,044, 3-25-58, Cl. 220-20.83.
- Reiss, Raymond H., R. Randall, and P. R. T. Hahn, to Reiss Mfg. Corp. Metal chassis for furniture. 2,855,260, 10-7-58, Cl. 312-257.
- Reiss, Raymond H., R. Randall, and P. Hahn, to Reiss Mfg. Corp. Drawer suspension and guide structure. 2,857,233, 10-21-58, Cl. 312-347.
- Reiss, Robert J. Sphygmomanometer. 2,833,274, 5-6-58, Cl. 128-2.05.
- Reist, Walter. Conveyor system for newspapers, magazines and the like. 2,861,674, 11-25-58, Cl. 198-180.
- Reistle, Carl E., Jr., to Esso Research and Engineering Co. Perforating wells. 2,832,415, 4-29-58, Cl. 166-22.
- Reiten, Edwin I. Rake tooth and mounting. 2,862,349, 12-23-58, Cl. 56-400.
- Reiter, Daniel I. Stitch locked pocket book handle fastener installation. 2,821,229, 1-28-58, Cl. 150-12.
- Reiter, Daniel I. Fastener for flexible elements. 2,835,012, 5-20-58, Cl. 24-129.
- Reiter, Daniel I. Universal pocket book handle anchor and installation. 2,860,396, 11-18-58, Cl. 24-114.5.
- Reiter, Daniel I. Anchoring clamp or holder for end strap of a pocketbook handle. 2,862,269, 12-2-58, Cl. 24-114.5.
- Reiter, David. Dental mirror structure. 2,862,299, 12-2-58, Cl. 32-69.
- Reiter, George R., to General Electric Co. Method for making a tubular element. 2,830,363, 4-15-58, Cl. 29-517.

- Reiter, Rudolf: *See*—
Neilsen, Erling J., and Reiter. 2,865,911.
- Reiterer, Ferdinand, and L. Windisch. Carriage-mounted fans. 2,831,628, 4-22-58, Cl. 230—114.
- Reiterman, Leroy C.: *See*—
Campbell, Lee R., Ebert, Schoening, and Reiterman. 2,819,466.
- Campbell, Lee R., Schoening, and Reiterman. 2,850,738.
- Reithman, Ralph, to Geo. Stevens Mfg. Co. Winding mechanism and method. 2,824,582, 2-25-58, Cl. 140—92.2.
- Reitman, Abraham I. Float-operated valve. 2,847,025, 8-12-58, Cl. 137—426.
- Reitmeier, Ronald E.: *See*—
Fleming, Harold W., and Reitmeier. 2,840,531.
- Reitter, Teodoro. Rotary compressor. 2,859,911, 11-11-58, Cl. 230—147.
- Reitz, Archie E. Changeable display device. 2,843,950, 7-22-58, Cl. 40—34.
- Reitz, Friedrich, to Telefonbau und Normalzeit G. m. b. H. Selective type positioning means in printing cylinders. 2,844,093, 7-22-58, Cl. 101—91.
- Reitz, Harold W., to Westinghouse Electric Corp. Method of making a wired circuit. 2,848,792, 8-26-58, Cl. 29—155.5.
- Reitzel, Georg, to Drescher & Kiefer. Key case. 2,849,044, 8-26-58, Cl. 150—40.
- Reitzel, Nicolas M.: *See*—
Adey, Wilfred M., and Reitzel. 2,850,365.
- Karol, Berton, and Reitzel. 2,853,367.
- Reitzner, Stanley A.: *See*—
Ruth, Elmer L., and Reitzner. 2,824,745.
- Rejdak, Melvin F., to Erico Products, Inc. Material for welding aluminum and other metals. 2,831,760, 4-22-58, Cl. 75—27.
- Rejeski, William E., to The Wiremold Co. Collapsible tubing with protective rib. 2,841,183, 7-1-58, Cl. 138—60.
- Rejsa, Jack J., to Pillsbury Mills, Inc. Packing machine. 2,833,099, 5-6-58, Cl. 53—243.
- Rekettye, Paul: *See*—
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- Rekettye, Paul, to The Sun Rubber Co. Mold charging mechanism. 2,834,051, 5-13-58, Cl. 18—30.
- Rekettye, Paul, to The Sun Rubber Co. Apparatus for spray coating balls. 2,838,024, 6-10-58, Cl. 118—321.
- Rekettye, Paul, to The Sun Rubber Co. Process and apparatus for making inflated hollow articles by rotational casting. 2,838,798, 6-17-58, Cl. 18—39.
- Rekettye, Paul, to The Sun Rubber Co. Charging apparatus for vinyl casting machines. 2,842,160, 7-8-58, Cl. 137—565.
- Rekettye, Paul, to The Sun Rubber Co. Process and apparatus for stripping vinyl resins from molds. 2,856,632, 10-21-58, Cl. 18—2.
- Rekettye, Paul, to The Sun Rubber Co. Valve inserting apparatus. 2,856,677, 10-21-58, Cl. 29—213.
- Rekettye, Paul, to The Sun Rubber Co. Apparatus for use in molding elastomeric materials. 2,862,232, 12-2-58, Cl. 18—4.
- Rekettye, Paul, to The Sun Rubber Co. Multiple cavity mold charging device. 2,862,237, 12-2-58, Cl. 18—26.
- Rekker, Roelof F., to N. V. Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia. Production of substituted acrylic acid amides. 2,855,436, 10-7-58, Cl. 260—562.
- Rekow, Joseph M. Self-adjusting valve tappets. 2,821,180, 1-28-58, Cl. 123—90.
- Relaxacizor, Inc.: *See*—
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- Browner, William J. 2,842,136.
- Reliable Electric Co.: *See*—
Baxter, Donald L. 2,852,714.
- Reliable Engineering Co.: *See*—
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- Cheney, Donald E., and Motsinger. 2,839,596.
- Reliable Metal Products Co., Inc.: *See*—
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- Reliance Electric and Engineering Co., The: *See*—
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- Lang, Ernest U. 2,842,355.
- Michie, John S. 2,831,358.
- Reeder, Jack G. 2,819,512.
- Shrider, Kenneth L. 2,858,495.
- Sutherland, Charles R. 2,858,175.
- Troemel, Walter H. 2,829,736.
- Wilder, Stuart, Jr. 2,837,193.
- Reliance Steel Products Co.: *See*—
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- Braun, Ottwin L. 2,835,232.
- Nagin, Harry S. 2,845,851.
- Relis, Matthew J., to Burroughs Corp. Stabilized direct-coupled amplifier. 2,862,046, 11-25-58, Cl. 179—171.
- Re-Ly-On Metal Products, Inc.: *See*—
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- Rembold, Albert A. Marginally punched and notched sorting cards. 2,834,353, 5-13-58, Cl. 129—16.1.
- Rembrandt Lamp Corp.: *See*—
May, Frank J. 2,859,983.
- Remco Electronic, Inc.: *See*—
Shepard, Francis H., Jr. 2,847,867.
- Rem-Cru Titanium, Inc.: *See*—
Bomberger, Howard B. 2,819,960.
- Finlay, Walter L. 2,829,974.
- Jaffee, Robert, and Ogden. 2,821,475.
- Vordahl, Milton B. 2,837,425.
- Remeika, Joseph P., to Bell Telephone Laboratories, Inc. Method of making single crystal ferrites. 2,848,310, 8-19-58, Cl. 23—305.
- Remeika, Joseph P., to Bell Telephone Laboratories, Inc. Barium titanate as a ferroelectric material. 2,852,400, 9-16-58, Cl. 106—39.
- Remesch, Anne M. J.: *See*—
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- Remfrey, Harold C.: *See*—
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- Remick, Cassius N. H., to Hemphill Co. Lubricator for knitting machines. 2,852,099, 9-16-58, Cl. 184—61.
- Remick, Cassius N. H., to Forest City Knitting Co. Ltd. Boarding machine structure. 2,854,179, 9-30-58, Cl. 223—75.
- Remien, C. Jack: *See*—
Remien, William H., Jr. 2,849,157.
- Remien, F. Henry: *See*—
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- Remien, William H., Jr., $\frac{1}{2}$ to F. H. Remien and $\frac{1}{2}$ to C. J. Remien. Expendable liquid coating applicator. 2,849,157, 8-26-58, Cl. 222—169.
- Remington Arms Co., Inc.: *See*—
Aitken, William H., Connor, and Haskell. 2,848,915.
- Allison, Adrian G., and Slyh. 2,831,778.
- Brown, Robert A. 2,825,002.
- Campbell, Clark S. 2,855,716.
- Catlin, Robert T., and Turton. 2,831,192.
- Collins, William W., Melick, and Reynolds. 2,849,980.
- Crittendon, Lexie R., and Hailston. 2,824,400.
- Ervine, Albert W. G. 2,819,575.
- Ervine, Albert W. G., Melick, and Reynolds. 2,827,036.
- Ervine, Albert W. G., and Reynolds. 2,848,855.
- Hartman, Robert B. 2,866,359.
- Mall, Arthur W. 2,862,533.
- McCallum, John. 2,856,446.
- North, Clarence E. 2,824,482.
- Thompson, Jack E. S. 2,824,484.
- Remington Corp.: *See*—
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- Remington, Frederic, and R. A. Tartaglia, to Peerless Tube Co. Pressure dispensing container. 2,856,102, 10-14-58, Cl. 222—394.
- Remington, Leland F.: *See*—
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- Gamble, Ralph S., and Remington. 2,845,265.
- Remington, Leland F., to Curtis & Marble Machine Co. Steam-operated stopping mechanism for a textile machine. 2,836,668, 5-27-58, Cl. 200—61.13.
- Remington Products Co.: *See*—
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- Remington, Ralph T., to Studebaker-Packard Corp. Hinged pedal structure. 2,824,464, 2-25-58, Cl. 74—513.
- Remington Rand Inc.: *See*—
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- Remle Research Inc.: *See*—
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- Remler Co., Ltd.: *See*—
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- Remmele Engineering Co.: *See*—
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- Remsel Industries, Inc.: *See*—
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- Remy, Hermann, to Rowenta Metallwarenfabrik, G. m. b. H. Electric toaster. 2,829,230, 4-1-58, Cl. 219—19.
- Ren Plastics, Inc.: *See*—
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- Renard, Joffre R., to Societe Th. Pernin & Fils. Mobile mechanical handling device. 2,859,890, 11-11-58, Cl. 214—670.
- Renard, Roland E., to National Can Corp. Edger means for bending the edge of a can blank. 2,847,051, 8-12-58, Cl. 153—16.
- Renaud, Bruce J., to United States Rubber Co. Sidewall construction for a tire. 2,865,423, 12-23-58, Cl. 152—353.
- Renau, Harold E., to Ren-It Plastics, Inc. Surface plate. 2,859,530, 11-11-58, Cl. 33—174.
- Renaut, Paul, to Realisations Ultrasoniques. Apparatus for automatic testing of sheets and leaves. 2,862,384, 12-2-58, Cl. 73—67.6.
- Renaut, Paul E. Frequency modulation. 2,840,779, 6-24-58, Cl. 323—90.
- Rench, Harry D., H. W. Harris, H. M. Kelma, and L. R. Massie, to Racine Industrial Plant, Inc. Carpet scrubbing machine. 2,842,788, 7-15-58, Cl. 15—48.
- Rendall, John L., and D. R. Husted, to Minnesota Mining and Mfg. Co. Polyalkylenepolyamines. 2,844,599, 7-22-58, Cl. 260—389.
- Rendall, John L., and W. H. Pearlson, to Minnesota Mining & Mfg. Co. Fluorinated carbon compounds. 2,862,024, 11-25-58, Cl. 260—487.
- Rendel, George H.: *See*—
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- Orr, Howard S., and Rendel. 2,822,047.
- Rendel, George H., to United States Steel Corp. Control system for regulating the conductivity of liquids. 2,819,726, 1-14-58, Cl. 137—93.

- Rendel, George H., to United States Steel Corp. Current density indicator and control. 2,820,004, 1-14-58, Cl. 204-211.
- Render, Elijah F., to The Cincinnati Milling Machine Co. Grinding machine. 2,855,729, 10-14-58, Cl. 51-103.
- Rendondo, Angel E. Cigarette package opener and extractor. 2,834,514, 5-13-58, Cl. 221-208.
- Renfrew, Edgar E., Jr.: *See—*
- Randall, David I., and Renfrew. 2,849,465.
- Wilkinson, Joseph M., Jr., and Renfrew. 2,834,792.
- Renfro, Raymond L. Barrel clamp. 2,831,720, 4-22-58, Cl. 294-31.2.
- Renfrow, Aubrey J. Register for service trays and the like. 2,841,899, 7-8-58, Cl. 40-68.
- Renick, Wendell E., to American Brake Shoe Co. Solenoid operated valve. 2,852,948, 9-23-58, Cl. 74-110.
- Renie, Jack J., J. E. Jones, and V. W. Henderson. Saw sharpening apparatus. 2,842,983, 7-15-58, Cl. 76-41.
- Ren-Itc Plastics, Inc.: *See—*
- Renaud, Harold E. 2,859,530.
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- Renkin, Robert F.: *See—*
- Morocco, Philip and J. C. and Renkin. 2,830,809.
- Renkin, Robert F., to Sharon Steel Corp. Metal coating apparatus with movably mounted wiping means. 2,848,975, 8-26-58, Cl. 118-68.
- Renkin, Robert F., to Sharon Steel Corp. Apparatus for making high tensile strapping. 2,864,607, 12-16-58, Cl. 266-3.
- Renneburg, Edward, & Sons Co.: *See—*
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- Renneker, H. H. Co., Inc.: *See—*
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- Renneker, Herman H., to H. H. Renneker Co., Inc. Telephone hand set supports. 2,863,954, 12-9-58, Cl. 179-157.
- Rennels, Charles H. Railroad crossing construction. 2,828,079, 3-25-58, Cl. 238-8.
- Rennels, Charles H. Railroad crossing structure. 2,828,080, 3-25-58, Cl. 238-8.
- Renner, Alfred, to Ciba Ltd. Process for the production of stable aqueous solutions of hardenable condensation products of melamine, thiourea and formaldehyde and product obtained. 2,839,484, 6-17-58, Cl. 260-29.4.
- Renner, Alfred, W. Wettstein, and G. Widmer, to Ciba Ltd. Process for the manufacture of benzonitrile. 2,822,375, 2-4-58, Cl. 260-465.
- Renner, Alfred, and G. Widmer, to Ciba Ltd. Heat-hardenable aminoplast resin molding compositions, their manufacture and molded articles therefrom. 2,830,035, 4-8-58, Cl. 260-67.6.
- Renner, Elmer J.: *See—*
- Brabender, Carl W., and Renner. 2,857,151.
- Renner, Elmer J., to Stephens-Adamson Mfg. Co. Cargo handling apparatus. 2,824,656, 2-25-58, Cl. 214-89.
- Renner, Elmer J., to Stephens-Adamson Mfg. Co. Movable tubular conveyor belt. 2,839,181, 6-17-58, Cl. 198-201.
- Renner, Elmer J., and J. D. Train, to Stephens-Adamson Mfg. Co. Air cargo handling apparatus. 2,826,319, 3-11-58, Cl. 214-89.
- Renner John, C. H. Von Tesmar, and H. B. Williams, to National Distillers and Chemical Corp. Electrolytic cell. 2,865,833, 12-23-58, Cl. 204-245.
- Renner, Norman H., $\frac{1}{4}$ to W. L. Coleman. Forage blower. 2,829,924, 4-8-58, Cl. 302-37.
- Rennick, John L.: *See—*
- Heuer, Charles H., and Rennick. 2,823,254.
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- Rennick, John L., to Zenith Radio Corp. Apparatus for reproducing images in natural color. 2,835,727, 5-20-58, Cl. 178-5.4.
- Rennick, John L., to Zenith Radio Corp. Color television receiver synchronizing system. 2,853,545, 9-23-58, Cl. 178-5.4.
- Rennick, John L., to Zenith Radio Corp. Image reproducing system. 2,861,210, 11-18-58, Cl. 313-92.
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- Renno, Donald G., to Motor Products Corp. Combination vehicle body header and door header structure. 2,826,447, 3-11-58, Cl. 296-28.
- Reno, Hugh W., and E. E. Aylor, to Midwest Mfg. Corp. Heater element support. 2,824,204, 2-18-58, Cl. 219-37.
- Reno, Leo J. Dual scriber. 2,833,041, 5-6-58, Cl. 33-41.
- Reno, Marion. Tie-down clamp for pick up trucks. 2,866,248, 12-30-58, Cl. 24-248.
- Reno, Ralph B., to Horix Mfg. Co. Valve for liquid filling apparatus. 2,839,094, 6-17-58, Cl. 141-84.
- Reno, Robert A., to C. J. Spiewak. Brush holder. 2,852,144, 9-16-58, Cl. 211-65.
- Reno, Roy E. Composition and method for preventing putty stains. 2,859,126, 11-4-58, Cl. 117-6.
- Renold, Adolph, and W. J. Van Loo, Jr., to American Cyanamid Co. Warp size containing dicyandiamide and a polyacrylate salt. 2,845,689, 8-5-58, Cl. 28-80.
- Renold Chains Ltd.: *See—*
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- Renou, Georges, to Forges & Ateliers de Constructions Electriques de Jeumont. Artillery casing. 2,845,865, 8-5-58, Cl. 102-43.
- Renoux, Kenneth L. Angularly adjustable, multiple-socket wrench. 2,834,237, 5-13-58, Cl. 81-57.5.
- Renshaw, Theodore A.: *See—*
- Lamson, Edward R., and Renshaw. 2,860,151.
- Renshaw, Theodore A., and E. R. Lamson. Method for grease manufacture utilizing fused metallic soaps. 2,861,950, 11-25-58, Cl. 252-32.
- Renson, Albert. Centrifugal pump. 2,853,017, 9-23-58, Cl. 103-87.
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- Rentschler, Karl F., to Alfred Gauthier G. m. b. H. Photographic shutter for stereoscopic cameras. 2,859,674, 11-11-58, Cl. 95-11.5.
- Rentschler, Waldemar T., to Alfred Gauthier, G. m. b. H. Photographic shutter. 2,857,829, 10-28-58, Cl. 95-59.
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- Renwood Industrial Development Co., Inc.: *See—*
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- Renz, Emil K., to Knight Leather Products, Inc. Case for personal use. 2,822,013, 2-4-58, Cl. 150-34.
- Renz, Emil K., and G. Miller, to Knight Leather Products, Inc. Toilet case construction. 2,819,749, 1-14-58, Cl. 150-34.
- Renzoni, Louis S., and W. V. Barker, to The International Nickel Co., Inc. Electrolytic recovery of nickel. 2,839,461, 6-17-58, Cl. 204-113.
- Reomer, Theodore O., to L. C. Krzinski. Shovel attachment for bulldozers. 2,824,391, 2-25-58, Cl. 37-117.5.
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- Repass, George E., to Draper Corp. Bobbin loading machine. 2,856,740, 10-21-58, Cl. 53-61.
- Repholz, Jacob J. Display cabinet. 2,819,546, 1-14-58, Cl. 40-102.
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- Repko, Louis L., to Ford Motor Co. Valve timing mechanism. 2,823,655, 2-18-58, Cl. 123-90.
- Repko, Louis L., and C. G. Ashlin, to Ford Motor Co. Valve rotating means. 2,838,036, 6-10-58, Cl. 123-90.
- Repkow, George W. Stop light control arrangement. 2,833,880, 5-6-58, Cl. 200-83.
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- Reppe, Walter, H. Friederich, and H. Lautenschlager, to Badische Anilin- & Soda-Fabrik Akt. Complex heavy metal salts. 2,854,458, 9-30-58, Cl. 260-326.5.
- Reproducers and Amplifiers Ltd.: *See—*
- Willson, Harry C. 2,864,155.
- Republic Aviation Corp.: *See—*
- Doyle, William H., and O'Donnell. 2,863,618.
- Harris, Lewis B. 2,862,390.
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- Kaplan, Richard D. 2,828,093.
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- Shepard, George A. 2,819,207.
- Townsend, John E., and Myers. 2,866,503.
- Republic Tool & Die Corp.: *See—*
- McRoskey, John W., and L. H. 2,855,070.
- Requa, Roy, and M. E. Anderson; said Requa assor. to Free Lock Corp. Cam operated transversely moving positive pawl clutch. 2,846,039, 8-5-58, Cl. 192-71.
- Resch, Joseph N., to V. Mueller & Co. Retractor. 2,850,008, 9-2-58, Cl. 128-20.
- Reschke, Anna C. Pottery transfer brushing machine. 2,849,820, 9-2-58, Cl. 41-11.
- Rescsanski, Joseph A.: *See—*
- Taylor, Douglas E., Sherman, Skoog, and Rescsanski. 2,847,223.
- Research Aktiebolag: *See—*
- Olsson, Ingemar. 2,859,671.

- Research Corp.: *See*—
 Berkman, John W. 2,863,287.
 Boley, Forrest I. 2,820,940.
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 Burton, Charles L., and van Hoesen. 2,842,938.
 Carpino, Louis A. 2,845,429.
 Davis, Albert S., Jr. 2,826,166.
 Draper, Charles S., and Emmerich. 2,853,287.
 Grohe, Lester R. 2,855,782.
 Guldemond, John. 2,853,151.
 Hall, Herbert J., and White. 2,841,239.
 Hall, Herbert J., and White. 2,864,456.
 Harrington, John V., and Rosen. 2,850,573.
 Kaloyereas, Socrates A. 2,856,292.
 Kaye, Joseph, and Hatsopoulos. 2,856,160.
 Lenehan, Joseph W. 2,841,238.
 Lenehan, Joseph W. 2,853,150.
 Mobley, Ralph C. 2,853,645.
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 Proctor, Bernard E., and Goldblith. 2,832,689.
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 Shreve, Randolph N., and Charlesworth. 2,863,859.
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 Streuber, Rudolf G. 2,843,215.
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 Taylor, Richard, Rex, and Kuntzleman. 2,847,008.
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 Wilson, Robert W. 2,834,173.
 Wintermute, Harry A. 2,841,240.
 Wintermute, Harry A. 2,849,395.
 Wintermute, Harry A. 2,860,723.
- Research-Cottrell, Inc.: *See*—
 Byerly, Carl W. 2,826,262.
 Ellenberger, Paul F. 2,841,241.
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- Research Institute For Iron, Steel and Other Metals of The Tohoku University, The: *See*—
 Obinata, Ichiji, and Komatsubara. 2,856,659.
- Research Laboratories, Inc.: *See*—
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- Research Products Corp.: *See*—
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 Frohmader, Stanley H. 2,865,466.
- Reserve Mining Co.: *See*—
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 Petrell, Wilfred M. 2,859,939.
- Resina Automatic Machinery Co., Inc.: *See*—
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- Resistance Welder Corp.: *See*—
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- Resistoflex Corp.: *See*—
 Press, Irving D. 2,853,319.
 Press, Irving D. 2,865,094.
 Schuman, Paul D., and Chu. 2,863,174.
- Reske, Norman W., to Studebaker-Packard Corp. Water cooled exhaust manifold. 2,858,667, 11-4-58, Cl. 60-31.
- Resko, Paul V., and F. Whitworth, to The Sprague Meter Co. Combination regulator and meter index ring mounting 2,844,962, 7-29-58, Cl. 73-199.
- Resnik, Arnold E., to the United States of America as represented by the Secretary of the Navy. Pulse generator. 2,826,693, 3-11-58, Cl. 250-36.
- Ress, Thomas I., to International Business Machines Corp. Electrooptical shift register system. 2,833,936, 5-6-58, Cl. 250-208.
- Ressler, Newton. Method of electrophoresis of serum proteins. 2,843,540, 7-15-58, Cl. 204-180.
- Rethel, Walter: *See*—
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- Retherford, Roy V. Shiftable platform for wheel aligning machine. 2,821,790, 2-4-58, Cl. 33-203.12.
- Rethmeier, Ernest A. Wall section for dwelling. 2,836,861, 6-3-58, Cl. 20-4.
- Retterath, Valentin, to Groov-Pin Corp. Equipment for forming chiseled grooves in rods or the like. 2,865,238, 12-23-58, Cl. 78-20.
- Rettie, George W. Alarm switch. 2,840,655, 6-24-58, Cl. 200-61.62.
- Rettig, David F. Fish hook baiter. 2,846,803, 8-12-58, Cl. 43-4.
- Rettig, Werner. Automatic toaster. 2,850,961, 9-9-58, Cl. 99-387.
- Rettinger, Michael, to Radio Corp. of America. Magnetic heads and replaceable pole cap assemblies therefor. 2,861,135, 11-18-58, Cl. 179-100.2.
- Retz, Carl R. End thrust rotary planing tool. 2,839,108, 6-17-58, Cl. 144-219.
- Retz, William B., to The New Britain Machine Co. Chucking means. 2,823,041, 2-11-58, Cl. 279-66.
- Retz, William B., to The New Britain Machine Co. Chuck positioning means. 2,837,205, 6-3-58, Cl. 198-210.
- Retz, William B., and G. A. Cardell, to The New Britain Machine Co. Locating and locking mechanism for a machine tool. 2,860,730, 11-18-58, Cl. 188-69.
- Retzer, Theodore C., to United States of America as represented by the Secretary of the Navy. Electric heater for discharge lamps. 2,820,164, 1-14-58, Cl. 313-15.
- Reudink, Hendrik L., to Shell Development Co. Method for a calcium soap grease containing a hydrocarbon wax. 2,854,409, 9-30-58, Cl. 252-40.5.
- Reul, Raymond I.: *See*—
 Page, James H., Nix, and Reul. 2,862,645.
- Reuland, Howard R. Food smoking appliance. 2,842,043, 7-8-58, Cl. 99-259.
- Reuman, Paul B. Package. 2,834,686, 5-13-58, Cl. 99-171.
- Reure, Germain M. R. and F. G. Paris, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, and Etat Français, Ministère de la Defense Nationale, represented by the Directeur Central des Poudres. Apparatus for generating smoke, fog, aerosols and layers of gas or dispersions. 2,836,567, 5-27-58, Cl. 252-359.
- Reuschle, Georg, W. Ochel, and K. Ditzgen, to Felten & Guillaume Carlswerk Aktiengesellschaft. High pressure tanks for oil cable installations. 2,826,629, 3-11-58, Cl. 174-11.
- Reusser, Robert E.: *See*—
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 Schnitzer, Anton M., and Reusser. 2,857,389.
- Reustle, Frank A. Chicken brooding and raising apparatus. 2,826,170, 3-11-58, Cl. 119-34.
- Reuter, Clarence J. Overlay read-out device. 2,864,337, 12-16-58, Cl. 120-33.
- Reuter, Frederic W., Jr.: *See*—
 Stokes, Arthur J., and Reuter. 2,864,023.
- Reuter, Henry G., Jr., to Radio Corp. of America. Electrostatic printing. 2,851,988, 9-16-58, Cl. 118-637.
- Reuter, Lothar: *See*—
 Trieschmann, Hans G., Reuter, and Arend. 2,831,018.
- Reuter, Martin: *See*—
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 Orthner, Ludwig, and Reuter. 2,844,551.
- Reuter, Paul A.: *See*—
 Heyman, Karl, Carroll, and Reuter. 2,828,715.
- Reuter, Raymond, to National Aluminate Corp. Ceramic materials and silica sol compositions for the preparation thereof. 2,856,302, 10-14-58, Cl. 106-38.3.
- Reuther, John F.: *See*—
 Silliman, Sheldon D., and Reuther. 2,845,548.
- Reuther, John F., and S. D. Silliman, to Westinghouse Electric Corp. Circuit breaker control system. 2,845,583, 7-29-58, Cl. 317-54.
- Reutter, Jean L. Movable equipment for electro-magnetically controlled devices. 2,832,919, 4-29-58, Cl. 317-188.
- Revell, Donald H.: *See*—
 Strauss, Gus, and Revell. 2,829,743.
- Revell, Otto M. Jig saw chuck. 2,834,600, 5-13-58, Cl. 279-107.
- Revercomb, Henry E., to General Electric Co. Direct current restoration circuits. 2,825,758, 3-4-58, Cl. 178-7.5.
- Reverdin, Daniel, to Compagnie Generale de Telegraphie Sans Fil. Travelling wave tubes of the magnetron type. 2,833,956, 5-6-58, Cl. 315-3.5.
- Revere Camera Co.: *See*—
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- Revere Copper and Brass Inc.: *See*—
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- Revere Corp. of America: *See*—
 MacDonald, Dennison H., and Harris. 2,837,620.
- Revilock, Joseph F.: *See*—
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- Revlon Implement Corp.: *See*—
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- Revolva Products, Inc.: *See*—
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- Revolve Corp.: *See*—
 Poole, Myron C. 2,820,991.
- Rex, Carl A. M., $\frac{1}{2}$ to J. F. Govan and $\frac{1}{2}$ to R. H. Govan. Method of coating and resulting product. 2,826,512, 3-11-58, Cl. 117-70.
- Rex, Carl A. M., $\frac{1}{2}$ to J. F. Govan and $\frac{1}{2}$ to R. H. Govan. Method of coating. 2,858,235, 10-28-58, Cl. 117-65.
- Rex Corp., The: *See*—
 Foss, Philip W. 2,863,170.
- Rex, Donald K.: *See*—
 Jurgens, Henry A., and Rex. 2,862,555.
 Mahmros, Gustav V. A., and Rex. 2,834,919.
 Taylor, Richard, Rex, and Kuntzleman. 2,847,008.
- Rex, Donald K., to International Business Machines Corp. Wire printer. 2,820,593, 4-8-58, Cl. 101-93.
- Rex Roto Corp.: *See*—
 Heideman, Homer G. 2,842,234.
- Rex, W. H.: *See*—
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- Rex, Walter A., to Esso Research and Engineering Co. Method of heat transfer in catalyst reforming. 2,854,402, 9-30-58, Cl. 208-135.
- Rex, Walter A., and C. E. Jahnig, to Esso Research and Engineering Co. Method of heat supply for a catalytic hydroforming process through the use of inert heat-carrying material. 2,844,522, 7-22-58, Cl. 196-52.
- Rexall Drug Co.: *See*—
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- Rexer, Edward F., to Minneapolis-Honeywell Regulator Co. Method of producing electron emitting cathodes. 2,844,494, 7-22-58, Cl. 117-213.
- Rexolit Holzstoffplatten Ges. m. b. H.: *See*—
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- Reyraud, Francis, and G. Terraz, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process of separating nickel and cobalt. 2,842,427, 7-8-58, Cl. 23-183.
- Reyburn, Richard J., and L. R. Malling, to General Dynamics Corp. Frequency responsive system having two slope-tuned amplifiers with differential control of gain. 2,858,422, 10-28-58, Cl. 250-20.
- Reygagne, Leonce M., to Societe Metallurgique d'Imphy. Process for manufacturing special iron. 2,832,682, 4-29-58, Cl. 75-41.
- Reykjalin, Charles, to Koren Research & Engineering Co. Coupling apparatus. 2,825,437, 3-4-58, Cl. 192-105.
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- Reymond, Michel, to Societe Civile d'Etude de Procédés de Scellement. Explosively actuated gun. 2,859,444, 11-11-58, Cl. 1-106.
- Reymond, William G., to Esso Research and Engineering Co. Combination catalytic cracking process. 2,859,172, 11-4-58, Cl. 208-87.
- Reynaud, Francis: See—
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- Reynaud, Francis, G. Gravey, and A. Roth, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process of acidic attack of arseniureted ores, particularly of cobalt and/or of nickel. 2,829,966, 4-8-58, Cl. 75-112.
- Reynaud, Francis, and P. Claraz, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process of extracting gold and other metals from ores, concentrates, residues and the like containing principally cobalt, nickel, iron, arsenic and gold. 2,835,569, 5-20-58, Cl. 75-118.
- Reynaud, Francis, G. Gravey, and A. Roth, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process of removing arsenic from hydrochloric acid suspensions of arsenids and sulpharsenide ores utilizing gaseous chloride. 2,860,047, 11-11-58, Cl. 75-112.
- Reynaud, Samuel C. Awning type window structure. 2,856,649, 10-21-58, Cl. 20-42.
- Reynes-Coles, John M. R., and E. Wesson, to B. Toone (Nottingham), Ltd. Selecting mechanism for circular knitting machines. 2,854,833, 10-7-58, Cl. 66-40.
- Reyniers & Son: See—
Trexler, Philip C. 2,842,773.
- Reynolds, Albert H.: See—
Drigot, Stanley W., Lebalt, Minow, and Reynolds. 2,837,432.
- Reynolds, Andrew C., Jr., to International Business Machines Corp. Relay circuit. 2,841,748, 7-1-58, Cl. 317-137.
- Reynolds, Andrew C., Jr., to General Time Corp. Coded-signal relay. 2,852,704, 9-16-58, Cl. 307-140.
- Reynolds, Andrew C., Jr., to General Time Corp. Coded signal relay. 2,852,705, 9-16-58, Cl. 307-140.
- Reynolds, Claude T., to Olin Mathieson Chemical Corp. Ammunition. 2,818,810, 1-7-58, Cl. 102-42.
- Reynolds, Delbert D.: See—
Laakso, Thomas M., and Reynolds. 2,856,384.
- Reynolds, Delbert D., to Eastman Kodak Co. Process for the preparation of ethylene sulfide. 2,828,818, 3-25-58, Cl. 260-327.
- Reynolds, Delbert D., and T. M. Laakso, to Eastman Kodak Co. Linear polyesters of bis (N-p-carboxyphenyl) alkylene diamides and manufacture thereof. 2,848,439, 8-10-58, Cl. 260-75.
- Reynolds, Donald C., to United States of America, Air Force. Cadmium sulfide barrier layer cell. 2,844,640, 7-22-58, Cl. 136-89.
- Reynolds, Dwight W. Road guide. 2,846,159, 8-5-58, Cl. 242-67.1.
- Reynolds, Edward, 25% to J. F. Purdy. Dispensing device. 2,852,170, 9-16-58, Cl. 222-439.
- Reynolds, Edward H., to British Insulated Callenders Cables Ltd. Heat sensitive electric cables. 2,842,648, 7-8-58, Cl. 201-63.
- Reynolds, Ellwood W., to Western Electric Co., Inc. System for maintaining a straight seam in the manufacture of tubing. 2,857,871, 10-28-58, Cl. 113-59.
- Reynolds, Elmer E. Electro-magnetic attenuator. 2,832,829, 4-29-58, Cl. 179-1.
- Reynolds, Eugene E.: See—
Dustin, Howard M., and Reynolds. 2,835,540.
- Reynolds, Eugene E., to Marchant Calculators, Inc. Binary value calculator. 2,829,822, 4-8-58, Cl. 235-61.
- Reynolds, Eugene E., to Marchant Calculators, Inc. Binary relay. 2,830,236, 4-8-58, Cl. 317-189.
- Reynolds, Eugene R. Valve. 2,844,942, 7-29-58, Cl. 60-97.
- Reynolds, Francis D., to Boeing Airplane Co. Make-before-break relays. 2,836,673, 5-27-58, Cl. 200-87.
- Reynolds, Francis D., to Boeing Airplane Co. Magnetically self-returning ball armature relays. 2,859,297, 11-4-58, Cl. 200-87.
- Reynolds Gas Regulator Co.: See—
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Hughes, George C. 2,854,996.
- Reynolds, George A.: See—
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- Reynolds, Gilbert I., and A. A. Tallquist, to Ederer Engineering Co. Machine for bonding kraft paper to veneer sheet. 2,822,840, 2-11-58, Cl. 144-279.
- Reynolds, Harold C.: See—
Garber, John D., and Reynolds. 2,851,499.
- Reynolds, Harold C., to Ingersoll-Rand Co. Rotary impact tool. 2,821,276, 1-28-58, Cl. 192-30.5.
- Reynolds, Harold C., to Ingersoll-Rand Co. Spring holder. 2,822,677, 2-11-58, Cl. 64-13.
- Reynolds, Harold C., to Ingersoll-Rand Co. Control device for hoists. 2,831,554, 4-22-58, Cl. 192-3.
- Reynolds, Harold C., to Ingersoll-Rand Co. Feed through socket. 2,848,916, 8-26-58, Cl. 81-121.
- Reynolds, Henry W., and A. K. Simmons. Lading band anchor. 2,856,865, 10-21-58, Cl. 105-369.
- Reynolds, James O.: See—
Harris, Albert T., and Reynolds. 2,866,670.
- Reynolds, John A., to Picker X-ray Corp. Centering device for X-ray apparatus. 2,823,316, 2-11-58, Cl. 250-58.
- Reynolds, John D.: See—
Odell, Alexander D., Reynolds, and Harrild. 2,860,259.
- Reynolds, Lionel A., to Tanges Ltd. Hydraulic or pneumatic rams. 2,839,032, 6-17-58, Cl. 121-46.
- Reynolds, Manning S., to Central Scientific Co. Syringe device for supplying repeatable sample volumes. 2,855,928, 10-14-58, Cl. 128-218.
- Reynolds, Marvin J.: See—
Franklin, Laurence W., and Reynolds. 2,843,660.
- Reynolds, Meredith W.: See—
Murphy, Russell C., and Reynolds. 2,849,819.
- Reynolds, Merrill E. Tractor brake control. 2,844,046, 7-22-58, Cl. 74-542.
- Reynolds Metals Co.: See—
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Chapman, James R. 2,866,590.
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Staples, Paul R. 2,857,660.
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Thomas, Jesse B. 2,821,845.
- Reynolds, Noel S., to Federal-Mogul-Bower Bearings, Inc. Floating seal. 2,823,966, 2-18-58, Cl. 308-187.1.
- Reynolds, Orvel B., to Phillips Petroleum Co. Tubing anchor with slip-releasing mechanism. 2,827,966, 3-25-58, Cl. 166-212.
- Reynolds, Orvel B., to Phillips Petroleum Co. Flow-responsive device. 2,853,575, 9-23-58, Cl. 200-81.9.
- Reynolds, Percival L., to Chicago Rawhide Mfg. Co. Scraper seal. 2,833,577, 5-6-58, Cl. 288-3.
- Reynolds, Peter W., and E. B. Bates, to Imperial Chemical Industries Ltd. Production of compressed pellets or tablets from finely divided solid materials. 2,838,802, 6-17-58, Cl. 18-55.
- Reynolds, R. J., Tobacco Co.: See—
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- Reynolds, Reginald J. W., and E. J. Vickers, to Imperial Chemical Industries Ltd. New hydroxy-carboxylic acid and condensation thereof. 2,848,441, 8-19-58, Cl. 260-78.3.
- Reynolds, Reginald J. W., and E. J. Vickers, to Imperial Chemical Industries Ltd. New lactone. 2,853,474, 9-23-58, Cl. 260-78.3.
- Reynolds, Robert W.: See—
Naill, Eugene J., and Reynolds. 2,839,959.
- Reynolds, Schuyler. Tiltable chute competitive game apparatus. 2,846,226, 8-5-58, Cl. 273-110.
- Reynolds, Schuyler. Educational game apparatus. 2,866,275, 12-30-58, Cl. 35-9.
- Reynolds, Stephen G., 50% to T. C. Bushong. Dual chambered fluid power device. 2,858,770, 11-4-58, Cl. 103-157.
- Reynolds, Vining T., to Southwestern Industrial Electronics Co. Vibration record interpreter. 2,825,835, 3-4-58, Cl. 340-15.
- Reynolds, Warren S.: See—
Ervine, Albert W. G., Melick, and Reynolds. 2,827,036.
Ervine, Albert W. G., and Reynolds. 2,848,855.
- Reynolds, Warren S., Sr.: See—
Collins, William W., Melick, and Reynolds. 2,849,980.
- Reynolds, William. Portable thermocabinet. 2,823,902, 2-18-58, Cl. 257-4.
- Reynolds, William B., and R. E. Reusser, to Phillips Petroleum Co. Heterocyclic nitrogen compound polymer inhibitors. 2,861,998, 11-25-58, Cl. 260-290.
- Reynolds, William D.: See—
Randles, Guy S., and Reynolds. 2,820,378.
- Reynolds, William E., and V. A. Fusco, to United States of America, Army. Ammunition belt connector and disintegrator. 2,866,388, 12-30-58, Cl. 89-35.
- Reynolds, Zack D.: See—
Chubb, Howard E., and Reynolds. 2,863,227.
- Rezabek, Vernon E.: See—
Kirchler, Lewis, and Rezabek. 2,852,871.

- Rezek, Gerard, to Fox Products Co. Magnetic flux method of and means for measuring the density of direct current. 2,832,046, 4-22-58, Cl. 324-117.
- Reznek, Solomon, to Cook Waite Laboratories, Inc. Device for demonstrating effects of varying injection rates. 2,843,934, 7-22-58, Cl. 32-71.
- Reznek, Solomon, to Sterling Drug Inc. Sterile ampule package. 2,863,524, 12-23-58, Cl. 215-6.
- Reznik, Samuel: *See*—
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- Rhea, Wallace C. Light dividing optical device. 2,835,159, 5-20-58, Cl. 88-1.
- Rhee Elastic Thread Corp.: *See*—
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- Rheeling Safety Splash Guard Co.: *See*—
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- Rheeling, Victor S., to V. S. Rheeling and H. Berg, d. b. a. Rheeling Safety Splash Guard Co. Guard. 2,843,954, 7-22-58, Cl. 40-129.
- Rheeling, Victor S., to V. S. Rheeling and H. Berg, d. b. a. Rheeling Safety Splash Guard Co. Truck wheel guard and support for warning sign. 2,844,388, 7-22-58, Cl. 280-152.
- Rheem Mfg. Co.: *See*—
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- Rhein-Chemie G. m. b. H.: *See*—
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- Rheingold, Lawrence M.: *See*—
Berlin, Milton, and Rheingold. 2,850,096.
- Rheinisch-Westfälische "Resision" Treuhand Aktie. (Treuhand Aktie.): *See*—
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- Rheinisch-Westfälische "Revision" Treuhand Akt. (Treuhand Akt.): *See*—
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- Rheinpreussen Akt. für Bergbau und Chemie: *See*—
Kolbel, Herbert. 2,852,344.
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- Rheinpreussen Aktiengesellschaft fuer bergbau und Chemie: *See*—
Grimme, Walter, and Emde. 2,822,379.
- Rhenby, James C., to the United States of America as represented by the Secretary of the Army. Sulphuric acid concentrator drum. 2,830,882, 4-15-58, Cl. 23-276.
- Rheum Rheinsche Werkzeug- und Metallwaarenfabrik, G. m. b. H.: *See*—
Brüninghaus, Paul. 2,865,505.
- Rhinchart Development Corp.: *See*—
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- Rhinchart, Wayne A.: *See*—
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- Rhineland Paper Co.: *See*—
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Tuttle, John N. 2,849,153.
- Rhino, Delmar H.: *See*—
Wendt, Henry T., and Rhino. 2,865,084.
- Rhoades, Harry L.: *See*—
Baker, Albert A., and Rhoades. 2,819,473.
- Rhoades, John M., to General Electric Co. Three-dimension servosystem transducer. 2,866,153, 12-23-58, Cl. 323-75.
- Rhoades, Robert B., to V-M Corp. Mechanism for wire and tape recording and playing apparatus. 2,845,230, 7-29-58, Cl. 242-55.12.
- Rhoads, Benjamin J., Jr., to Pan American Petroleum Corp. Tubing scraper. 2,865,455, 12-23-58, Cl. 166-170.
- Rhoads, Millard A., to Auto Specialties Mfg. Co. Hydraulic jack. 2,835,541, 5-20-58, Cl. 309-2.
- Rhodes, Alan, R. Crosse, and T. P. Ferguson, to Glaxo Laboratories Ltd. Production of griseofulvin in low nitrogen level medium. 2,843,527, 7-15-58, Cl. 195-81.
- Rhodes, Albert J., to American Forging & Socket Co. Swivel type adjustable seat track assembly. 2,851,083, 9-9-58, Cl. 155-5.
- Rhodes, Allen F., to G. A. Butler. Pipe suspension and sealing means with means to limit compression of the seal. 2,824,757, 2-25-58, Cl. 285-146.
- Rhodes, Allen F., to G. A. Butler. Combined sealing plug and tubing hanger. 2,830,666, 4-15-58, Cl. 166-86.
- Rhodes, Chester R.: *See*—
Eisenberg, Irwin W., Dibble, Armstrong, Love, and Rhodes. 2,863,325.
- Rhodes, Chester R., to Electronic Specialty Co. Straight-through relays. 2,825,782, 3-4-58, Cl. 200-87.
- Rhodes, Edwin C., and D. W. Rhys, to The International Nickel Co., Inc. Fabricated gas turbine structures. 2,824,359, 2-25-58, Cl. 29-194.
- Rhodes, Harold, to Western Electric Co., Inc. Attachment for "center-mike" vernier calipers. 2,824,375, 2-25-58, Cl. 33-143.
- Rhodes, Hubert F., to Phillips Petroleum Co. Emulsion breaking in crude oil desalting operations. 2,830,957, 4-15-58, Cl. 252-328.
- Rhodes, Joseph C.: *See*—
Birkness, Harold A., and Rhodes. 2,846,143.
- Rhodes, Joseph C., and J. P. Segers, to Standard Oil Co. Continuous automatic viscosimeter. 2,834,200, 5-13-58, Cl. 73-55.
- Rhodes, Joseph C., and S. F. Kapff, to Standard Oil Co. Light ends recorder. 2,847,852, 8-19-58, Cl. 73-53.
- Rhodes, Joseph C., J. P. Segers, and A. V. Lacko, to Standard Oil Co. Automatic constant rate sample feeder. 2,859,620, 11-11-58, Cl. 73-421.
- Rhodes, Joseph C., R. B. Jacobs, and J. P. Segers, to Standard Oil Co. Thermally compensating vapor pressure measuring system. 2,866,339, 12-30-58, Cl. 73-407.
- Rhodes, Kenneth E.: *See*—
Furman, Frank J., Koranye, and Rhodes. 2,842,246.
- Rhodes, Kenneth E., and W. W. Wagner, to International Business Machines Corp. Record positioning device. 2,860,758, 11-18-58, Cl. 197-133.
- Rhodes, Melvin H., to Collins Radio Co. Means for providing linear indications of shaft rotations greater than ninety degrees. 2,848,711, 8-19-58, Cl. 340-207.
- Rhodes, Mordy M., and C. K. Puda. Phonograph pickup. 2,837,339, 6-3-58, Cl. 274-23.
- Rhodes, Roland N.: *See*—
Presig, Joseph O., and Rhodes. 2,829,335.
- Rhodes, Roland N., to Radio Corp. of America. Delta connected color television demodulator. 2,827,513, 3-18-58, Cl. 178-5.4.
- Rhodes, Roland N., to Radio Corp. of America. Overload protection circuits. 2,832,823, 4-29-58, Cl. 178-7.5.
- Rhodes, Roland N., to Radio Corp. of America. Color television. 2,858,367, 10-28-58, Cl. 178-5.4.
- Rhodes, Russell E.: *See*—
Ferland, Robert J., and Rhodes. 2,822,314.
- Rhodes, Russell E., and B. M. Sutton, to Smith, Kline & French Laboratories. N'-acyl-N''-(5-ethyl-1,3,4-thiadiazole-2-yl)-sulfanilamides. 2,848,448, 8-19-58, Cl. 260-239.95.
- Rhodes, Thomas J., to United States Rubber Co. Rubber shaping and vulcanizing apparatus. 2,842,796, 7-15-58, Cl. 18-12.
- Rhodes, William A., and H. E. Etches, to The Garrett Corp. Solenoid valve. 2,860,850, 11-18-58, Cl. 251-139.
- Rhodin, Thor N., Jr., to E. I. du Pont de Nemours, and Co. Niobium base high temperature alloys. 2,838,395, 6-10-58, Cl. 75-174.
- Rhodin, Thor N., Jr., to E. I. du Pont de Nemours, and Co. Metal production. 2,838,396, 6-10-58, Cl. 75-174.
- Rhowmine, Lavinia B. Child's bib and tray cover. 2,822,548, 2-11-58, Cl. 2-49.
- Rhyne, Earl C.: *See*—
Carl, Wellington C., and Rhyne. 2,853,666.
- Rhyne, John W. Jr. Sodium bismuthate cell. 2,828,350, 3-25-58, Cl. 136-102.
- Rhyne, John W. Jr., to Hamilton Watch Co. Molybdenum anode cell. 2,837,590, 6-3-58, Cl. 136-100.
- Rhyne, John W. Jr., to Hamilton Watch Co. Germanium anode cell. 2,837,591, 6-3-58, Cl. 136-100.
- Rhyne, William J.: *See*—
Blickwedel, Theodore W., and Rhyne. 2,831,140.
- Rhyner, Paul, to Ciba Ltd. Monoazo dyestuffs. 2,853,483, 9-23-58, Cl. 260-205.
- Rhyner, Paul, H. Stern, and J. Wegmann, to Ciba Ltd. Process for dyeing or printing fibers of polyacrylonitriles. 2,819,943, 1-14-58, Cl. 8-55.
- Rhys, Cyril O., Jr.: *See*—
Borey, Daniel S., and Rhys. 2,843,460.
- Rhys, David W.: *See*—
Rhodes, Edwin C., and Rhys. 2,824,359.
- Ri-Ri-Werk A. G.: *See*—
Moser, Friedrich. 2,839,806.
- Riall, Charles T., to American Cyanamid Co. Cutting edge suture needle. 2,841,150, 7-1-58, Cl. 128-339.
- Riat, Henri, to Ciba Ltd. Cupriforous disazo-dyestuffs. 2,820,783, 1-21-58, Cl. 260-148.
- Riat, Henri, to Ciba Ltd. Direct-dyeing cupriforous disazo-dyestuffs. 2,832,761, 4-29-58, Cl. 260-148.
- Riat, Henri, to Ciba Ltd. Cupriforous azo-dyestuffs. 2,837,507, 6-3-58, Cl. 260-146.
- Riat, Henri, to Ciba Ltd. New azo-dyestuffs. 2,843,581, 7-15-58, Cl. 260-158.
- Riat, Henri, and R. Gunst, to Ciba Ltd. Metalliferous azo-dyestuffs. 2,831,848, 4-22-58, Cl. 260-146.
- Ribaud, George L.: *See*—
Eversole, William G., Thomas, and Ribaud. 2,819,887.
- Ribando, Andrew A., S. Noster, and R. P. Clausen. Furnace system for heating air and water. 2,827,893, 3-25-58, Cl. 126-101.
- Ribaux, Paul A., to Ford Motor Co. Variable injection dephaser. 2,860,619, 11-18-58, Cl. 123-139.
- Ribeiro, Anthony. Braking device for jewelry molds. 2,857,638, 10-28-58, Cl. 22-65.
- Ribera, Leonard, to The Texas Co. Soldering flux. 2,838,433, 6-10-58, Cl. 148-25.
- Ribeyre, Claude F. A., to Lignes Telegraphiques & Telephoniques. Ringing signal receiver including non-linear elements for telecommunication systems. 2,838,613, 6-10-58, Cl. 179-84.
- Riblet, Henry J. Top wall hybrid junctions. 2,833,993, 5-6-58, Cl. 333-11.
- Riblet, Henry J. Scaffold apparatus. 2,854,291, 9-30-58, Cl. 304-10.
- Riblet, Henry J. Combined scaffold bracket and lock. 2,834,293, 9-30-58, Cl. 304-30.
- Riblett, Earl W., and H. G. McGrath, to The M. W. Kellogg Co. Synthesis of organic compounds and catalyst therefor. 2,850,515, 9-2-58, Cl. 260-449.6.

- Ricardo & Co., Engineers (1927) Ltd.: See—
Holt, George A.: 2,821,177.
- Riccardi, Samuel A.: See—
Nicolaissen, Bernard H., and Riccardi. 2,822,393.
- Ricci, Domingo C. Key holder and selector. 2,837,909, 6-10-58, Cl. 70—456.
- Ricciardi, Louis G., and J. P. De Geronimo, to Colgate-Palmolive Co. Process for the preparation of fatty amides. 2,843,612, 7-15-58, Cl. 260—404.
- Riccio, Vincent. Box structure. 2,849,142, 8-26-58, Cl. 217—65.
- Rice, Arthur W., and G. W. Crawford. Retaining holder for elongated flexible articles. 2,841,849, 7-8-58, Cl. 24—120.
- Rice Barton Corp.: See—
Cirrito, Anthony J.: 2,847,913.
Cirrito, Anthony J.: 2,854,895.
Clem, Everett W.: 2,837,293.
Clem, Everett W.: 2,844,928.
Curtenius, Frederick B.: 2,864,447.
- Rice, David: See—
Ford, Tiley L., Shaw, Howell, Pfaff, and Rice. 2,860,198.
- Rice, Ernest G. Combination stockings and panty. 2,826,760, 3-18-58, Cl. 2—224.
- Rice, Frank L.: See—
Engstrom, Thor, and Rice. 2,846,090.
- Rice, Frederick H. Container for phonograph record. 2,848,106, 8-19-58, Cl. 206—62.
- Rice, George F.: See—
Carlo, H.: Rice, Birkeland, Koozin, Duncan, and Kinda. 2,844,073.
- Rice, Harlan M.: See—
Finelli, Anthony F., and Rice. 2,850,424.
- Rice, Harold B.: See—
Aguilar, John G., and Rice. 2,846,835.
Aguilar, John G., and Rice. 2,860,468.
- Rice, Henry T. M., to Cheminol Corp. Internal combustion engine. 2,838,035, 6-10-58, Cl. 123—65.
- Rice, Henry T. M., and R. T. Stevens, by decree of distribution to A. M. Stevens, executrix of D. Stevens, deceased. Torque compensating apparatus for tightening threaded fastening elements. 2,835,365, 5-20-58, Cl. 192—56.
- Rice, Henry T. M., and R. T. Stevens, to A. M. Stevens, executrix of the estate of D. Stevens, deceased, decree of distribution. Air and magnetic releasable torque transmitting apparatus. 2,842,240, 7-8-58, Cl. 192—56.
- Rice, Henry T. M., R. T. Stevens, and D. Stevens, deceased (by A. M. Stevens, executrix). Releasable torque transmitting apparatus. 2,863,541, 12-9-58, Cl. 192—56.
- Rice, James H., and J. W. Baur, to Binks Mfg. Corp. Pressure regulator. 2,827,919, 3-25-58, Cl. 137—505.47.
- Rice, James H., and V. R. Johnson, to Binks Mfg. Co. Electrostatic coating device with restricted fluid passageway opening adjacent sharp discharge edge. 2,860,599, 11-18-58, Cl. 118—626.
- Rice, James W.: See—
Matson, William R., Rice, and Wright. 2,857,878.
Rasmussen, Clarence R., and Rice. 2,861,676.
- Rice, Joseph: See—
Bray, Frederick H., King, and Rice. 2,850,571.
Wright, Esmond P. G., and Rice. 2,838,745.
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Wright, Esmond P. G., Rice, and Oxford. 2,831,150.
Wright, Esmond P. G., Weir, and Rice. 2,831,179.
- Rice, Leemon D., and R. W. Posegate, to Armour and Co. Method of trussing poultry. 2,842,443, 7-8-58, Cl. 99—107.
- Rice, Leonard L.: See—
Woolsey, Theodore A., Herman, and Rice. 2,841,420.
- Rice, Lyman A.: See—
Bolles, Julius H., and Rice. 2,840,768.
Bolles, Julius H., Rice, and Schneider. 2,858,497.
- Rice, Lyman A., to General Motors Corp. Electric circuit for motor vehicles. 2,828,426, 3-25-58, Cl. 307—10.
- Rice, Lyman A., to General Motors Corp. Electromagnetic device. 2,839,746, 6-17-58, Cl. 340—388.
- Rice, Lyman A., to General Motors Corp. Electrical regulator. 2,842,634, 7-8-58, Cl. 200—87.
- Rice, Lyman A., to General Motors Corp. Centrifugal switch. 2,847,530, 8-12-58, Cl. 200—80.
- Rice, Neil O., to General Electric Co. Electromagnetic device. 2,839,631, 6-17-58, Cl. 200—87.
- Rice, Neil O., to General Electric Co. Protective relaying equipment. 2,863,100, 12-2-58, Cl. 317—27.
- Rice, Robert D., to Pittsburgh Coke & Chemical Co. Distillable crude products. 2,822,322, 2-4-58, Cl. 202—70.
- Rice, Thomas K.: See—
Cole, James B., Jr., Edwards, and Rice. 2,832,213.
- Rice, Walter A., to Mohasco Industries, Inc. Method of making pile fabrics with loops of different height and apparatus for practicing the method. 2,842,079, 7-8-58, Cl. 112—79.
- Rice, Willard B., Jr., to Westinghouse Electric Corp. One-way brake for vertical motors. 2,824,625, 2-25-58, Cl. 188—82.84.
- Rice, William A. Wall of building blocks. 2,826,906, 3-18-58, Cl. 72—40.
- Rice, William A. Cigarette holder. 2,836,184, 5-27-58, Cl. 131—182.
- Rice, William F.: See—
Ackerman, Chester W.: 2,863,251.
- Rich, Arthur. Automatic protective windshield pad. 2,843,420, 7-15-58, Cl. 296—84.
- Rich, Carl, to Kinghurst Ltd. Flexible material panel. 2,858,410, 10-28-58, Cl. 219—46.
- Rich, Charles E., to Sperry Rand Corp. High frequency structure. 2,852,715, 9-16-58, Cl. 315—5.48.
- Rich, Charles E., and D. E. Kenyon, to Sperry Rand Corp. Reflex klystron oscillator tube. 2,825,844, 3-4-58, Cl. 315—5.22.
- Rich, Edward L. Paint spraying masks and method of making same. 2,863,384, 12-9-58, Cl. 101—127.
- Rich, George B.: See—
Gebert, Marshall K., and Rich. 2,834,616.
- Rich, George E., to Federal-Mogul-Bower Bearings, Inc. Lubricant circulator. 2,865,686, 12-23-58, Cl. 308—90.
- Rich, Gerald C., to Motorola, Inc. Semi-conductor unit. 2,861,228, 11-18-58, Cl. 317—235.
- Rich, Howard B. Stepladders. 2,844,292, 7-22-58, Cl. 228—58.
- Rich, James C. Adjustable throttle control indicator for automotive vehicles. 2,818,747, 1-7-58, Cl. 74—482.
- Rich, John P.: See—
Burling, Elmer R., and Rich. 2,823,986.
- Rich, John T., to American Enka Corp. Making a transfer tail. 2,855,747, 10-14-58, Cl. 57—34.
- Rich, Klinger Akt.: See—
Kruschik, Julius. 2,856,961.
- Rich, Stanley R.: See—
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- Rich, Stanley R., and W. Roth, to Bendix Aviation Corp. Temperature-compensated viscosimeter. 2,837,913, 6-10-58, Cl. 73—59.
- Rich, Theodore A., to General Electric Co. Sparking detector for dynamoelectric machines. 2,828,432, 3-25-58, Cl. 310—220.
- Rich, Theodore A., to General Electric Co. Electrical peak follower circuit. 2,834,933, 5-13-58, Cl. 323—22.
- Rich, Theodore A., to United States of America, Navy. Radiation survey system. 2,836,726, 5-27-58, Cl. 250—83.6.
- Rich, Theodore A., to General Electric Co. Dosimeter. 2,841,716, 7-1-58, Cl. 250—83.3.
- Rich, Theodore A., to General Electric Co. Light reflecting transducer device. 2,846,650, 8-5-58, Cl. 324—97.
- Rich, William D., and R. A. Lawrence, to Mason & Lawrence. Silo doorstep and latch device. 2,849,764, 9-2-58, Cl. 20—68.
- Rich, Wilson C., Jr.: See—
Gornowski, Edward J., Rich, Ernst, and Morbeck. 2,851,398.
Hemminger, Charles E., Martin, Rich, and Gornowski. 2,847,360.
- Richard, Albert: See—
Metral, Charles, and Richard. 2,846,951.
- Richard, Alphonse J. Power lawnmower. 2,860,475, 11-18-58, Cl. 56—26.
- Richard, André P.: See—
Petitcolas, Pierre, Richard, Sureau, Roe, and Develotte. 2,858,301.
- Richard, Joseph D., Jr. Radio test signal generation. 2,837,636, 6-3-58, Cl. 250—20.
- Richard, Joseph J., to Link-Belt Co. Washing jig. 2,846,071, 8-5-58, Cl. 209—455.
- Richard, William E., and T. G. Scheitlin, to Whirlpool Corp. Refrigerator doors and door shelves. 2,840,433, 6-24-58, Cl. 312—214.
- Richard, William R., Jr., R. K. Stewart, and J. D. Calfee, to Monsanto Chemical Co. Polymerization of ethylene. 2,852,501, 9-16-58, Cl. 260—94.9.
- Richard, William R., Jr., and N. E. Jones, to Monsanto Chemical Co. Control of polyethylene process. 2,856,395, 10-14-58, Cl. 260—94.9.
- Richardin, Jacques: See—
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- Richards, Archer W.: See—
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- Richards, Archer W. Joint and connector used therein. 2,822,898, 2-11-58, Cl. 189—36.
- Richards, Archer W. Two-speed bicycle transmission. 2,825,246, 3-4-58, Cl. 74—781.
- Richards, Arthur J. Method and apparatus for swaying internal threads. 2,832,972, 5-6-58, Cl. 10—86.
- Richards, Augustus J., to Bonnar-Vawter, Inc. Delivery end mechanism. 2,863,663, 12-9-58, Cl. 271—69.
- Richards, Augustus J., and L. S. Wanda, to Bonnar-Vawter, Inc. Perforating blade holding means. 2,832,411, 4-29-58, Cl. 164—66.
- Richards, Donald W.: See—
Collins, John W., and Richards. 2,824,602.
- Richards, Earl. Warm air baseboard heating structure. 2,830,522, 4-15-58, Cl. 98—40.
- Richards, Elmer A., and J. B. Snoy, to General Motors Corp. Fuel system for gas turbine. 2,821,992, 2-4-58, Cl. 137—118.
- Richards, Ernest G. Delayed action mechanical rope cutter. 2,843,933, 7-22-58, Cl. 30—182.
- Richards, George B., to Liquid Controls Corp. Liquid valves. 2,821,994, 2-4-58, Cl. 137—433.
- Richards, George B., to Liquids Controls Corp. Rotary liquid displacement device. 2,835,204, 5-20-58, Cl. 103—125.
- Richards, George B., to Liquid Controls Corp. Rotary positive displacement device for liquids. 2,835,229, 5-20-58, Cl. 121—71.

- Richards, George M., to G. D. Searle & Co. 19-oxygenated derivatives of 17 α -oxa-D-homo-4-androstene-3,17-dione. 2,855,404, 10-7-58, Cl. 260-343.2.
- Richards, George W. F., to Lion Stamping Co. Ltd. Burners for vaporised liquid fuels. 2,855,030, 10-7-58, Cl. 158-89.
- Richards, Harold J. Grinding apparatus. 2,853,838, 9-30-58, Cl. 51-170.
- Richards, Harrison H. C., Jr., to Westinghouse Electric Corp. Carbon pile regulator armature. 2,862,087, 11-25-58, Cl. 201-51.
- Richards, Harrison H. C., Jr., and L. R. Lowry, Jr., to Westinghouse Electric Corp. Automatic paralleling system. 2,862,111, 11-25-58, Cl. 307-87.
- Richards, Howard: *See*—
Alexeff, Alexander V., Homburg, and Richards. 2,837,834.
- Richards, James R.: *See*—
Stephenson, Edward B., Trent, and Richards. 2,838,850.
- Richards, John C., to E. I. du Pont de Nemours and Co. Process for the manufacture of a synthetic leather. 2,858,570, 11-4-58, Cl. 18-47.5.
- Richards, John F.: *See*—
Thompson, Russell A., Jr., and Richards. 2,850,457.
- Richards, John F., to Shell Development Co. Oil well fishing apparatus and method. 2,865,454, 12-23-58, Cl. 166-46.
- Richards, John M. Method of testing eyes. 2,853,919, 9-30-58, Cl. 88-20.
- Richards, John R.: *See*—
Verrinder, Ernest A., and Richards. 2,866,535.
- Richards, John R., to Food Machinery and Chemical Corp. Nailing machine. 2,856,606, 10-21-58, Cl. 1-16.
- Richards, Lawrence M.: *See*—
Himel, Chester M., and Richards. 2,866,801.
- Richards, Leslie D.: *See*—
Cullen, Roy H., and Richards. 2,825,364.
- Richards, Lorenzo A.: *See*—
Hunter, Edwin J., and Richards. 2,821,434.
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- Richards, Lorenzo A. Soil moisture sensitive automatic irrigation system. 2,863,698, 12-9-58, Cl. 299-25.
- Richards, Raymond S.: *See*—
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- Richards, Robert E.: *See*—
Hey, Charles F., and Richards. 2,835,138.
- Richards, Robert J., and R. B. Jacobs, to United States of America, Commerce. Valve. 2,831,326, 4-22-58, Cl. 62-1.
- Richards, Roger G., and J. J. Lukes, to Diamond Alkali Co. Process of suspension polymerization of vinyl halide utilizing gelatin as dispersing agent. 2,833,754, 5-6-58, Cl. 260-92.8.
- Richards, Stanley, to Integral Ltd. Chucks for machine tools. 2,854,237, 9-30-58, Cl. 279-4.
- Richards, Stanley T. A., to Normalair Ltd. Method and means for temporarily stopping leakage. 2,821,298, 1-28-58, Cl. 206-47.
- Richards-Wilcox Mfg. Co.: *See*—
Lesage, Robert F. 2,843,375.
- Richards, William H. Slide projector. 2,833,179, 5-6-58, Cl. 88-27.
- Richards, William H. Automatic transport system for slide projectors. 2,843,951, 7-22-58, Cl. 40-36.
- Richards, William J., to General Shoe Corp. Safety shoe. 2,836,909, 6-3-58, Cl. 36-72.
- Richards, William V., to H. A. Phillips, d. b. a. H. A. Phillips & Co., by W. Phillips, conservator of his estate. Return apparatus for a two-stage refrigeration system. 2,841,962, 7-8-58, Cl. 62-174.
- Richardson, Arthur A. Directive receiving system and apparatus. 2,855,597, 10-7-58, Cl. 343-117.
- Richardson, Arthur B. F. G., to British Insulated Callenders Cables Ltd. Sealing glands. 2,833,571, 5-6-58, Cl. 286-16.
- Richardson, Arthur B. F. G., and R. Hinds, to British Insulated Callender's Cables Ltd. Sealing glands. 2,825,589, 3-4-58, Cl. 286-16.
- Richardson, Bruce F., to Quebec Metallurgical Industries Ltd. Stainless steel. 2,829,046, 4-1-58, Cl. 75-126.
- Richardson, Carl B. Top plate air deflector for pot burners. 2,837,149, 6-3-58, Cl. 158-91.
- Richardson, Charles A.: *See*—
Foster, William P., and Richardson. 2,831,937.
- Richardson, Claude A. Apparatus for determining the flash point of petroleum products. 2,823,824, 2-18-58, Cl. 220-40.
- Richardson Co., The: *See*—
Bateman, Richard M., and Hollis. 2,844,327.
Farrell, Walter O., and Ruschman. 2,827,505.
Mocas, Verlin A. 2,848,527.
Schnitzius, Homer D. 2,853,118.
- Richardson, Earl L.: *See*—
Roos, William J., and Richardson. 2,822,058.
- Richardson, Earl L., to Westinghouse Electric Corp. Electrostatic precipitators. 2,822,057, 2-4-58, Cl. 183-7.
- Richardson, Edgar C., to Allied Chemical & Dye Corp. Automatic gravity take-up for bucket elevators. 2,834,452, 5-13-58, Cl. 198-208.
- Richardson, Eugene E.: *See*—
Scanley, Clyde S., Richardson, and Fields. 2,854,411.
- Richardson, Eugene E., and R. W. Watson, to Standard Oil Co. Lubricant compositions. 2,833,714, 5-6-58, Cl. 252-32.7.
- Richardson, Eugene E., and L. W. Mixon, to Standard Oil Co. Lubricating oil composition. 2,841,552, 7-1-58, Cl. 252-32.7.
- Richardson, Eugene M., to The Youngstown Sheet and Tube Co. Synchronizing means for reciprocating pumps. 2,821,698, 1-28-58, Cl. 340-268.
- Richardson, Frederick G. Weld nut and method of making same. Re. 24,567, 11-18-58, Cl. 151-41.7.
- Richardson, George, to General Electric Co. Bladed rotor. 2,831,958, 4-22-58, Cl. 219-137.
- Richardson, George A.: *See*—
Gaertner, Van R., and Richardson. 2,850,518.
- Richardson, Henry A., to Metropolitan-Vickers Electrical Co. Ltd. Electronic sweep generating circuit, with constant magnitude of sweep. 2,854,575, 9-30-58, Cl. 250-27.
- Richardson, James H., to the United States of America as represented by the United States Atomic Energy Commission. Gas phototube circuit. 2,825,818, 3-4-58, Cl. 250-219.
- Richardson, John E., to The Magnavox Co. Pulse generator. 2,838,692, 6-10-58, Cl. 307-132.
- Richardson, Kenneth W., Jr.: *See*—
Theis, Francis W., Richardson, Eisenlohr, and Shelton. 2,843,638.
- Richardson Mfg. Co.: *See*—
Bishop, Gerald W. 2,839,884.
- Richardson, Pierce F., and W. A. Siljander, to International Harvester Co. Brakable two-speed transmission. 2,864,474, 12-16-58, Cl. 192-4.
- Richardson, Roger W.: *See*—
Veltman, Preston L., Baral, and Richardson. 2,844,523.
- Richardson, Rolland A., to Pacific Industrial Mfg. Co. Valve assembly. 2,831,650, 4-22-58, Cl. 251-129.
- Richardson, Ronald E., to Pittsburgh Plate Glass Co. Glass bending moulds. 2,856,734, 10-21-58, Cl. 49-67.
- Richardson, Ronald E., to Pittsburgh Plate Glass Co. Glass bending moulds. 2,861,395, 11-25-58, Cl. 49-67.
- Richardson, Ronald E., to Pittsburgh Plate Glass Co. Glass bending moulds. 2,861,396, 11-25-58, Cl. 49-67.
- Richardson, Roy M. Baby bottle holder. 2,856,145, 10-14-58, Cl. 248-106.
- Richardson, Sam H. Tire gauge. 2,841,874, 7-8-58, Cl. 33-143.
- Richardson, Sid, Carbon Co.: *See*—
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- Richardson, Sid W., Inc.: *See*—
Daffin, Douglas E., and McGowen. 2,846,014.
McGowen, Harold E., Jr. 2,824,525.
- Richardson Taylor-Globe Corp.: *See*—
Marz, Frank A. 2,826,350.
- Richardson, Urban W., and J. D. Rauth, to The Martin Co. Aerodynamic brake for aircraft. 2,840,326, 6-24-58, Cl. 244-113.
- Richardson, William A., to Outboard Marine Corp. Method of manufacturing a chain saw cutter bar. 2,838,833, 6-17-58, Cl. 29-463.
- Richardson, William F., to Flex-O-Lators, Inc. Wire joint. 2,841,424, 7-1-58, Cl. 287-49.
- Richardson, William H., and J. J. Kovaleski, to The Driscoll Wire Co. Combination wire drawing and packaging device. 2,849,195, 8-26-58, Cl. 242-83.
- Richardson, William S., and J. L. Fisher, to The Texas Co. Sampling apparatus. 2,856,158, 10-14-58, Cl. 255-72.
- Richardson, Wilmet H. Rain hat with veil. 2,856,607, 10-21-58, Cl. 2-172.
- Richart, Ralph E. Loading conveyor and car loading system. 2,866,567, 12-30-58, Cl. 214-42.
- Richartz, Paul, to Bell & Howell Co. Lens carrying structure for photographic cameras. 2,865,274, 12-23-58, Cl. 95-45.
- Richarz, Werner: *See*—
Guyer, Pio, Richarz, and Walther. 2,841,537.
- Richer, Irving. Combination of a garment container and a garment suspension means. 2,827,160, 3-18-58, Cl. 206-7.
- Richer, Pedro H., and E. J. Reeves, to Socony Mobil Oil Co., Inc. Treatment of crude wax. 2,850,432, 9-2-58, Cl. 196-20.
- Riches, Edwin S. Photographic lighting apparatus. 2,827,553, 3-18-58, Cl. 240-1.3.
- Richeson, Sanford E. Beverage making machine. 2,827,845, 3-25-58, Cl. 99-289.
- Richey, Clarence B.: *See*—
O'Donnel, John F., and Richey. 2,849,850.
- Richey, Clarence B., and J. F. O'Donnel, to Ford Motor Co. Corn picker. 2,844,933, 7-29-58, Cl. 56-104.
- Richfield Oil Corp.: *See*—
Dinsmore, Robert L., and Spencer. 2,865,708.
Fontana, Frank J. 2,840,853.
Graham, Richard L., and Nickels. 2,856,423.
Himel, Chester M., and Berriman. 2,848,488.
Weber, Gene C., Hoyt, and Dinsmore. 2,834,745.
- Richman, Donald, to Hazeltine Research, Inc. Variable delay system. 2,824,227, 2-18-58, Cl. 250-27.
- Richman, Donald, to Hazeltine Research, Inc. Switching circuit for a color-television receiver. 2,841,642, 7-1-58, Cl. 178-5.4.
- Richman, Donald, to Hazeltine Research, Inc. Control apparatus for television receivers. 2,842,613, 7-8-58, Cl. 178-7.3.
- Richman, Donald, to Hazeltine Research, Inc. Highly noise-immune synchronizing system. 2,848,537, 8-19-58, Cl. 178-69.5.

- Richman, Donald, to Hazeltine Research, Inc. Chrominance-signal demodulating system. 2,857,457, 10-21-58, Cl. 178—54.
- Richman, Donald, to Hazeltine Research, Inc. Balanced phase-detection system. 2,862,050, 11-25-58, Cl. 178—54.
- Richman, Geraldine. Flour sifter accessory. 2,866,552, 12-30-58, Cl. 209—255.
- Richman, Seymour I., and L. M. Greenstein, to Francis Earle Laboratories, Inc. Extinguishing agents for magnesium fires. 2,827,431, 3-18-58, Cl. 252—8.
- Richman, Seymour I., and L. M. Greenstein, to Francis Earle Laboratories, Inc. Extinguishing agents for magnesium fires. 2,853,450, 9-23-58, Cl. 252—8.
- Richmond Foundry & Mfg. Co.: See—
Nickelson, Alison W. 2,842,827.
- Richmond, Martin R., to Sanders Associates, Inc. High speed target range indicator. 2,846,676, 8-5-58, Cl. 343—73.
- Richmond, Martin R., and M. M. Davis, Jr. Automatic course indicating device. 2,858,533, 10-28-58, Cl. 343—16.
- Richmond, Nelson R., to United Aircraft Corp. Fluid system with pressure halving valve. 2,831,493, 4-22-58, Cl. 137—116.5.
- Richmond, Roy H., to Eagle Mfg. Co. Strainer flame arrester. 2,858,943, 11-4-58, Cl. 210—474.
- Richmond, Thomas C. Door check. 2,825,597, 3-4-58, Cl. 292—343.
- Richner, William V., ½ to J. F., W. J., and M. E. Heffernan, and S. E. Workman, d. b. a. J. Heffernan and Son. Cigarette package. 2,825,343, 3-4-58, Cl. 131—257.
- Richoux, Raymond. Flexible remote control cable. 2,841,029, 7-1-58, Cl. 74—501.
- Richoux, Raymond. Flexible transmission. 2,845,813, 8-5-58, Cl. 74—501.
- Richter, Carl G.: See—
Dalgleish, John E., and Richter. 2,838,961.
- Richter, Donald L., to Radio Corp. of America. Phonograph record. 2,846,230, 8-5-58, Cl. 274—42.
- Richter, Erich K.: See—
Hennig, Paul W., and Richter. 2,862,429.
- Richter, Frederick G.: See—
Cardon, Jules, and Richter. 2,844,714.
- Richter, Friedrich. Bed couch. 2,858,550, 11-4-58, Cl. 5—47.
- Richter, Hans: See—
Junkmann, Karl, Kathol, and Richter. 2,840,508.
- Pfenningsberg, Josef, and Richter. 2,853,738.
- Richter, Hans, to Schering, A. G. Estrone solutions containing ethyl lactate and castor oil. 2,822,816, 2-4-58, Cl. 107—74.
- Richter, Helmer, and M. Schenck, to Firma Schering A. G. Production of 1-aminoindan derivatives. 2,832,804, 4-29-58, Cl. 260—575.
- Richter, Henry, to Paramount Textile Machinery Co. Transfer machine. 2,843,956, 7-22-58, Cl. 41—1.
- Richter, Henry, to Paramount Textile Machinery Co. Apparatus for treating textile fabrics. 2,856,108, 10-14-58, Cl. 223—76.
- Richter, Henry, to Paramount Textile Machinery Co. Setting apparatus for textile fabrics. 2,856,109, 10-14-58, Cl. 223—76.
- Richter, Herbert M. Replacement unit valve device, adapted for use in faucets, or the like. 2,840,102, 6-24-58, Cl. 137—454.6.
- Richter, Herman W., to Tape Cable Corp. Termination strip for electric cable. 2,854,502, 9-30-58, Cl. 174—88.
- Richter, Irma: See—
Richter, Robert, and Koch. 2,852,978.
- Richter, John E., and N. Corsini, to Continental Copper & Steel Industries, Inc. Cable operating means for earth mover. 2,821,794, 2-4-58, Cl. 37—126.
- Richter, John W.: See—
Sterling, John D., Jr., and Richter. 2,834,794.
- Richter, Kenneth E., to Union Carbide Corp. Method of applying hard-facing metals. 2,841,687, 7-1-58, Cl. 219—76.
- Richter, Louis E., to The Russell Mfg. Co. Woven belting. 2,864,409, 12-16-58, Cl. 139—408.
- Richter, Raymond R., to The Dayton Rubber Co. Washup attachment for printing presses and the like. 2,847,935, 8-19-58, Cl. 101—425.
- Richter, Robert: See—
Koch, Fridrich, and Richter. 2,830,495.
- Richter, Robert, and F. Koch, to C. Zeiss. Wide angle anastigmatic objective. 2,836,100, 5-27-58, Cl. 88—58.
- Richter, Robert, deceased (by I. Richter, heiress), and F. Koch, deceased (by F. Koch, and I. Schickl, heiresses), to Carl Zeiss. Wide angle anastigmatic objective for aerial photography and projection. 2,852,978, 9-23-58, Cl. 88—57.
- Richter, Walter E., to Manning, Maxwell & Moore, Inc. Crane. 2,845,877, 8-5-58, Cl. 104—98.
- Richter, Walther, to Allis-Chalmers Mfg. Co. Electromagnetic centrifugal pump. 2,847,936, 8-19-58, Cl. 103—1.
- Rick, Chester. Lamp shades. 2,866,087, 12-23-58, Cl. 240—128.
- Rick, Christian E., to E. I. du Pont de Nemours and Co. Process for the production of salt compositions. 2,856,335, 10-14-58, Cl. 204—64.
- Rickard, Charlotte I., and J. C. Bletzinger, to Kimberly-Clark Corp. Absorbent dressing package. 2,834,459, 5-13-58, Cl. 206—63.2.
- Rickard, Clyde E., and G. A. Hempel, to McDowell Mfg. Co. Packed safety lock pipe coupling with removable grip annulus. 2,839,089, 6-17-58, Cl. 138—89.
- Rickard, Clyde E., and G. A. Hempel, to McDowell Mfg. Co. Coupling nose fitting. 2,848,135, 8-19-58, Cl. 220—46.
- Rickard, James A.: See—
Peters, Beldon A., and Rickard. 2,852,683.
- Ricke, Maurine E. Dispenser. 2,828,005, 3-25-58, Cl. 206—42.
- Rickenmann, Alfred, to Reischauer-Werkzeuge A. G. Machine for the grinding of cylindrical, conical and crowned spur gears and helical gears by the generating principle. 2,839,875, 6-24-58, Cl. 51—95.
- Rickenmann, Alfred, to Reischauer-Werkzeuge A. G. Mechanism for generating the helical thread on grinding worms for gear grinding machines. 2,844,137, 7-22-58, Cl. 125—11.
- Ricker, Eugene C.: See—
Matthews, Earnest P., Ricker, and Andrus. 2,859,128.
- Ricker, Eugene C., to The Haloid Co. Apparatus for developing xerographic images. 2,824,545, 2-25-58, Cl. 118—637.
- Ricker, Eugene C., to Haloid Xerox Inc. Powder cloud generator. 2,843,295, 7-15-58, Cl. 222—189.
- Ricker, Francis J.: See—
Olsen, Everett O., and Ricker. 2,866,108.
- Rickett, Herbert B., K. B. Bozer, R. S. Montgomery, and M. W. Duke, to The Dow Chemical Co. Method of sizing nylon textile materials with coal acid compounds and resulting article. 2,826,515, 3-11-58, Cl. 117—138.8.
- Rickett, Reginald L., to United States Steel Corp. Method of processing grain-oriented silicon steel. 2,826,520, 3-11-58, Cl. 148—111.
- Rickless, Ida. Educational device descriptive of weather conditions. 2,854,765, 10-7-58, Cl. 35—35.
- Ricks, Marc. Protective alarm signal for motor vehicles. 2,847,656, 8-12-58, Cl. 340—52.
- Rickus, George M.: See—
Pascale, Martin M., and Rickus. 2,849,108.
- Ricordi, Giorgio. Apparatus for the safety and protection of automobile passengers. 2,833,554, 5-6-58, Cl. 280—150.
- Ricouard, Henry L. G. Boring apparatus. 2,828,943, 4-1-58, Cl. 255—1.
- Riddell, John T., Inc.: See—
Morgan, Gerard E., Jr. 2,857,597.
- Morgan, Gerard E., Jr. 2,863,151.
- Riddell, Wallace C., and G. B. Kirk, to United States Gypsum Co. Cementitious composition. 2,853,394, 9-23-58, Cl. 106—114.
- Riddick, Frank C., Jr.: See—
Liefers, William C., Riddick, and Switzer. 2,834,658.
- Riddiford, Milton S.: See—
Maciszewski, Arthur H., and Riddiford. 2,844,727.
- Riddington, Frederick W.: See—
Felts, Herman, and Riddington. 2,832,127.
- Riddle, Donald P.: See—
Messer, Carroll B., Sr., and Riddle. 2,833,007.
- Riddle, Robert E., and G. R. Lee. Automatic brake setting device. 2,834,438, 5-13-58, Cl. 188—152.
- Riddle, Robert L., to Haller, Raymond and Brown, Inc. Proportional gate circuit. 2,837,740, 6-3-58, Cl. 343—228.
- Ridel, Richard W., and T. Curzon, to C. A. V. Ltd. Air heating means for internal combustion engines. 2,841,214, 7-1-58, Cl. 158—28.
- Ridel, Richard W., and T. Curzon, to C. A. V. Ltd. Air heating means for internal combustion engines. 2,852,069, 9-16-58, Cl. 158—28.
- Ridenour, Jack B., to General Motors Corp. Pivotal mounting device. 2,828,985, 4-1-58, Cl. 287—100.
- Ridenour, Louis N.: See—
Gottfried, Robert E., Hoffman, and Ridenour. 2,843,655.
- King, Gilbert W., Hughes, Brown, Ridenour. 2,843,841.
- Rideout, Richard G. Slide viewers. 2,849,814, 9-2-58, Cl. 40—78.
- Rideout, Richard G. Transparency viewer device. 2,858,628, 11-4-58, Cl. 40—79.
- Rider, Granville S., ½ to G. I. Wahnish. Rotary to oscillatory mechanical movement. 2,824,454, 2-25-58, Cl. 74—48.
- Rider, Morris. Reflecting marker for vehicle doors. 2,859,662, 11-11-58, Cl. 88—81.
- Rider, Stuart H., T. Aanas, and W. D. Burke, to Monsanto Chemical Co. Foundry sand core compositions and method of preparation. 2,847,388, 8-12-58, Cl. 260—17.3.
- Ridge Tool Co., The: See—
Heintz, Clarence T. 2,863,396.
- Wright, Clyde E., and Weibel. 2,831,583.
- Ridgers, Frederick G., and D. A. Stevenson, to Bell Telephone Co. of Canada and N. Slater Co. Ltd. Cable lashing device. 2,822,146, 2-4-58, Cl. 254—134.3.
- Ridgers, Frederick G., and T. J. Burgess, to N. Slater Co. Ltd. Mounting clamp for torsional dampers. 2,849,777, 9-2-58, Cl. 24—248.
- Ridgley, Charlotte H., administratrix: See—
Ridgley, Cornelius J. 2,821,600.
- Ridgley, Cornelius J., deceased, by C. H. Ridgley, administratrix, to I-T-E Circuit Breaker Co. Circuit breaker operating mechanism. 2,821,600, 1-28-58, Cl. 200—106.
- Ridgway, Frank, to Arundel, Coulthard & Co. Ltd. Flyer for textile machines. 2,838,904, 6-17-58, Cl. 57—116.
- Ridgway, John A., Jr.: See—
May, Paul D., Ridgway, and Wadsworth. 2,865,965.

- Ridgway, John A., Jr., to The American Oil Co. Gas stripping type auto-refrigeration system. 2,823,198, 2-11-58, Cl. 260—82.
- Ridings, Clements A., A. W. Holstein, and E. S. Marr, to National Vendors, Inc. Coin apparatus. 2,823,782, 2-18-58, Cl. 19—57.
- Ridings, Garvie H.: *See—*
Wise, Raleigh J., and Ridings. 2,843,756.
- Ridland, Alexander C., to Hydro-Aire, Inc. Fuel pump. 2,846,952, 8-12-58, Cl. 103—113.
- Ridler, Desmond S., to International Standard Electric Corp. Multiple telegraph signal regenerators. 2,828,358, 3-25-58, Cl. 178—70.
- Ridler, Desmond S., and R. Grimmond, to International Standard Electric Corp. Electrical information storage equipment. 2,825,890, 3-4-58, Cl. 340—174.
- Ridler, Desmond S., and D. A. Weir, to International Standard Electric Corp. Telegraph repeaters. 2,839,605, 6-17-58, Cl. 178—71.
- Ridler, Desmond S., and D. G. N. Hunter, to International Standard Electric Corp. Hybrid balancing network for a magnetic recorder. 2,863,003, 12-2-58, Cl. 179—100.2.
- Riebel, Fred, and Co.: *See—*
Riebel, Fred J. 2,860,693.
- Riebel, Fred J., to Fred Riebel and Co. Combination spring support and spanner. 2,860,693, 11-18-58, Cl. 155—179.
- Rieben, Albert, to Messrs. Berthoud & Cie. Apparatus for the projection of substances in powder form. 2,831,614, 4-22-58, Cl. 222—193.
- Riedel, Erich, to Brueckenbau Flender G. m. b. H. Device for draining a mass of sludge. 2,858,025, 10-28-58, Cl. 210—295.
- Riedel, Frederick H., to Wood Conversion Co. Method and apparatus for treating impregnated fiber webs. 2,843,505, 7-15-58, Cl. 117—102.
- Riedel, Herbert. Diapositive frames. 2,835,061, 5-20-58, Cl. 40—152.
- Riedel, Johann C. Device for spinning textile filaments from glass rods. 2,825,183, 3-4-58, Cl. 49—17.
- Riedel, Marie A.: *See—*
Riedel, Walter H. and W. C. 2,848,880.
- Riedel, Walter H., deceased, and W. C. Riedel (M. A. Riedel and First Trust Co. of St. Paul, executors). Dairy box. 2,848,880, 8-26-58, Cl. 62—263.
- Riedel, William C.: *See—*
Riedel, Walter H. and W. C. 2,848,880.
- Riedel-de Haen Akt.: *See—*
Gruber, Heinrich. 2,839,447.
- Riedeke, Andrew P. Carrying case and electrical cord mounting for electric shavers. 2,825,767, 3-4-58, Cl. 191—12.2.
- Riedeman, William L., to Rohm & Haas Co. Carbonate esters of fatty acids. 2,826,591, 3-11-58, Cl. 260—340.2.
- Riedeman, William L., to Rohm & Haas Co. Plastic compositions containing carbonate esters of fatty acids. 2,858,286, 10-28-58, Cl. 260—23.
- Rieder, Fritz: *See—*
Fikertscher, Hans, Siebel, Daniel, and Rieder. 2,835,657.
- Riedi, Arnold T. Joint construction including a fastener for securing two structural members together in edge-to-edge closely abutting relation. 2,863,185, 12-9-58, Cl. 20—92.
- Riedl, Alfred J. Multiple electric switches. 2,863,010, 12-2-58, Cl. 200—5.
- Riedl, Kurt: *See—*
Brunner, Richard, Margreiter, and Riedl. 2,820,789.
- Riefschneider, Fred: *See—*
Blenski, Joseph. 2,824,771.
- Riegel, Carl F.: *See—*
Bell, Thomas E., Moore, Riegel, and Terhune. 2,858,184.
- Riegel Paper Corp.: *See—*
Haislet, John A. 2,846,817.
Jackson, John V. 2,830,005.
Kline, Richard E., and Wilson. 2,854,894.
- Rieger, Charles A., to Rieger Printing & Ink Co. Apparatus for drying printing inks. 2,855,190, 10-7-58, Cl. 263—3.
- Rieger, Frederic L., and P. H. Hamisch, to The Monarch Marking System Co. Pin-ticket marking machine. 2,826,988, 3-18-58, Cl. 101—291.
- Rieger Printing & Ink Co.: *See—*
Rieger, Charles A. 2,855,190.
- Rieger, William H., to Reilly Tar & Chemical Corp. Fracture bridging in oil wells. 2,860,709, 11-18-58, Cl. 166—22.
- Riegger, Ulrich, to Kurt Körber & Co. K.-G. Apparatus for delivering into bins cigarettes with mouthpiece coatings. 2,836,945, 6-3-58, Cl. 53—150.
- Riegler, Werner L., and J. N. Dybalski, to Armour and Co. Anti-slaking bulking compositions. 2,850,369, 9-2-58, Cl. 51—304.
- Riegler, Werner L., and R. L. Betcher, to Armour and Co. Pigment composition and process for its production. 2,852,406, 9-16-58, Cl. 106—304.
- Riehl, Wilhelm, and H. Benz, to General Motors Corp. Rotary shaft seal. 2,859,071, 11-4-58, Cl. 308—36.1.
- Rieke, John W.: *See—*
Bowman, Brice M., and Rieke. 2,820,181.
- Rieke, John W., to Bell Telephone Laboratories, Inc. Relay circuit. 2,820,157, 1-14-58, Cl. 307—132.
- Rieke, John W., to Bell Telephone Laboratories, Inc. Demodulation of vestigial sideband signals. 2,828,414, 3-25-58, Cl. 250—27.
- Rieke, John W., to Bell Telephone Laboratories, Inc. Method for frequency modulated color television transmission. 2,841,638, 7-1-58, Cl. 178—5.2.
- Rieke, John W., to Bell Telephone Laboratories, Inc. Shunt clamper of the feedback type. 2,843,662, 7-15-58, Cl. 178—7.1.
- Rieke, John W., and A. Slocum, to Bell Telephone Laboratories, Inc. Envelope detector. 2,844,719, 7-22-58, Cl. 250—27.
- Riemenschneider, Claud C. Portable rack. 2,828,826, 4-1-58, Cl. 180—1.
- Riemenschneider, Claud C. Roll holding facilities of equipment for storing and handling rolls of carpeting. 2,838,249, 6-10-58, Cl. 242—55.2.
- Riemerschmid, Fritz. Tracklaying undercarriage for automotive vehicles. 2,852,317, 9-16-58, Cl. 305—4.
- Riener, Edward F., to Rohm & Haas Co. Diphenylacetaldehydes. 2,834,708, 5-13-58, Cl. 167—30.
- Riener, Edward F., W. E. Craig, and T. J. Durkin, to Rohm & Haas Co. Cyclic acetals. 2,844,593, 7-22-58, Cl. 260—340.7.
- Riepen, Roy R. Garbage can holder. 2,841,351, 7-1-58, Cl. 258—147.
- Riepert, Erich: *See—*
Mann, Karl E., and Riepert. 2,861,302.
- Rieppel, Perry J., M. C. Clapp, and E. G. Elliott, Jr., to The Metal Specialty Co. Pressure-welded tubing turn. 2,819,883, 1-14-58, Cl. 257—256.
- Rieppel, Perry J., M. C. Clapp, and E. G. Elliott, Jr., to The Metal Specialty Co. Pressure-welded tubing. 2,819,884, 1-14-58, Cl. 257—256.
- Ries, Lewis B. Metallurgical furnace roof. 2,824,529, 2-25-58, Cl. 110—99.
- Ries, Lewis B. Checker-brick and checker-work construction for regenerators. 2,833,532, 5-6-58, Cl. 263—51.
- Ries, William J.: *See—*
Hutchison, Charles B., and Ries. 2,839,467.
- Rieser, Douglas A., to T. W. Snow Construction Co. Granular material loader for a pneumatic conveyor. 2,831,732, 4-22-58, Cl. 302—58.
- Rieser, John D. Unimount drive gearmotor units and mountings thereon. 2,832,229, 4-29-58, Cl. 74—421.
- Riesing, Ellwood F.: *See—*
Moorman, Cletus L., and Riesing. 2,830,832.
Moorman, Cletus L., and Riesing. 2,830,858.
- Riesing, Ellwood F., to General Motors Corp. Fluid seal. 2,836,450, 5-27-58, Cl. 288—3.
- Riesing, Ellwood F., to General Motors Corp. Bearing seal. 2,857,179, 10-21-58, Cl. 286—5.
- Riess, Hanley L. Predetermined torque release hand tool. 2,831,383, 4-22-58, Cl. 81—52.4.
- Riester, William C.: *See—*
Oishei, John R., and Riester. 2,820,628.
Oishei, John R., and Riester. 2,821,382.
Oishei, John R., and Riester. 2,836,841.
- Riester, William C., to Trico Products Corp. Windshield wash-wiper arrangement. 2,860,362, 11-18-58, Cl. 15—250.4.
- Riesz, Kolman, to Westinghouse Electric Corp. Electro-responsive devices. 2,849,564, 8-26-58, Cl. 200—91.
- Rietema, Kornelis, to Shell Development Co. Process for fractionating mixtures of solid particles of different porosities. 2,832,470, 4-29-58, Cl. 209—172.5.
- Rietema, Kornelis, to Shell Development Co. Centrifugal separator with diffuser. 2,849,117, 8-26-58, Cl. 209—211.
- Rieter, Joh. Jacob, & Cie.: *See—*
Wildbolz, Rudolf. 2,846,728.
- Rieter, Joh. Jacob, & Co., Ltd.: *See—*
Wildbolz, Rudolf. 2,830,327.
- Rieth, Anni: *See—*
Gustke, Klaus, and Kuhls. 2,850,245.
- Rietveld, Jan J., to North American Philips Co., Inc. Power transformer shield for radio receiver. 2,859,337, 11-4-58, Cl. 250—20.
- Rietz Mfg. Co.: *See—*
Perelli-Minetti, Antonio. 2,852,387.
- Rife, Howard M.: *See—*
Benedict, Donald B., Rife, and Walther. 2,852,499.
- Riffert, Helmut, to Olympia Werke AG. Line-space wheel coupling for recording office machines. 2,831,559, 4-22-58, Cl. 197—123.
- Riffkin, Charles, and G. N. Cyr, to Olin Mathieson Chemical Corp. Liquid sweetening composition and method of preparing the same. 2,845,353, 7-29-58, Cl. 99—141.
- Rifkin, Michael. Window latching device. 2,840,406, 6-24-58, Cl. 292—149.
- Rifkin, Michael. Window construction. 2,850,312, 9-2-58, Cl. 292—149.
- Rifner, Frank D., to R. A. Mayne. Hub assembly and fastening means. 2,858,152, 10-28-58, Cl. 287—52.07.
- Riga, Jean J. L. E.: *See—*
Braconier, Frederic F. A., and Riga. 2,856,258.
- Rig-A-Jig Toy Co., Inc. The: *See—*
Carson, Lawrence E. 2,833,082.
- Rigaud, Maurice, to Societe des Agrafes Francaises & d'Articles Metalliques (Societe Anonyme). Locking device. 2,859,995, 11-11-58, Cl. 292—53.
- Rigden, Sydney A. R., to General Electric Co. High pressure metal vapor lamp. 2,821,647, 1-28-58, Cl. 313—184.
- Rigert, Max, to McGraw-Edison Co. Switch construction. 2,838,630, 6-10-58, Cl. 200—98.
- Rigert, Max, to McGraw-Edison Co. Hydraulic operation of high voltage electrical apparatus. 2,849,627, 8-26-58, Cl. 307—144.

- Rigert, Max., to McGraw-Edison Co. Circuit interrupter tripping relay. 2,860,207, 11-11-58, Cl. 200-109.
- Rigg, Ernest W. D., to R. B. Production and Engineering Co. Ltd. Machines for printing and packaging. 2,866,307, 12-30-58, Cl. 53-186.
- Riggs, Fred: *See*—
Handford, William F., and Riggs. 2,837,947.
- Riggs, Harvey O.: *See*—
Kelly, Dunford A. 2,839,685.
- Riggs, John H., to The Rudolph Wurlitzer Co. Automatic volume level control for phonographs. 2,848,557, 8-19-58, Cl. 179-100.4.
- Riggs, Mart B., and R. B. Knill, to The Goodyear Tire & Rubber Co. Tires. 2,844,181, 7-22-58, Cl. 152-35.4.
- Riggs, Olen L., Jr., to Continental Oil Co. Method of inhibiting corrosion. 2,856,358, 10-14-58, Cl. 252-8.55.
- Riggs, Olen L., Jr., and D. A. Shock, to Continental Oil Co. Weighted corrosion inhibitor. 2,822,330, 2-4-58, Cl. 252-8.55.
- Riggs, William L., C. L. Sharp, and L. O. Sanders. Flange spreader. 2,854,740, 10-7-58, Cl. 29-253.
- Rigney, Everett E., to Gentry Division, Consolidated Foods Corp. Vegetable coring device. 2,835,294, 5-20-58, Cl. 146-52.
- Rigney, Robert M. Hand washing tool for dishes, mirrors and the like. 2,820,234, 1-21-58, Cl. 15-136.
- Rigney, Winston T.: *See*—
Sturdy, Raymond O., Rigney, and Lowing. 2,847,946.
- Rigoine de Fougères, André R. M. E. Method of assembling tubular elements. 2,857,188, 10-21-58, Cl. 287-54.
- Rigsbee, William E.: *See*—
Huetten, Clarence, Kaufmann, and Rigbee. 2,849,563.
- Rigterink, Merle D., to Bell Telephone Laboratories, Inc. Wire-wound vitreous enamel resistors. 2,844,693, 7-22-58, Cl. 201-63.
- Rigterink, Raymond H.: *See*—
Chamberlain, Malcolm, Rigterink, and Stacy. 2,820,775.
- Rigterink, Raymond H., to The Dow Chemical Co. Alkylene bis benzoxazine compounds. 2,825,728, 3-4-58, Cl. 260-244.
- Rigterink, Raymond H., to The Dow Chemical Co. 3,3'-alkylenebis(3,4-dihydro-6-phenyl-2h-1,3-benzoxazines). 2,826,575, 3-11-58, Cl. 260-244.
- Rigterink, Raymond H., to The Dow Chemical Co. 3,3'-alkylenebis(3,4-dihydro-2h-1,3-benzoxazines). 2,826,576, 3-11-58, Cl. 260-244.
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- Rigterink, Raymond H., to The Dow Chemical Co. 2-(benzyloxymethyl)-2-methyl-1-pentanol. 2,838,572, 6-10-58, Cl. 260-611.
- Rigterink, Raymond H., to The Dow Chemical Co. α -Amino-4,6-di-secondary-butyl-o-cresols. 2,842,595, 7-8-58, Cl. 260-570.9.
- Rigterink, Raymond H., to The Dow Chemical Co. Substituted benzoxazines. 2,861,991, 11-25-58, Cl. 260-244.
- Riihimäki, Arnold: *See*—
Dereich, John E., and Riihimäki. 2,854,489.
- Riis-Carstensen, Erik. Hydraulic regulation devices. 2,823,692, 2-18-58, Cl. 137-154.
- Rikard, Ira L., to Vanity Fair Mills, Inc. Intermediate connecting and supporting means for rotational sectional beams and the like. 2,823,530, 2-18-58, Cl. 66-86.
- Rike, Richard C.: *See*—
Helvern, James O., and Rike. 2,826,276.
- Rike, Richard C. to General Motors Corp. Power brake booster. 2,826,041, 3-11-58, Cl. 60-54.6.
- Rike, Richard C., and J. O. Helvern, to General Motors Corp. Brake booster mechanism. 2,826,042, 3-11-58, Cl. 60-54.6.
- Riker, Charles O., to Stapling Machines Co. Synchronizing apparatus for wirebound box-making machines. 2,864,086, 12-16-58, Cl. 1-146.
- Rikken, Leonardus H., to U. S. Slicing Machine Co., Inc. Adjustment device for weighing scales. 2,849,223, 8-26-58, Cl. 265-27.
- Rikken, Leonardus H., to U. S. Slicing Machine Co., Inc. Bearing for weighing scales. 2,849,260, 8-26-58, Cl. 308-2.
- Riklil, Walter R.: *See*—
Brown, Hollis P., and Riklil. 2,825,962.
- Shoemaker, John D., and Riklil. 2,847,219.
- Riley, Alfred B.: *See*—
Chevillon, Manuel, and Riley. 2,827,834.
- Riley, Gerard C., to Rohm & Haas Co. Stabilized pesticidal emulsifier composition. 2,819,996, 1-14-58, Cl. 167-42.
- Riley, Gerard C., to Rohm & Haas Co. Alkenyloxypolyethoxyethyl alkyl ethers. 2,841,621, 7-1-58, Cl. 260-615.
- Riley, Jesse L.: *See*—
Singleton, Robert W., Horback, Riley, and Sprague. 2,862,833.
- Riley, Jesse L., to Celanese Corp. of America. Textile apparatus. 2,862,351, 12-2-58, Cl. 57-90.
- Riley, John T. Gas pedal control. 2,824,465, 2-25-58, Cl. 74-526.
- Riley, Joseph J., and R. Alm, to The Taylor-Winfield Corp. Timing and sequencing circuit. Re. 24,533, 9-16-58, Cl. 219-108.
- Riley, Joseph J., and C. E. Stambaugh, to The Taylor-Winfield Corp. Electronic timer and power regulator for three phase seam welder. 2,821,663, 1-28-58, Cl. 315-144.
- Riley, Joseph J., and E. V. Dethier, to The Taylor-Winfield Corp. Electronic commutator for welding machines or the like. 2,836,546, 10-14-58, Cl. 307-112.
- Riley, Nelson F., to United States Rubber Co. Elastic paper backed cushioning material. 2,853,411, 9-23-58, Cl. 151-49.
- Riley Stoker Corp.: *See*—
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- Craig, Ollison. 2,832,323.
- Craig, Ollison. 2,848,959.
- Craig, Ollison. 2,853,059.
- Kuhner, Max H. 2,832,194.
- Kuhner, Max H. 2,838,287.
- Taggart, Wilmer R. 2,824,551.
- Taggart, Wilmer R. 2,832,322.
- Rilling, Karl: *See*—
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- Rimbach, Henry W., to Westinghouse Electric Corp. Cerium-activated magnesium metaphosphate phosphor, with and without manganese. 2,835,636, 5-20-58, Cl. 252-301.4.
- Rimington, Claude, A. Lawson, C. E. Searle, and H. V. Morley, to National Research Development Corp. Antithyroid compounds. Re. 24,505, 7-22-58, Cl. 260-309.
- Rimmer, Paul, to Seaview Industries, Inc. Door hoods. 2,862,259, 12-2-58, Cl. 20-57.5.
- Rimmer, Robert W., to E. I. du Pont de Nemours and Co. Antistatic agents for hydrophobic fiber. 2,839,430, 6-17-58, Cl. 117-139.5.
- Rimmer, Robert W., to E. I. du Pont de Nemours and Co. Antistatic agents for hydrophobic fiber. 2,839,431, 6-17-58, Cl. 117-139.5.
- Rimoldini, Andrea, to Dalmine S. p. A. Apparatus for shaping the tips of machine tools. 2,845,754, 8-5-58, Cl. 51-73.
- Rimsa, Victor E., and R. R. Dahl, to The Dole Valve Co. Three way valve assembly. 2,830,743, 4-15-58, Cl. 222-335.
- Rimsa, Victor E., J. A. Kozel, F. E. Cerveny, and F. R. Wolf, to The Dole Valve Co. Integral solenoid valve. 2,863,628, 12-9-58, Cl. 251-30.
- Rinck, Glenn G. Bird dog training shell and method of training bird dogs. 2,851,991, 9-16-58, Cl. 119-29.
- Rind, Harold, to Air Reduction Co., Inc. Transport container for liquefied gases. 2,858,136, 10-28-58, Cl. 280-5.
- Rindone, Guy E., to Pittsburgh Plate Glass Co. Glass articles, compositions and methods of producing same. 2,825,634, 3-4-58, Cl. 41-41.
- Rindone, Guy E., to Prismo Safety Corp. Glass compositions. 2,838,408, 6-10-58, Cl. 106-53.
- Rindone, Guy E., to Prismo Safety Corp. Glass composition. 2,861,001, 11-18-58, Cl. 106-53.
- Rindorf, Ermbrecht, and K. Schmitt, to Bergwerksgesellschaft Hiernia Aktiengesellschaft. Manufacture of cumene hydroperoxide. 2,827,493, 3-18-58, Cl. 260-610.
- Rinear, William G.: *See*—
Rainey, James L., and Rinear. 2,820,043.
- Rinebolt, John A.: *See*—
Raring, Richard H., Rinebolt, and Gregg. 2,831,343.
- Rinear, Arthur E. Foot pedal. 2,859,638, 11-11-58, Cl. 74-594.4.
- Rinella, Joseph A., to The Goodyear Tire & Rubber Co. Apparatus for casting tire mold segments. 2,843,896, 7-22-58, Cl. 22-94.
- Rines, Robert H. Electro-acoustic system and method. 2,823,365, 2-11-58, Cl. 340-6.
- Rines, Robert H. Electric system. 2,833,854, 5-6-58, Cl. 178-7.5.
- Rines, Robert H. Radio picture system and apparatus. 2,863,941, 12-9-58, Cl. 178-6.8.
- Rines, Robert H. Electric system. 2,864,029, 12-9-58, Cl. 315-1.
- Rines, Robert H. Radio-receiving and scanning system. 2,864,030, 12-9-58, Cl. 315-1.
- Rinesch, Rudolf: *See*—
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- Ring Aluminum Development Co.: *See*—
Ring, Lucian. 2,837,792.
- Ring, Lucian. 2,837,793.
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- Ring, Lucian. 2,837,795.
- Ring, Lucian. 2,856,656.
- Ring, Douglas H., to Bell Telephone Laboratories, Inc. Antenna coupling circuits. 2,848,714, 8-19-58, Cl. 343-100.
- Ring, Harold H.: *See*—
Ahlgren, Axel W., and Ring. 2,839,938.
- Ring, Harold H., to Amerock Corp. Operator for swinging window sashes. 2,820,659, 1-21-58, Cl. 292-262.
- Ring, Kenneth A., to Shell Development Co. Hydraulic fracturing of formations. 2,825,409, 3-4-58, Cl. 166-42.
- Ring, Lucian, to Ring Aluminum Development Co. Die casting machine. 2,837,792, 6-10-58, Cl. 22-68.
- Ring, Lucian, to Ring Aluminum Development Co. Die casting machine. 2,837,793, 6-10-58, Cl. 22-68.
- Ring, Lucian, to Ring Aluminum Development Co. Die casting machine. 2,837,794, 6-10-58, Cl. 22-68.
- Ring, Lucian, to Ring Aluminum Development Co. Die casting structure. 2,837,795, 6-10-58, Cl. 22-70.

- Ring, Lucian, to Ring Aluminum Development Co. Die casting machine. 2,856,656, 10-21-58, Cl. 22-68.
- Ring, Roland, to Sperry-Sun Well Surveying Co. Apparatus for orienting tools in a bore hole. 2,844,357, 7-22-58, Cl. 255-1.6.
- Ringdal, Lars, to Kupag Kunststoff-Patent-Verwaltungs A.-G. Cartridge. 2,862,446, 12-2-58, Cl. 102-38.
- Ringe, Carl H.: *See—*
- Worthington, Emory W., and Ringe. 2,857,841.
- Ringelman, John F., to United States of America, Navy. Circuit for providing improved core characteristics for saturable reactor devices. 2,866,943, 12-30-58, Cl. 321-25.
- Ringelman, John F., and F. G. Timmel, to Westinghouse Electric Corp. Magnetic amplifier maximum output control. 2,862,112, 11-25-58, Cl. 207-88.
- Ringelman, John F., and G. E. Lynn, to Westinghouse Electric Corp. Amplitude discriminator. 2,862,197, 11-25-58, Cl. 340-172.
- Ringer, Floyd W. Aluminum block sandpaper holder. 2,864,208, 12-16-58, Cl. 51-187.
- Ringer, Luther: *See—*
- Morrison, Harold E., Geldhof, and Ringer. 2,847,844.
- Ringenberg, Herman I., to Sinclair Refining Co. Fluidized catalytic reactor. 2,838,382, 6-10-58, Cl. 23-288.
- Ringland, Robert S., and R. P. Watson, to General Electric Co. Electrode spacing adjustment. 2,819,421, 1-7-58, Cl. 313-146.
- Ringland, William L.: *See—*
- Brill, Edward F., and Ringland. 2,832,909.
- Cart, Ward B., and Ringland. 2,819,418.
- Ringland, William L., to Allis-Chalmers Mfg. Co. Strand transposition. 2,821,641, 1-28-58, Cl. 310-213.
- Ringland, William L., to Allis-Chalmers Mfg. Co. Insulation for air gap of unipolar generator. 2,832,910, 4-29-58, Cl. 310-178.
- Ringland, William L., to Allis-Chalmers Mfg. Co. Cooling gas system for dynamoelectric machines. 2,862,121, 11-25-58, Cl. 310-57.
- Ringle, John, III., to Marmet Corp. Sliding pivot window structure. 2,839,166, 6-17-58, Cl. 189-67.
- Ringler, William A., to The Diamond Match Co. Collapsible bottle carriers. 2,820,570, 1-21-58, Cl. 220-113.
- Ringler, William A., to The Diamond Match Co. Twin-compartmented article carriers. 2,820,571, 1-21-58, Cl. 220-113.
- Ringler, William A., to The Diamond Match Co. Multi-celled article carriers. 2,820,572, 1-21-58, Cl. 220-113.
- Ringler, William A., to The Diamond Match Co. Carton with integral tubular liner. 2,828,902, 4-1-58, Cl. 229-14.
- Ringler, William A., to Diamond Gardner Corp. Carton. 2,836,342, 5-27-58, Cl. 229-37.
- Ringler, William A., to The Diamond Match Co. Shipping and carrying cartons. 2,842,304, 7-8-58, Cl. 229-51.
- Ringler, William A., to Diamond Gardner Corp. Multi-celled article carriers. 2,844,280, 7-22-58, Cl. 220-113.
- Ringler, William A., to Diamond Gardner Corp. Multi-celled article carriers. 2,844,281, 7-22-58, Cl. 220-113.
- Ringler, William A., to The Diamond Match Co. Mechanism for forming and filling cigarette cartons. 2,844,929, 7-29-58, Cl. 53-230.
- Ringler, William A., to The Diamond Match Co. Collapsible bottle carriers. 2,846,114, 8-5-58, Cl. 220-113.
- Ringler, William A., to The Diamond Match Co. Multi-cell bottle carriers. 2,848,136, 8-19-58, Cl. 220-113.
- Ringler, William A., to The Diamond Match Co. Paperboard tobacco pouch. 2,865,498, 12-23-58, Cl. 206-41.1.
- Ringman, Henry W., to Sumner Iron Works. Rechipper. 2,838,248, 6-10-58, Cl. 241-92.
- Ringold, Howard J., and G. Rosenkranz, to Syntex S. A. 4-methyl testosterone compounds. 2,844,602, 7-22-58, Cl. 260-397.4.
- Ringold, Howard J., and G. Rosenkranz, to Syntex S. A. Cyclopentanophenanthrene compounds and process. 2,852,537, 9-16-58, Cl. 260-397.4.
- Ringwald, Clarence. Motor. 2,827,579, 3-18-58, Cl. 310-40.
- Ringwald, Clarence. Door switch. 2,835,760, 5-20-58, Cl. 200-61.82.
- Ringwald, Eugene L.: *See—*
- Craig, Alfred B., and Ringwald. 2,841,568.
- Mowry, David T., and Ringwald. 2,861,059.
- Rings, Franz, to G. Kromachrode Akt. Concentric inlet and outlet casings for water meters and the like. 2,863,317, 12-9-58, Cl. 73-201.
- Rinia, Herre: *See—*
- Fokker, Herman, Köhler, and Rinia. 2,820,352.
- Rinia, Herre, J. J. W. den Haan, A. A. Dros, and F. L. Van Weenen, to North American Philips Co., Inc. Cold-gas refrigerator control system. 2,824,430, 2-25-58, Cl. 62-136.
- Rink, P. Jess: *See—*
- Carrillo, Z. George. 2,836,381.
- Rinke, Heinrich: *See—*
- Lehmann, Wolfgang, and Rinke. 2,852,494.
- Lehmann, Wolfgang, and Rinke. 2,855,384.
- Rinker, Carl G., to Liberty Bell Mfg. Co., Inc. Door chime. 2,856,890, 10-21-58, Cl. 116-141.
- Rinker, Edwin C., to Sel-Rex Corp. Method and electrolyte for producing bright gold. Re. 24,582, 12-23-58, Cl. 204-43.
- Rinker, Wilhelm, and W. Jung, to Ernst Leitz G. m. b. H. Comparison measuring apparatus for borings. 2,838,840, 6-17-58, Cl. 33-148.
- Rinn, Frederick H., to Sylvania Electric Products Inc. Plate fin insert. 2,843,787, 7-15-58, Cl. 313-356.
- Rinse, Jacobus, to Sulfo-Inc. Sulfurized cutting oil compositions. 2,829,101, 4-1-58, Cl. 252-31.
- Rinse, Jacobus, to J. W. Ayers & Co. Metal triacylates of unsaturated higher molecular monocarboxylic acids. 2,835,685, 5-20-58, Cl. 260-414.
- Rinse, Jacobus, to J. W. Ayers & Co. Process for forming solid aluminum diacylates and coating therewith. 2,852,411, 9-16-58, Cl. 117-65.
- Riole, Saul, and J. Bautz. Primer unit for water filtering system. 2,845,179, 7-29-58, Cl. 210-315.
- Riordan, Hugh E., and J. Dassoulas, to the United States of America as represented by the Secretary of the Navy. Mechanical oscillator. 2,829,526, 4-8-58, Cl. 74-25.
- Riordan, Michael D.: *See—*
- Hess, Howard V., and Riordan. 2,859,256.
- Rioux, John J.: *See—*
- MacCracken, Calvin D., Rioux, and Miles. 2,857,747.
- Ripert, Roger: *See—*
- Velan, Adolf K., and Ripert. 2,825,508.
- Ripley, Duane L., to Edwin L. Wiegand Co. Electric heating. 2,851,576, 9-9-58, Cl. 219-37.
- Ripley, Edward P. Method of fabricating ornamental concrete blocks. Re. 24,527, 8-26-58, Cl. 25-155.
- Ripley, Edward P. Apparatus for fabricating concrete blocks. 2,825,954, 3-11-58, Cl. 25-2.
- Ripley, Glenn Q., Jr. Aerating device. 2,842,347, 7-8-58, Cl. 261-76.
- Ripley, Harold F. Electronic automatic liquid pump control. 2,828,782, 4-1-58, Cl. 141-216.
- Ripley, Victor H., to Weston Electrical Instrument Corp. Wire wound resistor. 2,829,226, 4-1-58, Cl. 201-63.
- Ripley-Duggan, Basil A.: *See—*
- Dilke, Max H., and Ripley-Duggan. 2,853,464.
- Ripley-Duggan, Basil A., to The Distillers Co. Ltd. Process for the production of a graft copolymer. 2,842,519, 7-8-58, Cl. 260-45.5.
- Ripp, Richard F., and O. L. Gilmore. Drapery pleat-marker mechanism. 2,853,793, 9-30-58, Cl. 33-192.
- Rippe, Dondeville M., to Dondeville Products Co., Inc. Shingle. 2,830,546, 4-15-58, Cl. 108-17.
- Ripper, David W.: *See—*
- Collins, Herbert H., and Ripper. 2,846,602.
- Rippie, Charles W.: *See—*
- Ruskin, Simon L., and Rippie. 2,838,118.
- Rippie, Charles W., and Howard B. Bishop, to H. Berkey Bishop. Electrolytically generated oxygen for caustic recovery. 2,859,177, 11-4-58, Cl. 208-235.
- Rippingill, Edward V., to General Motors Corp. Heart pump. 2,832,294, 4-29-58, Cl. 103-148.
- Rippie, Joe M.: *See—*
- Meberg, Jess W., and Rippie. 2,844,488.
- Rippie, Melvin H.: *See—*
- Duff, Jack E., and Rippie. 2,850,758.
- Rippie, Melvin H., to The Hoover Co. Suction nozzle with litter lifter. 2,825,926, 3-11-58, Cl. 15-363.
- Ripple Sole Corp.: *See—*
- Hack, Morton. 2,833,057.
- Rips, Irving: *See—*
- Rips, Norman N., and I. 2,822,647.
- Rips, Norman N., and I., to Younger Mfg. Co. Method and apparatus for forming bifocal lenses. 2,822,647, 2-11-58, Cl. 51-133.
- Ri-Ri-Werke A. G.: *See—*
- Feldmann, Otto. 2,849,753.
- Ris, Kenneth B., to The Griscum-Russell Co. Gas stripping apparatus. 2,827,267, 3-18-58, Cl. 257-231.
- Risch, Karl, to Heberlein Patent Corp. Process for producing color effects on textile and other sheet-like material and products therefrom. 2,865,787, 12-23-58, Cl. 117-71.
- Risdon Mfg. Co., The: *See—*
- Ferguson, John E. 2,855,730.
- Riseman, Jacob, D. M. Hoffman, and B. Solow, to International Resistance Co. Apparatus and method for evaporating films in certain types of electrical components. 2,847,325, 8-12-58, Cl. 117-107.
- Rishoi, Alfred H., C. J. Rayman, and R. T. Ziel, to Cherry-Burrell Corp. Means for destabilizing cream. 2,839,277, 6-17-58, Cl. 259-9.
- Rising, Calvin A.: *See—*
- Smith, William S., and Van Slyke. 2,860,822.
- Rising, Rachel L. Head rest for automobiles. 2,827,110, 3-18-58, Cl. 155-174.
- Risk, George, to Dale Products, Inc. Wall mounted resistor. 2,857,498, 10-21-58, Cl. 201-63.
- Risk, George. Tortuous conductance path resistor. 2,866,061, 12-23-58, Cl. 201-73.
- Risk, Norman E.: *See—*
- Butterfield, Max E., and Risk. 2,854,858.
- Risley, Bruce H. Instant car air freshener. 2,866,472, 12-30-58, Cl. 137-353.
- Risley, Roger E., to Dresser Industries, Inc. Flexible insulating coupling for threaded pipe. 2,850,299, 9-2-58, Cl. 283-48.
- Risley, Roger E., and G. D. Kish, to Dresser Industries, Inc. Pipe coupling with pipe engaging pivot lugs. 2,822,191, 2-4-58, Cl. 285-18.

- Risley, Roger E., and H. L. Hoke, to Dresser Industries, Inc. Pipe repair clamp. 2,843,155, 7-15-58, Cl. 138-99.
- Risley, Roger E., and R. N. Paterson, to Dresser Industries, Inc. Large diameter type pipe coupling with separable parking follower. 2,861,822, 11-25-58, Cl. 285-348.
- Risner, Joseph, to Trad Television Corp. Dynamic contrast expander. 2,865,991, 12-23-58, Cl. 178-75.
- Risner, Robert C. Automobile carriers. 2,848,270, 8-19-58, Cl. 296-1.
- Risner, Robert C. Automobile carriers. 2,856,088, 10-14-58, Cl. 214-85.
- Risner, Robert C. Automobile carriers. 2,860,910, 11-18-58, Cl. 296-1.
- Risse, John T., to Iowa Mfg. Co. of Cedar Rapids, Iowa. Rotary drum and self-adjusting means therefor. 2,865,690, 12-23-58, Cl. 308-203.
- Risse, Ralph F., to Goodman Mfg. Co. Tensioning device for flexible support strands of an endless conveyor. 2,858,932, 11-4-58, Cl. 198-139.
- Risser, Joseph C. Apparatus for correcting curvatures of the spine. 2,853,999, 9-30-58, Cl. 128-84.
- Rissi, Erwin: *See*—
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- Rist, Michel: *See*—
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Maurice, Jean, and Rist. 2,865,480.
- Ristow, Edward W., and V. A. Behlke, to Milwaukee Electric Tool Corp. Portable reciprocating saw. 2,824,455, 2-25-58, Cl. 74-60.
- Ritchie, Alexander C.: *See*—
Hamlet, John C., Ritchie, and Wyman. 2,856,403.
- Ritchie, John A. Paper product roll dispenser. 2,864,495, 12-16-58, Cl. 206-58.
- Ritchie, John R., and John R. Ritchie, Jr. Method of making a flexible hose. 2,855,975, 10-14-58, Cl. 154-8.
- Ritchie, John R., Jr.: *See*—
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- Ritchie, W. C., and Co.: *See*—
Smith, William C. 2,854,181.
- Ritepoint Pen and Pencil Co.: *See*—
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- Rite-Way Dairy Farm Equipment Corp.: *See*—
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- Ritscher, Arthur, to Korber, Kurt & Co. K-G. Apparatus for producing cigarette packages and the like. 2,821,054, 1-28-58, Cl. 53-170.
- Ritt, Walter: *See*—
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- Rittenhouse, Howard E., to Tokheim Corp. Tank filling apparatus. 2,845,965, 8-5-58, Cl. 141-207.
- Ritter, Adolph P. Overhead flexible door. 2,831,537, 4-22-58, Cl. 160-201.
- Ritter Co., Inc.: *See*—
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- Ritter, Edwin E., to Hugh H. Eby, Inc. Electronic tube connector. 2,829,359, 4-1-58, Cl. 339-193.
- Ritter, F., & Sohn: *See*—
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Joyet, Eric, and Koch. 2,836,889.
- Ritter, Heinrich: *See*—
Zerweck, Werner, Ritter, and Stier. 2,832,789.
- Ritter, Heinrich, Aluminiumwarenfabrik: *See*—
Federmann, Karl, Claude, Ritter, and Pfeffer. 2,832,205.
- Ritter, Herman, and A. P. Steiner, to The Singer Mfg. Co. Thread tension releasing devices. 2,848,966, 8-26-58, Cl. 112-238.
- Ritter, John J. Process of treating sulphite waste. 2,823,178, 2-11-58, Cl. 204-131.
- Ritter, Kaspar: *See*—
Allgaier, Erwin, Hutter, and Ritter. 2,832,233.
Hutter, Wolfgang, and Ritter. 2,828,650.
- Ritter, Lawrence: *See*—
Weidenheimer, Joseph F., and Ritter. 2,820,824.
- Ritter, Richard: *See*—
Federmann, Karl, Claude, Ritter, and Pfeffer. 2,832,205.
- Ritter, Rolf, to Gustav Bach Firma Kupfer-Asbest-Co. Vibratory current converter. 2,847,542, 8-12-58, Cl. 200-166.
- Ritter, Wolfgang, F. Meyer, and K. Demmler, to Badische Anilin- & Soda-Fabrik Akt. Hardenable resinous mixtures containing a halogen hydrin and processes for producing and hardening same. 2,861,971, 11-25-58, Cl. 260-43.
- Rittershausen, Ernst P.: *See*—
Edwards, Roy T., and Rittershausen. 2,854,417.
Edwards, Roy T., and Rittershausen. 2,854,418.
- Ritterson, Samuel G., to Sun Oil Co. Scraper blade for wax flaker. 2,847,698, 8-19-58, Cl. 18-1.
- Rittle, Henry I., to Westinghouse Air Brake Co. Flange union fitting with contractible lined wedge. 2,819,099, 1-7-58, Cl. 285-159.
- Rittschof, William L.: *See*—
McLeod, Gordon D., and Rittschof. 2,823,182.
- Ritzenberg, Hyman. Safety device for refrigerators. 2,827,863, 3-25-58, Cl. 109-63.5.
- Ritzenberg, Hyman. Dispensing pressure can for tennis balls. 2,843,985, 7-22-58, Cl. 53-235.
- Ritzerfeld, Gerhard: *See*—
Ritzerfeld, Wilhelm and G. 2,823,604.
Ritzerfeld, Wilhelm, and G. 2,828,689.
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Ritzerfeld, Wilhelm and G. 2,860,574.
Ritzerfeld, Wilhelm, and G. 2,866,406.
- Ritzerfeld, Wilhelm and G. Printing apparatus with hydraulic control. 2,823,604, 2-18-58, Cl. 101-91.
- Ritzerfeld, Wilhelm and G. Sheet transporting mechanism for duplicating machines. 2,828,689, 4-1-58, Cl. 101-232.
- Ritzerfeld, Wilhelm and G. Selective printing process and apparatus. 2,843,039, 7-15-48, Cl. 101-132.5.
- Ritzerfeld, Wilhelm and G. Ejector mechanism for printing machines. 2,817,214, 8-12-58, Cl. 271-64.
- Ritzerfeld, Wilhelm and G. Selective printing apparatus. 2,860,574, 11-18-58, Cl. 101-91.
- Ritzerfeld, Wilhelm and G. Rotary printing apparatus for the reproduction of sections of printing forms. 2,866,406, 12-30-58, Cl. 101-132.5.
- Rively, Clair M., to United States of America, Navy. Starting circuit for lamps. 2,856,563, 10-14-58, Cl. 315-205.
- River Raisin Paper Co.: *See*—
Fischer, John P. 2,845,210.
- Rivera, Angel R. Die assembly. 2,858,886, 11-4-58, Cl. 164-58.
- Rivera, Juan A. Coffee washer. 2,826,011, 3-11-58, Cl. 51-163.
- Rivers, Joseph T., Jr., to E. I. du Pont de Nemours and Co. Polyethylene terephthalate tobacco smoke filter. 2,818,868, 1-7-58, Cl. 131-10.
- Rivers, Richard D., to American Air Filter Co., Inc. Pocket-type air filters. 2,853,154, 9-23-58, Cl. 183-51.
- Riverside Mfg. Co., Inc.: *See*—
Choate, James R. 2,859,905.
- Rives, William H., to Universal Business Machines, Inc. Guideway for document sorting machines. 2,823,031, 2-11-58, Cl. 271-64.
- Rives, William H., to Universal Business Machines, Inc. Forms splicing machine. 2,827,104, 3-18-58, Cl. 154-42.3.
- Rives, William H., to Universal Business Machines, Inc. Document feeding machine. 2,866,640, 12-30-58, Cl. 271-39.
- Rivett Lathe & Grinder, Inc.: *See*—
Spink, Leland K. 2,838,030.
- Rivette, Louis P. Wheeled baby carrier with rotatably mounted cradle. 2,858,139, 10-28-58, Cl. 280-31.
- Rivinius, Theodore. Material removal unit for self-propelled vehicle. 2,858,625, 11-4-58, Cl. 37-43.
- Rivkin, Bernard W., to Dattel Co., Inc. Magnetic tape indexing means. 2,853,042, 9-23-58, Cl. 116-114.
- Rivoche, Eugene J. Process of comminuting and dehydrating foods. 2,844,476, 7-22-58, Cl. 99-199.
- Rivoche, Eugene J. Nutrient food products and process of producing same. 2,859,115, 11-4-58, Cl. 99-28.
- Rivoita, Lorenzo A. Interconnected vehicle front door and steering wheel for easy access to seats. 2,822,214, 2-4-58, Cl. 296-44.
- Rix, Earl H., and L. W. Rustad, to the United States of America as represented by the Secretary of the Navy. Target simulator for radar system checking. 2,825,058, 2-25-58, Cl. 343-17.7.
- Rixon, Oscar C. Co., The: *See*—
Ellis, David H. 2,866,224.
- Rixton, Frederick H., to United States of America, Navy. Sub miniature glow lamp. 2,850,660, 9-2-58, Cl. 313-205.
- Riza Mfg. Co., Inc.: *See*—
Riza, Samuel D. 2,852,036.
- Riza, Samuel D., to Riza Mfg. Co., Inc. Discharge valve for feed mixer. 2,852,036, 9-16-58, Cl. 137-315.
- Rizk, James V. Holder for surface cleaning means. 2,827,651, 3-25-58, Cl. 15-210.
- Rizzo, Rosario J., to J. F. D. Mfg. Co., Inc. Collapsible clothes drier. 2,821,309, 1-28-58, Cl. 211-179.
- Rizzo, Rosario J., to Ferber Corp. Writing instrument. 2,863,421, 12-9-58, Cl. 120-42.3.
- Rizzo, Salvatore R.: *See*—
Sieczkiewicz, Peter A. 2,844,844.
- Roach, Alda E.: *See*—
Roach, Arvid E. 2,827,342.
- Roach, Arvid E., deceased, by A. E. Roach, administratrix, to General Motors Corp. Bearing construction. 2,827,342, 3-18-58, Cl. 308-122.
- Roach, Charles J., to Western Electric Co., Inc. Method of manufacturing units of wired terminal banks. 2,824,358, 2-25-58, Cl. 29-155.55.
- Roach, Charles J., to Hughes Aircraft Co. Resistance element method of manufacture. 2,849,350, 8-26-58, Cl. 204-15.
- Roach, Donald B., R. B. Fischer, and J. H. Jackson, to International Business Machines Corp. Copper-base alloys. 2,851,353, 9-9-58, Cl. 75-159.
- Roach, Earl M., to Arvey Corp. Collapsible display. 2,851,804, 9-16-58, Cl. 40-126.
- Roach, Erskine E., to Harold Brown Co. Chemical injector for well tubing. 2,852,080, 9-16-58, Cl. 166-166.
- Roach, Francis S.: *See*—
Randall, Ralph R. 2,841,037.
- Roach, James R.: *See*—
Dilworth, John P., and Roach. 2,836,563.

- Roach, James R., and J. R. Morris, to The Texas Co. Multifunctional lubricating oil additives. 2,832,737, 4-29-58, Cl. 252-33.6.
- Roach, Urban P. Load measuring device. 2,842,633, 7-8-58, Cl. 200-85.
- Road Machines (Drayton) Ltd.: See—
Robb, William M. 2,850,243.
- Roadman, William G.: See—
Erstad, Tennes I., and Roadman. 2,828,141.
- Roaben, Dan C.: See—
Wakeman, Alden H., and Roaben. 2,859,018.
- Roake, William E., to United States of America, Atomic Energy Commission. Fuel elements for nuclear reactors and process of making. 2,848,325, 8-19-58, Cl. 75-211.
- Road, Arvid S.: See—
McCarthy, Thomas M., and Road. 2,846,401.
- Roanwell Corp.: See—
Marchand, Gaston A. 2,847,520.
Marchand, Gaston A., and Powers. 2,862,069.
- Roback, John G.: See—
Cooper, Benjamin, Wapner, and Roback. 2,863,710.
- Robar, Garret D.: See—
Vandercook, David D., and Robar. 2,823,608.
- Robb, Harold W. Faucet safety handle. 2,863,664, 12-23-58, Cl. 287-119.
- Robb, James L., to Superior Cable Corp. Branch line terminal for insulated parallel wires. 2,830,281, 4-8-58, Cl. 330-198.
- Robb, Lester E., to Minnesota Mining and Mfg. Co. Perfluorohalocarboxylic acid ester modified solid polymer of a fluorine-containing olefin. 2,828,273, 3-25-58, Cl. 260-31.2.
- Robb, Lester E., to Minnesota Mining and Mfg. Co. Compression molding of copolymers of trifluorochloroethylene and vinylidene fluoride. 2,854,699, 10-7-58, Cl. 18-55.
- Robb, Lester E., to Minnesota Mining and Mfg. Co. Extrusion molding of copolymers of trifluorochloroethylene and vinylidene fluoride. 2,862,244, 12-2-58, Cl. 18-55.
- Robb, Lester E., and M. E. Conroy, to Minnesota Mining and Mfg. Co. Cross-linking of fluorine-containing elastomers. 2,820,776, 1-21-58, Cl. 260-87.7.
- Robb, Lester E., and D. R. Wolf, to Minnesota Mining and Mfg. Co. Plasticization of vulcanized perfluorochloroolefin polymers. 2,849,412, 8-26-58, Cl. 260-30.6.
- Robb, Vincent P., and J. R. Sacher. Railway conductor plow. 2,837,608, 6-3-58, Cl. 191-48.
- Robb, Vincent P., and J. R. Sacher. Current collector assembly for railway cranes. 2,838,621, 6-10-58, Cl. 191-48.
- Robb, Wayne F., and B. W. Myer, Jr., to Yorker & Sons, Inc. Container closure caps. 2,838,215, 6-10-58, Cl. 222-521.
- Robb, William M., to Road Machines (Drayton) Ltd. Rail sections. 2,850,243, 9-2-58, Cl. 238-149.
- Robb, William T., to Enna Ltd. Walking aid. 2,855,024, 10-7-58, Cl. 155-22.
- Robbart, Edward. Process for imparting water repellency to cellulosic fibrous sheet materials by reaction with an aerosol containing organo silicon halides. 2,824,778, 2-25-58, Cl. 8-116.
- Robbins, Albert A., to P. Subkow. Method of preserving fruits and vegetables. 2,819,972, 1-14-58, Cl. 99-154.
- Robbins, Albert A., to P. Subkow. Method of preserving fruits, flowers and vegetables. 2,819,973, 1-14-58, Cl. 99-154.
- Robbins, Azor D., to The W. L. Maxson Corp. Desiccator. 2,830,671, 4-15-58, Cl. 183-4.1.
- Robbins, Bruce D., to Pittsburgh Plate Glass Co. Apparatus and method for edge grinding of plates. 2,826,872, 3-18-58, Cl. 51-105.
- Robbins, Clyde F.: See—
Nolden, William F., and Robbins. 2,836,666.
Nolden, William F., and Robbins. 2,850,587.
- Robbins, Daniel H., and V. M. Corrado, to Mergenthaler Linotype Co. Justification information computer and tape perforator for photocomposing machines. 2,848,049, 8-19-58, Cl. 164-113.
- Robbins, Davis. Drilling apparatus. 2,849,212, 8-26-58, Cl. 255-22.
- Robbins, Davis, to Robbins Machine & Mfg. Co., Inc. Inflatable seal for rotating shafts. 2,863,681, 12-9-58, Cl. 286-26.
- Robbins, Earl B., and N. F. Luongo. Changeable-face die mechanism. 2,821,234, 1-28-58, Cl. 153-21.
- Robbins, Edgar C., to General Motors Corp. Ice block harvesting apparatus. 2,819,591, 1-14-58, Cl. 62-106.
- Robbins, Edward S., to Robbins Tire & Rubber Co., Inc. Quick acting tire retreading mold. 2,826,783, 3-18-58, Cl. 18-18.
- Robbins, Edward S., to Robbins Tire and Rubber Co. Vulcanizing apparatus. 2,834,984, 5-20-58, Cl. 18-18.
- Robbins, Edward S., to Robbins Tire and Rubber Co., Inc. Curing bag drainer assembly. 2,835,923, 5-27-58, Cl. 18-45.
- Robbins, Edward S., to Robbins Tire and Rubber Co., Inc. Vulcanizing apparatus. 2,854,692, 10-7-58, Cl. 18-18.
- Robbins, Edward S., to Robbins Tire and Rubber Co., Inc. Retreading apparatus. 2,854,693, 10-7-58, Cl. 18-18.
- Robbins, Elmer A., to Tokheim Corp. Flow line poppet type check valve. 2,844,164, 7-22-58, Cl. 137-454.6.
- Robbins, Elmer A., to Tokheim Corp. Separable, yieldable mounting for valves. 2,845,085, 7-29-58, Cl. 137-454.6.
- Robbins, Elmer A., to Tokheim Corp. Presettable predetermined and hydraulic cut-off valve mechanism. 2,846,119, 8-5-58, Cl. 222-20.
- Robbins, Ernest B. Method for packaging cut trees. 2,847,805, 8-19-58, Cl. 53-24.
- Robbins, Frederick O., J. Sweeder, W. Dunbar, and R. W. Wolke; said Robbins and said Sweeder assors. of 25% to The Pennsylvania Railroad Co., and 25% to The New York Central Railroad. Reservation availability signboard or indicator. 2,849,813, 9-2-58, Cl. 40-63.
- Robbins, Frederick O., J. Sweeder, W. Dunbar, and R. W. Wolke; said Robbins and Sweeder assors. of 25% to The Pennsylvania Railroad Co., and 25% to The New York Central Railroad. Masking envelope for space reservation tickets. 2,852,277, 9-16-58, Cl. 283-23.
- Robbins, Howard M.: See—
Shiowitz, Marc, and Robbins. 2,821,696.
- Robbins, Jack E., to Firefly Inc. Girdle. 2,825,340, 3-4-58, Cl. 128-542.
- Robbins, James S., to Goodman Mfg. Co. Mining machine having cutter chain slack take-up means. Re. 24,523, 8-26-58, Cl. 262-7.
- Robbins, Kenneth C., to Armour and Co. Preparation of enzyme extracts from liver. 2,834,713, 5-13-58, Cl. 195-66.
- Robbins, Leo: See—
Phillips, Adrian, and Robbins. 2,831,254.
- Robbins, Lionel, to Bartmann & Bixer, Inc. Cornice construction. 2,862,549, 12-2-58, Cl. 160-38.
- Robbins & Myers, Inc.: See—
Alcock, Ernest. 2,862,454.
Chang, Sheldon S. L. Re. 24,499.
Gerlitz, Reuben A. 2,825,275.
Mitchie, John S. 2,826,152.
- Robbins, Noel. Surgical instrument for intradermal injection of fluids. 2,840,076, 6-24-58, Cl. 128-253.
- Robbins, Ralph. Foam rubber mattress. 2,835,906, 5-27-58, Cl. 5-351.
- Robbins, Sidney: See—
Edelman, Leonard E., and Robbins. 2,821,518.
- Robbins Tire & Rubber Co., Inc.: See—
Robbins, Edward S. 2,826,783.
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Robbins, Edward S. 2,854,693.
White, Eldridge S. 2,834,049.
White, Eldridge S. 2,835,921.
- Robbins, Vernon E. Anchor hoist. 2,845,039, 7-29-58, Cl. 114-210.
- Robbins, William O.: See—
Larsen, Hugh W., Primeau, and Robbins. 2,848,882.
- Robbins, Zelva R. Animated trundle toy. 2,829,465, 4-8-58, Cl. 46-107.
- Robboy, Nathan M. Swivel joint for electrical conduit. 2,825,586, 3-4-58, Cl. 285-181.
- Robboy, Nathan M. Combined swivel and pivot joint for electrical fixtures. 2,826,440, 3-11-58, Cl. 287-91.
- Robell, John, M. Steinberg, and E. B. Jones, to Guggenheim Bros. (1949 Firm). Production of anhydrous hydrazine. 2,865,714, 12-23-58, Cl. 23-190.
- Roberson, William V. Shoulder brace. 2,859,746, 11-11-58, Cl. 128-87.
- Robert, Alan A., and O. Keckstein, to Coachcraft, Ltd. Apparatus for atomizing liquids. 2,838,362, 6-10-58, Cl. 261-83.
- Robert, André: See—
Ortusi, Antoine J., and Robert. 2,853,704.
- Robert, Jacques G.: See—
Jacob, Robert M., and Robert. 2,820,797.
Jacob, Robert M., and Robert. 2,837,518.
Jacob, Robert M., and Robert. 2,854,470.
- Robert, Jean: See—
Gailliot, Paul, Robert, and Gaudechon. 2,830,987.
- Robert, John: See—
Beckman, George, and Robert. 2,856,647.
- Robert, Maurice L., to Universal Air Lift Inc. Spring booster assemblies. 2,833,587, 4-29-58, Cl. 267-33.
- Roberts, Alan P., to Esso Research and Engineering Co. Permanent well completion apparatus. 2,837,165, 6-3-58, Cl. 166-114.
- Roberts, Benjamin K.: See—
Nelson, Marcus L., and Roberts. 2,825,209.
- Roberts, Bruce, to U. S. Automatic Corp. Stair elevator. 2,832,436, 4-29-58, Cl. 187-12.
- Roberts, Charles C.: See—
Roberts, William O. 2,822,868.
- Roberts Chemicals, Inc.: See—
Fike, Elmer A. 2,844,623.
- Roberts, Cushman & Co.: See—
Roberts, Edward, Jr. 2,829,680.
- Roberts, David, Jr.: See—
Dunn, Joseph. 2,820,874.
- Roberts, Deering S. Machine for counting and stacking rigid or semi-rigid flat objects. 2,825,475, 3-4-58, Cl. 214-6.
- Roberts, Deering S. Device for temporarily closing a circuit. 2,843,689, 7-15-58, Cl. 200-61.4.
- Roberts, Donald G. Template. 2,827,712, 3-25-58, Cl. 33-197.
- Roberts, Edward H., to General Electric Co. Refrigerator cabinet including closure sealing means. 2,859,495, 11-11-58, Cl. 20-69.

- Roberts, Edward J. Motor driven sprocket actuated machine wrench. 2,825,252, 3-4-58, Cl. 81-57.
- Roberts, Edward, Jr., to Roberts, Cushman & Co. Woven narrow fabrics with resilient edges. 2,829,680, 4-8-58, Cl. 139-383.
- Roberts, Edward N.: *See*—
Lemmon, Norman E., Roberts, and Sabol. 2,843,579.
- Roberts, Edward N., and E. K. Fieds, to Standard Oil Co. Corrosion inhibitors and compositions containing the same. 2,836,564, 5-27-58, Cl. 252-47.5.
- Roberts, Edward S.: *See*—
Fuchs, Warren J., Roberts and Rayfield. 2,866,321.
- Roberts, Edward Y., to Young Spring & Wire Corp. Tailgate mechanism for trucks. 2,850,187, 9-2-58, Cl. 214-77.
- Roberts, Elliott J., to Door-Oliver Inc. Upflow regeneration with porous tube. 2,855,364, 10-7-58, Cl. 210-35.
- Roberts, Elliott J., and W. W. Jukkola, to Dorr-Oliver Inc. Catalytic treatment of alumina in fluidized beds. 2,833,622, 5-6-58, Cl. 23-142.
- Roberts, Frank K.: *See*—
Krafft, Frederic B., Roberts, and Lorenz. 2,857,116.
- Roberts, Fred T. Flexible hose and method and apparatus for making same. 2,837,121, 6-3-58, Cl. 138-56.
- Roberts, Fred T., and R. E. Hose and method of making same. 2,830,622, 4-15-58, Cl. 138-56.
- Roberts, Fred T., and R. E. Reinforced hose and method of making same. 2,848,015, 8-19-58, Cl. 138-56.
- Roberts, Frederick N.: *See*—
West, Fred W., and Roberts. 2,866,764.
- Roberts, Frederick N., and F. W. West, to Minnesota Mining and Mfg. Co. Process of printing an electrical circuit on a chlorinated polymer, resultant article and printing ink. 2,823,146, 2-11-58, Cl. 117-212.
- Roberts, Frederick W., to Dictaphone Corp. Sound recording and reproducing apparatus. 2,857,165, 10-21-58, Cl. 274-4.
- Roberts, Frederick W., R. C. Curtis, L. R. Jones, and R. E. Freund, to Dictaphone Corp. Dictation system. 2,833,860, 5-6-58, Cl. 179-6.
- Roberts, Frederick W., E. S. Gillette, J. A. Duntze, and A. W. Skoog, to Dictaphone Corp. Sound recording and reproducing apparatus. 2,865,637, 12-23-58, Cl. 274-4.
- Roberts, George: *See*—
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- Roberts, George R., and R. T. Heathcote, to The Bowater Research and Development Co. Ltd. Winding mandrel mounting. 2,836,372, 5-27-58, Cl. 242-55.
- Roberts-Gordon Appliance Corp.: *See*—
Warnecke, Robert I. 2,865,440.
- Roberts, Grover L., and E. C. Petersen; said Petersen, to said Roberts. Cold weather starting device for motor vehicles. 2,821,563, 1-28-58, Cl. 123-148.
- Roberts, Harold P., to The Goodyear Tire & Rubber Co. Stabilized benzothiazolesulfenamide composition and method of preparing the same. 2,850,553, 9-2-58, Cl. 260-785.
- Roberts, Henry R., and J. D. Pettinati, to National Dairy Products Corp. Conversion of lactose to oligosaccharides. 2,826,503, 3-11-58, Cl. 99-54.
- Roberts, Howard E., to Fairchild Engine and Airplane Corp. Resistance welding. 2,824,211, 2-18-58, Cl. 219-104.
- Roberts, Howard E., to Fairchild Engine and Airplane Corp. Resistance welding methods and apparatus. 2,824,212, 2-18-58, Cl. 219-117.
- Roberts, Jack D.: *See*—
Gold, Maxwell B., and Roberts. 2,820,587.
- Roberts, Jack S. Piston lubricator. 2,827,860, 3-25-58, Cl. 103-202.
- Roberts, James A.: *See*—
Fischer, Howard R., and Roberts. 2,865,212.
- Roberts, James A., H. R. Fischer, and M. P. D'Haem, to Chicago Pneumatic Tool Co. Auxiliary reservoir for pumps. 2,833,310, 5-6-58, Cl. 138-30.
- Roberts, James E.: *See*—
Woods, Leroy R., and Roberts. 2,859,383.
- Roberts, James R., and A. S. Gregory, to Weyerhaeuser Timber Co. Extraction method. 2,832,765, 4-29-58, Cl. 260-209.
- Roberts, John A.: *See*—
Thorsson, Matthew T., and Roberts. 2,64,605.
- Roberts, John F., to E. Ladd. Luggage carriers. 2,819,005, 1-7-58, Cl. 228-48.
- Roberts, John F., to E. Ladd. Telescopic ladders. 2,840,290, 6-24-58, Cl. 228-48.
- Roberts, Joseph K., to Standard Oil Co. Regenerative platinum hydroformer system. 2,853,436, 9-23-58, Cl. 196-50.
- Roberts, John G., to G. C. Singer. Unit-handling safety-razor construction. 2,818,640, 1-7-58, Cl. 30-60.5.
- Roberts, Lawrence M., to Research-Cottrell, Inc. Combined electrostatic and magnetic separator. 2,866,546, 12-30-58, Cl. 209-12.
- Roberts, Lawrence M., and H. J. White, to Research Corp. Apparatus for cleaning bag filters. 2,854,091, 9-30-58, Cl. 183-54.
- Roberts Mfg. Co.: *See*—
Hill, Harvey J. 2,858,609.
Petty, Jack W. 2,833,487.
- Roberts, N. O.: *See*—
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- Roberts, Paul V., to United States of America, Navy. Anti-vibration mount. 2,852,223, 9-16-58, Cl. 248-358.
- Roberts, Robert E.: *See*—
Roberts, Fred T., and R. E. 2,830,622.
Roberts, Fred T., and R. E. 2,848,015.
- Roberts, Robert E. Flexible tube. Re. 24,468, 5-6-58, Cl. 138-56.
- Roberts, Robert W.: *See*—
Breed, Roland N., Cesareo, Germanton, Roberts, Weber, and Wingardner. 2,848,543.
- Roberts and Schaefer Co.: *See*—
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- Roberts, Shepard, to General Electric Co. Electroluminescent lighting device. 2,834,903, 5-13-58, Cl. 313-108.
- Roberts, Seward M., and S. H. Ericson, to American Flange & Mfg. Co., Inc. Capseal applying tool. 2,839,883, 6-24-58, Cl. 53-348.
- Roberts, Stiles M.: *See*—
Dayan, Jason E., and Roberts. 2,853,522.
Stanley, Lester N., and Roberts. 2,861,105.
- Roberts, Theron W.: *See*—
Logue, James A., Roberts, and Swanson. 2,843,925.
- Roberts, Theron W. Method of sealing together the glass members of electron tubes. 2,818,637, 1-7-58, Cl. 29-471.9.
- Roberts, William A., to The Atkins & Pearce Mfg. Co. Self-sustaining wicking for candle lights. 2,818,718, 1-7-58, Cl. 67-22.
- Roberts, William B., to Sarkes Tarzian, Inc. P-N junction rectifier. 2,826,725, 3-11-58, Cl. 317-238.
- Roberts, William L.: *See*—
Krupar, Andrew P., Roberts, Kuntz, and Jones. 2,840,738.
- Roberts, William L., to Westinghouse Electric Corp. Cathode ray tube. 2,838,464, 10-28-58, Cl. 313-69.
- Roberts, William L., and A. P. Kruper, to Westinghouse Electric Corp. Light image reproduction devices. 2,821,637, 1-28-58, Cl. 250-213.
- Roberts, William O., 10% to N. O. Roberts, 10% to G. Roberts, 10% to E. O. Coleman, 10% to J. Coleman, and 10% to C. C. Roberts. Attachment means for Venetian blinds. 2,822,868, 2-11-58, Cl. 160-173.
- Robertshaw, Clarence W.: *See*—
Kunzler, William S., and Robertshaw. 2,822,134.
- Robertshaw-Fulton Controls Co.: *See*—
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Bishop, Chester K. 2,847,536.
Cate, Paul E. 2,842,182.
Cate, Paul E. 2,844,320.
Coles, Ralph V., and Bagley. 2,863,472.
Daly, James U. 2,846,884.
Fielden, John E. Re. 24,420.
Garner, Russell P. 2,822,447.
Jackson, Wilbur F., and Caparone. 2,833,843.
Kaderly, James M. 2,854,846.
Korsgren, Theodore Y. 2,819,362.
Kunzler, William S. 2,850,084.
Kunzler, William S., and Robertshaw. 2,822,134.
Lazich, Branko. 2,850,258.
Lesovsky, Rodin V. 2,855,151.
Miller, Woodford D., and Kunzler. 2,837,287.
Morgan, David L. 2,837,615.
Pound, Richard T., and Green. 2,847,539.
Strobel, Charles K. 2,859,025.
Tyler, Hugh J. 2,855,153.
Tyler, Hugh J., and Mingrone. 2,855,152.
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Van Allen, Vincent K., and Morgan. 2,855,000.
Weber, Victor. 2,833,893.
Weber, Victor. 2,846,883.
Weber, Victor, Russell, and Brinkhoff. 2,859,024.
Weber, Victor, and Sanders. 2,855,486.
Weber, Victor, Tyler, and Russell. 2,830,164.
Weber, Victor, Tyler, and Russell. 2,833,894.
Weber, Victor, Tyler, and Russell. 2,833,895.
Winslow, Arnold A. 2,822,135.
Winslow, Arnold A. 2,826,368.
Winslow, Arnold A. 2,855,229.
Witherspoon Jack, Jr. 2,844,321.
- Robertson, Andrew: *See*—
Porter, Allan W. H., Arnold, and Robertson. 2,822,604.
- Robertson, Charlotte R. B.: *See*—
Ward, Irving A. 2,862,766.
- Robertson, Dale N., to The Dow Chemical Co. Condensation products of 2,3-dichloroaniline and a benzaldehyde compound. 2,847,472, 8-12-58, Cl. 260-566.
- Robertson, Dale N., to The Dow Chemical Co. 2,3-dichloro-(O-chlorobenzylidene)aniline. 2,847,473, 8-12-58, Cl. 260-566.
- Robertson, Dale N., to The Dow Chemical Co. (2-nitroalkenyl) phenoxyalkanoates and process. 2,855,429, 10-7-58, Cl. 260-471.
- Robertson, Dale N., to The Dow Chemical Co. Nitroethylenes. 2,855,442, 10-7-58, Cl. 260-645.
- Robertson, Dale N., to The Dow Chemical Co. Nitroethylenes. 2,855,443, 10-7-58, Cl. 260-646.
- Robertson, Dayton B.: *See*—
Robinson, Thomas I. 2,836,150.
- Robertson, Donald D.: *See*—
Edwards, Paul G., Robertson, and Smethurst. 2,825,764.
- Robertson, Earl M.: *See*—
Merrill, Stewart H., Unruh, and Robertson. 2,831,768.
- Robertson, Frank F.: *See*—
Kinley, Myron M., and Robertson. 2,825,141.

- Robertson, George D.: *See*—
 Quallen, Raymond J., and Robertson. 2,828,458.
- Robertson, George H., to Bell Telephone Laboratories, Inc. Traveling wave tubes. 2,849,651, 8-26-58, Cl. 315-39.3.
- Robertson, George H., to Bell Telephone Laboratories, Inc. Electron guns. 2,862,128, 11-25-58, Cl. 313-85.
- Robertson, George H., and E. J. Walsh, to Bell Telephone Laboratories, Inc. Multihelix traveling wave tubes. 2,821,652, 1-28-58, Cl. 315-3.6.
- Robertson, George M., and G. K. Charles. Cheese making and apparatus therefor. 2,845,857, 8-5-58, Cl. 100-127.
- Robertson, H. H., Co.: *See*—
 Coffman, Alden W., and Cullen. 2,841,253.
 Curran, Bernard E. 2,841,070.
 Curran, Bernard E. 2,864,300.
 Feldman, Max B., and Roseman. 2,834,280.
 Goemann, Richard P. 2,849,942.
 Kautz, Glenn E. 2,844,322.
- Robertson, Harry S., to Borg-Warner Corp. Apparatus for perforating well casing and the like. 2,853,944, 9-30-58, Cl. 102-20.
- Robinson, Herbert H. Toothbrush and paste holder. 2,845,646, 8-5-58, Cl. 15-138.
- Robertson, Hugh A. Tie clasp. 2,828,518, 4-1-58, Cl. 24-49.
- Robertson, Jack B., and R. H. Malm, to United States of America, Navy. Arming device for torpedo exploder. 2,831,430, 4-22-58, Cl. 102-71.
- Robertson, Jack H. Roll dispensing means. 2,819,851, 1-14-58, Cl. 242-55.4.
- Robertson, James A., to E. I. du Pont de Nemours and Co. Aqueous fireproofing composition of sodium oxyfluoroborate and phenol formaldehyde, method of treating paper therewith and article prepared therefrom. 2,842,510, 7-8-58, Cl. 260-29.3.
- Robertson, John D., to Mount Hope Machinery Co. Accumulating apparatus for flexible continuous sheets or webs. 2,828,122, 3-25-58, Cl. 271-2.2.
- Robertson, John W., to Art Metal Construction Co. Index device. 2,847,776, 8-19-58, Cl. 40-23.
- Robertson, Louie H. Treated fuels. 2,842,431, 7-8-58, Cl. 44-24.
- Robertson Mfg. Co.: *See*—
 Bright, Harold T. 2,864,226.
- Robertson, Melbourne L.: *See*—
 Bayless, Charles R., Daughtrey, and Robertson. 2,860,655.
 Di Nardo, Albert, Gardner, and Robertson. 2,847,434.
- Robertson, Nat C.: *See*—
 Di Nardo, Albert, Gardner, Robertson, and Tewksbury. 2,824,131.
 Gardner, James H., Robertson, and Di Nardo. 2,824,142.
 Gardner, James H., Robertson, and Tewksbury. 2,824,119.
 Gardner, James H., Schoenbrunn, and Robertson. 2,823,767.
- Robertson, Nat C., C. I. Tewksbury, and A. Di Nardo, to Escambia Chemical Corp. Process of oxidatively polymerizing ethylene in the presence of methyl formate. 2,824,124, 2-18-58, Cl. 260-497.
- Robertson, Nat C., and T. R. Steadman, to Escambia Chemical Corp. Production of alpha hydroxyisobutyric acid. 2,824,130, 2-18-58, Cl. 260-531.
- Robertson, Nat C., and E. F. Schoenbrunn, to Escambia Chemical Corp. Preparation of lactic acid. 2,847,464, 8-12-58, Cl. 260-533.
- Robertson, Nat C., and T. R. Steadman, to Escambia Chemical Corp. Production of alpha hydroxyisobutyric acid. 2,847,465, 8-12-58, Cl. 260-533.
- Robertson Paper Box Co., Inc.: *See*—
 Tyrseck, Walter J. 2,833,457.
- Robertson Photo-Mechanix, Inc.: *See*—
 Blatherwick, Delbert T. 2,844,082.
- Robertson, Ruth K. Camping equipment trailers. 2,862,758, 12-2-58, Cl. 296-23.
- Robertson, Sloan D., to Bell Telephone Laboratories, Inc. Spatial harmonic traveling wave tube. 2,820,170, 1-14-58, Cl. 315-3.5.
- Robertson, Sloan D., to Bell Telephone Laboratories, Inc. Traveling wave tube structure. 2,863,085, 12-2-58, Cl. 315-3.5.
- Robertson, Snell, to Swingspout Measure Co. Can-puncturing dispensing device with removable handle. 2,830,732, 4-15-58, Cl. 222-90.
- Robertson, Snell, to Swingspout Measure Co. Safety container. 2,838,212, 6-10-58, Cl. 222-473.
- Robertson, Theodore A. Ignition system. 2,830,140, 4-8-58, Cl. 200-24.
- Robertson, Thomas A.: *See*—
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- Robertson, William. Trousers. 2,847,677, 8-19-58, Cl. 2-237.
- Robes, Ernest C. Aerial disk. 2,822,176, 2-4-58, Cl. 273-106.
- Robeson, Charles D.: *See*—
 Benton, Charles H., Jr., and Robeson. 2,835,679.
- Robeson, Charles D., to Eastman Kodak Co. Preparation of unsaturated cyclic polyene compounds by decarboxylation using an organic acid or acid anhydride as dehydrating agent. 2,835,713, 5-20-58, Cl. 260-666.
- Robeson, Charles D., and D. R. Nelan, to Eastman Kodak Co. Oxidation of alpha-tocopherol. 2,856,414, 10-14-58, Cl. 260-396.
- Robeson, Max O.: *See*—
 Luke, Oren V., Jr., Robeson, and Taylor. 2,820,058.
- Robey, Charles W.: *See*—
 Petrie, James A., and Robey. 2,847,185.
- Robey, Donald H. Frequency controllable piezo-electric resonator. 2,839,695, 6-17-58, Cl. 310-8.2.
- Robichaud, William F.: *See*—
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- Robieux, Jean: *See*—
 Herscovici, Stelian, and Robieux. 2,863,144.
- Robillard, Jean J. Transient measuring apparatus. 2,866,935, 12-30-58, Cl. 324-102.
- Robin, Charles D., and P. G. Dooley, to United Aircraft Corp. Combustion chamber support means. 2,852,914, 9-23-58, Cl. 60-39.31.
- Robin, Harold K., to National Research Development Corp. Frequency shift signalling system. 2,833,857, 5-6-58, Cl. 178-66.
- Robin Hood Co.: *See*—
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- Robin, Jean: *See*—
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- Robin, Jean, and R. Clevy, to Societe Rhodiaceta. Process for the continuous production of cellulose esters. 2,854,446, 9-30-58, Cl. 260-229.
- Robinet, James M.: *See*—
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- Robins, A. H., Co., Inc.: *See*—
 Lunsford, Carl D. 2,830,997.
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- Robins, Betty N. Garment hanger. 2,824,680, 2-25-58, Cl. 223-96.
- Robins, Erford E.: *See*—
 Schreyer, Kenneth D., Parker, and Robins. 2,851,165.
- Robins, Erford E., and L. W. Lerch, to Columbus McKinnon Chain Corp. Hoist chain container. 2,859,937, 11-11-58, Cl. 254-167.
- Robins, John S., to F. C. Lowe, and J. S. Robins. Surgical dressing. 2,858,830, 11-4-58, Cl. 128-156.
- Robins, Richard S.: *See*—
 Polanyi, Michael L., Robins, Johnston, and Brown. 2,850,239.
- Robins, Samuel D.: *See*—
 Gegenheimer, Harold W., and Robins. 2,826,989.
- Robins, Wilfred P., to The General Electric Co. Ltd. Electric oscillation generator systems. 2,823,313, 2-11-58, Cl. 250-36.
- Robinson, Albert P. Hearth vent and ash dump combination. 2,819,711, 1-14-58, Cl. 126-143.
- Robinson, Albert P. Chimney pit door. 2,825,433, 3-4-58, Cl. 189-46.
- Robinson, Albert P. Lintel and lintel shield combination. 2,846,998, 8-12-58, Cl. 126-120.
- Robinson, Albert P. Lintel protecting shield for fireplace damper construction. 2,854,967, 10-7-58, Cl. 126-288.
- Robinson, Andrew C., and H. K. Burch. Pole coating apparatus. 2,821,162, 1-28-58, Cl. 118-208.
- Robinson, Arthur A.: *See*—
 Thomas, Graham I., and Robinson. 2,842,707.
- Robinson Aviation, Inc.: *See*—
 Robinson, Cecil S. 2,858,041.
- Robinson, Benjamin F., to Southern Dyestuff Corp. Process for producing direct dyeing vat black dyestuff. 2,831,871, 4-22-58, Cl. 260-353.
- Robinson, Billy P., C. L. Wendorf, and W. M. Zingg, to The Dow Chemical Co. Acidizing industrial equipment. 2,838,417, 6-10-58, Cl. 117-49.
- Robinson, Billy W., R. C. Cruzan, and D. E. Wilcox, to North American Aviation, Inc. Double-acting fluid pressure pump. 2,833,220, 5-6-58, Cl. 103-53.
- Robinson Brothers Ltd.: *See*—
 Ford, Ian A. M. 2,830,060.
- Robinson, Bruce E.: *See*—
 Bradley, Robert O., and Robinson. 2,839,995.
 Hart, Norman E., and Robinson. 2,818,801.
- Robinson, Carl B., W. F. Hertzog, and C. F. Landmeyer, to Aircraft Tool Engineering Co. Castor construction. 2,830,545, 4-15-58, Cl. 105-170.
- Robinson, Cecil S., to Robinson Aviation, Inc. Anti-splash vessel for liquids. 2,858,041, 10-28-58, Cl. 220-90.4.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Apparatus for leak detection and pressure measurement. 2,820,946, 1-21-58, Cl. 324-33.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Mass spectrometry. 2,844,726, 7-22-58, Cl. 250-41.9.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Chromatography. 2,845,136, 7-29-58, Cl. 183-2.
- Robinson, Charles F., to Consolidated Engineering Corp. Mass spectrometry. 2,845,539, 7-29-58, Cl. 250-41.9.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Mass spectrometer. 2,851,608, 9-9-58, Cl. 250-41.9.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Gain stabilizer for an electron multiplier tube. 2,854,583, 9-30-58, Cl. 250-41.9.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Method of spectroscopic gas analysis. 2,855,820, 10-14-58, Cl. 88-14.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Mass separation. 2,866,097, 12-23-58, Cl. 250-41.9.
- Robinson, Charles T., and D. C. Camp, to Cumberland Case Co. Uniform heat type rectangular brooder. 2,821,166, 1-28-58, Cl. 119-32.

- Robinson, Clarence J., to The Irwin Auger Bit Co. Method of making shanks for auger bits and the like. 2,819,629, 1-14-58, Cl. 76-108.
- Robinson, Claude L.: See—
Chaffee, Walter C., and Robinson. 2,854,870.
- Robinson, Claude L., to Gardner-Denver Co. Power operated tool with controlled power feed. 2,857,789, 10-28-58, Cl. 77-32.4.
- Robinson, David M., to The Staley Works. Pre-installation assembly for swing-up doors. 2,836,289, 5-27-58, Cl. 206-46.
- Robinson, David Z., A. P. Di Mattia, G. W. McDaniel, and R. L. Collette, to Baird Associates, Inc. Method and apparatus for long wave-length infra-red viewing. 2,855,522, 10-7-58, Cl. 250-83.3.
- Robinson, Denis M., to High Voltage Engineering Corp. Means for cooling the windows of acceleration tubes for electrostatic generators. 2,820,165, 1-14-58, Cl. 313-35.
- Robinson, Dollin L., Jr.: See—
Jones, Richard M., and Robinson. 2,839,654.
- Robinson, Donald B., to I-T-E Circuit Breaker Co. Circuit breaker. 2,859,304, 11-4-58, Cl. 200-116.
- Robinson, Donald B., R. S. Davis, and D. H. Crall, to I-T-E Circuit Breaker Co. Junction means for sectional duct. 2,863,009, 12-2-58, Cl. 191-23.
- Robinson, Donald L., to Westinghouse Electric Corp. Electric motor. 2,845,552, 7-29-58, Cl. 310-90.
- Robinson, Douglas A., and A. B. Zimmerschied, to Boeing Airplane Co. Explosively releasable nut having a weakened line of material. 2,858,726, 11-4-58, Cl. 83-32.
- Robinson, Earle W. Animation attachment for minnow bait. 2,860,443, 11-18-58, Cl. 43-44.4.
- Robinson, Ellis. Printing frame. 2,859,661, 11-11-58, Cl. 83-24.
- Robinson, Frank A., W. Dickinson, V. Petrow, and S. Wilkinson, to Allen & Hanburys Ltd., Boots Pure Drug Co. Ltd., The British Drug Houses Ltd., and The Wellcome Foundation Ltd. Insulin synthetic poly-amino acid complexes. 2,843,525, 7-15-58, Cl. 167-75.
- Robinson, Frederick C., and R. A. Grouse, to A. H. Hunt (Capacitors) Ltd. Electrical capacitors. 2,861,231, 11-18-58, Cl. 317-260.
- Robinson, George D., Jr.: See—
Pacey, John J., and Robinson. 2,821,993.
- Robinson, Glen, and G. M. Laman, to Camera Vision Productions, Inc. Composite electronic and film camera. 2,854,885, 10-7-58, Cl. 88-16.
- Robinson, Glen P., Jr., to Scientific-Atlanta, Inc. Spherical microwave lens. 2,849,713, 8-26-58, Cl. 343-910.
- Robinson, Harold A., to The Dow Chemical Co. Extruded magnesium anodes with aluminum-coated steel core wires. 2,841,546, 7-1-58, Cl. 204-197.
- Robinson, Harold A., to The Dow Chemical Co. Cathodic protection apparatus. 2,859,165, 11-4-58, Cl. 204-197.
- Robinson, Harry E. W.: See—
Morgan, William G., Symon, Robinson, and Verrier. 2,855,054.
- Robinson, Herbert B., to A. O. Smith Corp. Method of electropolishing and electrolytic solution therefor. 2,861,930, 11-25-58, Cl. 204-140.5.
- Robinson-Houchin, Inc.: See—
Katzenberg, Edgar M. 2,826,874.
- Robinson, Hugh A., to United States of America, Army. Indexing mechanism for automatic gun. 2,856,822, 10-21-58, Cl. 89-156.
- Robinson, Ivan M.: See—
Baxter, Warren N., Robinson, and Rombach. 2,850,488.
- Robinson, J. Lawrence: See—
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- Robinson, James C., to Northern Engraving & Mfg. Co. Method of electroplating printed circuits. 2,834,723, 5-13-58, Cl. 204-15.
- Robinson, James M., L. J. Greshel, and D. A. Lewis, to North Electric Co. Telephone desk set. 2,850,583, 9-2-58, Cl. 179-147.
- Robinson, James R. Row markers for planters and tractors. 2,850,958, 9-9-58, Cl. 97-230.
- Robinson, John T.: See—
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- Robinson, John W.: See—
Boller, Ernest R., Eubank, and Robinson. 2,848,351.
- Robinson, John W., to United States of America, Atomic Energy Commission. Metal coating baths. 2,849,337, 8-26-58, Cl. 117-114.
- Robinson, Joseph J., Jr. Sheet metal wall or ceiling panel. 2,851,134, 9-9-58, Cl. 189-86.
- Robinson, Joseph N., F. J. L. Miller, B. McDonnell, and J. F. Villiers-Fisher, to The Consolidated Mining and Smelting Co. of Canada Ltd. Process for the production of melamine. 2,824,104, 2-18-58, Cl. 260-249.7.
- Robinson, Keith A., to The Paper Cap Mfg. Co. Ltd. Apparatus for applying closures to jars or like containers. 2,834,170, 5-13-58, Cl. 53-293.
- Robinson, Kenneth J., to Stromberg-Carlson Tool & Die Co. Folding porch. 2,861,731, 11-25-58, Cl. 228-36.
- Robinson, Lawrence. Scale for typewriting machines. 2,850,138, 9-2-58, Cl. 197-194.
- Robinson, Leland P.: See—
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- Robinson, Leon, to Eastern Air Devices, Inc. Method and system for checking the speed-output relationship of a generator. 2,841,768, 7-1-58, Cl. 324-158.
- Robinson, Leslie W.: See—
Burfoot, Eric A., Hatchett, and Robinson. 2,830,931.
- Robinson, Lorne M., and V. L. Hining, to Phillips Petroleum Co. Liquid level device. 2,843,144, 7-15-58, Cl. 137-335.
- Robinson, Louis M., to Saw Engineering, Inc. Mounting for circular saw blades. 2,854,042, 9-30-58, Cl. 143-155.
- Robinson, Manuel G., to General Electric Co. Hydraulic torque-meter. 2,827,785, 3-25-58, Cl. 73-136.
- Robinson, Marion A. Float valve. 2,842,158, 7-8-58, Cl. 137-428.
- Robinson, Meloneze D. Amputation surgery limb support. 2,850,342, 9-2-58, Cl. 311-10.
- Robinson, Merton L., and J. G. Baker, to Olin Mathieson Chemical Corp. Metallic shot shell. 2,849,954, 9-2-58, Cl. 102-42.
- Robinson, Milton D.: See—
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- Robinson, Preston, to Sprague Electric Co. Process of forming barrier layers in crystalline bodies. 2,823,149, 2-11-58, Cl. 148-1.5.
- Robinson, Preston, to Sprague Electric Co. High voltage slug capacitor. 2,836,777, 5-27-58, Cl. 317-242.
- Robinson, Preston, to Sprague Electric Co. Process of producing electrically conductive plastic. 2,864,774, 12-16-58, Cl. 252-514.
- Robinson, Preston, and D. B. Peck, to Sprague Electric Co. Electrical condensers. 2,842,726, 7-8-58, Cl. 217-358.
- Robinson, Purnell A. Pumping device. 2,864,317, 12-16-58, Cl. 103-235.
- Robinson, Ralph M.: See—
Illich, George M., Jr., and Robinson. 2,822,392.
- Robinson, Raymond: See—
Thorley, Thomas, and Robinson. 2,863,982.
- Robinson, Richard A., to G. D. Searle & Co. N-hydroxyalkyl derivatives of yohimbine. 2,841,586, 7-1-58, Cl. 260-286.
- Robinson, Richard A., to G. D. Searle & Co. Trialkoxybenzoyloxyalkyl derivatives related to norharman. 2,852,520, 9-16-58, Cl. 260-295.
- Robinson, Robert L. Plumbing fixture connecting means. 2,837,750, 6-10-58, Cl. 4-252.
- Robinson, Robert M. Windrow type box. 2,839,975, 6-24-58, Cl. 91-44.
- Robinson, Robert R., to The National Cash Register Co. Band stamps. 2,853,002, 9-23-58, Cl. 101-111.
- Robinson, Roy H. Light weight shell structures of high strength-weight ratio. 2,826,521, 3-11-58, Cl. 154-45.9.
- Robinson, Roy H. Pre-heating installations for boilers for quick heating and steaming. 2,827,882, 3-25-58, Cl. 122-68.
- Robinson, Sam P., to Phillips Petroleum Co. Process and apparatus for pyrolysis of hydrocarbons. 2,823,243, 2-11-58, Cl. 260-679.
- Robinson, Samuel A.: See—
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- Robinson, Sarah L. Tandem container assemblies. 2,836,323, 5-27-58, Cl. 220-4.
- Robinson Tag & Label Co.: See—
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- Robinson, Thomas I., 1/4, to T. N. Robinson, and 1/4, to D. B. Robertson. Livestock feeder. 2,836,150, 5-27-58, Cl. 119-52.
- Robinson, Thomas N.: See—
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- Robinson, Thomas P., and B. W. Glover, to International Standard Electric Corp. Electrical control circuits. 2,821,679, 1-28-58, Cl. 323-89.
- Robinson, Thomas R., Jr., to The Marlin Firearms Co. Receiver construction. 2,823,480, 2-18-58, Cl. 42-75.
- Robinson, William J., to Minneapolis-Honeywell Regulator Co. Electromagnetic conductive fluid pump. 2,838,001, 6-10-58, Cl. 103-1.
- Robinson, Frank A. Quick attach and release device. 2,847,748, 8-19-58, Cl. 24-211.
- Robshaw, Earl J., and R. E. Todd. Traction vehicle. 2,845,725, 8-5-58, Cl. 37-2.
- Robison, Morris M., and L. L. Lodge; said Robison assor. to Thompson Products, Inc. Wave guide switch. 2,827,613, 3-18-58, Cl. 333-98.
- Robison, Samuel B.: See—
Wilson, Howard L., and Robison. 2,824,038.
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- Robitschek, Paul, and C. T. Bean, to Hooker Chemical Corp. Polymerizable mixture of vinylidene monomer and unsaturated polyester containing a polycarboxylic adduct of hexahalo-cyclopentadiene and laminate containing same. 2,863,794, 12-9-58, Cl. 154-43.
- Robitschek, Paul, and C. T. Bean, to Hooker Chemical Corp. Polymerizable mixture of vinylidene monomer and unsaturated polyester containing a polyhydric adduct of hexahalo-cyclopentadiene and laminate containing same. 2,863,795, 12-9-58, Cl. 154-43.
- Robitschek, Paul, and C. T. Bean, to Hooker Chemical Corp. Polymers containing hexahalo-cyclopentadiene and process of making same. 2,863,483, 12-9-58, Cl. 260-45.4.
- Roboski, Walter S.: See—
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- Robot Appliances, Inc.: *See*—
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 Osuch, Francis J., and Krake. 2,843,695.
- Robotron Corp.: *See*—
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- Robson, Homer L., to Olin Mathieson Chemical Corp. Hypochlorite bleaching composition and method of making. 2,820,767, 1-21-58, Cl. 252-95.
- Robson, Homer L., to Olin Mathieson Chemical Corp. Bleaching agent. 2,829,110, 4-1-58, Cl. 252-187.
- Robson, Ian K. M.: *See*—
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- Robson, James J., to The Firestone Tire & Rubber Co. Tire bead construction. 2,822,141, 2-4-58, Cl. 245-15.
- Robson, Thomas S., to Electric & Musical Industries Ltd. Tunable circuits for high frequencies. 2,854,532, 9-30-58, Cl. 179-171.
- Rocard Yves A., and B. E. Bartels, to Hupp Corp. Infra-red sensitive photocells. 2,858,398, 10-28-58, Cl. 201-63.
- Roccati, Arnold J., to Vitro Corp. of America. Vibration isolation system and instrument mount. 2,861,768, 11-25-58, Cl. 248-358.
- Rocchini, Albert G., to Gulf Research & Development Co. Fuel oils. 2,843,200, 7-15-58, Cl. 153-117.5.
- Rocchini, Albert G., to Gulf Research & Development Co. Fuel oils. 2,843,467, 7-15-58, Cl. 44-72.
- Roces, Rafael P., and A. C. Capotosto. Safety razor with improved handle. 2,844,870, 7-29-58, Cl. 30-85.
- Roch, Josef: *See*—
 Fischer, Gottwalt F., Roch, and Kottler. 2,826,580.
- Rochar Electronique: *See*—
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- Roche, Arthur F.: *See*—
 Amos, James L., and Roche. 2,849,430.
- Roche, James E.: *See*—
 Davidson, Trevor O., and Roche. 2,853,201.
- Roché, Jean A. F., and W. K. Gulick, to General Electric Co. Fluid actuator. 2,824,548, 2-25-58, Cl. 121-41.
- Roche, John C., and J. F. Castner, to Chicago Carton Co. Packaging tray. 2,857,089, 10-21-58, Cl. 229-30.
- Roche, William J., 50% to F. Maddi. Carpenter's level. 2,859,527, 11-11-58, Cl. 33-88.
- Rochester, Lester L., 1/2 to C. E. Augsbach, and 1/2 to M. R. Hughes. Eraser means. 2,851,008, 9-9-58, Cl. 120-36.
- Rochon, Placide. Bottle carrier. 2,841,435, 7-1-58, Cl. 294-87.28.
- Rochow, Theodore G.: *See*—
 Kirkpatrick, Alan F., and Rochow. 2,822,270.
- Rochowiak, Harold S.: *See*—
 Rochowiak, Irene K., and H. S. 2,854,932.
- Rochowiak, Irene K., and H. S. Noodle-making utensil. 2,854,932, 10-7-58, Cl. 107-14.
- Rock, Clarence A., to Gadget-Of-The-Month Club, Inc. Pick-a-picture educational toy. 2,855,700, 10-14-58, Cl. 35-6.
- Rock, George L. Chiropractic table with adjustable auxiliary table section. 2,819,932, 1-7-58, Cl. 311-10.
- Rock, Kingsley C.: *See*—
 Binkley, Arthur L., and Rock. 2,846,565.
- Rock, Kingsley C., to Minneapolis-Honeywell Regulator Co. Photographic flash unit. 2,824,953, 2-25-58, Cl. 240-13.
- Rockafellow, Ernest D. Metallic parts counter. 2,829,769, 4-8-58, Cl. 209-105.
- Rockafellow, Stuart C., to Robotron Corp. Control circuit having initiation switch in series with an actuating means. 2,831,973, 4-22-58, Cl. 250-27.
- Rockafellow, Stuart C. Negative forge timing for resistance welders. 2,841,691, 7-1-58, Cl. 219-108.
- Rockefeller, Robert L., and L. F. Trimble, to International Business Machines Corp. Automatic verification of zeros. 2,841,981, 7-8-58, Cl. 72-156.
- Rockerath, John L., to The Singer Mfg. Co. Low inertia presser mechanisms for sewing machines. 2,827,006, 3-18-58, Cl. 112-235.
- Rocket Jet Engineering Corp.: *See*—
 Gaylord, John A. 2,847,747.
- Rockett, John F., Jr.: *See*—
 Saklad, Meyer, and Rockett. 2,830,579.
 Saklad, Meyer, and Rockett. 2,830,580.
- Rockford Drop Forge Co.: *See*—
 Johnson, F. Helmer. 2,842,856.
- Rockford Textile Mills, Inc.: *See*—
 Harris, Carl W., and Hester. 2,854,812.
- Rockhoff, Bert E., and F. W. Miller, to Fenestra Inc. Apparatus for storing and changing rolls. 2,829,697, 4-8-58, Cl. 153-28.
- Rocklin, Albert L., to The Dow Chemical Co. Method of making pentachloroaniline and certain new N-substituted pentachloroanilines and alkyl tetrachloro analogs. 2,829,164, 4-1-58, Cl. 260-570.5.
- Rockmont Envelope Co.: *See*—
 Hopkins, John S. 2,855,138.
- Rockoff, Howard W., and S. R. Smith, to Guard, Inc. Shear guard. 2,831,371, 4-22-58, Cl. 74-616.
- Rockoff, Joseph, to The Dayton Rubber Co. Textile cot. 2,837,775, 6-10-58, Cl. 19-143.
- Rockoff, Joseph, to The Dayton Rubber Co. Textile cot. 2,843,883, 7-22-58, Cl. 19-143.
- Rockoff, Joseph, D. L. Waugh, and R. S. Radow, to The Dayton Rubber Co. V-belts. 2,847,865, 8-19-58, Cl. 74-233.
- Rockstroh, Joachim: *See*—
 Wehn, Julius, Busch, Rockstroh, Beushausen, Kaiser, and Rumpf. 2,846,151.
- Rockstrom, Leonard, to Cameron Machine Co. Winding machine. 2,858,997, 11-4-58, Cl. 242-66.
- Rockwall Co.: *See*—
 Bell, Robert. 2,845,684.
- Rockwell, Burt A., and F. W. Daugherty, to Daugherty and Rockwell. Automatic hypodermic syringe. 2,856,924, 10-21-58, Cl. 128-218.
- Rockwell, Daniel T.: *See*—
 Strauss, Herbert E., and Rockwell. 2,836,647.
- Rockwell, Donald M., and W. D. Joseph, to Prismo Safety Corp. Highway marking composition containing glass beads and process for making and using same. 2,824,502, 2-25-58, Cl. 94-22.
- Rockwell, Edward A. Mechanical power booster. 2,855,076, 10-7-58, Cl. 188-14.0.
- Rockwell, George E. Multi-tool power driven wood working machine. 2,835,289, 5-20-58, Cl. 144-1.
- Rockwell Gesellschaft mit beschränkter Haftung: *See*—
 Christiansen, Heinrich C. 2,855,911.
- Rockwell, Harvey P., Jr. Spring tester. 2,829,519, 4-8-58, Cl. 73-161.
- Rockwell, Harvey P., Jr. Circuit sequence controller. 2,830,150, 4-8-58, Cl. 200-88.
- Rockwell, Harvey W., to Allis-Chalmers Mfg. Co. Multiple speed hydraulic valve. 2,837,107, 6-3-58, Cl. 137-106.
- Rockwell Mfg. Co.: *See*—
 Batchelder, George E. 2,854,859.
 Evans, Howard J. 2,853,894.
 Hague, Robert Z., and Hantman. 2,826,069.
 Hague, Robert Z., Karby, and Newbury. 2,858,461.
 Hague, Robert Z., Karby, and Treff. 2,857,763.
 Niesemann, Fritz. 2,834,378.
 Ocenasek, William F. 2,827,085.
 Pettigrew, David D., and Tu. 2,830,628.
 Pettigrew, David D., and Warrick. 2,866,348.
 Polivka, Emil P. 2,861,536.
 Weikart, Warren D., and Deuschle. 2,842,171.
- Rockwell Spring and Axle Co.: *See*—
 Bixby, Leo A. 2,853,895.
 Black, James E. 2,858,714.
 Boughner, Lawrence G. 2,826,427.
 Boughner, Lawrence G. 2,831,372.
 Boughner, Lawrence G., and Whiting. 2,825,415.
 Brownier, Nelson R. 2,846,038.
 Brownier, Nelson R. 2,858,713.
 Buckendale, Lawrence R. 2,831,731.
 Buckendale, Lawrence R. 2,851,115.
 Buckendale, Lawrence, and Petsch. 2,850,920.
 Faust, Charles L., and Safranek. 2,840,517.
 Hammond, Milton B., and Bowman. 2,833,708.
 Herider, Elmer A., and Cumming. 2,834,396.
 Herider, Elmer A., and Pitts. 2,827,951.
 House, Bryan E., and Mathews. 2,852,105.
 Pitts, Kennard, and Herider. 2,834,403.
 Pringle, William L. 2,841,413.
 Safranek, William H. 2,822,326.
 Safranek, William H. 2,832,729.
- Rockwell-Standard Corp.: *See*—
 Herider, Elmer A., and Friesen. 2,853,121.
 Herider, Elmer A., and Pitts. 2,856,988.
 Pawlikowski, Edward T. 2,856,989.
- Rockwood, Albert M.: *See*—
 Ballmer, James E., and Rockwood. 2,829,533.
 Freeman, John F., Smelker, and Rockwood. 2,866,199.
 Glover, Donald D., and Rockwood. 2,822,824.
- Rockwood Sprinkler Co.: *See*—
 Freeman, Howard G. 2,829,874.
- Rocky Mountain Metal Products Co.: *See*—
 Brunson, Thayer R. 2,843,723.
- Rocky Mountain Metal Products Co., Inc.: *See*—
 Brusse, Archie B. 2,821,020.
- Rodal, Ralph, to National Automatic Tool Co., Inc. Rotary indexing apparatus. 2,842,986, 7-15-58, Cl. 77-64.
- Rodale Mfg. Co., Inc.: *See*—
 Lewis, Harold P., and Schmier. 2,820,113.
- Rodder, Jerome A. Quartz fiber torsion ultramicrobalance. 2,842,351, 7-8-58, Cl. 265-54.
- Roddis Plywood Corp.: *See*—
 Ropella, Leonard A. 2,859,187.
- Rode, Fred J., to Niagara Machine & Tool Works. Cushion for power presses. 2,865,626, 12-23-58, Cl. 267-1.
- Rodemich, Charles L., 1/2 to J. P. Kichline, and 1/2 to B. E. Layman. Device for vertically storing refrigerator containers. 2,826,333, 3-11-58, Cl. 220-97.
- Rodenhausen, Andreas, to Faber & Schleicher Akt. Gripper control for sheet printing machines. 2,846,947, 8-12-58, Cl. 101-409.
- Rodenhuis, Klaas, to North American Philips Co., Inc. Electric discharge tube. 2,837,681, 6-3-58, Cl. 313-258.
- Roder, Albert, to N S U Werke Aktiengesellschaft. Frames for motor-bicycles and the like. 2,827,306, 3-18-58, Cl. 280-281.
- Roder, Ernst: *See*—
 Falck, Werner, Roder, and Voll. 2,836,741.
- Röder, Karl, to Daimler-Benz Aktiengesellschaft. Register carburetor for internal combustion engines. 2,822,155, 2-4-58, Cl. 261-23.

- Rodgers, Elbert A. Oil and gas flow control device. 2,844,206, 7-22-58, Cl. 166-54.
- Rodgers, George H., to Marco Industries Co. Multiple indicator and warning light switching system. 2,840,804, 6-24-58, Cl. 340-213.
- Rodgers, George V., to United States of America, Navy. Bearing indicator. 2,854,664, 9-30-58, Cl. 343-102.
- Rodgers, George V., to United States of America, Navy. Bearing synchronizer. 2,859,439, 11-4-58, Cl. 343-106.
- Rodgers, George V., to United States of America, Navy. Azimuth indicating system. 2,864,080, 12-9-58, Cl. 343-106.
- Rodgers, George W.: *See*—
Ammonette, Edward L., and Rodgers. 2,818,726.
- Rodgers, John C., and W. Kiwi, to Huntingdon Industries Inc. Partition assembling machines. 2,841,057, 7-1-58, Cl. 93-38.
- Rodgers, John S., to Devere Co. Power driven lawn mower. 2,854,865, 10-7-58, Cl. 74-740.
- Rodgers, Nelson E.: *See*—
Henika, Richard G., Rodgers, and Miersch. 2,826,571.
- Rodgers, Samuel M., Jr.: *See*—
Sloan, Harold F., Greminger, Windover, and Rodgers. 2,838,384.
- Rodgers, Warren: *See*—
Doll, Donald P., Rodgers, and Trampier. 2,822,242.
Griffin, Thomas S., and Rodgers. 2,822,241.
- Rodi & Wienerberger Akt.-Ges.: *See*—
Binder, Fritz. 2,819,585.
- Rodi & Wienerberger Akt.: *See*—
Stiegele, Karl E. 2,840,982.
- Rodick, Douglas S. Choke device for attachment to a shotgun. 2,861,375, 11-25-58, Cl. 42-79.
- Rodman, Clarence J. Bathtub with reinforcing means. 2,820,228, 1-21-58, Cl. 4-173.
- Rodman, Harry G.: *See*—
Lee, Robert P., and Rodman. 2,846,690.
- Rodman, Norman H. A., to Rodorn, Inc. Simulated candle. 2,831,331, 4-22-58, Cl. 67-55.
- Rodnert, Gustav O.: *See*—
Nilsson, Nils E., Rodnert, and Bjork. 2,862,058.
- Rodorn, Inc.: *See*—
Rodman, Norman H. A. 2,831,331.
- Rodriguez, John J., Jr. Masking device for fingernails. 2,842,141, 7-8-58, Cl. 132-73.5.
- Rodriguez, Antoine R. Seafood processing machines. 2,858,563, 11-4-58, Cl. 17-2.
- Rodriguez, Charles F., Jr., to Aerojet-General Corp. Auto-pilot steering system. 2,866,146, 12-23-58, Cl. 318-489.
- Rodriguez, Juan C. L. Water heating attachment for cold water pipes. 2,861,170, 11-18-58, Cl. 219-39.
- Rodriguez, Manuel G. Lathe dog having an adjustable tail. 2,857,797, 10-28-58, Cl. 82-41.
- Rodriguez, Pedro M. Take-apart kite. 2,822,140, 2-4-58, Cl. 244-153.
- Rodriguez-Alvarez, Antonio: *See*—
Dorbecker, Narno, and Rodriguez-Alvarez. 2,865,371.
- Rodriguez-Torrent, Ralph, and R. W. Fitzwater; dedicated to the public. DDT stabilized compositions. 2,844,507, 7-22-58, Cl. 167-30.
- Rodsky, Bernard. 37½% to J. C. Boyd and 37½% to W. E. Boyd. Building material. 2,858,227, 10-28-58, Cl. 106-97.
- Rodwell, William: *See*—
Long, Everett, and Rodwell. 2,838,451.
- Roe, A. V., Canada Ltd.: *See*—
Creek, John O. 2,826,947.
Creek, John O. 2,849,788.
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Kelk, George F., and Klompas. 2,858,104.
Purvis, Joseph T., and Sachs. 2,841,363.
Sachs, Robert M., and Secord. 2,848,191.
- Roe, Albert N. Portable drill press. 2,827,806, 3-25-58, Cl. 77-7.
- Roe, Charles C.: *See*—
Chandler, James I., and Roe. 2,844,783.
- Roe, Charles C. to Le Tourneau-Westinghouse Co. Control transformer. 2,844,804, 7-22-58, Cl. 336-160.
- Roe, Ernest: *See*—
Daniel, David M. 2,834,382.
- Roe, John E., ½ to St. Clements Press Ltd. Separation or batching of substantially flat sheets of material continuously emerging from a machine. 2,852,990, 9-23-58, Cl. 93-93.
- Roe, Loyal K.: *See*—
Erickson, Fred E., and Roe. 2,836,325.
- Roe, René P. V.: *See*—
Peticolas, Pierre, Richard, Sureau, Roe, and Develotte. 2,858,301.
- Roe, William P., to National Lead Co. Process for case hardening metals. 2,852,409, 9-16-58, Cl. 117-21.
- Roerber, Henry W.: *See*—
Crosby, Alton L., and Roerber. 2,855,016.
Gartner, Stanley J., and Roerber. 2,826,004.
- Roerber, Henry W., to Sylvania Electric Products Inc. Glass collet loader for turntable. 2,829,761, 4-8-58, Cl. 198-33.
- Roerber, Henry W., to Sylvania Electric Products Inc. Article transfer and inverting mechanism. 2,829,782, 4-8-58, Cl. 214-1.
- Roerber, Henry W., to Sylvania Electric Products Inc. Tube transfer mechanism. 2,843,272, 7-15-58, Cl. 214-1.
- Roebig, Adolf. Casting machine for chill casting cylindrical liners. 2,841,839, 7-8-58, Cl. 22-57.
- Roebing's, John A., Sons Corp.: *See*—
Nixon, Leroy. 2,833,118.
Nixon, Leroy. 2,834,302.
- Roebing, Robert C. Tensioning device for cables. 2,865,600, 12-23-58, Cl. 254-67.
- Roebing, Werner, to Patent-Treuhand-Gesellschaft für Elektrische Glühlampen m. b. H. Cathode coating. 2,831,137, 4-15-58, Cl. 313-109.
- Roecke, Bernhard, to Henkel & Cie. G. m. b. H. Production of terephthalic acid. 2,823,229, 2-11-58, Cl. 260-515.
- Roecke, Bernhard, to Henkel & Cie. G. m. b. H. Process for preparing terephthalic acid. 2,823,230, 2-11-58, Cl. 260-515.
- Roedelheimer, Edgar, and H. A. Korn, said Korn assor, to said Roedelheimer. Coin dispenser. 2,853,083, 9-23-58, Cl. 133-6.
- Roeder, Rolf H., to Worthington Corp. Governor. 2,860,866, 11-18-58, Cl. 264-19.
- Roeder, Wesley S. Manipulative aptitude test apparatus. 2,835,986, 5-27-58, Cl. 35-13.
- Roediger, Joseph C.: *See*—
Morris, Kenneth G., Roediger, Newberg, and Sayko. 2,842,507.
- Roeger, Richard E., to Cleveland Instrument Co. Opposed head comparator. 2,826,518, 3-18-58, Cl. 33-147.
- Roeger, Richard E., to Cleveland Instrument Co. Gaging mechanism. 2,844,879, 7-29-58, Cl. 33-174.
- Roeger, Richard E., to Cleveland Instrument Co. Run-out discriminator gage. 2,854,757, 10-7-58, Cl. 33-174.
- Roehm, Edgar W., to W. D. Allison Co. Dental instrument cabinets. 2,823,090, 2-11-58, Cl. 312-333.
- Roehm, Jack M.: *See*—
Johnson, David R., Muessel, and Roehm. 2,833,004.
- Roehmann, Ludwig F., to Anaconda Wire and Cable Co. Terminal assembly for shielded cables. 2,827,508, 3-18-58, Cl. 174-73.
- Roehrig, Frederick L. O. Duplex camera shutter. 2,860,558, 11-18-58, Cl. 95-18.
- Roehrig, Jonathan R.: *See*—
Bridges, Samuel W., and Roehrig. 2,824,488.
Lawrance, Richard B., and Roehrig. 2,824,486.
- Roehrig, Jonathan R., to National Research Corp. Apparatus for grading anisotropic fibers. 2,824,487, 2-25-58, Cl. 88-14.
- Roehrig Co.: *See*—
Purcell, Howard M. 2,821,144.
- Roelen, Otto: *See*—
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Büchner, Karl, Roelen, and Meis. 2,850,536.
Büchner, Karl, Roelen, and Schwarz. 2,862,026.
Gothel, Herbert, Kolling, Roelen, and Geiser. 2,836,635.
- Roelen, Otto, H. Kolling, N. Geiser, and E. Siebling, to Ruhrchemie Akt. Process for the purification of highly polymerized hydrocarbons. 2,838,477, 6-10-58, Cl. 260-82.
- Roelofs, Henry M.: *See*—
Bernick, Leslie M., Roelofs, and McFarland. 2,862,841.
Bernick, Leslie M., Roelofs, and McFarland. 2,862,842.
- Roemer, Raymond B.: *See*—
Greenfield, Samuel, and Roemer. 2,831,590.
- Roermann, Albert K., Jr.: *See*—
Redka, Henry R. 2,838,310.
- Roen, Thor R., to Pullman-Standard Car Mfg. Co. Hatch frame arrangement. 2,840,010, 6-24-58, Cl. 105-377.
- Roepke, John H., to D. D. Davis and G. F. Fitzgerald. Dual opening display cartons. 2,834,532, 5-13-58, Cl. 229-44.
- Roersch, Adolf, H. Sonnet, and L. Muth. Turbine spindle bearing. 2,828,938, 4-1-58, Cl. 253-2.
- Roersch, Fernand, to Irvay Cosmetics, Inc. Hair straightener containing a keratin reducing agent, anionic wetting agent and water-soluble soap and method of using same. 2,865,811, 12-23-58, Cl. 167-87.1.
- Roersch, George R., to The Rush Stamping Co. Pawl mechanism for hand brake levers. 2,831,366, 4-22-58, Cl. 74-503.
- Roersch, Georges H., to Power Jets (Research and Development) Ltd. Cooling of turbines. 2,859,935, 11-11-58, Cl. 253-39.15.
- Roesser, Gerald P., to American-Marietta Co., Stoner-Mudge Co. Division. Combined propylene carbonate and aromatic hydrocarbon solution of a vinyl resin. 2,850,470, 9-2-58, Cl. 260-30.4.
- Roesser, Gerald P., to American-Marietta Co., Stoner-Mudge Co. Division. Combined acetonitrile and aromatic hydrocarbon solvent solution of a vinyl chloride-vinyl acetate copolymer. 2,865,879, 12-23-58, Cl. 260-32.4.
- Roesser, John O., to Illinois Tool Works. Low travel switch mechanism. 2,840,656, 6-24-58, Cl. 200-67.
- Roesser, John O., to Illinois Tool Works. Two circuit snap switch. 2,840,657, 6-24-58, Cl. 200-67.
- Roeske, Alfred E., to International Minerals & Chemical Corp. Tank design. 2,849,143, 8-26-58, Cl. 220-1.
- Roessler, Charles E., Jr. Sequence program control. 2,846,892, 8-12-58, Cl. 74-54.
- Roessler, Ellamae W. Adjustable elastic gripping member. 2,852,779, 9-23-58, Cl. 2-161.
- Roessler, Henry W.: *See*—
Hedden, Robert R., and Roessler. 2,862,731.
- Roethel Engineering Corp.: *See*—
Roethel, John H. 2,825,595.
Roethel, John H. 2,846,256.

- Roethel, John H., to Roethel Engineering Corp. Door lock. 2,825,595, 3-4-58, Cl. 292-280.
- Roethel, John H. Door lock. 2,828,993, 4-1-58, Cl. 292-280.
- Roethel, John H. Vehicle window guiding means. 2,844,405, 7-22-58, Cl. 296-44.5.
- Roethel, John H., to Roethel Engineering Corp. Door lock. 2,846,256, 8-5-58, Cl. 292-280.
- Roethlisberger, Arthur C.: *See*—
Popovich, Montgomery T., and Roethlisberger. 2,865,980.
- Roetter, Robert P.: *See*—
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- Rogak, Earl D., to Sinclair Refining Co. Grease composition containing chlorosulfonated polymer. 2,849,402, 8-26-58, Cl. 252-42.1.
- Rogalski, John B.: *See*—
Good, Paul F., and Rogalski. 2,828,119.
- Rogas, John A. Viewer for film slides. 2,853,816, 9-30-58, Cl. 40-78.
- Rogatz, Alvin L., to Zenith Radio Corp. High voltage ceramic dielectric. 2,864,712, 12-16-58, Cl. 106-39.
- Roger, Albert J., and L. Baum; said Roger assor. to said Baum. Syringe. 2,856,923, 10-21-58, Cl. 128-218.
- Rogers, Alan B., and J. F. Roland, Jr., to Armour and Co. Growth promotant substances. 2,844,466, 7-22-58, Cl. 99-2.
- Rogers, Albert T.: *See*—
Meredith, James W., and Rogers. 2,862,308.
- Rogers, Arthur O., and M. A. Stevens, to E. I. du Pont de Nemours and Co. Method of foaming rubber. 2,825,747, 3-4-58, Cl. 260-724.
- Rogers, Charles E.: *See*—
Ely, Frederic G., Rogers, and Romer. 2,819,150.
- Rogers, Chester E., Jr.: *See*—
Nokes, Philip E., Rogers, and Dow. 2,819,378.
- Rogers, Delmar R., and E. L. Shelf and pole bracket. 2,859,879, 11-11-58, Cl. 211-90.
- Rogers, Douglas A., to Rodney Hunt Machine Co. Methods for treating latices. 2,857,962, 10-28-58, Cl. 159-49.
- Rogers, Douglas C. R., to International Standard Electric Corp. Travelling wave apparatus. 2,851,629, 9-9-58, Cl. 315-3.5.
- Rogers, Douglas C. R., and P. F. C. Burke, to International Standard Electric Corp. Travelling wave tubes. 2,824,996, 2-25-58, Cl. 315-3.5.
- Rogers, Dow A., Jr., to Westinghouse Electric Corp. Polymerizable polyester and vinylidene monomer resinous composition and electrical conductor insulated therewith. 2,829,191, 4-1-58, Cl. 174-110.
- Rogers, Dow A., Jr., and D. W. Lewis, to Westinghouse Electric Corp. Polymeric composition containing silicone modified unsaturated polyester and vinylidene monomer and electrical conductor coated therewith. 2,849,527, 8-26-58, Cl. 174-121.
- Rogers, Edmund: *See*—
Stetz, Robert J., and Rogers. Re. 24,414.
- Rogers, Edward F.: *See*—
Matzuk, Alexander R., Pfister, and Rogers. 2,824,132.
- Rogers, Eleanor L.: *See*—
Rogers, Delmar R., and E. L. 2,859,879.
- Rogers, Ernest W., and R. C. Beal, to Owens-Corning Fiberglass Corp. Dual fuel burner. 2,863,498, 12-9-58, Cl. 158-11.
- Rogers, Freeman P.: *See*—
Pflumm, Heinz R., and Rogers. 2,834,102.
- Rogers, Gerald L., to Stile-Craft Manufacturers, Inc. Bayonet slot coupling provided with ball anti-friction means also sleeve manipulation. 2,843,401, 7-15-58, Cl. 285-82.
- Rogers, Gordon F., to Radio Corp. of America. Kinescope coupling and control circuits. 2,832,822, 4-29-58, Cl. 178-7.5.
- Rogers, Gordon F., to Radio Corp. of America. Automatic gain control and sync separator circuits. 2,855,458, 10-7-58, Cl. 178-7.3.
- Roger's Health Equipment, Inc.: *See*—
Lawton, Harry R. 2,825,563.
- Rogers, Howard G., to Polaroid Corp. Photographic processes. 2,855,299, 10-7-58, Cl. 96-28.
- Rogers, Ivor C., to Massey-Harris-Ferguson Inc. Harvester having a specific platform adjusting means. 2,822,656, 2-11-58, Cl. 56-208.
- Rogers, Ivor C., and L. M. Krause, to Massey-Harris-Ferguson Ltd. Sickle drive. 2,835,133, 5-20-58, Cl. 74-60.
- Rogers, Ivor C., and J. J. Karasievich, to Massey-Ferguson Inc. Cultivator. 2,850,956, 9-9-58, Cl. 97-47.83.
- Rogers, Job R.: *See*—
MacNichol, Edward F., Jr., Connelly, and Rogers. 2,836,810.
- Rogers, John P.: *See*—
Stelljes, Charles R., and Rogers. 2,837,927.
- Rogers, Louis J., C. W. Capehart, and R. B. Fertig, to Union Carbide Corp. Electronic system for indicating minute parameter changes. 2,831,166, 4-15-58, Cl. 332-2.
- Rogers, Mortimer L.: *See*—
Lake, Clair D., Fiehl, and Rogers. 2,833,387.
- Rogers, Quentin W. Television guy wire adjuster and anchor. 2,843,902, 7-22-58, Cl. 24-71.1.
- Rogers, Raymond A.: *See*—
Fischer, Paul W., and Rogers. 2,857,328.
Fischer, Paul W., and Rogers. 2,857,329.
- Rogers, Robert E., H. V. Lea and F. L. Hill, to Harvestaire, Inc. Threshing fan. 2,835,256, 5-20-58, Cl. 130-27.
- Rogers, Russell V., to International Business Machines Corp. Method of making magnetic recording media. 2,853,407, 9-23-58, Cl. 148-6.35.
- Rogers, Thomas G., to Southern Wood Preserving Co. Apparatus for handling crosssties. 2,864,516, 12-16-58, Cl. 214-41.
- Rogers, Thomas H., to Machlett Laboratories, Inc. System for maintaining constant quantity rate and constant quality of X-radiation from an X-ray generator. 2,825,816, 3-4-58, Cl. 250-95.
- Rogers, Thomas H., to Machlett Laboratories, Inc. High voltage electron tube. 2,833,953, 5-6-58, Cl. 313-317.
- Rogers, Thomas H., Jr., N. R. Bender, and T. R. Ten Broeck, to The Goodyear Tire & Rubber Co. Manufacture of flexible cellular material. 2,827,665, 3-25-58, Cl. 18-48.
- Rogers, Verne: *See*—
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- Rogers, Walter F.: *See*—
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- Rogers, William A., Jr.: *See*—
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- Rogg, Jack: *See*—
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- Roggentin, John A., to H. T. Nyberg. Trouser-hanger. 2,853,216, 9-23-58, Cl. 223-95.
- Rogin, Milton: *See*—
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- Rogner, Ernst, to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Apparatus for covering parts of a textile drawing mechanism. 2,856,642, 10-21-58, Cl. 19-134.
- Rogoff, Mortimer: *See*—
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- Rogoff, Mortimer, and C. T. Clark, to International Telephone and Telegraph Corp. Navigation receiving system. 2,852,773, 9-16-58, Cl. 343-106.
- Rogowski, Frank J. Safety railroad tie holder. 2,837,313, 6-3-58, Cl. 254-121.
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- Rohacs, Etienne, to Societe d'Applications des Machines Motrices. Hydraulic shock absorber. 2,856,035, 10-14-58, Cl. 188-88.
- Rohan, Francis D.: *See*—
Carter, Grover C., F. D. Rohan, C. C. Carter, and F. D. Rohan, Jr. 2,853,031.
- Rohan, Francis D., Jr.: *See*—
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- Rohan, Norman E. Fishing gig. 2,864,196, 12-16-58, Cl. 43-6.
- Rohatyn, Frederick S., to Federal Pacific Electric Co. Transformers. 2,855,576, 10-7-58, Cl. 336-182.
- Rohde, Robert L.: *See*—
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- Rohde, Robert P.: *See*—
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- Rohdenburg, Edward L.: *See*—
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- Rohdin, Howard A. Feed rolls for bag making and like machines. 2,836,415, 5-27-58, Cl. 271-2.3.
- Rohé, Frederick W., to Signal Oil and Gas Co. Overheat switch insulator lock nut. 2,826,631, 3-11-58, Cl. 174-138.
- Rohland, Paul G. Rope clamps undetachably pressed onto wire ropes and such like. 2,849,771, 9-2-58, Cl. 24-123.
- Rohlf, John H. Machine for cutting an arcuate face on a metal bar or the like. 2,826,963, 3-18-58, Cl. 90-15.
- Röhm, Günter H. Live center. 2,844,063, 7-22-58, Cl. 82-33.
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 Fegley, Marian F., and Bortnick. 2,827,488.
 Ferris, Arthur F. 2,837,488.
 Feuer, Seymour S. 2,857,360.
 Goode, William E. 2,861,060.
 Gruntfest, Irving J., and Fordyce. 2,838,397.
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 Huang, Hsing T., and Smythe. 2,832,688.
 Hurwitz, Marvin J., and De Benneville. 2,865,899.
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 Hurwitz, Melvin D. 2,833,674.
 Hwa, Jesse C. H. 2,840,533.
 Hwa, Jesse C. H. 2,862,892.
 Hwa, Jesse C. H. 2,862,893.
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 Lane, Earl W. 2,850,535.
 Lo, Chien-Pen. 2,823,158.
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 Lo, Chien-Pen, and Craig. 2,835,625.
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 Lusk, Leo S., and De Benneville. 2,833,751.
 Matlin, Nathaniel A. 2,866,256.
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 Morton, James E. M. 2,831,591.
 Nemec, Joseph W. 2,839,538.
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 O'Brien, Joseph L. 2,863,851.
 Packard, John C. 2,823,475.
 Rainey, James L., and Rinear. 2,820,043.
 Rau, William J., and Somerville. 2,826,477.
 Riedeman, William L. 2,826,591.
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 Riener, Edward F. 2,834,708.
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 Riley, Gerard C. 2,819,996.
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 Rowland, Stanley P., and Conyne. 2,822,368.
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 Schmidle, Claude J., and Mansfield. 2,847,414.
 Schucker, Frederick L. 2,826,478.
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 Thurmon, Francis M. 2,838,440.
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- Rohm & Haas Co. m. b. H.:** *See*—
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- Rohn, Ivan D.** Cross brace and method of making same. 2,846,760, 8-12-58, Cl. 29—193.5.
- Rohr Aircraft Corp.:** *See*—
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- Myron, Clayton E. 2,831,499.
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 Rohr, Ernst. Independent wheel spring suspension. 2,861,796, 11-25-58, Cl. 267—21.
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 Rohrbach, John H., C. Pine, and W. G. Zoellner. Method for making a bolometer. 2,836,800, 5-27-58, Cl. 333—22.
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 Rolando, John. Hand tool for bending a wire end. 2,824,475, 2-25-58, Cl. 81—15.
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 Rolen, Carl R. Structural member. 2,851,747, 9-16-58, Cl. 20—91.
 Rolen, Carl R. Clip for locating and maintaining adjacent non-interfitting edges of panels co-planar. 2,855,640, 10-14-58, Cl. 20—92.7.
 Rolf, Elmer A. I-beam mounting for earth tiller. 2,857,833, 10-28-58, Cl. 97—17.84.
 Rolf, Erich, to Siemens-Schuckertwerke Aktiengesellschaft. Electric contact converters. Re. 2,445,6, 4-8-58, Cl. 321—48.
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 Rolfe, Hugh R., to Shell Development Co. Rotary capacitance cell. 2,848,667, 8-19-58, Cl. 317—246.
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 Rolfsen, Ole and P. Sintering apparatus. 2,859,957, 11-11-58, Cl. 266—21.
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 Rolland, Paul. Violin bow attachment. 2,820,388, 1-21-58, Cl. 84—282.
 Rolle, Edward. Resinous compound for potting electronic components, etc. 2,835,640, 5-20-58, Cl. 260—22.
 Rolle, Edward. Submarine signal bomb. 2,859,095, 11-11-58, Cl. 102—7.
 Rolle, Edward W. Thermosetting polyester composition containing molybdenum disulfide and method of making bearings therefrom. 2,860,111, 11-11-58, Cl. 260—22.
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 Roller, Edwin R. Automotive sub-atmospheric pressure-actuated overdrive control and indicator system. 2,837,932, 6-10-58, Cl. 74—172.

- Roller, Paul S. Electrolytic generation of metal hydroxide. 2,860,090, 11-11-58, Cl. 204-96.
- Roller, Jean L. A.: *See*—
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- Rollie, Robert D., to Minnesota Mining and Mfg. Co. Damage-resistant packages. 2,853,185, 9-23-58, Cl. 206-52.
- Rollings, William T.: *See*—
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- Rollins, Fred W.: *See*—
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- Rollins, Fred W., to Kennedy Van Saun Mfg. & Eng. Corp. Apparatus for reducing material by impact. 2,862,669, 12-2-58, Cl. 241-154.
- Rollins, H. Beale: *See*—
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Buck, Benjamin I. 2,831,518.
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- Rollman, Heinz, A. Szerenyi, and C. Kaufman, to Ro-Search Inc. Tread member for a shoe. 2,826,832, 3-18-58, Cl. 36-28.
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- Roll-O-Matic Chain Co.: *See*—
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- Rolls-Royce Ltd.: *See*—
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Emblem, Harold G., and Cloherty. 2,842,445.
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- Rolly, Heinrich: *See*—
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- Rolock, Inc.: *See*—
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- Rolph, Donald L., and R. A. McKee, to Friden, Inc. Printing calculating apparatus switch means. 2,864,554, 11-16-58, Cl. 235-60.12.
- Rolph, Samuel W., to The Electric Storage Battery Co. Storage battery. 2,861,118, 11-18-58, Cl. 136-177.
- Rolscreen Co.: *See*—
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- Roman, George: *See*—
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- Roman, James A. Constant volume pressure pick-up. 2,845,060, 7-29-58, Cl. 128-205.
- Romanek, Edward W. Electrical coupling. 2,841,774, 7-1-58, Cl. 339-237.
- Romano, James V. Telephone support. 2,835,745, 5-20-58, Cl. 179-149.
- Romano, Luigi and S. Metal clip adapted for use with rubber piping. 2,821,004, 1-28-58, Cl. 24-273.
- Romano, Silvio: *See*—
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- Romanoff, Harold. Aquarium aerating pump. 2,830,757, 4-15-58, Cl. 230-162.
- Romanovsky, Cyril, and T. E. Jordan, to Publicker Industries Inc. Process for the manufacture of butadiene. 2,819,327, 1-7-58, Cl. 260-681.
- Romanovsky, Cyril, and T. E. Jordan, to Publicker Industries Inc. Catalyst and method of preparation therefor. 2,850,463, 9-2-58, Cl. 252-437.
- Romatowski, Edward J., to Allied Chemical & Dye Corp. Stable catalyzed amine-modified urea-formaldehyde resin compositions containing monohydric alcohol and excess formaldehyde and methods of producing such compositions. 2,827,441, 3-18-58, Cl. 260-29.4.
- Rombach, Louis H.: *See*—
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- Romberg, Harvey. Portable storage bin. 2,834,493, 5-13-58, Cl. 214-509.
- Rome Cable Corp.: *See*—
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- Rome, Martin, to Westinghouse Electric Corp. Increasing contrast of the image intensifier. 2,824,986, 2-25-58, Cl. 313-65.
- Romeo, John. Audible fishing lure. 2,853,826, 9-30-58, Cl. 43-42.31.
- Romer, Harold. Fluid samplers. 2,841,012, 7-1-58, Cl. 73-421.
- Romer, John B.: *See*—
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- Rometsch, Rudolf, to Ciba Pharmaceutical Products, Inc. Process for the conversion of stereoisomers. 2,838,519, 6-10-58, Cl. 260-294.3.
- Romig, Earl J., to United States Steel Corp. Pay-off guide for coil holder. 2,819,854, 1-14-58, Cl. 242-129.
- Romig, Richard I. Water-ski with adjustable heel. 2,866,210, 12-30-58, Cl. 9-21.
- Romine, James W., to Greening Nursery Co. Tree wrapping machine. 2,847,808, 8-19-58, Cl. 53-124.
- Romine, Lee W. Signal connecting bolt. 2,863,024, 12-2-58, Cl. 200-135.
- Romito, Leopold S. Hydraulic chairs. 2,854,061, 9-30-58, Cl. 155-25.
- Romito, Vincent A.: *See*—
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- Romito, Vincent A., to Aseptic Thermo Indicator Co. Frozen food telltale. 2,850,393, 9-2-58, Cl. 99-192.
- Rommel, Frederick E., to Telephone Mfg. Co. Ltd. Electromagnetic switches. 2,821,598, 1-28-58, Cl. 200-104.
- Rommel, Frederick E., to The Telephone Mfg. Co., Ltd. Electromagnetic relays and to apparatus incorporating such relays. 2,863,018, 12-2-58, Cl. 200-98.
- Rommel, Frederick E., and M. Simons, to Telephone Mfg. Co. Ltd. Electromagnetic relays. 2,823,282, 2-11-58, Cl. 200-93.
- Rommel, Frederick E., and N. F. Pettet, to Telephone Mfg. Co. Ltd. Electric contact-making devices. 2,853,578, 9-23-58, Cl. 200-104.
- Rommel, Howard E. Jet-propelled missile. 2,833,216, 5-6-58, Cl. 102-34.
- Rommel, Max. Razor blade package. 2,849,109, 8-26-58, Cl. 206-46.
- Rommel, Theodor, and K. Behnke, to G. Wagner. Ink pads. 2,825,298, 3-4-58, Cl. 118-264.
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- Romo, Jesus: *See*—
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- Romppe, Elmer J., to Minnesota and Ontario Paper Co. Roof deck fabricating mechanism. 2,836,282, 5-27-58, Cl. 198-33.
- Romrell, Clarence L., to Sawyer's Inc. Stereoscopic viewer and rectangular view mounting card. 2,834,251, 5-13-58, Cl. 88-31.
- Rona, Gustav G., to Dora-Bel Handbags Inc. Handbag construction. 2,852,055, 9-16-58, Cl. 150-28.
- Ronagra Etablissement: *See*—
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- Ronan, William J., to Safety Bath Rail, Inc. Grab bar mounting means. 2,847,177, 8-12-58, Cl. 248-216.
- Ronay, Bela M. After cooler for welding torches. 2,866,074, 12-23-58, Cl. 219-74.
- Ronches, Peter P., to Form-All Mfg. Co. Radius and tangential angle dresser. 2,853,994, 9-30-58, Cl. 125-11.
- Ronci, Fernando M. Plastic shoe heel. 2,851,796, 9-16-58, Cl. 36-34.
- Ronci, Fernando M. Heel and tap therefor. 2,851,797, 9-16-58, Cl. 36-42.
- Roncoroni, Antonio, to S. P. A. Fibre Tessili Artificiali. Anti-moth composition containing polyvinyl chloride and naphthalene. 2,861,965, 11-25-58, Cl. 260-23.
- Rondello, Antonio. Gas stove safety device. 2,834,335, 5-13-58, Cl. 126-42.
- Rondo Development Corp.: *See*—
De Wiess, Ferdinand A. 2,834,260.
- Roney, Richard N.: *See*—
Luthman, James J., and Roney. 2,858,652.
- Ronfeldt, Howard W.: *See*—
Olson, Raymond G., and Ronfeldt. 2,847,879.
- Rongen, Jacobus J., to North American Philips Co., Inc. Mixing circuit comprising a self-oscillating triode with intermediate-frequency feed-back. 2,828,410, 3-25-58, Cl. 250-20.
- Rongus, Leo P.: *See*—
Apstein, Maurice, Bowles, Mitchell, and Rongus. 2,846,949.
- Ronk, Leroy B.: *See*—
Koll, Robert E., and Ronk. 2,832,925.
- Ronka, Vaino, to Canadian Airborne Geophysics Ltd. Transmitting apparatus for inductive prospecting. 2,839,751, 6-17-58, Cl. 343-207.
- Ronnebeck, Heinrich R., to Imperial Chemical Industries, Ltd. Apparatus for dispensing fluids. 2,846,121, 8-5-58, Cl. 222-133.
- Ronning, Adolph. Vehicle suspension having differentially connected wheels. 2,842,377, 7-8-58, Cl. 280-104.5.

- Ronning, Martin: *See*—
Korsmo, Alfred, and Ronning. 2,831,307.
- Ronning, Martin, to Minneapolis Moline Co. Straw spreader for grain harvesters. 2,862,717, 12-2-58, Cl. 275-3.
- Ronningen, Helmer A. and R. M., and W. J. Petter. Automatic backwashing filter. 2,823,017, 3-25-58, Cl. 210-102.
- Ronningen, Robert M.: *See*—
Ronningen, Helmer A. and R. M., and Petter. 2,828,017.
- Ronson Corp.: *See*—
Nissen, Warren I. 2,846,861.
Nissen, Warren I. 2,866,580.
- Roof, Earl O. Variable pitch mower. 2,833,102, 5-6-58, Cl. 56-25.4.
- Roofing Machinery Mfg. Co.: *See*—
Fuller, Homer H. 2,821,123.
Walton, Alfred B. 2,821,163.
- Rookus, James E. Demountable hub for film storage reels. 2,831,680, 4-22-58, Cl. 271-2.17.
- Roome, Elmer C., to Burroughs Corp. Instrument cabinet. 2,829,023, 4-1-58, Cl. 312-257.
- Rooney, George F., Jr. Pneumatic dry powder offset eliminator. 2,850,214, 9-2-58, Cl. 222-193.
- Roos, Hans: *See*—
Pfirsche, Johannes, Altnier, and Roos. 2,823,221.
- Roos, Jacob F., and A. Smith, to Coty, Inc. Powder box. 2,849,170, 8-26-58, Cl. 229-43.
- Roos, Joe, Jr.: *See*—
Garner, Claude M., Roos, and Wright. 2,829,860.
- Roos, John T., to Bird Machine Co. Pan filter construction. 2,849,122, 8-26-58, Cl. 210-328.
- Roos, Paul A. Navigation training device. 2,855,701, 10-14-58, Cl. 35-10.2.
- Roos, William J. Electrostatic precipitators. 2,847,082, 8-12-58, Cl. 183-7.
- Roos, William J., and E. L. Richardson, to Westinghouse Electric Corp. Electrostatic precipitators. 2,822,058, 2-4-58, Cl. 183-7.
- Roosa, Vernon D. Leak-off fuel collecting system for fuel injection engines. 2,829,004, 4-1-58, Cl. 299-58.
- Roosa, Vernon D. Fuel injection means for internal combustion engines. 2,821,183, 1-28-58, Cl. 123-139.
- Roosa, Vernon D. Plunger control means for fuel pumps. 2,828,697, 4-1-58, Cl. 103-161.
- Roosa, Vernon D. Control means for a fuel pump valve. 2,865,347, 12-23-58, Cl. 123-140.
- Roosa, Vernon D. Fuel injection nozzle. 2,865,675, 12-23-58, Cl. 299-107.6.
- Root, Adelbert F. Auxiliary throttle control for motor vehicles. 2,854,106, 9-30-58, Cl. 192-3.
- Root, Andrew A., to Bradley Container Corp. Holder for filling pillow packages. 2,819,740, 1-14-58, Cl. 141-316.
- Root, Elihu, 3rd, to R. E. Dietz Co. Transistor oscillator circuit. 2,829,257, 4-1-58, Cl. 250-36.
- Root, Robert S., to Lipe-Rollway Corp. Heavy duty friction clutch. 2,863,537, 12-9-58, Cl. 192-13.
- Root Spring Scraper Co.: *See*—
Weeks, Warren D. 2,825,985.
Weeks, Warren D. 2,851,935.
- Roots, Menefee. Vending machine. 2,831,603, 4-22-58, Cl. 221-122.
- Roots, William K., to Pioneer Electric Brandon Ltd. Automatic electric switching system. 2,843,759, 7-15-58, Cl. 307-34.
- Roovers, Wilhelmus A.: *See*—
Erkelens, Johannes, Kamerman, and Roovers. 2,844,769.
- Roovers, Wilhelmus A., and O. L. Van Steenis, deceased (by J. D. Heijligers, executor), to North American Philips Co., Inc. Semiconductor electrode system. 2,835,853, 5-20-58, Cl. 317-236.
- Roozee, James B., to Vandercook & Sons, Inc. Device for feeding ink. 2,866,579, 12-30-58, Cl. 222-180.
- Roosendaal, Klaas, and E. Hellingsman, to North American Philips Co., Inc. Refrigerating device comprising a gas-refrigerator. 2,836,964, 6-3-58, Cl. 62-2.
- Rop, James O., to Jervis Corp. Door mechanism. 2,835,244, 5-20-58, Cl. 126-191.
- Ropella, Leonard A., to Roddis Plywood Corp. Fireproof door core of phenol formaldehyde, wood chips and diammonium phosphate. 2,859,187, 11-4-58, Cl. 260-17.2.
- Roper Engineering Co.: *See*—
Ferguson, Charles E. 2,829,498.
Ferguson, Charles E. 2,829,499.
- Roper, Geo. D., Corp.: *See*—
Hillebrand, Earl D. 2,862,667.
Jensen, Gilbert W. 2,854,069.
Jensen, Lionel R. 2,861,563.
Reeves, Herbert M. 2,866,450.
- Roper Industries Inc.: *See*—
Mosbacher, Bruce H. 2,860,895.
- Roper, John M., to Grimes Mfg. Co. Instrument panel lighting. 2,824,954, 2-25-58, Cl. 240-8.16.
- Roper, John M. Instrument panel lighting assembly. 2,835,789, 5-20-58, Cl. 240-8.16.
- Roper, John M., to Grimes Mfg. Co. Illuminated instrument panel. 2,855,709, 10-14-58, Cl. 40-130.
- Roper, John M., to Grimes Mfg. Co. Illuminated instrument panel. 2,855,710, 10-14-58, Cl. 40-130.
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Pontecorvo, Guido P., and Roper. 2,820,742.
- Roper, Lowell W. Archery bow. 2,842,113, 7-8-58, Cl. 124-24.
- Roper, Val J., to General Electric Co. Vehicle headlamp having means facilitating installation. 2,824,489, 2-25-58, Cl. 88-14.
- Ropiequet, Richard L., to Tektronix, Inc. Free-running multivibrator. 2,826,694, 3-11-58, Cl. 250-36.
- Ropiequet, Richard L., and J. R. Kobbe, to Tektronix, Inc. Multivibrator hold off circuit. 2,853,609, 9-23-58, Cl. 250-27.
- Ropp, Walter S.: *See*—
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- Roquemore, Cass R., to United States of America, Navy. Non-propulsion attachment for rockets. 2,866,413, 12-30-58, Cl. 102-49.
- Rorden, Robert J.: *See*—
Curler, Leonard S., and Rorden. 2,832,036.
- Rorig, Kurt J., to G. D. Searle & Co. N-(cyclic aminoethyl) phenylpiperidylmethanes and carbinols. 2,833,777, 5-6-58, Cl. 26-294.7.
- Rorig, Kurt J., to G. D. Searle & Co. Bis (hydroxyphenyl) alkenones and process. 2,836,623, 5-27-58, Cl. 260-590.
- Rorig, Kurt J., to G. D. Searle & Co. β -amino- α -phenylethyl chlorocarbaniates. 2,850,499, 9-2-58, Cl. 260-294.3.
- Rorig, Kurt J., to G. D. Searle & Co. 4-dialkylamino-2-hydroxybenzyl-2-hydroxyphenylbutyronitrile, corresponding ethers, and amides. 2,854,472, 9-30-58, Cl. 260-465.
- Rorig, Kurt J., to G. D. Searle & Co. Acetylated coumarin derivatives. 2,857,401, 10-21-58, Cl. 260-343.2.
- Rorig, Kurt J., to G. D. Searle & Co. Cyclic aminoalkyl chloro carbaniates. 2,865,921, 12-23-58, Cl. 260-294.3.
- Rork, Elwood C., to Arcturus Mfg. Co., Inc. Method of forging balanced turbine impellers and the like. 2,835,960, 5-27-58, Cl. 29-156.8.
- Rosa, Anthony G. Combination wallet and rosary. 2,827,161, 3-18-58, Cl. 206-19.
- Rosa, Anthony G. Locking devices. 2,827,878, 3-25-58, Cl. 120-9.
- Rosa, Anthony G. Combined pen and penholder desk set. 2,827,879, 3-25-58, Cl. 120-108.
- Rosa, Anthony G. Telephone service devices. 2,853,054, 9-23-58, Cl. 120-108.
- Rosa, Josef, and V. Petr. Counter-current recirculating device for the exchange of heat between a gas and a finely granulated material. 2,819,890, 1-14-58, Cl. 263-21.
- Rosamilia, Peter L.: *See*—
Harvey, Mortimer T., and Rosamilia. 2,819,244.
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- Rosamilia, Peter L., to Harvel Research Corp. Maleic acid and furfural ketone reaction products. 2,853,469, 9-23-58, Cl. 260-63.
- Rosamilia, Peter L., to Harvel Research Corp. Maleic and furfural ketone reaction products. 2,853,470, 9-23-58, Cl. 260-63.
- Rosamilia, Peter L., and M. T. Harvey, to Harvel Research Corp. Composition comprising furfural-ketone-amine reaction products and an epoxy resin. 2,839,487, 6-17-58, Cl. 260-42.
- Rosan, Joseph. Self-tapping fastener. 2,823,574, 2-18-58, Cl. 85-47.
- Rosapepe, Frank P., to Grant Development Co. Fare collection box with water separator. 2,865,561, 12-23-58, Cl. 232-7.
- Rosato, Nicola P. Jet propelled toy vehicle with delayed action means. 2,821,808, 2-4-58, Cl. 46-206.
- Rosato, Nicola P., and S. E. Siemen, to United States of America, Army. Trepanning apparatus. 2,863,341, 2,863,341, 12-9-58, Cl. 77-69.
- Rosback, F. P. Co.: *See*—
Miller, John W. 2,828,962.
- Rosback, Richard H., to Bendix Aviation Corp. Fluid pressure servo-motor. 2,857,887, 10-28-58, Cl. 121-46.5.
- Rosch, Arthur, to Licentia Patent-Verwaltungs-G. m. b. H. Safety device for rotary machine or engines with thrust bearings. 2,839,071, 6-17-58, Cl. 137-37.
- Rösch, Georg, H. Klappert, and W. Wolf, to Farbenfabriken Bayer Akt. Process for the production of 2-amino-5-iminopyrrolenines. 2,836,602, 5-27-58, Cl. 260-313.
- Roschen, John: *See*—
Schnable, George L., and Roschen. 2,842,841.
- Roschen, John, to Philco Corp. Semiconductive devices. 2,823,175, 2-11-58, Cl. 204-15.
- Roschke, Erwin M.: *See*—
Adler, Robert, and Roschke. 2,843,657.
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Druz, Walter S., and Roschke. 2,853,544.
Morris, George V., Roschke, Druz, and Miller. 2,843,656.
- Roschke, Erwin M., to Zenith Radio Corp. Subscription television system. 2,852,598, 9-16-58, Cl. 178-5.1.
- Roschke, Erwin M., to Zenith Radio Corp. Subscription television system. 2,862,048, 11-25-58, Cl. 178-5.1.
- Rose, Alfred G.: *See*—
Kay, James A., and Rose. 2,819,785.
- Rose, Boyd W., to Food Machinery and Chemical Corp. Apparatus for filling bags. 2,866,484, 12-30-58, Cl. 141-83.
- Rose Brothers (Gainsborough) Ltd.: *See*—
Kay, James A., and Rose. 2,819,785.

- Rose, Carl: *See*—
Benson, Charles J., Potter, Rose, and Schollenberger. 2,830,841.
- Rose, Carl, to G. Munday. Ventilator wall and window blocks. 2,842,042, 7-8-58, Cl. 98—121.
- Rose, Charles M. Dial indicators. 2,835,980, 5-27-58, Cl. 33—172.
- Rose, Desmond G., and P. H. Booth, to Orenda Engines Ltd. Heat wrench. 2,852,652, 9-16-58, Cl. 219—19.
- Rose, Downs & Thompson Ltd.: *See*—
Andrews, Thomas. 2,850,511.
- Rose, Eddie F. Top clearer roll construction. 2,858,576, 11-4-58, Cl. 19—140.
- Rose, Edward H.: *See*—
Poulin, Raymond J. 2,824,397.
- Windstrup, Robert F., Rose, and Miller. 2,865,152.
- Rose, Edward H. Multi-directional flashlight lens adapters. 2,838,750, 6-10-58, Cl. 340—321.
- Rose, Erwin K.: *See*—
Schanke, Donald G., and Rose. 2,841,426.
- Rose, Francis L.: *See*—
Birtwell, Stanley, and Rose. 2,830,006.
- Birtwell, Stanley, and Rose. 2,863,919.
- Rose, Harold J., and J. L. Ernst, to Esso Research and Engineering Co. Method for handling of effluent streams from polymerization process. 2,834,761, 5-13-58, Cl. 260—85.3.
- Rose, Hazel M.: *See*—
Rose, John A. and H. M., and Ross. 2,849,981.
- Rose, Herbert, and E. Spingies. Apparatus for the evaluation of records representing descriptive and numerical information. 2,831,633, 4-22-58, Cl. 235—61.6.
- Rose, Ira M.: *See*—
Shapiro, Seymour L., Freedman, and Rose. 2,835,668.
- Shapiro, Seymour L., Freedman, and Rose. 2,866,734.
- Rose, James D., to Hughes Aircraft Co. Constant force applying mechanism. 2,859,033, 11-4-58, Cl. 267—1.
- Rose, James P. Hair clip. 2,818,869, 1-7-58, Cl. 132—32.
- Rose, Jay. Device for holding hypodermic needles. 2,818,979, 1-7-58, Cl. 211—60.
- Rose, Jay. Holder and wiper for laboratory glass slides. 2,864,105, 12-16-58, Cl. 15—102.
- Rose, John A. and H. M., and C. Ross. Cultivation bed for artificially coloring live worms. 2,849,981, 9-2-58, Cl. 119—1.
- Rose, Kurt A. Dispensing cabinet. 2,829,938, 4-8-58, Cl. 312—116.
- Rose Ribbon & Carbon Mfg. Co., Inc.: *See*—
Rosenblum, Carl. 2,836,152.
- Rose, Richard A.: *See*—
Berry, William, Rose, and Bruce. 2,845,541.
- Rose, Robert G., to Bendix Aviation Corp. Ratiometer. 2,858,700, 11-4-58, Cl. 73—407.
- Rose, Robert N.: *See*—
Stumpp, George E. 2,827,203.
- Rose, Robert S., to Labtre Steel Co. Alloys and alloy articles. 2,854,331, 9-30-58, Cl. 75—128.
- Rose, Saul: *See*—
Larson, Clifford E. 2,819,627.
- Rose, Stanley E., to General Electric Co. Room air conditioner having vent control means. 2,848,678, 11-4-58, Cl. 62—267.
- Rose, Stanley E., to General Electric Co. Room cooler. 2,851,866, 9-16-58, Cl. 62—427.
- Rose, Thomas P. Dental bite block. 2,855,670, 10-14-58, Cl. 32—19.
- Rose, Walter E., to Container Supply and Research Co. Corner construction. 2,858,037, 10-28-58, Cl. 217—65.
- Rose, Werner P., and R. E. Kuhn. Brake device. 2,862,582, 12-2-58, Cl. 188—75.
- Ro-Search, Inc.: *See*—
Farmer, Fred, and Szerenyi. 2,830,324.
- Rollman, Heinz, Szerenyi, and Kaufman. 2,826,832.
- Rosebrook, Lois W.: *See*—
Ames, Robert. 2,862,382.
- Rosebrook, Roy, to True-Trace Corp. Tracer mechanism. 2,835,466, 5-20-58, Cl. 251—3.
- Rosebrook, Roy, to True-Trace Corp. Tracer mechanism. 2,836,387, 5-27-58, Cl. 251—3.
- Rosedale Knitting Co.: *See*—
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- Rösele, Franz: *See*—
Jacobi, Ernst, and Rösele. 2,849,852.
- Roselli, Louis W., to S & S Corrugated Paper Machinery Co., Inc. Taping machine. 2,864,285, 12-16-58, Cl. 93—1.
- Roselle, Ronald F. Flag football belt. 2,846,224, 8-5-58, Cl. 273—55.
- Roseman, Joseph C.: *See*—
Kleineberg, Paul E., and Roseman. 2,854,900.
- Roseman, Leo. Strip feeding means with compensator for strips of varying width. 2,840,374, 6-24-58, Cl. 271—55.
- Roseman, Oscar E.: *See*—
Feldman, Max B., and Roseman. 2,834,280.
- Rosen, Carl G. A.: *See*—
Dailey, Joseph J., and Rosen. 2,833,264.
- Rosen, Charles, and C. J. Weidknecht, to Tele-Dynamics Inc. Oscillator-modulator circuit. 2,866,162, 12-23-58, Cl. 332—23.
- Rosen, Charles A., K. A. Fish, and H. C. Rothenberg, to General Electric Co. Electromechanical transducer. 2,830,274, 4-8-58, Cl. 333—32.
- Rosen, Frank, to Westinghouse Electric Corp. Thermostatic switch. 2,851,559, 9-9-58, Cl. 200—137.
- Rosen, Frank, to General Motors Corp. Switch assembly. 2,853,582, 9-23-58, Cl. 200—137.
- Rosen, Frank, and D. M. Rosenberg, to Westinghouse Electric Corp. Thermostat apparatus. 2,824,193, 2-18-58, Cl. 200—138.
- Rosen, Jack M.: *See*—
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- Saltzman, Alvin R., and Rosen. 2,860,222.
- Rosen, Jacob. Automatic automobile parking and stacking device. 2,837,224, 6-3-58, Cl. 214—16.1.
- Rosén, Karl I. J., to S. Andersson. Method and machine for shrinking knitted fabrics. 2,849,781, 9-2-58, Cl. 26—18.6.
- Rosén, Karl I. J. Machine for shrinking knitted fabrics. 2,849,782, 9-2-58, Cl. 26—18.6.
- Rosen, Norman J., and E. A. Falstra, to Chicago Telephone of California, Inc. Pressure operated, motor driven recorder and punch therefor. 2,851,327, 9-9-58, Cl. 346—79.
- Rosen, Samuel: *See*—
Nord, Eric T., and Rosen. 2,824,623.
- Rosen, Shy: *See*—
Thompson, Walter S., and Rosen. 2,843,988.
- Rosen, Shy, to Milprint, Inc. Air conditioner attachment. 2,824,575, 2-25-58, Cl. 138—25.
- Rosenbaum, Harry S., to Eastern Products Corp. Venetian blind. 2,851,098, 9-9-58, Cl. 160—176.
- Rosenbaum, Harry S., to Eastern Products Corp. Drapery fixture apparatus. 2,861,632, 11-25-58, Cl. 160—345.
- Rosenbaum, Jacob. Automobile radio antenna. 2,859,441, 11-4-58, Cl. 343—712.
- Rosenbaum, Werner: *See*—
Dorn, Maxwell F., and Rosenbaum. 2,831,266.
- Rosenberg, Adolf. Stabilized fat-soluble vitamins and methods of making same. 2,828,206, 3-25-58, Cl. 99—2.
- Rosenberg, Adolf. Compositions of matter. 2,835,584, 5-20-58, Cl. 99—7.
- Rosenberg, Adolf. Fat-soluble vitamin composition. 2,855,308, 10-7-58, Cl. 99—2.
- Rosenberg, Albert L., Jr., to Radio Corp. of America. Transmission line termination. 2,839,730, 6-17-58, Cl. 333—22.
- Rosenberg, Arthur J. Film mount. 2,861,368, 11-25-58, Cl. 40—158.
- Rosenberg, Charles S.: *See*—
Irmischer, Paul H., and Rosenberg. 2,826,679.
- Rosenberg, David M.: *See*—
Rosen, Frank, and Rosenberg. 2,824,193.
- Rosenberg, David S.: *See*—
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- Rosenberg, Edgar N.: *See*—
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- Rosenberg, Elias. Filtering material for tobacco smoke. 2,834,354, 5-13-58, Cl. 131—208.
- Rosenberg, Harold W., J. L. Jeung, and H. L. Smith; said Jeung and Smith assors. of 36% to said Rosenberg. Audio system for drive-in theater. 2,851,537, 9-9-58, Cl. 179—82.
- Rosenberg, Jack, A. F. Brewer, and T. J. Scuitto, to General Dynamics Corp. Automation system. 2,833,941, 5-6-58, Cl. 307—149.
- Rosenberg, Jack, and N. L. Olson, to General Dynamics Corp. Rapid traverse system. 2,864,010, 12-9-58, Cl. 307—149.
- Rosenberg, Jack L. Self-braking fish hook mounting. 2,861,382, 11-25-58, Cl. 43—44.91.
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- Rosenberg, Joseph, to General Electric Co. Thermosensitive organic material. 2,846,559, 8-5-58, Cl. 219—46.
- Rosenberg, Joseph and M. A. Graff, to General Electric Co. Ethoxylated resin-hexachloroendomethylenetetrahydrophthalic anhydride compositions having long pot life. 2,840,540, 6-24-58, Cl. 260—47.
- Rosenberg, Joseph A.: *See*—
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- Rosenberg, Louis T.: *See*—
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- Rosenberg, Marvin D. Rack. 2,851,167, 9-9-58, Cl. 211—46.
- Rosenberg, Max, to Gaylord Products, Inc. Electric switch for linkages. 2,836,669, 5-27-58, Cl. 200—61.89.
- Rosenberg, Milton: *See*—
Stuart-Williams, Raymond, Rosenberg, and Alexander. 2,862,198.
- Rosenberg, Norman W.: *See*—
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- Rosenberg, Norman W., to Ionics, Inc. Process for electro-dialyzing liquids. 2,848,403, 8-19-58, Cl. 204—180.
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- Rosenberg, Norman W., to Ionics, Inc. Treatment of poly-hydric solutions. 2,860,091, 11-11-58, Cl. 204—138.
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- Rosenberg, Stanley: *See*—
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- Rosenberg, Stig E. Garter with toggle support. 2,843,906, 7-22-58, Cl. 24—201.
- Rosenberg, Theodore R. Apparatus for producing stereoscopic fluoroscopic images. 2,860,253, 11-11-58, Cl. 250—60.
- Rosenberger, Albert J., to Republic Flow Meters Co. Fluid mass flow measuring apparatus. 2,826,913, 3-18-58, Cl. 73—206.
- Rosenberger, Albert J., to Republic Flow Meters Co. Mounting for indicating instruments. 2,826,917, 3-18-58, Cl. 73—431.
- Rosenberger, Chester A., Jr., to Link-Belt Co. Conveyor system. 2,854,126, 9-30-58, Cl. 198—155.
- Rosenblad, Curt F., to Aktiebolaget Rosenblads Patent. Method of cooking sulphite pulp. 2,824,800, 2-25-58, Cl. 92—11.
- Rosenblad, Curt F., to Aktiebolaget Rosenblads Patent. Method for preparing digestion acid for digestion of sulphite pulp. 2,859,108, 11-4-58, Cl. 92—2.
- Rosenblatt, Alexander, and J. F. Burfield, to Sylvania Electric Products Inc. Lamp sealing method. 2,837,880, 6-10-58, Cl. 53—7.
- Rosenblatt, Alexander, and D. H. Pfefferle, to Sylvania Electric Products Inc. Apparatus for feeding filamentary particles. 2,862,529, 12-2-58, Cl. 141—67.
- Rosenblatt, Murray : *See—*
- Peaslee, Lawrence R., Rosenblatt, and Kelling. 2,866,145.
- Rosenbloom, Harold, to Thompson and Co. Wash primer for metal surfaces. 2,839,438, 6-17-58, Cl. 148—6.15.
- Rosenbloom, Leon, to Blue Ridge Manufacturers, Inc. Sewing machine attachment. 2,850,997, 9-9-58, Cl. 112—252.
- Rosenblum, Carl, to Rose Ribbon & Carbon Mfg. Co., Inc. Means for correcting hectographic master sheets. 2,836,152, 5-27-58, Cl. 120—36.
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- Rosendahl, David H., to Oak Mfg. Co. Endless conveyor. 2,824,639, 2-25-58, Cl. 198—189.
- Rosendahl, Gunner J. J. : *See—*
- Jensen, Kaj L., and Rosendahl. 2,820,520.
- Jensen, Kaj L., and Rosendahl. 2,842,203.
- Rosene, Robert B. : *See—*
- Henderson, John K., Rosene, and Stout. 2,823,753.
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- Rosenfelder, William J., to H. Rosenstein. Iron choline compound and production thereof. 2,865,938, 12-23-58, Cl. 260—439.
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- Bodian, Marcus, and Rosenfield. 2,864,939.
- Rosengard, Milton H. : *See—*
- Grant, Richard W., and Rosengard. 2,863,689.
- Rosenkranz, George : *See—*
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- Djerassi, Carl, Stork, Sondheimer, and Rosenkranz. 2,863,862.
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- Rosenquist, Paul A., and R. E. Sandberg, to Deluxe Metal Furniture Co. Shelf and divider unit. 2,845,188, 7-29-58, Cl. 211—184.
- Rosenstein, Hyman : *See—*
- Rosenfelder, William J. 2,865,938.
- Rosenstein, Ludwig : *See—*
- Erskine, Archibald M., Gorin, Rosenstein, and Chesbro. 2,850,492.
- Rosenthal, Adolph H., to Fairchild Camera and Instrument Corp. Video-signal generator. 2,832,818, 4-29-58, Cl. 178—5.4.
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- Rosenthal, Arnold J. : *See—*
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- Bremer, Casey, and Rosenthal. 2,832,815.
- Rosenthal, Erich : *See—*
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- Rosenthal, Henry. Gas turbine cycle employing secondary fuel as a coolant, and utilizing the turbine exhaust gases in chemical reactions. 2,839,892, 6-24-58, Cl. 60—39.05.
- Rosenthal, Joseph F. : *See—*
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- Parkas, Adalbert, and Rosenthal. 2,833,807.
- Rosenthal, Samuel, deceased, by L. A. Rosenthal and C. R. Kramer, executors. Pressing machine. 2,845,205, 7-29-58, Cl. 223—73.
- Rosenthal, Sidney N. Stamp pads. 2,847,972, 8-19-58, Cl. 118—265.
- Rosenthal, William, to Maiden Form Brassiere Co., Inc. Brassiere. 2,854,984, 10-7-58, Cl. 128—467.
- Roser, Christian, to J. Haller. Precision lapping machine. 2,826,010, 3-11-58, Cl. 51—157.
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- Rosetz, Kurt. Loading machine. 2,851,143, 9-9-58, Cl. 198—9.
- Rosewall, Paul S., to Oxy-Dry Sprayer Corp. Apparatus for cleaning paper for printing. 2,818,595, 1-7-58, Cl. 15—306.
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- Favreau, Elie A., Jr., and Roshkind. 2,844,803.
- Rosholt, Gordon T. Twist drill-bit sharpening unit. 2,848,852, 8-26-58, Cl. 51—219.
- Rosi, Fred D., to Radio Corp. of America. Method of doping semi-conductive materials. 2,841,559, 7-1-58, Cl. 252—62.3.
- Rosier, Gerardus : *See—*
- Volkers, Hendrik, and Rosier. 2,835,750.
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- Rosin, Morris. Variable optical projection device. 2,851,922, 9-16-58, Cl. 88—24.
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- MacKenzie, William F., and Roske. 2,843,923.
- Roske, Milton H., to United Shoe Machinery Corp. Hopper mechanisms for disk-type capacitors and the like. 2,855,113, 10-7-58, Cl. 214—6.
- Rosler, Wulff : *See—*
- Brandl, Karl, and Rosler. 2,848,204.
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- Roslund, John : *See—*
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- Rosner, George J., to The Griffith Laboratories, Inc. Manufacture of improved doughnut and the resulting product. 2,846,311, 8-5-58, Cl. 99—92.
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- Ross, Arthur : *See—*
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- O'Kane, James C., and Ross. 2,827,328.
- Ross, Arthur. To General Motors Corp. Windshield header vent. 2,839,985, 6-24-58, Cl. 98—2.
- Ross, Aubrey C. Vehicle speed indicating device. 2,824,298, 2-18-58, Cl. 340—264.
- Ross, Aylmer O., to J. K. Lytle. Mold cavities and force plugs. 2,846,377, 8-5-58, Cl. 204—6.
- Ross, Bernard A. Vibration damper. 2,823,882, 2-18-58, Cl. 248—21.
- Ross, Bernd, to Hoffmann Electronics Corp. Light sensitive device and method of making the same. 2,862,160, 11-25-58, Cl. 317—235.
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- Ross, Charles: *See*—
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- Ross, Chester W.: *See*—
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- Ross, David: *See*—
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- Ross, Elmer R., to Kelsey-Hayes Co. Electric controller. 2,829,225, 4-1-58, Cl. 201-62.
- Ross, Elmer R., to Kelsey-Hayes Co. Internal expanding brake. 2,842,229, 7-8-58, Cl. 188-79.5.
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- Ross, Frank, and C. Mellick, to Dearborn Chemical Co. Corrosion inhibitors and method. 2,824,782, 2-25-58, Cl. 21-2.5.
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- Ross, Frederick A. Implements for graphically setting up and solving spherical problems. 2,851,778, 9-16-58, Cl. 33-1.
- Ross Gear and Tool Co., Inc.: *See*—
 Newman, Percy A. 2,847,868.
- Ross, George M., to Miller Hydro Co. Automatic case cleaner machines. 2,832,090, 4-29-58, Cl. 15-304.
- Ross, Harold M. Protective mouthpiece. 2,833,278, 5-6-58, Cl. 128-136.
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- Ross, Henry G.: *See*—
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- Ross, Henry M. Engine work stand and method of using the same. 2,825,477, 3-4-58, Cl. 214-152.
- Ross, Herbert J., to Imperial Chemical Industries Ltd. Textile treating apparatus with solvent recovery means. 2,831,332, 4-22-58, Cl. 68-9.
- Ross, Herbert V.: *See*—
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- Ross, Hugh N., to American Instrument Co., Inc. Temperature and humidity control system. 2,837,286, 6-3-58, Cl. 236-44.
- Ross, Ian M., to Bell Telephone Laboratories, Inc. Semi-conductive pulse translator. 2,856,544, 10-14-58, Cl. 307-88.5.
- Ross, Ian M., to Bell Telephone Laboratories, Inc. Semiconductor circuit controlling devices. 2,862,115, 11-25-58, Cl. 307-88.5.
- Ross, James A., to Ling Electronics, Inc. Vibrator servo amplifiers. 2,844,777, 7-22-58, Cl. 318-128.
- Ross, James F.: *See*—
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- Ross, Jewel G. Power brake control. 2,860,746, 11-18-58, Cl. 192-3.
- Ross, John A. Garage indicator to avoid automobile overshooting. 2,854,942, 10-7-58, Cl. 116-28.
- Ross, John F., to General Electric Co. Method of preparing halophosphate phosphors. 2,862,888, 12-2-58, Cl. 252-301.4.
- Ross, John L. F., to The Ajax Mfg. Co. Pivotaly mounted laterally spaced fluid pressure means for twisting crankshafts. 2,859,793, 11-11-58, Cl. 153-78.
- Ross, Karl G., to Aktiebolaget Bahco. Safety means for a gaseous fuel burning stove. 2,825,325, 3-4-58, Cl. 126-44.
- Ross, Karl G., B. Johansson, S. S. Axelsson, and S. Andersson, to Aktiebolaget Bahco. Portable gaseous fuel burning stove. 2,861,562, 11-25-58, Cl. 126-28.
- Ross, Lee J., to Crown Zellerbach Corp. Carrying tray. 2,828,059, 3-25-58, Cl. 229-34.
- Ross, Louis, to Borg-Warner Corp. Lever design for spring-loaded clutch. 2,818,952, 1-7-58, Cl. 192-99.
- Ross, Maurice: *See*—
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- Ross, Milton E.: *See*—
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- Ross Operating Valve Co.: *See*—
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- Ross, Paul, to Gebrüder Hapich-Gesellschaft mit beschränkter Haftung. Rear view mirror mounting means. 2,856,815, 10-21-58, Cl. 88-98.
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- Ross, Robert D.: *See*—
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- Ross, Samuel L.: *See*—
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- Ross, Scott E., to American Compress & Warehouse Co., Inc. Bale-handling attachment for industrial trucks and the like. 2,837,231, 6-3-58, Cl. 214-620.
- Ross, Sidney D., to Sprague Electric Co. Electrolytes. 2,830,237, 4-8-58, Cl. 317-230.
- Ross, Sidney D., to Sprague Electric Co. Electrolytic capacitor. 2,866,139, 12-23-58, Cl. 317-230.
- Ross, Sidney D., and M. Schwarz, to Sprague Electric Co. Polymers of o-p-toluy-benzoic acids. 2,839,505, 6-17-58, Cl. 260-63.
- Ross, Sigmund L. Apparatus and method for producing foundations. 2,858,676, 11-4-58, Cl. 61-36.
- Ross, Theo.: *See*—
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- Ross, Theodore L., to Monsanto Chemical Co. Electrolytic alkali halogen cell. 2,865,834, 12-23-58, Cl. 204-266.
- Ross, Thomas M., to Socony Mobil Oil Co., Inc. Wax slabbing machine. 2,827,664, 3-25-58, Cl. 18-26.
- Ross, Will, Inc.: *See*—
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- Ross, William. Screening apparatus. 2,826,300, 3-11-58, Cl. 209-106.
- Ross, William. Feeding and controlling the flow of granular materials. 2,837,194, 6-3-58, Cl. 193-32.
- Ross, William A.: *See*—
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- Ross, William D., to E. I. du Pont de Nemours and Co. Production of pigments. 2,865,622, 12-23-58, Cl. 263-33.
- Ross, William M. Anti-drip dispensing valve and nozzle. 2,839,226, 6-17-58, Cl. 222-446.
- Ross, William M., to Westinghouse Electric Corp. Two-way anti-drip distributing valve. 2,847,028, 8-12-58, Cl. 137-609.
- Rossborough Supply Co.: *See*—
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- Rossborough, Walter N., to Rossborough Supply Co. Briquetted rinning agents and method of making same. 2,854,328, 9-30-58, Cl. 75-53.
- Rossborough, Walter N., to Rossborough Supply Co. Rimming agents and method of producing rimmed steel. 2,854,329, 9-30-58, Cl. 75-53.
- Rousseau, Leon B., to Ajax Electric Co. Laminated electrode. 2,826,623, 3-11-58, Cl. 13-23.
- Rossebo, Thomas T.: *See*—
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- Rossetet, Jean P., to The Upjohn Co. 6-methyl, $\Delta 1,4,3$ keto androstene derivatives. 2,842,566, 7-8-58, Cl. 260-397.3.
- Rossell, William T., to Transit Research Corp. Journal bearing assembly. 2,836,130, 5-27-58, Cl. 105-224.
- Rossell, William T., to Transit Research Corp. Light-weight rail truck. 2,861,522, 11-25-58, Cl. 105-171.
- Rosselle, Charles C. Local vent for toilet. 2,818,582, 1-7-58, Cl. 4-213.
- Rosselle, Robert W. Trailers. 2,851,152, 9-16-58, Cl. 214-505.
- Rosser, Charles M., to American Viscose Corp. Sealing polyethylene to other organic resins. 2,828,237, 3-25-58, Cl. 154-139.
- Rosset, Adolph, and C. A. Stopper, to Hancock Mfg. Inc. Holder for coillable material. 2,824,706, 2-25-58, Cl. 242-118.7.
- Rossetto, Louis, to Mergenthaler Linotype Co. Typographical composing and casting machine. 2,864,490, 12-16-58, Cl. 199-51.
- Rossetto, Louis, G. F. Squassoni, E. F. Coleman, and W. S. Gorrell, to Mergenthaler Linotype Co. Photocomposing machine. 2,847,919, 8-19-58, Cl. 95-4.5.
- Rosshelm, David B., and V. K. Tock, to The M. W. Kellogg Co. Lined reactor vessel. 2,833,631, 5-6-58, Cl. 23-288.
- Rossi, Bruno, H. S. Sack, R. T. Beyer, and G. H. Miller, to United States of America, Navy. Magnetic amplifier. 2,831,929, 4-22-58, Cl. 179-171.
- Rossi, Bruno, H. S. Sack, A. C. Beer, and H. W. Boehmer, to United States of America, Navy. Signal attenuating circuit. 2,861,186, 11-18-58, Cl. 250-27.
- Rossi, Carlo: *See*—
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- Rossi, Giovanni. Heat exchanger. 2,839,276, 6-17-58, Cl. 257-222.
- Rossi, Irving, to Continuous Metalcast Co., Inc. Apparatus for the continuous casting of metals. 2,818,616, 1-7-58, Cl. 22-57.2.
- Rossi, Joseph V., to Comfort Lines, Inc. Folding high chair. 2,852,068, 9-16-58, Cl. 155-127.
- Rossi, Lawrence T.: *See*—
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- Rossi, Mario: *See*—
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- Rossi, Mario, to Parfour, Inc. Thermal container for bottles and other containers. 2,837,232, 6-3-58, Cl. 215-13.
- Rossi, Mario, to S. p. A. Officine Maccaferri già Raffaele Maccaferri & Figli. Machine for making hydraulic works basket for river, mountain and sea defenses. 2,841,188, 7-1-58, Cl. 140-24.
- Rossi, Silvano: *See*—
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- Rossin, Elmer H., to Monsanto Chemical Co. Treatment of textile fibers. 2,859,135, 11-4-58, Cl. 117-139.5.
- Rossiter, Paul H., to The Aetna-Standard Engineering Co. Molding press. 2,821,747, 2-4-58, Cl. 18-16.
- Rössler, Hugo: *See*—
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- Rossman, Allen M. Adjustable pitch propeller. 2,851,114, 9-9-58, Cl. 170-160.43.
- Rossoni, Mario: *See*—
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- Rosstentscher, Friedrich, to Farbwerke Hoechst Akt. vormals Meister Lucius & Bruning. Aqueous solution for and process for producing surface layers on iron and steel articles. 2,832,707, 4-29-58, Cl. 148-6.15.

- Roth, Ernest, to McGraw-Edison Co. Pressure release valve for battery cells. 2,845,090, 7-29-58, Cl. 137—525.3.
- Rostoker, William: *See—*
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- Rostron, George S.: *See—*
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- Rostron, Douglas W., to Dominion Magnesium Ltd. Method of thermally reducing titanium oxide. 2,834,667, 5-13-58, Cl. 75—0.5.
- Roswell, Earle R.: *See—*
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- Rösler, Heinrich G. F., and A. Friedrich, to Daimler-Benz Akt. Motor vehicle having front, rear and side power take-offs. 2,853,142, 9-23-58, Cl. 180—53.
- Rotary Hoes Ltd.: *See—*
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- Rotary Oil Tool Co.: *See—*
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- Rotceig, Charles. Tooth brushes. 2,864,111, 12-16-58, Cl. 15—168.
- Roten, Geter J. Tire pressure indicating system. 2,822,530, 2-4-58, Cl. 340—58.
- Rotex Co.: *See—*
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- Rotex Mfg. Co.: *See—*
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- Roth, Aaron. Attachment for spectacles. 2,842,029, 7-8-58, Cl. 88—41.
- Roth, Adolf. Piston for multiple piston engines. 2,860,609, 11-18-58, Cl. 121—120.
- Roth, Adolph, to Bendix Aviation Corp. Implement retaining device. 2,855,107, 10-7-58, Cl. 211—60.
- Roth, Andre: *See—*
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- Reynaud, Francis, Gravey, and Roth. 2,829,966.
- Reynaud, Francis, Gravey, and Roth. 2,860,047.
- Roth, Arthur C. deceased (by L. E. Roth, administratrix), J. W. Merriott, and E. Applegate. Wipers for windshields severely curved in part. 2,820,238, 1-21-58, Cl. 15—255.
- Roth, Barney. Safety guard for lamp tubes. 2,848,600, 8-19-58, Cl. 240—51.11.
- Roth, Charles P.: *See—*
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- Roth, Charles P., to General Motors Corp. Windshield wiper transmission. 2,834,979, 5-20-58, Cl. 15—253.
- Roth, Charles P., to General Motors Corp. Windshield wiper transmission assembly. 2,866,220, 12-30-58, Cl. 15—253.
- Roth, David C. Apparatus for preventing theft of a vehicle. 2,820,149, 1-14-58, Cl. 307—10.
- Roth, Grant V. W., and L. V. Walsh. Aircraft lighting and signaling structure. 2,843,728, 7-15-58, Cl. 240—7.7.
- Roth, Grant V. W., and L. V. Walsh. Signal light for marine aviation and vehicular use. 2,843,834, 7-15-58, Cl. 340—25.
- Roth, Harold H.: *See—*
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- Bauman, William C., Roth, and Smith. 2,821,522.
- Danziger, William, and Roth. 2,853,585.
- Roth, Harold H., to Mine Safety Appliances Co. Determination of hydrogen cyanide and hydrogen sulphide in air. 2,864,747, 12-16-58, Cl. 204—1.
- Roth, Herman P., to Mine Safety Appliances Co. Noise attenuating device. 2,858,544, 11-4-58, Cl. 2—209.
- Roth, Jay M., to Mechanisms Co. Fluid pressure transducer for converting rotary force to fluid pressure, or vice-versa. 2,830,543, 4-15-58, Cl. 103—135.
- Roth, Jay M., to Mechanisms Co. Fluid pressure transducer with end clearance control. 2,856,860, 10-21-58, Cl. 103—135.
- Roth, Julius, to E. H. Krohn and G. Hite, d. b. a. Krohn-Hite Instrument Co. Adaptor for interconnecting electrical elements while providing exposed contacts. 2,864,068, 12-9-58, Cl. 339—64.
- Roth, Laura E.: *See—*
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- Roth, Leo. Storm shade. 2,847,064, 8-12-58, Cl. 160—267.
- Roth, Leo. Weather-protective covering. 2,856,995, 10-21-58, Cl. 160—44.
- Roth, Philip B.: *See—*
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- Roth, Philip B., to American Cyanamid Co. After-treatment of textile fabric having cured formaldehyde liberating resins and article formed thereby. 2,833,670, 5-6-58, Cl. 117—62.
- Roth, Richard: *See—*
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- Roth, Robert G., and W. F. Yates, to Monsanto Chemical Co. Inhibition of polymerization of vinyl chloride by diaryl carbonates. 2,846,481, 8-5-58, Cl. 260—652.5.
- Roth, Robert G., and W. F. Yates, to Monsanto Chemical Co. Inhibition of polymerization of vinyl chloride. 2,846,482, 8-5-58, Cl. 260—652.5.
- Roth, Robert I.: *See—*
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- Roth, Robert I., to International Business Machines Corp. Record perforation analyzing mechanism. 2,822,980, 2-11-58, Cl. 235—61.11.
- Roth, Robert S.: *See—*
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- Roth, Roy W., A. M. Swift, and D. H. Rakowitz, to American Cyanamid Co. Soil stabilization. 2,856,380, 10-14-58, Cl. 260—41.
- Roth, Szymon: *See—*
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- Roth, Walter, to General Electric Co. Flash lamp. 2,858,686, 11-4-58, Cl. 67—31.
- Roth, Walter, to General Electric Co. Photoflash light source. 2,861,445, 11-25-58, Cl. 67—87.
- Roth, Walter L., and A. A. Bogdon, to Bendix Aviation Corp. Electron discharge tube shield and mounting. 2,810,629, 6-24-58, Cl. 171—35.
- Roth, Wilfred: *See—*
Rich, Stanley R., and Roth. 2,837,913.
- Roth, Wilfred, to Bendix Aviation Corp. Method of making electrical coils for high temperature use. 2,818,791, 8-26-58, Cl. 29—155.57.
- Roth, Wilfred. Gyroscopic mass flowmeter. 2,865,201, 12-23-58, Cl. 73—194.
- Roth, Wilfred, and S. R. Rich, to Bendix Aviation Corp. Method and apparatus for measuring viscosity, etc., of fluid-like materials. 2,839,915, 6-24-58, Cl. 73—59.
- Roth, William F., to The Pfaunder Co. Combined valve and measuring chamber. 2,820,579, 1-21-58, Cl. 222—440.
- Rothacker, Francis N., to Modern Plastic Machinery Corp. Method and apparatus for the treatment of plastic materials. 2,864,755, 12-16-58, Cl. 204—165.
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- Rothauer, Robert M. Article of merchandise including rolled sheet material. 2,866,540, 12-30-58, Cl. 206—47.
- Rothbarth, Leo J. Cuffed sleeve construction and method of making the same. 2,832,960, 5-6-58, Cl. 2—123.
- Rothe, Hugo F. Ball projecting mechanism. 2,827,034, 3-18-58, Cl. 124—1.
- Rothe, Richard E.: *See—*
Bletzinger, John C. Day, and Rothe. 2,843,125.
- Rothmund, Max, to Maschinenfabrik Augsburg-Nürnberg A. G. Starting of gas turbine plants. 2,839,893, 6-24-58, Cl. 60—39.14.
- Rothen, Edward M., to Russell & Stoll Co., Inc. Lamp mounting fixture. 2,846,571, 8-5-58, Cl. 240—90.
- Rorhenanger, Charles R., Sr., to American Cyanamid Co. Manufacture of dry rosin size. 2,855,391, 10-7-58, Cl. 260—105.
- Rothenberg, Herbert C.: *See—*
Rosen, Charles A., Fish, and Rothenberg. 2,830,274.
- Rothenberg, Ellis F. Irrigation ditch gate valve. 2,835,469, 5-20-58, Cl. 251—147.
- Rother, George H., and J. E. Slawek, to Philco Corp. Frequency control system. 2,848,615, 8-19-58, Cl. 250—36.
- Rother, Marie V.: *See—*
Thompson, Herman M. 2,826,242.
- Rotherm Engineering Co., Inc.: *See—*
Kuhn, Henry S. 2,845,283.
- Rothermel, Edward M., and R. B. Waddell, Jr., to The Dayton Rubber Co. Method of making flexible conduit. 2,822,857, 2-11-58, Cl. 154—8.
- Rothermel, George A.: *See—*
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- Rothhaar, Perry S. Feed grinding and mixing machine. 2,833,485, 5-6-58, Cl. 241—101.
- Rothhaeusler, August, to Erste Kumbacher Actien-Exportbierbrauerei. Apparatus for pneumatically drawing off green malt batch or agglomeration from germinating boxes. 2,860,927, 11-18-58, Cl. 302—50.
- Rothhaupt, Karl, to Rowe Mfg. Co., Inc. Merchandising machine cabinet. 2,843,438, 7-15-58, Cl. 312—222.
- Rothkrans, Leonardus J.: *See—*
Over, Klaas, and Rothkrans. 2,826,612.
- Rothlauf, Erwin: *See—*
Kaess, Franz, and Rothlauf. 2,845,424.
- Rothlisberger, Alvin C.: *See—*
Short, James N., Uraneck, and Rothlisberger. 2,834,747.
- Short, James N., Rothlisberger, and Pollett. 2,863,488.
- Rothman, Edward S., and M. E. Wall, to United States of America, Agriculture. Process for the preparation of 11a-hydroxy diosgenin and 11a-hydroxy yamogenin. 2,851,456, 9-9-58, Cl. 260—239.55.
- Rorhoff, Arnold H., to Dixie Type and Supply Co. Rotary numbering attachment for offset printing press. 2,839,991, 6-24-58, Cl. 101—77.
- Rothrock, Robert W. Adhesive denture and retaining film. 2,830,370, 4-15-58, Cl. 32—2.
- Rothschild, David: *See—*
Fazis, Hermann. 2,861,439.
- Rothschild, Edgar. Method and means for coating wires. 2,823,180, 2-11-58, Cl. 204—207.
- Rothschild, Henry H., to Universal Produces Corp. Carrier for dishware and like articles. 2,835,546, 5-20-58, Cl. 312—117.
- Rothstein, Karl: *See—*
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- Rothstein, Karl, to Firma J. A. Henckels Zwillingwerk A. G. Shears. 2,828,541, 4-1-58, Cl. 30—266.
- Rothstein, Milton, and M. Kaplan, to Radio Receptor Co., Inc. Heat sealing apparatus. 2,822,454, 2-4-58, Cl. 219—10.53.
- Rothweiler, Richard C., to Milwaukee Electric Tool Corp. Torque adjustment for power driven tools. 2,854,831, 10-7-58, Cl. 64—29.
- Rotkin, Israel, and S. S. Podnos, to United States of America, Army. Detonator. 2,853,012, 9-23-58, Cl. 102—70.2.
- Roto Bag Machine Corp.: *See—*
D'Angelo, Joseph, and Di Nunzio. 2,850,093.
- Di Nunzio, Joseph, and Gans. 2,855,831.

- Rotol Ltd.: *See*—
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- Rotomatic, Inc.: *See*—
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- Rotor Tool Co., The: *See*—
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- Roto-Table Co.: *See*—
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- Rottig, Walter, to Ruhrchemie Aktiengesellschaft, and Lurgi Gesellschaft fuer waermetechnik m. b. H. Catalytic hydrogenation of carbon monoxide with addition of ammonia or methylamine. 2,821,537, 1-28-58, Cl. 260-449.6.
- Rottig, Walter, to Ruhrchemie Akt. Production of aliphatic ethers. 2,837,572, 6-3-58, Cl. 260-614.
- Rottig, Walter, to Ruhrchemie Akt. Production of esters from carbon monoxide, hydrogen and olefin. 2,844,612, 7-22-58, Cl. 260-410.9.
- Rottweiler Kunstseidefabrik Aktiengesellschaft: *See*—
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- Rotzler, Paul M., to Bituminous Coal Research, Inc. Powdered coal burner for pressurized combustors. 2,858,779, 11-4-58, Cl. 110-22.
- Rouan, Francis J., to Pitney-Bowes, Inc. Postage printing die protection. 2,829,591, 4-8-58, Cl. 101-91.
- Roubal, Alexander J., to Allis-Chalmers Mfg. Co. Car shaker. 2,840,251, 6-24-58, Cl. 214-83.3.
- Roubik, Joseph R.: *See*—
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- Roudabush, Ned W. Bricks. 2,861,793, 11-25-58, Cl. 266-43.
- Roudebush, Brooks, to Fun-Craft, Inc. Aquaplane. 2,841,805, 7-8-58, Cl. 9-21.
- Roudebush, Samuel I., to The General Tire and Rubber Co. Tubeless truck tire. 2,857,951, 10-28-58, Cl. 152-363.
- Roujeb, Leopold, to Societe Belge Prat Daniel. Automatic valve for the removal of powdered material. 2,822,935, 2-11-58, Cl. 214-17.
- Roulet, Jean L., to North American Philips Co., Inc. Sound reproducing device. 2,824,617, 2-25-58, Cl. 181-31.
- Roulston, Kenneth I., and C. F. Pizzev, to Elliott Brothers (London) Ltd. Wein bridge oscillator. 2,820,903, 1-21-58, Cl. 250-36.
- Roumeliotis, Panagiotis. Latch assembly for releasably connecting a cover to a receptacle. 2,866,574, 12-30-58, Cl. 220-55.
- Round, Henry J., and K. G. Hinton, deceased (by F. H. Hinton, administrator), to The International Nickel Co. Inc. Magnetostrictive element. 2,829,047, 4-1-58, Cl. 75-170.
- Rounds, Fred G., and R. E. Schwind, to General Motors Corp. Addition of flame moderators to combustion chambers. 2,862,481, 12-2-58, Cl. 123-1.
- Rounsefell, Howard P., to Raytheon Mfg. Co. Antenna supporting structure and method of assembly. 2,827,629, 3-18-58, Cl. 343-878.
- Roup, Rolland R., and J. S. Kilby, to Globe-Union Inc. Electrical circuit elements. 2,841,508, 7-1-58, Cl. 117-200.
- Rous, Arthur, to Federal Carton Corp., Inc. Two piece carton with neck. 2,837,264, 6-3-58, Cl. 229-43.
- Rouse, Benjamin H., deceased; R. M. Rouse, administratrix, 1/2 to O. G. Rouse. Flapper mill for grinding suspensions of vermiculite. 2,844,328, 7-22-58, Cl. 241-46.
- Rouse, John W., to American Can Co. Container feeding devices. 2,838,160, 6-10-58, Cl. 198-31.
- Rouse, O. G.: *See*—
 Rouse, Benjamin H. 2,844,328.
- Rouse, Ruth M.: *See*—
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- Roush, George E., to Radio Corp. of America. Automatic phasing for synchronous radio telegraph systems. 2,846,502, 8-5-58, Cl. 178-50.
- Roush, Guy F., to Bendix Aviation Corp. Gyro erection system. 2,841,017, 7-1-58, Cl. 74-5.7.
- Roush, James L., to United States of America, Atomic Energy Commission. Calutron structure. 2,853,616, 9-23-58, Cl. 250-41.9.
- Roush, Milton S., to Thompson Products, Inc. Method of making a blade. 2,819,515, 1-14-58, Cl. 29-156.8.
- Rousse, Robert, to Materiel Industriel S. A., and Constructions Mecaniques S. A. Railroad track gauging apparatus. 2,832,148, 4-29-58, Cl. 33-144.
- Roussel, Louis J., to Universal Drilling Co., Inc. Removable pontoon mounting. 2,838,915, 6-17-58, Cl. 61-46.5.
- Roussel, Louis J., to Universal Drilling Co., Inc. Slip construction. 2,839,164, 6-17-58, Cl. 188-67.
- Roussel, Paul A. H.: *See*—
 Berger, Francois C. E. M., and Roussel. 2,860,324.
- Roussel, Philip A., to E. I. du Pont de Nemours and Co. Process for making plastic polyurethane foam employing water soluble tertiary amine-tertiary amine salt mixtures as catalysts. 2,842,506, 7-8-58, Cl. 260-2.5.
- Roussos, Mary. Method of plaiting and apparatus for the practice of such method. 2,840,283, 6-24-58, Cl. 223-30.
- Routh, Marion L. Livestock feeder or waterer. 2,839,028, 6-17-58, Cl. 119-52.
- Routien, John B.: *See*—
 Davison, Jacob W., Kita, and Routien. 2,848,370.
 Shull, Gilbert M., and Routien. 2,866,737.
- Routledge, James H., 40% to G. C. Powell. Venting device. 2,840,105, 6-24-58, Cl. 137-493.
- Roux, Henry J., to Armstrong Cork Co. Waterproof fiberboard. 2,825,660, 3-4-58, Cl. 117-135.5.
- Rouyer, Louis: *See*—
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 Vandamme, Louis, and Rouyer. 2,823,514.
- Rover Co. Ltd., The: *See*—
 King, Charles S. 2,836,448.
- Rovich, Dauss D. Building spacer. 2,859,486, 11-11-58, Cl. 20-5.
- Rovis, Max. Marble cutting and finishing machine. 2,838,041, 6-10-58, Cl. 125-13.
- Rovtar, Victor, to Clevite Corp. Journal bearing for a railroad car. 2,855,248, 10-7-58, Cl. 308-83.
- Rowan, Hartley D., and E. C. De George, to General Electric Co. Lamp filament mounting apparatus. 2,849,032, 8-26-58, Cl. 140-71.6.
- Rowand, Will H.: *See*—
 Coulter, Earl E., Rowand, and Sprague. 2,840,182.
- Rowand, Will H., to The Babcock & Wilcox Co. Power generating and superheating method, and apparatus therefor. 2,840,054, 6-24-58, Cl. 122-479.
- Rowand, Will H., to The Babcock & Wilcox Co. Method of operating a supercritical pressure vapor generator. 2,858,808, 11-4-58, Cl. 122-379.
- Rowe, Carl B.: *See*—
 Bartels, Fred L., Niemann, and Rowe. 2,829,733.
- Rowe, Daniel G., Jr. Curing tube. 2,822,576, 2-11-58, Cl. 18-18.
- Rowe, David S.: *See*—
 Squire, John R., and Rowe. 2,840,069.
- Rowe, Ernest D. Vibrating device. 2,839,278, 6-17-58, Cl. 259-72.
- Rowe, Frederick G.: *See*—
 Botty, Martin C., and Rowe. 2,843,751.
- Rowe, Howard B., to Nashua Corp. Tape dispensing apparatus having a replaceable gummed tape holder. 2,851,004, 9-9-58, Cl. 118-40.
- Rowe Mfg. Co., Inc.: *See*—
 Ericson, Arthur R. 2,825,487.
 Gabrielsen, Christian. 2,825,346.
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- Rowe, Mark R.: *See*—
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- Rowe, Mark R., and H. C. Zeisloft, to General Motors Corp. Temperature modified speed switch mechanism. 2,824,426, 2-25-58, Cl. 60-97.
- Rowe, Marvin H., to E. I. du Pont de Nemours and Co. Open-width fabric piling apparatus. 2,825,556, 3-4-58, Cl. 270-73.
- Rowe, Raymond N., to General Electric Co. Bimetallic strip thermally responsive device. 2,863,023, 12-2-58, Cl. 200-116.
- Rowe, Raymond N., and L. M. Harton, to General Electric Co. Bus bar distribution system. 2,862,117, 11-25-58, Cl. 307-147.
- Rowe, Walter C., and J. I. Stearns, to The Firestone Tire & Rubber Co. Fabric rubber member and means for improving fabric-rubber adhesion. 2,822,311, 2-4-58, Cl. 154-139.
- Rowe, William, to Bonafide Mills, Inc. Tile shipping package. 2,846,064, 8-5-58, Cl. 206-65.
- Rowell, Alexander H. Pipe reamer. 2,858,833, 11-4-58, Cl. 131-246.
- Rowell, Claude F., J. S. De Puy, and R. Bailey. Oleaginous composition and method of using same. 2,840,479, 6-24-58, Cl. 106-38.24.
- Rowell, Lorne A., to Imperial Tobacco Co. of Canada Ltd. Tobacco cleaner and classifier. 2,825,457, 3-4-58, Cl. 209-139.
- Rowell, Lorne A., to Imperial Tobacco Co. of Canada Ltd. Method for conditioning tobacco. 2,864,381, 12-16-58, Cl. 131-140.
- Rowen, Donald K.: *See*—
 Clenny, James T. II, and Rowen. 2,858,125.
- Rowen, Harold E., to McDowell Co., Inc. Wind box sealing construction for sintering machines. 2,825,550, 3-4-58, Cl. 266-21.
- Rowen, Harold E., to McDowell Co., Inc. Wind box seal for sintering machines. 2,852,244, 9-16-58, Cl. 266-21.
- Rowen, John H.: *See*—
 Grisdale, Richard O., and Rowen. 2,834,943.
- Rowenta Metallwarenfabrik, G. m. b. H.: *See*—
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- Rowland, Clare B., to General Motors Corp. Paper folding machines. 2,855,830, 10-14-58, Cl. 93-1.
- Rowland, George P., Jr., and R. A. Piloni, to The Firestone Tire & Rubber Co. Vinyl resins for application as solvent solutions. 2,849,422, 8-26-58, Cl. 260-78.5.
- Rowland, George P., Jr., and R. A. Piloni, to The Firestone Tire & Rubber Co. Vinyl resins for application as solvent solutions. 2,849,423, 8-26-58, Cl. 260-78.5.
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- Rowland, Howard J., to The Gabriel Co. Wave radiator. 2,825,061, 2-25-58, Cl. 343-770.

- Rowland, Stanley P., and R. F. Conyne, to Rohm & Haas Co. Epoxidized vegetable oils. 2,822,368, 2-4-58, Cl. 260-348.
- Rowland, Stanley P., and R. G. White, to Rohm & Haas Co. In situ epoxidation using acetic anhydride and a basic salt. 2,836,605, 5-27-58, Cl. 260-348.5.
- Rowland, William H., Jr., to Montgomery and Crawford Co., Inc. Laying cage trough and support therefor. 2,851,990, 9-16-58, Cl. 119-18.
- Rowland-Hill, Edward W.: See—
Kepkay, Leslie L., and Rowland-Hill. 2,848,858.
- Rowlands, Daniel C.: See—
Ellis, Warren C., Rowlands, and Uhl. 2,860,963.
- Rowlands, Tom, and H. J. Hubbard, to Molins Machine Co., Ltd. Sheet feeding devices of the reciprocating tooth type. 2,844,371, 7-22-58, Cl. 271-44.
- Rowlands, Tom, H. Osborn, and H. J. Hubbard, to Molins Machine Co., Ltd. Sheet feeding mechanism. 2,849,234, 8-26-58, Cl. 271-44.
- Rowley, Arthur. Barbecue. 2,849,948, 9-2-58, Cl. 99-421.
- Rowley, Arthur. Blower. 2,850,228, 9-2-58, Cl. 230-117.
- Rowley, Arthur C., to General Electric Co. Method of preparing wire insulated with a vinyl resin. 2,855,631, 10-14-58, Cl. 18-59.
- Rowley, Benjamin W., to Jancy Engineering Co. Cutting tool. 2,852,968, 9-23-58, Cl. 77-69.
- Rowley, Lothair H., to Sperry Rand Corp., Ford Instrument Co. Division. Continuous rotation potentiometer. 2,850,604, 9-2-58, Cl. 201-48.
- Rowley, Lothair H., and P. J. McKeown, to The Sperry Rand Corp. Ford Instrument Co. Division. Differential limit stop. 2,837,925, 6-10-58, Cl. 74-10.2.
- Rowley, Lothair H., and J. L. Hennessy, Jr., to Sperry Rand Corp. Magnetic amplifier circuit. 2,858,503, 10-28-58, Cl. 323-59.
- Rowley, Martin E.: See—
Mench, John W., and Rowley. 2,828,305.
- Rowley, Norman F. Paint brush. 2,822,561, 2-11-58, Cl. 15-160.
- Rowten, Dana W.: See—
Burns, Robert T., and Rowten. 2,849,574.
- Roxburgh, Albert, and A. Leigh, to The British Thomson-Houston Co. Ltd. Electric circuit breakers of the air- or gas-blast type. 2,833,896, 5-6-58, Cl. 200-148.
- Roxburgh, William B., to Pilkington Brothers Ltd. Furnaces. 2,834,306, 5-13-58, Cl. 110-99.
- Roy, Archibald C. Method of retaining plant roots in a dormant state. 2,852,889, 9-23-58, Cl. 47-58.
- Roy, Dwight B., Sr., and R. M. Roy, to Mastercraft Trailers, Inc. Boat trailer. 2,834,492, 5-13-58, Cl. 214-505.
- Roy, Earl A., to Royal McBee Corp. Apparatus for automatically opening and closing the eyes of a ribbon carrier for typewriters and like printing machines. 2,822,909, 2-11-58, Cl. 197-170.
- Roy, Gerard E. Means for converting a station wagon to sleeping accommodation. 2,835,903, 5-27-58, Cl. 5-118.
- Roy, Henri G. Artificial lumber products and their manufacture. 2,847,733, 8-19-58, Cl. 20-91.
- Roy, Irene. Dynamite charge holder. 2,813,809, 1-7-58, Cl. 102-22.
- Roy, James A. S., and D. E. Schwartz. Electric rotary multicontact device. 2,820,207, 1-14-58, Cl. 339-5.
- Roy, Jean: See—
Buzas, André, Dufour, Claude, and Roy. 2,827,465.
Buzas, André, Dufour, and Roy. 2,827,418.
- Roy, Joseph H. L.: See—
Dudley, John S., Langlois, and Roy. 2,862,249.
- Roy, Milton, Co.: See—
Bennett, Richard A. 2,844,103.
Saalfrank, Royal B. 2,832,296.
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- Roy, Richard M.: See—
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- Roy, Robert, Jr., $\frac{1}{2}$ to V. B. Roy, and $\frac{1}{2}$ to R. R. Lynch. Portable building construction. 2,827,138, 3-18-58, Cl. 139-4.
- Roy, Tuhin K.: See—
Kaufman, John K., and Roy. 2,838,391.
- Roy, Virginia B.: See—
Roy, Robert, Jr. 2,827,138.
- Roy, Walter L.: See—
Ashton, Stewart B., and Roy. 2,824,341.
- Roy, Walter L., to H. B. Neal, as trustee. Collapsible closures. 2,824,609, 2-25-58, Cl. 160-218.
- Roy, William A., to General Controls Co. Valve with adjustable opening. 2,820,604, 1-21-58, Cl. 251-129.
- Roy, Willie. Apparatus for washing hypodermic syringes and other medical equipment. 2,827,063, 3-18-58, Cl. 134-171.
- Royal Appliance Mfg. Co.: See—
Kasper, Elmer J. 2,821,733.
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- Royal Crest Yarns, Inc.: See—
Hirschman, Stephen D. 2,855,164.
- Royal, Douglas E. Can opener. 2,845,702, 8-5-58, Cl. 30-6.1.
- Royal, Howard. Tobacco stringer or clamp. 2,827,324, 3-18-58, Cl. 294-5.5.
- Royal Industries, Inc.: See—
Carlo, Ré, Rice, Birkeland, Koozin, Duncan, and Kinda. 2,844,073.
- Toader, Romulus. 2,842,491.
- Royal Jet, Inc.: See—
Baumann, Billy F. 2,829,793.
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- Royal McBee Corp.: See—
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Arthur, Ronald H., and Hebert. 2,853,565.
Braun, Richard, and Kern. 2,852,120.
Burke, William F., and Essex. 2,839,025.
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- Royal Metal Mfg. Co.: See—
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- Royal Sales Co.: See—
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- Royal Switchboard Co., Inc.: See—
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- Royal Trust Co., The: See—
Burford, Barbara M., and Cambron. 2,837,424.
- Royall, William L. Brush. 2,846,706, 8-12-58, Cl. 15-145.
- Royce, Mark B., to Continental Can Co., Inc. Shipping container for fruits, vegetables and other articles. 2,864,545, 12-16-58, Cl. 229-23.
- Royden, George T., to Mackay Radio and Telegraph Co. Half-duplex telegraph repeater. 2,829,200, 4-1-58, Cl. 178-70.
- Royden, George T., to Mackay Radio and Telegraph Co. Apparatus and method for making serial number tape. 2,850,095, 9-2-58, Cl. 164-115.
- Royer, Arthur G., to Harris-Intertype Corp. Plate cylinder and inking roller throwoffs. 2,853,943, 9-30-58, Cl. 101-247.
- Royer, Darrell E.: See—
Berninger, Kenneth L., Royer, and Wels. 2,839,070.
- Royer, Ella D.: See—
Royer, William R. 2,865,422.
- Royer, George H.: See—
Bright, Richard L., and Royer. 2,821,639.
- Royer, George H., and R. L. Bright, to Westinghouse Electric Corp. Electrical inverter circuits. 2,849,614, 8-26-58, Cl. 250-36.
- Royer, George H., and R. L. Bright, to Westinghouse Electric Corp. Power control circuitry. 2,858,456, 10-28-58, Cl. 307-88.5.
- Royer, Stanley H., to Union Carbide Corp. Arc welding apparatus. 2,833,912, 5-6-58, Cl. 219-130.
- Royer, William R., deceased, by E. D. Royer, administratrix. Vehicle tire anti-skid chain and applying means. 2,865,422, 12-23-58, Cl. 152-213.
- Roylin Inc.: See—
Lamphear, Walter E. 2,824,755.
- Roy, Henry E., and D. R. Andrews, to Radio Corp. of America. Magnetic recording transducer. 2,848,556, 8-19-58, Cl. 179-100.2.
- Royston, Calvin T.: See—
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- Royt, Beatrice, and M. C. Cone. Practice keyboard. 2,828,661, 4-1-58, Cl. 84-467.
- Rozeck, Kurt, to Kumag A. G. Maschinenfabrik. Riveting machine. 2,842,989, 7-15-58, Cl. 78-53.
- Rozian, Irving W., to Ford Motor Co. Process for degassing ferrous metals. 2,837,790, 6-10-58, Cl. 22-57.2.
- Rozmus, Walter J.: See—
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- Rozmus, Walter J., to Kelsey-Hayes Co. Ratchet and cam actuated tool. 2,861,490, 11-25-58, Cl. 81-15.
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- Rubery, Owen & Co., Ltd.: See—
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- Rubinstein, David: See—
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- Rudd, Wallace C.: See—
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- Ruddy, Arlo W., to Warner-Lambert Pharmaceutical Co. Aryl-substituted piperidylpropanols. 2,833,776, 5-6-58, Cl. 260-294.7.
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- Rudel, Harry W., to Esso Research and Engineering Co. Improved fuel compositions. 2,838,387, 6-10-58, Cl. 44-79.
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- Ruderman, Irving W., to Isomet Corp. Mounting of fluorescent and phosphorescent elements. 2,853,621, 9-23-58, Cl. 250-71.
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- Ruding, George H., and C. E. Duché. Slide actuator for slide fasteners. 2,854,722, 10-7-58, Cl. 24-205.15.
- Rudinger, Fred, to Gibraltar Shelters Inc. Bombshelter. 2,822,765, 2-11-58, Cl. 109-1.
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- Rudnick, Philip: See—
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- Rudser, Melnor C.: See—
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- Rue, Sigurd O., to Ethyl Corp. Organic material. 2,862,014, 11-25-58, Cl. 260-414.
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- Ruf, Hermann, to Forstner, Inc. Key chain construction. 2,861,313, 11-25-58, Cl. 24—115.
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- Ruf, Walter. Steering device for motor vehicles. 2,848,246, 8-19-58, Cl. 280—91.
- Ruff, Alban E.: See—
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- Ruff, Alonzo W., to V. C. Patterson & Associates, Inc. Vestibule for cold storage warehouses. 2,827,266, 3-18-58, Cl. 257—9.
- Ruff, Edgar E., to Lever Brothers Co. Polyphosphate compositions containing soap and 2-mercaptothiazoline. 2,861,954, 11-25-58, Cl. 252—110.
- Ruff, Edgar E., and E. E. Smith, to Lever Brothers Co. Nontarnishing detergent compositions containing ferric salts. 2,829,102, 4-1-58, Cl. 252—135.
- Ruff, Edgar E., and E. E. Smith, to Lever Brothers Co. Nontarnishing detergent compositions containing salts of antimony or bismuth. 2,829,103, 4-1-58, Cl. 252—135.
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- Ruff, Edgar E., and E. E. Smith, to Lever Brothers Co. Nontarnishing detergent compositions containing a hydroxylamine salt and an alkali metal silicate. 2,829,108, 4-1-58, Cl. 252—137.
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- Rugen, Vernon L., to Deere Mfg. Co. Transmission and control therefor. 2,839,941, 6-24-58, Cl. 74—359.
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- Runge, Frank E., to The Soundscribe Corp. Turntable changing mechanism for magnetic recorder. 2,859,972, 11-11-58, Cl. 274-4.
- Runge, Frank E., W. H. Lyon, and D. F. Balmer, to The Soundscribe Corp. Turntable for magnetic recorder. 2,860,191, 11-11-58, Cl. 179-100.2.
- Runge, John W.: *See*—
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- Runkel, Gerd, to ACF Industries, Inc. Vehicle lateral motion control. 2,863,400, 12-9-58, Cl. 105-3.
- Runknagel, Rolf K. H. Lubricating devices. 2,831,736, 4-22-58, Cl. 308-132.
- Runknagel, Rolf K. H., to The Rolin Corp. Journal seal. 2,857,180, 10-21-58, Cl. 286-6.
- Runner, John W., to The Goodyear Tire & Rubber Co. Automatic adjustment grip for brakes. 2,844,223, 7-22-58, Cl. 188-67.
- Runquist, Ernest M., and G. W. Marks. Ultrasonic, high pressure interferometer. 2,833,142, 5-6-58, Cl. 73-53.
- Runte, Egon. Heating or cooling buildings. 2,845,253, 7-29-58, Cl. 257-136.
- Runte, Egon. Heating of buildings. 2,855,185, 10-7-58, Cl. 257-124.
- Runtan, Leslie A., to The Russell Mfg. Co. Railway journal packing. 2,827,346, 8-18-58, Cl. 308-243.
- Runtan, Leslie A., to The Russell Mfg. Co. Shock resistant rope. 2,841,046, 7-1-56, Cl. 87-2.
- Runtan, Leslie A., to The Russell Mfg. Co. Conveyor belts. 2,841,515, 7-1-58, Cl. 154-52.1.
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- Runzel Cord & Wire Co.: *See*—
Moeller, Arthur E. 2,818,756.
- Runzi, Kurt. Folding machine. 2,831,676, 4-22-58, Cl. 270-63.
- Rupe, Don O., Jr. Basket construction. 2,851,186, 9-9-58, Cl. 220-4.
- Rupp, Fritz: *See*—
Reinartz, Robert, and Rupp. 2,859,966.
- Rupp, Lester P.: *See*—
Rupp, Sylvester B., and Rupp. 2,842,258.
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- Ruppe, Peter P., and A. E. Bodycombe. Conveyor elevator. 2,849,140, 8-26-58, Cl. 214-730.
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- Ruppel, Harold B., to The Magnavox Co. Acceleration actuated switch. 2,854,539, 9-30-58, Cl. 200-61.45.
- Ruppert, Wilhelm, and G. Schwedler, to Metallgesellschaft Akt. Metal nitride coating process. 2,865,791, 12-23-58, Cl. 117-106.
- Rus, Albert F., to Western Electric Co., Inc. Device for forming plastic protectors around electrical elements. 2,850,765, 9-9-58, Cl. 18-19.
- Ruscetta, Ralph A., and A. L. Jenny, to General Electric Co. Method of etching capacitor electrodes. 2,863,811, 12-9-58, Cl. 204-141.
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- Rusch, Edward F., to Da-Lite Screen Co., Inc. Projection screen construction. 2,821,883, 2-4-58, Cl. 88-28.91.
- Rusch, Kenneth A.: *See*—
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- Rusch, Kenneth A., to Milprint, Inc. Art of forming bag bottoms. 2,820,497, 1-21-58, Cl. 150-0.5.
- Rusch, William H., to Worldsbest Industries, Inc. Removable gate. 2,859,811, 11-11-58, Cl. 160-136.
- Ruschell, John M., to The Ruschell Lens Co. Lamp attachment. 2,863,039, 12-2-58, Cl. 240-46.31.
- Ruschell Lens Co., The: *See*—
Ruschell, John M. 2,863,039.
- Ruschhaupt, Dolph W. Sound reproducing devices. 2,852,087, 9-16-58, Cl. 181-31.
- Ruschig, Heinrich: *See*—
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- Ruschig, Heinrich, and L. Stein, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process of separating L- and D-aminomethyl-(3,4-dihydroxyphenyl)-carbinol. 2,820,827, 1-21-58, Cl. 260-570.6.
- Ruschig, Heinrich, W. Siedel, H. Leditschke, M. Schorr, D. Schmidt-Barbo, and G. Lammler, to Farbwerke Hoechst Aktiengesellschaft. 4-halogen-2-(amino alkylamino)-1,3,5-trimethylbenzenes. 2,827,467, 3-18-58, Cl. 260-313.
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- Ruschin, Kurt, and G. Milner, to The Power Gas Corp. Ltd. Manufacture of combustible gases. 2,829,034, 4-1-58, Cl. 48-214.
- Ruschman, Gordon A.: *See*—
Farrell, Walter O., and Ruschman. 2,827,505.
- Rusciano, Frank A., to Metallurgical Processes Co. Method of venting controlled atmosphere furnaces. 2,834,699, 5-13-58, Cl. 148-13.1.
- Rusciano, Frank A., to Metallurgical Processes Co. Furnace for neutral heating of metal with neutral preheat. 2,844,365, 7-22-58, Cl. 266-5.
- Rusciano, Frank A., to Metallurgical Processes Co. Neutral heating with controlled preheat. 2,845,260, 7-29-58, Cl. 266-5.
- Rusciano, Frank A., to Metallurgical Processes Co. Apparatus for the scale free heating of metals. 2,848,207, 8-19-58, Cl. 263-15.
- Rush, Darrel A.: *See*—
Powell, William N. 2,843,216.
- Rush, Hugh M.: *See*—
Clements, Shannon K. 2,864,625.
- Rush, Hugh M. Platform leveling system. 2,829,901, 4-8-58, Cl. 280-6.
- Rush, Hugh M. Hydraulic drive system. 2,833,116, 5-6-58, Cl. 60-53.
- Rush, John W.: *See*—
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McClure, Glenn T., and Rush. 2,830,850.
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- Rush, John W., and G. T. McClure, to Westinghouse Air Brake Co. Fluid pressure brake equipment. 2,824,770, 2-25-58, Cl. 303-35.
- Rush, June W. Bypass circuit. 2,843,677, 7-15-58, Cl. 179-1.
- Rush, Martin G. Pea shelling device. 2,829,653, 4-8-58, Cl. 150-30.
- Rush Stamping Co., The: *See*—
Roesch, George R. 2,831,366.
Walton, Frederick E. 2,861,625.
- Rushford, Wilson H.: *See*—
Webster, George J., and Rushford. 2,844,445.
- Rushford, Wilson H., to Phillips Petroleum Co. Wet oil-water emulsion pelleting of carbon black. 2,848,347, 8-19-58, Cl. 106-307.
- Rushford, Wilson H., to Phillips Petroleum Co. Process for production of carbon black. 2,852,345, 9-16-58, Cl. 23-209.4.
- Rushing, George, Jr. Screen door latch holder. 2,847,241, 8-12-58, Cl. 292-95.
- Rushing, James F., to Ceco Steel Products Corp. Method and means for releasing molding forms from a molded product. 2,850,785, 9-9-58, Cl. 25-120.
- Rushmer, John R., to Fairmont Railway Motors, Inc. Machine for shaping tie beds. 2,853,706, 10-14-58, Cl. 37-104.
- Rushton, Eugene R. Universal mortise and boring jig for door locks. 2,843,167, 7-15-58, Cl. 144-76.
- Rusk, Stanley J. Electronic servo amplifier. 2,863,050, 12-2-58, Cl. 250-27.

- Ruskin, Robert E., and M. V. Morgan. Water depth indicator. 2,821,853, 2-4-58, Cl. 73—290.
- Ruskin, Simon L., to Union Carbide Corp. Addition of urea ascorbate to bread dough and resulting product. 2,844,467, 7-22-58, Cl. 99—90.
- Ruskin, Simon L., and C. W. Rippie. Process for secondary oil recovery: dynamic cycle system. 2,838,118, 6-10-58, Cl. 166—42.
- Ruskin, Simon L., and R. C. Hockett. Preparation of 2,4-monofurfurylidene sorbitol. 2,853,495, 9-23-58, Cl. 260—340.7.
- Rusler, George W., Jr., to Minneapolis-Honeywell Regulator Co. Automatic pilots for aircraft. 2,827,250, 3-18-50, Cl. 244—77.
- Rusoff, Irving I., to General Foods Corp. Chocolate product and process therefor. 2,835,585, 5-20-58, Cl. 99—23.
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- Rusoff, Irving I., to General Foods Corp. Flavor product and process. 2,835,593, 5-20-58, Cl. 99—140.
- Ruson Laboratories, Inc.: See—
Jackson, Clyde R. 2,860,084.
- Russ, Daniel G., to Bendix Aviation Corp. Fuel control system for gas turbine engines. 2,848,869, 8-26-58, Cl. 60—39.28.
- Russek, Henry I. Combined time indicator and stethoscope chestpiece. 2,829,727, 4-8-58, Cl. 181—24.
- Russell, Allan M. Oxygen mask. 2,818,861, 1-7-58, Cl. 128—205.
- Russell, Arthur O., and M. G. Jones, to American Viscose Corp. Apparatus for joining thermoplastic sheets. 2,834,395, 5-13-58, Cl. 154—42.
- Russell, Burdall & Ward Bolt and Nut Co.: See—
MacDonald, Roderic A. 2,832,973.
- Russell, Burrell B. Bean and pea sheller. 2,820,459, 1-21-58, Cl. 130—30.
- Russell, Cecil R.: See—
Hagen, Glenn E., Williams, Philbrick, Beck, and Russell. 2,850,232.
- Russell, Charles, to Bendix Aviation Corp. Automatic steering system. 2,866,930, 12-30-58, Cl. 318—16.
- Russell, Charles A., to National Lead Co. Aminoalkyl acyl titanate. 2,845,445, 7-29-58, Cl. 260—429.5.
- Russell, Charles R., L. E. Schniepp, L. S. Hafner, and H. E. Smith, to United States of America, Agriculture. 1-tetrahydrofuryl-3,6,9-nonanetriol trialkanoates. 2,837,537, 6-3-58, Cl. 260—347.4.
- Russell, Charles R., L. E. Schniepp, L. S. Hafner, and H. E. Smith, to United States of America, Agriculture. Esters of α -(tetrahydro-2-furyl) alkanols. 2,864,828, 12-16-58, Cl. 260—347.4.
- Russell Constructions Ltd.: See—
Hurst, Justin. 2,828,013.
Hurst, Justin. 2,848,110.
- Russell, D. M.: See—
Teigen, Ferdinand A. 2,855,839.
- Russell, Douglas S.: See—
Fitch, Fred T., and Russell. 2,852,338.
- Russell, Edward J., to Trojan Powder Co. Nitrate explosives and method of making. 2,821,466, 1-28-58, Cl. 52—11.
- Russell, Edwin R.: See—
Boyd, George E., Adamson, Schubert, and Russell. 2,855,269.
- Russell, Edwin R., A. W. Adamson, J. Schubert, and G. E. Boyd, to United States of America, Atomic Energy Commission. Zirconium phosphate adsorption method. 2,859,093, 11-4-58, Cl. 23—14.5.
- Russell, Frank J., Jr. Fishing lure. 2,819,552, 1-14-58, Cl. 43—42.2.
- Russell, Fred J. Tilting door latch. 2,835,524, 5-20-58, Cl. 292—128.
- Russell, Fred J. Camming lock mechanism. 2,842,952, 7-15-58, Cl. 70—216.
- Russell, George F.: See—
Mann, Julius W., and Russell. 2,821,611.
Mann, Julius W., and Russell. 2,824,200.
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- Russell, Grover M., to Penn Controls, Inc. Oil burner safety control. 2,857,960, 10-28-58, Cl. 158—28.
- Russell, Harvey W., and N. Wonnacott, to Willcox & Gibbs Sewing Machine Co. Overedge sewing machine for making safety seam. 2,834,309, 5-13-58, Cl. 112—163.
- Russell, Howard W. Folding machine with article grouping means. 2,825,553, 3-4-58, Cl. 270—68.
- Russell, Irving H.: See—
Swartz, James J., and Russell. 2,843,920.
- Russell, James D., to Young Brothers Co. Wicket for sheet conveyor. 2,821,286, 1-28-58, Cl. 198—134.
- Russell, James F.: See—
Persak, George, Jr., and Russell. 2,846,820.
- Russell, James L., to Bendix Aviation Corp. Apparatus for comparing successively occurring electrical pulses. 2,821,702, 1-28-58, Cl. 343—7.7.
- Russell, James T., and H. W. Lefevre, to the United States of America as represented by the United States Atomic Energy Commission. Multichannel pulse-height analyzer. 2,820,896, 1-21-58, Cl. 250—27.
- Russell, Jerome A. G., to the United States of America as represented by the United States Atomic Energy Commission. Electronic trigger circuit. 2,819,396, 1-7-58, Cl. 250—27.
- Russell, John D., to Joy Mfg. Co. Conveyor mechanism. 2,832,482, 4-29-58, Cl. 214—41.
- Russell, John D., to Joy Mfg. Co. Mining apparatus of the pivoted boom type. 2,858,121, 10-28-58, Cl. 262—29.
- Russell, John F., Jr.: See—
Findlay, Albert J. 2,827,927.
- Russell, John G., to Parker Hannifin Corp. Sealing assembly of packing rings of different qualities. 2,862,736, 12-2-58, Cl. 286—26.
- Russell, John G., to Parker-Hannifin Corp. Remote-sensed fuel tank air control valve. 2,865,392, 12-23-58, Cl. 137—206.
- Russell, John J. Mixing valve and swing faucet. 2,818,878, 1-7-58, Cl. 137—359.
- Russell, John L., to The Bristol Co. Polarized relay. 2,848,579, 8-19-58, Cl. 200—93.
- Russell, John L., to The Bristol Co. Captive shield and circuit component embodying the same. 2,862,084, 11-25-58, Cl. 200—168.
- Russell, John L., to The Bristol Co. Electrically actuated contactor. 2,866,028, 12-23-58, Cl. 200—93.
- Russell, John L., to The Bristol Co. Electrical transducer. 2,866,877, 12-30-58, Cl. 201—48.
- Russell, John L., and W. E. Hodges, to The Bristol Co. Electromagnetic circuit-controlling device and apparatus embodying the same. 2,862,078, 11-25-58, Cl. 200—103.
- Russell, Kenneth P.: See—
Hubbard, Charles L., and Russell. 2,850,343.
- Russell-Lacey Mfg. Co., Inc.: See—
Wear, John H. 2,832,301.
- Russell, Linus E., to Peters & Russell, Inc. Air horn and tank assembly. 2,857,876, 10-28-58, Cl. 116—139.
- Russell Mfg. Co., Inc.: See—
Starnes, Earl W. 2,853,743.
Warren, George C., Jr. 2,820,337.
- Russell Mfg. Co., The: See—
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Morton, Henry C. 2,855,081.
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Taylor, Schuyler J. 2,831,235.
- Russell, Marvin E., to Minneapolis-Honeywell Regulator Co. Control device. 2,840,669, 6-24-58, Cl. 200—140.
- Russell, Ralph W., Jr. Adaptor for vertical bending press. 2,855,971, 10-14-58, Cl. 153—21.
- Russell, Robert C., to Eaton Mfg. Co. Gearshift mechanism. 2,821,089, 1-28-58, Cl. 74—335.
- Russell, Robert C., to Eaton Mfg. Co. Shaft coupler. 2,829,885, 4-8-58, Cl. 208—124.
- Russell, Robert C., to Eaton Mfg. Co. Transmission mechanisms. 2,839,950, 6-24-58, Cl. 74—677.
- Russell, Robert C., to Eaton Mfg. Co. Power transmission mechanisms. 2,861,476, 11-25-58, Cl. 74—688.
- Russell, Robert C. H. Cable operated earth moving scraper. 2,864,182, 12-16-58, Cl. 37—125.
- Russell, Robert G., to Owens-Corning Fiberglas Corp. Apparatus for feeding a multi-filament continuous strand. 2,826,293, 3-11-58, Cl. 203—220.
- Russell, Roy V.: See—
Wiley, Allen D., and Russell. 2,843,179.
- Russell, Stanley D., to J. I. Case Co. Forage crop crusher. 2,829,587, 4-8-58, Cl. 100—171.
- Russell, Stanley D., to J. I. Case Co. Drive mechanism for a pick-up hay baler. 2,834,177, 5-13-58, Cl. 56—341.
- Russell, Stanley D., to J. I. Case Co. Bailing machine. 2,853,000, 9-23-58, Cl. 100—19.
- Russell & Stoll Co., Inc.: See—
Rothen, Edward M. 2,846,571.
- Russell, Theodore B., and R. C. Bartlett. Flexible tubing precision liquid flow controller. 2,841,358, 7-1-58, Cl. 251—8.
- Russell, Thomas M., Jr. Anti-heel and anti-movement device for floats, boats and craft. 2,858,790, 11-4-58, Cl. 114—121.
- Russell, Walter L. Mechanical dispensing means for fabric articles. 2,856,051, 10-14-58, Cl. 194—4.
- Russell, William J.: See—
Weber, Victor, Russell, and Brinkhoff. 2,859,024.
Weber, Victor, Tyler, and Russell. 2,830,164.
Weber, Victor, Tyler, and Russell. 2,833,894.
Weber, Victor, Tyler, and Russell. 2,833,895.
- Russell, William N.: See—
Suen, Tzeng-Jueq, and Russell. 2,819,189.
- Russell, William W.: See—
Allen, Herman C., and Russell. 2,842,828.
- Russo, Carl J., and H. A. Sinski, to Joseph Bancroft & Sons Co. Crimping apparatus. 2,854,729, 10-7-58, Cl. 28—1.
- Russo, Frank A.: See—
Armenante, Jerry V., and Russo. 2,837,133.
- Rust, Edgar C., Jr., to James Hunter Machine Co. Pin plate attachment for clip tenter chain. 2,822,601, 2-11-58, Cl. 26—62.

- Rust, Edgar C., Jr., and L. M. Gagzant, to James Hunter Machine Co. Apparatus for treating textiles. 2,861,750, 11-25-58, Cl. 242-1.
- Rust, John B.: *See—*
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- Rust, John B., $\frac{1}{2}$ to Montclair Research Corp., and $\frac{1}{2}$ to Ellis-Foster Co. Fumaric acid isomerization. 2,843,628, 7-15-58, Cl. 260-537.
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- Rust, Noel M., to Marconi's Wireless Telegraph Co. Ltd. Radar systems. 2,825,056, 2-25-58, Cl. 343-14.
- Rust, Mack D. Cotton harvester with specific spindle slot assembly. 2,835,096, 5-20-58, Cl. 56-42.
- Rustad, Leno W.: *See—*
Rix, Earl H., and Rustad. 2,825,058.
- Ruston & Hornsby Ltd.: *See—*
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- Rusz, Joseph E.: *See—*
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- Ruterman, Ernie R.: *See—*
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- Rutgers Research and Educational Foundation: *See—*
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- Rutgerswerke-Aktiengesellschaft: *See—*
Hupe, Adolf, Geller, Lang, Schildwachter, Göschel, Dostal, and Koch. 2,824,048.
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- Ruth, Arthur P. Pumping apparatus. 2,836,126, 5-27-58, Cl. 103-260.
- Ruth, Elmer L., and S. A. Reitzner, to T. L. Cahoe. Magnetic chuck. 2,824,745, 2-25-58, Cl. 279-118.
- Ruth, Joseph P. Sugar diffusing apparatus. 2,836,519, 5-27-58, Cl. 127-7.
- Ruth, Joseph P. Axle journal coupling for locomotives. 2,846,955, 8-12-58, Cl. 105-218.
- Ruth, Joseph P. Exhaust gas conditioner. 2,849,294, 8-26-58, Cl. 23-284.
- Ruth, Joseph P. Exhaust gas conditioner. 2,849,295, 8-26-58, Cl. 23-284.
- Ruth, Linus C., to Hoffman Electronics Corp. High voltage regulation circuit. 2,854,592, 9-30-58, Cl. 307-150.
- Ruthardt, Konrad, to W. C. Heraeus, G. m. b. H. Method for carburizing spinning nozzles composed of tantalum and alloys thereof. 2,832,710, 4-29-58, Cl. 148-13.1.
- Rutherford, Henry P. to Multi Corp. Shuttle tip structure. 2,828,773, 4-1-58, Cl. 139-196.
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- Rutherford, Henry P. to Multi Corp. Shuttle tips. 2,828,775, 4-1-58, Cl. 139-196.
- Rutherford, Paul H.: *See—*
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- Ruthroff, Clyde L., to Bell Telephone Laboratories, Inc. Amplitude modulation limiting circuit. 2,848,609, 8-19-58, Cl. 250-27.
- Rutishauser, Albert, to P. Baumer. Coupling. 2,855,785, 10-14-58, Cl. 74-125.5.
- Rutishauser, Edgar. Paper-clamping device for rotary duplicating. 2,841,393, 7-1-58, Cl. 271-61.
- Rutkove, Edward. Water wheel apparatus. 2,850,261, 9-2-58, Cl. 253-26.
- Rutkowski, Rudi: *See—*
Priewe, Hans, and Rutkowski. 2,853,424.
- Rutledge, Thomas F., to Air Reduction Co., Inc. Reactions of sodium acetylide with alkyl halides. 2,846,491, 8-5-58, Cl. 260-678.
- Rutledge, Thomas F., to Air Reduction Co., Inc. Preparation of methylacetylene and ethylacetylene. 2,848,520, 8-19-58, Cl. 260-678.
- Rutledge, Wyman C.: *See—*
Vine, Allyn C., Holmes, and Rutledge. 2,845,221.
- Rutten, Donald, to Railoc Co., Inc. Silage distributor. 2,836,149, 5-27-58, Cl. 119-52.
- Rutten, Edward N. Holder for glasses. 2,826,387, 3-11-58, Cl. 248-229.
- Rutten, Peter, to Railoc Co., Inc. Silo construction. 2,834,063, 5-13-58, Cl. 20-1.4.
- Rutter, David L.: *See—*
Spretnjak, Steve A., and Rutter. 2,852,816.
- Rutter, John W., and W. A. Tiller, to Canadian Patents and Development Ltd. Method of preparing semiconductive materials. 2,824,030, 2-18-58, Cl. 148-1.5.
- Ruttie, John W., Jr.: *See—*
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- Rutz, Richard F., to International Business Machines Corp. High frequency transistor oscillator. 2,842,668, 7-8-58, Cl. 250-38.
- Rutz, Richard F., to International Business Machines Corp. Temperature compensated semi-conductor devices. 2,846,592, 8-5-58, Cl. 250-211.
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Lintvedt, Halvard. 2,863,987.
- Ruvin, Abraham E., to United States of America, Air Force. Test circuit for frequency modulation canceller. 2,852,771, 9-16-58, Cl. 343-17.7.
- Ruyle, William V.: *See—*
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- Ruze, John, to The Gabriel Co. Dual-polarization antenna. 2,825,060, 2-25-58, Cl. 343-756.
- Ruze, John, to The Gabriel Co. Antenna array excited by voltage of varying amplitude. 2,863,146, 12-2-58, Cl. 343-770.
- Ruzicka, Leopold, H. Heusser, and O. Jeger, to Ciba Pharmaceutical Products, Inc. 8,9-oxido-3,7,11-oxygenated steroids. 2,831,857, 4-22-58, Cl. 260-239.55.
- Ruzicka, Leopold, and V. Prelog, to Ciba Pharmaceutical Products, Inc. Process for the manufacture of compounds of the azulene series. 2,838,580, 6-10-58, Cl. 260-666.
- Ruzicka, Leopold, H. Heusser, and R. Anliker, to Ciba Pharmaceutical Products Inc. Methylene-hydrophenanthrenes and process for their manufacture. 2,858,321, 10-28-58, Cl. 260-340.9.
- Ruzinsky, Herbert, to Radio Corp. of America. Electron tube mount. 2,840,733, 6-24-58, Cl. 313-1.
- Ryall, James A. Auxiliary pedal for automobile dimmer switches. 2,838,628, 6-10-58, Cl. 200-61.89.
- Ryall, Leonard E., to Telephone Mfg. Co. Ltd. Voice switching in telephone transmission systems. 2,852,621, 9-16-58, Cl. 179-170.6.
- Ryan Aeronautical Co., The: *See—*
Cattrell, William M. 2,824,758.
Compton, Stanley P., and Musterer. 2,858,669.
Fullerton, John R., Leech, and Heyser. 2,826,675.
Fullerton, John R., Leech, and Heyser. 2,826,676.
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Hamilton, Robert B. 2,863,957.
Keith, Ivan W. 2,844,338.
Mellinger, Ernest F. 2,862,540.
Neary, Kenneth J. 2,834,537.
O'Rourke, Neil W. 2,846,844.
- Ryan, Alfred J.: *See—*
Parshall, Ralph L., Ryan, and Luton. 2,857,762.
- Ryan, Arthur M. Animated display sign. 2,840,942, 7-1-58, Cl. 40-139.
- Ryan, Daniel R. Freight transfer apparatus. 2,856,085, 10-14-58, Cl. 214-38.
- Ryan, Francis P. Scraper. 2,864,183, 12-16-58, Cl. 37-126.
- Ryan, George R., to Abbott Laboratories. Venoclysis apparatus. 2,832,338, 4-29-58, Cl. 128-214.
- Ryan, George R., to Abbott Laboratories. Closure connecting means. 2,836,179, 5-27-58, Cl. 128-214.
- Ryan, George R., to Abbott Laboratories. Transfusion apparatus. 2,848,995, 8-26-58, Cl. 128-214.
- Ryan, George R., to Abbott Laboratories. Closure with integral drip tube. 2,852,024, 9-16-58, Cl. 128-214.
- Ryan, Helen R. Multi-year calendar. 2,841,900, 7-8-58, Cl. 40-117.
- Ryan, James V., W. Bastedo, Jr., E. W. Strong, and A. M. Losey, to Gyrodyne Co. of America, Inc. Directional control system for rotary wing aircraft. 2,835,331, 5-20-58, Cl. 170-135.28.
- Ryan, John E.: *See—*
Toma, John W., and Ryan. 2,819,540.
- Ryan, John J., and R. A. Weidener, to National Starch Products Inc. Cold-water-soluble dextrine adhesive and process of making it. 2,849,327, 8-26-58, Cl. 106-208.
- Ryan, John W. Toy fanner piston. 2,866,287, 12-30-58, Cl. 42-58.
- Ryan, Joseph T.: *See—*
Hoppe, Charles T. 2,845,066.
- Ryan, Martin A., to Phillips Petroleum Co. Automatic liquid dispensing nozzle. 2,818,890, 1-7-58, Cl. 141-225.
- Ryan, Michael E. Wind up reel means for anchor lines. 2,860,842, 11-18-58, Cl. 242-107.3.
- Ryan Recording Thermometer Co.: *See—*
Bristol, Donald R. 2,848,895.
- Ryan, Robert D.: *See—*
Carter, Lyle E., and Ryan. 2,842,906.
- Ryan, Thomas J., to Philco Corp. Pulsed oscillator system. 2,844,725, 7-22-58, Cl. 250-36.
- Ryan, Thomas W. Leashes for animals. 2,827,017, 3-18-58, Cl. 119-109.
- Ryan, William H., to Polaroid Corp. Method of stretching plastic sheet materials. 2,854,697, 10-17-58, Cl. 18-48.
- Rybakoff, George, to North American Philips Co., Inc. Electron discharge tube. 2,481,735, 7-1-58, Cl. 313-242.
- Rychlik, Robert F. Television lead-in coupler. 2,829,367, 4-1-58, Cl. 343-850.
- Ryckman, George E. Tracer. 2,838,268, 6-10-58, Cl. 251-3.
- Ryckman, George E., to The Homer Laughlin China Co. Article decorating apparatus. 2,841,075, 7-1-58, Cl. 101-41.
- Ryckman, William D., Jr.: *See—*
Maceon, Herbert J., and Ryckman. 2,838,245.
- Ryckman, William D., Jr., to General Electric Co. Dishwashing machine with detergent dispenser. 2,861,581, 11-25-58, Cl. 134-58.
- Rydberg, Rudolph C., and E. A. Herman. Veneer joining edge staplers. 2,820,223, 1-21-58, Cl. 1-106.
- Rydberg, Rudolph C., and E. A. Herman. Automatic veneer laying machine. 2,854,153, 9-30-58, Cl. 214-6.

- Ryden, Olov, to Allmänna Svenska Elektriska Aktiebolaget. Over-voltage protection device for protection of electric equipment. 2,862,152, 11-25-58, Cl. 317-12.
- Ryder, Frank A., to Stewart-Warner Corp. Combustion heater sheet metal heat exchanger. 2,841,134, 7-1-58, Cl. 126-109.
- Ryder, Frank A., V. N. Tramontini, and J. F. Wein, to Stewart-Warner Corp. Vehicle combustion heater. 2,834,336, 5-13-58, Cl. 126-16.
- Ryder, Fred A., to Chicago Carton Co. Pouring spout carton. 2,842,302, 7-8-58, Cl. 229-17.
- Ryder, William V., Jr., to American Radiator & Standard Sanitary Corp. Hydraulic pivot. 2,844,415, 7-22-58, Cl. 308-2.
- Rydin, Hans F. A., to Stockholms Superfosfat Fabriks Aktiebolag. Drying plant. 2,835,051, 5-20-58, Cl. 34-174.
- Rye, John K.: See—
- Kay, John G., and Rye. 2,853,176.
- Rylander, Paul N.: See—
- Zimmerschied, Wilford J., and Rylander. 2,854,498.
- Zimmerschied, Wilford J., and Rylander. 2,866,751.
- Zimmerschied, Wilford J., and Rylander. 2,866,752.
- Rylander, Paul N., to Standard Oil Co. Extraction process for separating a hydrocarbon from a mixture thereof employing pyridine oxide or alkylpyridine oxide. 2,850,547, 9-2-58, Cl. 260-674.
- Rylander, Paul N., and W. A. Junk, Jr., to Standard Oil Co. Process of extraction with 2-oxazolidone solvents. 2,840,511, 6-24-58, Cl. 196-1427.
- Rylander, Paul N., Jr., and W. J. Zimmerschied, to Standard Oil Co. Method of producing titanium-phosphoric acid catalyst. 2,824,073, 2-18-58, Cl. 252-435.
- Ryley, James F., to Owens-Illinois Glass Co. Mixing pipette. 2,836,979, 6-3-58, Cl. 73-425.4.
- Rymills, Alfred W., to Buckeye Iron & Brass Works. Soft closing nozzle valve. 2,843,148, 7-15-58, Cl. 137-599.2.
- Rymland, Murray J. Stabilizer and edge support for coil springs. 2,857,603, 10-28-58, Cl. 5-260.
- Rympolski, William to Polarad Electronics Corp. Mesh scrubbing pad and method of manufacture. 2,857,610, 10-28-58, Cl. 15-209.
- Rynders, Frank J. Door draft check. 2,851,745, 9-16-58, Cl. 20-67.
- Ryno, Juddson B.: See—
- Casey, Charles L., and Ryno. 2,821,329.
- Rypsey, Albert J. Embalming stopper. 2,850,788, 9-9-58, Cl. 27-21.
- Rypsey, Albert J. Multi-edge razor blade having various shapes and sizes of cutting edges. 2,863,213, 12-9-58, Cl. 30-74.1.
- Rys, Frederick W.: See—
- Black, John F., and Rys. 2,828,516.
- Ryser, Ernst, to B. Voumard. Sliding clasp fasteners. 2,849,774, 9-2-58, Cl. 24-205.13.
- Rystan Co.: See—
- Gruskin, Benjamin. Re. 24,573.
- Rysti, Alpo A., to Oy. Kaukas Ab. Arrangement in conveyors for transporting piles of lumber. 2,847,110, 8-12-58, Cl. 198-35.
- Ryznar, John W., to National Aluminated Corp. Microbi-cidal bandage. 2,838,045, 6-10-58, Cl. 128-156.
- Ryznar, John W., and H. Thompson, to National Aluminate Corp. Fuel additive for removing and inhibiting fireside deposits. 2,845,338, 7-29-58, Cl. 44-5.
- Rzasa, Michael J., and P. L. Terwilliger, to Pan American Petroleum Corp. Recovery of oil from reservoirs. 2,822,872, 2-11-58, Cl. 166-9.
- Rzezutko, Joseph A., and J. C. Mueller, to American Metal Products Co. Method of shaping hollow metal articles. 2,821,012, 1-28-58, Cl. 29-156.8.
- S. A. M. P. R. E. Soc. Az. Meccanica Precisione: See—
- Fusaroli, Goffredo. 2,840,321.
- S. A. R. L. Doitau Produits Metallurgie: See—
- Nouveau, Henri. 2,821,000.
- Nouveau, Henri. 2,841,843.
- S. A. S. I. B. S. p. A. Scipione Innocenti-Bologna: See—
- Baglioni, Amlecare. 2,819,746.
- Innocenti, Scipione. 2,829,692.
- S. A. S. Lavorazione Materie Plastiche (L. M. P.) di M. I. Colombo & C.: See—
- Colombo, Roberto. 2,820,249.
- S & C Electric Co.: See—
- Mikos, John J. 2,824,190.
- S & C Mfg. Co.: See—
- Liebelt, Howard E., and Starbuck. 2,853,320.
- S. & E. Mfg. Co.: See—
- Schutte, Ethel M. 2,839,127.
- SKB Schuechtermann & Kremer-Baum Aktiengesellschaft Feuer Aufbereitung: See—
- Teuteberg, Rudolf. 2,864,499.
- S. K. F. Industries, Inc.: See—
- Aiken, William L. 2,841,128.
- Brusca, Joseph L. 2,829,933.
- SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung: See—
- Dausch, Erwin. 2,819,497.
- Johanson, Bertil, Ehn, and Sommer. 2,861,829.
- Kühler, Friedrich. 2,865,056.
- Rogner, Ernst. 2,856,642.
- S & L Novelty Co.: See—
- Litowsky, Julius. 2,858,543.
- S. P. A. Fibre Tessili Artificiali: See—
- Roncoroni, Antonio. 2,861,965.
- S. P. A. Officina Meccanica St. Andrea-Novara: See—
- Brusorio, Giovanni, and Rapra. 2,831,216.
- S. p. A. Officine Maccaferri già Raffaele Maccaferri & Figli: See—
- Rossi, Mario. 2,841,188.
- S. p. A. Prod. Farmaceutici Specializzati Dott. M. Calosi & F.: See—
- Ciriello, Carmine. 2,863,870.
- S. p. A. "Vetrocoko": See—
- Giammarco, Giuseppe. 2,849,082.
- Giammarco, Giuseppe. 2,840,450.
- S-P Mfg. Corp., The: See—
- Sampson, Merritt B. 2,849,244.
- S & S Corrugated Paper Machinery Co., Inc.: See—
- Roselius, Louis W. 2,864,285.
- Shields, Albert F. 2,853,927.
- Shields, Albert F. 2,860,554.
- S & S Industrial Products: See—
- Senkewitz, John S. 2,828,542.
- S. & S. Industries, Inc.: See—
- Schwartz, Marcus. 2,830,300.
- S & S Vending Machine Co.: See—
- Smith, William J. 2,865,532.
- S. U. Carburetter Co. Ltd., The: See—
- Morris, John N. 2,810,066.
- Morris, John N. 2,849,999.
- Morris, John N. 2,855,850.
- S & W Fine Foods, Inc.: See—
- Carroll, Ellsworth W. 2,819,787.
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- Saalfrank, Royal B., to Milton Roy Co. Submersion pumps. 2,832,296, 4-29-58, Cl. 103-153.
- Saalfrank, Royal B., to Milton Roy Co. Stroke adjustment device. 2,841,991, 7-8-58, Cl. 74-40.
- Saalfrank, Royal B., to Milton Roy Co. Pump. 2,856,857, 10-21-58, Cl. 103-44.
- Saam, John C., to Dow Corning Corp. Method of preparing β -cyanoethyltrichlorosilane. 2,860,153, 11-11-58, Cl. 260-448.2.
- Saarbergwerke: See—
- Quoniam, Jean. 2,858,005.
- Saarento, Aulus A. Cylinder lock. 2,832,211, 4-29-58, Cl. 70-364.
- Saari, Paul A., to Minneapolis-Honeywell Regulator Co. Apparatus for assembling laminated electromagnetic devices. 2,835,026, 5-20-58, Cl. 29-203.
- Saarivirta, Matti J., and A. E. Beck, Jr., to American Metal Climax, Inc. Copper-zirconium alloys. 2,842,438, 7-8-58, Cl. 75-153.
- Sabara, Michael A. Bait casting catapult. 2,836,920, 5-3-58, Cl. 43-19.
- Sabaroff, Samuel, to Barker and Williamson, Inc. Low pass filter units for high frequency signal circuits. 2,844,801, 7-22-58, Cl. 333-79.
- Sabaroff, Samuel. Longitudinal isolation device for high frequency signal transmission lines. 2,865,006, 12-16-58, Cl. 333-33.
- Sabater, Carlos. Time delayed speed governor for vehicle. 2,837,168, 6-3-58, Cl. 180-82.1.
- Sabatini, John J., to Bendix Aviation Corp. Starter gearing for internal combustion engines. 2,818,735, 1-7-58, Cl. 74-7.
- Sabatini, John J., to Bendix Aviation Corp. Starter gearing for internal combustion engines. 2,841,988, 7-8-58, Cl. 74-6.
- Sabatini, John J., to Bendix Aviation Corp. Engine starter gearing. 2,847,857, 8-19-58, Cl. 74-6.
- Sabbagh, John W.: See—
- Voelker, Jane E., and E. M., and Sabbagh. 2,857,954.
- Sabee, Reinhardt N., to Kimberly-Clark Corp. Protective garment. 2,830,297, 4-15-58, Cl. 2-49.
- Sabee, Reinhardt N. Guide roll. 2,853,295, 9-23-58, Cl. 271-2.6.
- Sabellico, Anthony R. Machine for making pile driver pads. 2,855,973, 10-14-58, Cl. 153-64.
- Saber, Charles. Window guard. 2,819,500, 1-14-58, Cl. 20-71.
- Sabik, Frank G.: See—
- Donkin, Wilfred T., and Sabik. 2,821,379.
- Sabine, Hale P., to The Celotex Corp. Fireproof acoustical correction panels. 2,838,806, 6-17-58, Cl. 20-4.
- Sabine, Laurie H., and S. L. Willey, to Sylvania Electric Products Inc. Purifying induction lamp target. 2,856,269, 10-14-58, Cl. 23-208.
- Sabins, Roland C., to Standard Magnesium Corp. Mounting means for cathodic protection anodes. 2,826,543, 3-11-58, Cl. 204-197.
- Sabo, Joseph L. Amusement device. 2,854,786, 10-7-58, Cl. 46-1.
- Sabol, Albert R.: See—
- Karll, Robert E., and Sabol. 2,838,484.
- Lemmon, Norman E., Roberts, and Sabol. 2,843,579.
- Sabol, Albert R., and R. E. Karll, to Standard Oil Co. Lubricating oil composition. 2,851,416, 9-9-58, Cl. 252-32.7.
- Sacchini, Columbus R., to Curtiss-Wright Corp. Marquette Metal Products Division. Windshield wiper drive arm adjusting device. 2,856,212, 10-14-58, Cl. 287-53.

- Sacchini, Columbus R., and D. R. Tomko, to Curtiss-Wright Corp. Spring clutch mechanisms. 2,829,748, 4-8-58, Cl. 192-26.
- Sacchini, Columbus R., and D. R. Tomko, to Curtiss-Wright Corp., Marquette Metal Products Division. Engine starter mechanisms. 2,838,938, 6-17-58, Cl. 74-7.
- Sacchini, Columbus R., and D. R. Tomko, to Curtiss-Wright Corp., Marquette Metal Products Division. Spring clutch mechanisms. 2,839,169, 6-17-58, Cl. 192-37.
- Sacchini, Columbus R., and D. R. Tomko, to Curtiss-Wright Corp., Marquette Metal Products Division. Clutch mechanisms for thread cutting machines. 2,855,615, 10-14-58, Cl. 10-136.
- Sacher, John R.: *See*—
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- Sacher, William S., 50% to L. Cambell, Jr. Spacer table templet. 2,852,629, 9-16-58, Cl. 200-46.
- Sachs, Florence F. Drapery protectors. 2,859,810, 11-11-58, Cl. 160-124.
- Sachs, Norma. Mattress cover. 2,861,280, 11-25-58, Cl. 5-354.
- Sachs, Robert M.: *See*—
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- Sachs, Robert M., and L. C. Secord, to A. V. Roe, Canada Ltd. Nozzle box. 2,848,191, 8-19-58, Cl. 253-39.1.
- Sachse, Hans, T. Kosbahn, and E. Lehrer, to Badische Anilin- & Soda-Fabrik Akt. Process for the production of acetylene by incomplete combustion of hydrocarbons. Re. 24,550, 10-14-58, Cl. 260-679.
- Sachtleben, Lawrence T., and E. Kornstein, to the United States of America as represented by the Secretary of the Air Force. Optical segmentation device. 2,825,262, 3-4-58, Cl. 88-16.
- Sack, Henri S.: *See*—
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- Sack, Leo P. Barbecue spit supporting means. 2,845,856, 8-5-58, Cl. 99-421.
- Sackett, Frank G. Means for applying a liquid material to a surface. 2,839,332, 6-17-58, Cl. 299-35.
- Sackett, Justus R., to E. I. du Pont de Nemours and Co. Coating compositions. 2,842,285, 7-8-58, Cl. 220-64.
- Sackett, Loren C., to B. Walker. Engine analyzer system and pick-up therefor. 2,826,706, 3-11-58, Cl. 310-26.
- Sackett, Manley R. Control for leveling device. 2,838,844, 6-17-58, Cl. 33-209.
- Sackett, Manley R. Level sensitive switching means. 2,839,627, 6-17-58, Cl. 200-61.52.
- Sacks, Morris. Movable safety dashboard for automotive vehicles. 2,855,216, 10-7-58, Cl. 280-150.
- Sacks, Norman M., to Thompson Products, Inc. Lubrication system. 2,834,432, 5-13-58, Cl. 184-6.
- Sacksteder, Richard C., to General Lumps Mfg. Corp. Adjustable weight supporting mechanism. 2,833,504, 5-6-58, Cl. 248-250.
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- Saddington, Arthur W., to Kelco Co. Method of clarifying algal liquor. 2,829,773, 4-8-58, Cl. 210-75.
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- Sadle, Alexander: *See*—
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- Sadler, Carl L., R. H. Eisengrein, and G. H. Hermanson, to Sundstrand Machine Tool Co. Pressure regulating apparatus for a hydraulic control system. 2,832,197, 4-29-58, Cl. 60-52.
- Sadler, Ernest N., to P. J. Feykert. Manhole cover lifter. 2,846,259, 8-5-58, Cl. 294-15.
- Sadler, Francis A. D., to Girling Ltd. Boosters for use in hydraulic systems. 2,853,977, 9-30-58, Cl. 121-46.5.
- Sadler, Harry B.: *See*—
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- Sadler, Harry J., and E. E. Cook. Fluid-pressure-operated fluid injector. 2,822,121, 2-4-58, Cl. 230-20.
- Sadler, Harry J., and E. E. Cook. Method for producing a roller. 2,862,246, 12-2-58, Cl. 18-59.
- Sadler, James E.: *See*—
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- Sadler, Peter, to N. G. N. Electrical Ltd. Magnetically operated valves. 2,827,923, 3-25-58, Cl. 137-589.
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- Sadoian, Antranig V.: *See*—
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- Sadoian, George, Z. G., and A. V. Box loader hitch. 2,858,034, 10-28-58, Cl. 214-77.
- Sadoian, Zaven G.: *See*—
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- Sadowsky, Meier: *See*—
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- Sadowsky, Meier, and E. O. Thompson, to Philco Corp. Masking means. 2,831,455, 4-22-58, Cl. 118-505.
- Sadowsky, Meier, and R. E. Waggner, to Philco Corp. Screen structure for cathode ray tubes. 2,862,130, 11-25-58, Cl. 313-92.
- Sadtler, Chester B., to United States of America, Navy. Retarder device. 2,835,348, 5-20-58, Cl. 188-1.
- Saeman, Walter C., to Olin Mathieson Chemical Corp. Crystallization apparatus. 2,827,366, 3-18-58, Cl. 23-273.
- Saeman, Walter C., to Olin Mathieson Chemical Corp. Crystallizer. 2,856,270, 10-14-58, Cl. 23-273.
- Saemann, P. I.: *See*—
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- Saffer, Alfred: *See*—
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- Saffer, Alfred, to Mid-Century Corp. Process for the preparation of terephthalic acid. 2,833,817, 5-6-58, Cl. 260-524.
- Saffer, Alfred, and R. S. Barker, to Mid-Century Corp. Purification of dimethyl terephthalate. 2,825,737, 3-4-58, Cl. 260-475.
- Saffer, Alfred, and R. S. Barker, to Mid-Century Corp. Process for preparation of carboxyl derivatives of certain N-heterocyclics by oxidation. 2,833,778, 5-6-58, Cl. 260-295.
- Saffer, Alfred, and R. S. Barker, to Mid-Century Corp. Preparation of aromatic polycarboxylic acids. 2,833,816, 5-6-58, Cl. 260-524.
- Saffer, John L., to Chrysler Corp. Latchable tilting seat back. 2,828,806, 4-1-58, Cl. 155-152.
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- Safir, Jacob A. Collapsible tubes. 2,830,730, 4-15-58, Cl. 222-46.
- Safir, Jacob A. Means for treating teeth. 2,835,628, 5-20-58, Cl. 167-84.
- Safir, Jacob A. Medicament vial. 2,853,071, 9-23-58, Cl. 128-272.
- Safford, Moyer M., to General Electric Co. Composition containing epoxy resin, polyvinyl chloride, and plasticizer. 2,843,557, 7-15-58, Cl. 260-30.6.
- Safford, Moyer M., and R. L. Myers, to General Electric Co. Polyethylene-polybutadiene blends process of curing, and products thereof. 2,832,748, 4-29-58, Cl. 260-45.5.
- Safford, Moyer M., and E. J. Smith, to General Electric Co. Polybutadiene coated mica flakes, process of preparation, and cured composition. 2,835,642, 5-20-58, Cl. 260-41.5.
- Safanoff, Albert: *See*—
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- Safir, Sidney R.: *See*—
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- Safranek, George J.: *See*—
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- Safranek, William H.: *See*—
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- Safranek, William H., to Rockwell Spring and Axle Co. Bright chromium alloy plating. 2,822,326, 2-4-58, Cl. 204-43.
- Safranek, William H., to Rockwell Spring and Axle Co. Electrodeposition of iron-zinc alloys. 2,832,729, 4-29-58, Cl. 204-43.
- Safranek, William H., and C. L. Faust, to The City Auto Stamping Co. Electrodeposition of copper-tin alloys. 2,854,388, 9-30-58, Cl. 204-44.
- Saf-T-Brake Valve Co., Inc.: *See*—
Margida, Frank J. 2,854,016.
- Saftien, Karl: *See*—
Anton, Ernst and Saftien. 2,823,212.
- Sagal, John, Jr.: *See*—
Chechak, Jonas J., Sagal, and Smith. 2,848,330.
Straley, James M., and Sagal. 2,822,359.
Straley, James M., and Sagal. 2,832,761.
Tinker, John F., and Sagal. 2,835,581.
- Sagar, Paul B. Pressure actuated switch. 2,821,592, 1-28-58, Cl. 200-81.9.
- Sage, Bernard: *See*—
Diamond, Lester A. 2,847,721.
- Sage, Bruce H., to Texaco Development Corp. Annulus type burner for the production of synthesis gas. 2,836,234, 5-27-58, Cl. 158-116.
- Sage, Joseph: *See*—
Diamond, Lester A. 2,847,721.
- Sage, Richard W., to Esso Research and Engineering Co. Hydroforming using a series of reactors. 2,863,822, 12-9-58, Cl. 208-65.

- Sage, Richard W., and C. H. Jones, to Esso Research and Engineering Co. Method of improving gasoline quality. 2,861,946, 11-25-58, Cl. 208-144.
- Sage, Robert W.: *See*—
Weber, Herman, and Sage. 2,844,045.
- Sage, Stanley J., to Allen B. Du Mont Laboratories, Inc. Electronic color filter. 2,834,254, 5-13-58, Cl. 88-106.
- Sagehomme, Georges E. M. Spinning machines. 2,820,336, 1-21-58, Cl. 57-94.
- Sager, Bertram W. and M. M., to Paramount Wedding Ring Co., Inc. Apparatus for chasing rings. 2,840,943, 7-1-58, Cl. 41-1.
- Sager, Earl F., and A. N. Tuttle, to Walworth Co. Apparatus for making shell-type molds. 2,843,892, 7-22-58, Cl. 22-20.
- Sager, Mason M.: *See*—
Sager, Bertram W. and M. M. 2,840,943
- Sagerman, Edward: *See*—
Gildart, Lee W. 2,837,618.
- Sagerty, Leonard D. C-clamp with slidable plunger. 2,863,477, 12-9-58, Cl. 144-305.
- Saginaw Machine and Tool Co.: *See*—
Woidka, Frank J. 2,857,716.
- Saginaw Products Corp.: *See*—
Burke, Harold J. 2,847,050.
- Saginaw Wire Products, Inc.: *See*—
Staples, Lynn W. 2,829,880.
- Sagura, John J.: *See*—
Allen, Charles F. H., and Sagura. 2,824,001.
Allen, Charles F. H., and Sagura. 2,843,491.
- Sagura, John J., and C. C. Unruh, to Eastman Kodak Co. Light-sensitive rhodanine esters of maleic anhydride copolymers. 2,824,087, 2-18-58, Cl. 260-78.5.
- Sailer, Max: *See*—
Wagner, Ferdinand, and Sailer. 2,844,081.
- Sallers, George H. Screen and set shoe assembly for wells. 2,833,354, 5-6-58, Cl. 166-205.
- Sailor, Robert W., Jr., to Philco Corp. Gain control system. 2,866,015, 12-23-58, Cl. 179-171.
- Saint Amour, John D., to Assembly Products, Inc. Amplifier circuit using a contact meter. 2,850,683, 9-2-58, Cl. 317-149.
- Saint Amour, John D., and G. E. Hammond, to Assembly Products, Inc. Shock mount and meter casing. 2,861,243, 11-18-58, Cl. 324-156.
- St. Anne's Board Mill Co. Ltd.: *See*—
Thomas, Reginald J., and Smith. 2,821,120.
- Saint-Chamond-Granat: *See*—
Latapie, Marcel. 2,828,481.
- St. Clair, Donald, to Clairdon, Inc. Safety control unit for oil burners and the like. 2,839,129, 6-17-58, Cl. 158-28.
- St. Clair, Donald, to Clairdon, Inc. Photoelectric control unit for oil burners and the like. 2,839,130, 6-17-58, Cl. 158-28.
- St. Clements Press Ltd.: *See*—
Roe, John E. 2,852,990.
- Saint Cornelius The Centurion Chapel of Valley Forge Military Academy: *See*—
Kass, Gus S. 2,840,509.
- Saint, David, to Procter Electric Co. Bread toasters. 2,847,931, 8-19-58, Cl. 99-389.
- Saint, James A., to Canadian Mobile Co. Ltd. Roll clamp for lift truck. 2,821,316, 1-28-58, Cl. 214-653.
- St. Jacques, Claire: *See*—
Kidd, Robert O., and St. Jacques. 2,831,335.
- St. Jean, Bernard: *See*—
Belec, Simeon. 2,819,874.
- St. Joe Machines, Inc.: *See*—
Tammen, Glenn W. 2,860,224.
- St. Joe Paper Co.: *See*—
Armstrong, James E., and Van Zile. 2,822,973.
Wilson, Roy K. 2,838,221.
- St. John, Ercell E.: *See*—
Jacob, Don M., Parode, and St. John. 2,861,179.
- St. John, Ercell E., to Hughes Aircraft Co. Automatic gain control circuit for use with photoconductive devices. 2,843,757, 7-15-58, Cl. 250-214.
- St. John, Harry M., Jr., to United Aircraft Corp. Pitch control servo system for an aeronautical propeller. 2,865,460, 12-23-58, Cl. 170-160.2.
- St. John, James C.: *See*—
Maly, Joe W., and St. John. 2,847,074.
- St. John, Williard M., Jr., and C. A. Uraneck, to Phillips Petroleum Co. Natural rubber vulcanizing composition containing acyl hydrazines as scorch retarders and method of vulcanizing same. 2,851,507, 9-9-58, Cl. 260-780.
- St. Joseph Lead Co.: *See*—
Long, Carleton C., and Najarian. 2,847,294.
Najarian, Herand K. 2,840,466.
- St. Louis Diecasting Corp.: *See*—
Voss, Otto J., and Willhoff. 2,836,982.
- St. Palley, Zoltan O. Apparatus for cleaning pipe lines. 2,845,935, 8-5-58, Cl. 134-57.
- St. Pierre, Eugene, and J. Wawzonek, to Hemphill Co. Circular knitting machine. 2,834,192, 5-13-58, Cl. 66-56.
- St. Pierre, Henry. Joiner link with two part bracing means having stop means thereon. 2,819,586, 1-14-58, Cl. 59-85.
- St. Pierre, Henry. Basin wrench. 2,819,637, 1-14-58, Cl. 81-98.
- St. Pierre, Henry. Rock and trough animal feeder. 2,830,558, 4-15-58, Cl. 119-58.
- St. Pierre, Henry. Tension device. 2,848,217, 8-19-58, Cl. 267-71.
- St. Pierre, Henry. Reinforcing lugs for tire chains. 2,852,057, 9-16-58, Cl. 152-245.
- St. Pierre, Henry. Barn cleaner mechanism. 2,865,493, 12-23-58, Cl. 198-176.
- St. Pierre, Paul L., and J. Wawzonek, to Hemphill Co. Cam assembly for knitting machines. 2,823,529, 2-18-58, Cl. 66-54.
- St. Regis Paper Co.: *See*—
Burroughs, Edwin E. 2,830,506.
Burroughs, Edwin E. 2,837,012.
Hahn, Willard E. 2,845,849.
Murray, Francis L., Jr. 2,825,922.
Peterson, William R. 2,847,955.
Vredenburg, Edric W. 2,853,842.
Weaver, Paul J., and Titchenal. 2,860,848.
Weaver, Paul J., and Titchenal. 2,860,849.
Werberig, Cornelius. 2,849,298.
- Sair, Louis, to The Griffith Laboratories, Inc. Stable pickle liquors for curing meat. 2,823,132, 2-11-58, Cl. 99-222.
- Sair, Louis, to The Griffith Laboratories, Inc. Stable dry curing salt compositions. 2,828,212, 3-25-58, Cl. 99-222.
- Sair, Louis, to The Griffith Laboratories, Inc. Meat processing compound. 2,860,995, 11-18-58, Cl. 99-222.
- Saito, Haruzo, to Astra Merchandise Co., Inc. Novelty gun. 2,836,167, 5-27-58, Cl. 124-27.
- Saives, Leon, to Regie Nationale des Usines Renault. Power-transmissions in particular for motor vehicles. 2,844,974, 7-29-58, Cl. 74-720.
- Saives, Leon, to Regie Nationale des Usines Renault. Mechanism for automatically limiting the speed of turbines driving vehicles by placing the transmission in a neutral position. 2,862,397, 12-2-58, Cl. 74-336.5.
- Sajack, George. Gas demand equipment. 2,860,631, 11-18-58, Cl. 128-142.
- Sakaly, Vytautas, to Bulova Watch Co., Inc. Watch case. 2,845,773, 8-5-58, Cl. 58-90.
- Sakewitz, Edwin G. Cartridge indicating magazine for automatic pistols and other firearms. 2,828,568, 4-1-58, Cl. 42-50.
- Saklad, Meyer, and J. F. Rockett, Jr. High altitude respiration. 2,830,579, 4-15-58, Cl. 128-29.
- Saklad, Meyer, and J. F. Rockett, Jr. Electronically controlled respiratory apparatus. 2,830,580, 4-15-58, Cl. 128-29.
- Sakowski, Walter J., to Olin Mathieson Chemical Corp. Process and apparatus for the catalytic decomposition of alkali metal amalgams. 2,837,408, 6-3-58, Cl. 23-184.
- Sakowski, Walter J., to Olin Mathieson Chemical Corp. Process for purifying mercury. 2,845,344, 7-29-58, Cl. 75-81.
- Sakowski, Walter J., to Olin Mathieson Chemical Corp. Apparatus for separating entrained particles from gases. 2,849,078, 8-26-58, Cl. 183-77.
- Sakres Tarzian, Inc.: *See*—
Roberts, William B. 2,826,725.
- Sakshaug, Eugene C.: *See*—
Hedlund, Roland G. M., and Sakshaug. 2,820,869.
- Sakurai, Takechisa. Gelatin dynamite explosives containing water. 2,847,291, 8-12-58, Cl. 52-5.
- Sakuta, Daniel: *See*—
Lohr, Raymond J., and Sakuta. 2,830,568.
Lohr, Raymond J., and Sakuta. 2,835,495.
- Sakuta, Daniel, and R. J. Lohr, to Louis Marx & Co., Inc. Mounted toy gun. 2,830,569, 4-15-58, Cl. 124-29.
- Saladin, Otto, and W. Frey, to Fabriques de Produits Chimiques de Thann et de Mulhouse. Production of finely divided metal oxides. 2,823,982, 2-18-58, Cl. 23-202.
- Salamovich, George M., to Gilfillan Bros. Inc. Servo overtravel correcting system. 2,860,293, 11-11-58, Cl. 318-28.
- Salomonsson, Gösta J. W., to Svenska Sffiferbolaget. Method of driving holes in bituminous strata. 2,833,516, 5-6-58, Cl. 255-1.8.
- Salamy, Alice M.: *See*—
Salamy, Saad F. 2,859,580.
- Salamy, Saad F., deceased, by A. M. Salamy, administratrix. Rotary reel power mower. 2,859,580, 11-11-58, Cl. 56-26.
- Salansky, Franz A., to Technica Establishment. Piston packings. 2,840,426, 6-24-58, Cl. 309-4.
- Salatiello, Peter P., to Olin Mathieson Chemical Corp. Packaging material. 2,835,595, 5-20-58, Cl. 99-174.
- Salauze, Jean, to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Method of producing sintered plates for galvanic cells. 2,819,962, 1-14-58, Cl. 75-208.
- Salauze, Jean, to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Electrodes for galvanic cells and method of making same. 2,820,077, 1-14-58, Cl. 136-19.
- Salauze, Jean, to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Positive plate for batteries. 2,833,847, 5-6-58, Cl. 136-29.
- Salauze, Jean, to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Deferred action primary cells. 2,852,592, 9-16-58, Cl. 136-90.
- Salch, Anton J. Safety steering shaft. 2,836,079, 5-27-58, Cl. 74-493.
- Salden, Wilhelm, H. Heine, and E. Sander, to Koppers Co., Inc. Valve means for use in quenching incandescent coke produced in coking chamber ovens. 2,852,224, 9-16-58, Cl. 251-25.

- Salditt, Ferdinand, to The Scholl Mfg. Co., Inc. Adhesive tape and method of making the same. 2,861,006, 11-18-58, Cl. 117-7.
- Sale, William H. Floor construction. 2,852,815, 9-23-58, Cl. 20-8.
- Sale, William H., to Klasing Hand Brake Co. Journal boxes for railway car axles. 2,859,072, 11-4-58, Cl. 308-47.
- Salecker, Anton, to International Business Machines Corp. Contact structure. 2,825,857, 3-4-58, Cl. 317-235.
- Salem-Brosius, Inc.: *See*—
Morgan, Sidney T. 2,853,290.
Philips, James M. Re. 24,493.
Scheib, Walter H. 2,850,891.
- Salem Tool Co., The: *See*—
McCarthy, Vincent J., and Adams. 2,864,601.
- Salerno, Joseph R. Vending machine for dispensing frozen confections from bulk containers. 2,851,967, 9-16-58, Cl. 107-8.
- Salfer, Donald G. Portable power drill attachment. 2,821,872, 2-4-58, Cl. 77-14.
- Salamonas, Vytaitas, to Underwood Corp. Adjustable spacer for feed rolls. 2,831,562, 4-22-58, Cl. 197-138.
- Saliba, Edward M., 33 $\frac{1}{2}$ % to W. M. Dillon, and 33 $\frac{1}{2}$ % to W. M. Dillon, trustee. Tape-type slide rule. 2,826,361, 3-11-58, Cl. 233-71.
- Salick, Ralph A. Method of manufacture of buffing disks and bonnets. 2,854,286, 9-30-58, Cl. 300-21.
- Salinger, Hans W. G.: *See*—
Fong, Samuel G., and Salinger. 2,824,253.
- Salinger, Hans W., to International Telephone and Telegraph Corp. Focusing adjusting system. 2,838,600, 6-10-58, Cl. 178-7.2.
- Salisbury, Winfield W., to Zenith Radio Corp. Electromagnetic wave generator. 2,866,917, 12-30-58, Cl. 315-4.
- Salkind, Joseph L. Coiled material dispenser. 2,847,172, 8-12-58, Cl. 242-129.
- Saller, Henry A., to the United States of America as represented by the United States Atomic Energy Commission. Process for producing jacketed bodies. 2,820,751, 1-21-58, Cl. 204-154.3.
- Salley, George L.: *See*—
May, James L. 2,831,451.
- Sallmann, Richard, to Ciba Ltd. Organic compound containing phosphorus and halogen, insecticidal compositions and a method of destroying insects. 2,830,927, 4-15-58, Cl. 167-22.
- Sallmann, Richard, to Ciba Ltd. New compounds containing nitrogen and phosphorus. 2,847,442, 8-12-58, Cl. 260-459.
- Sallmann, Richard, to Ciba Ltd. Method for combating pests and preparations suitable therefor. 2,861,912, 11-25-58, Cl. 167-22.
- Sallmann, Richard, to Ciba Ltd. New halogen and phosphor containing compounds and method for their use. 2,861,914, 11-25-58, Cl. 167-30.
- Sallmann, Richard, and P. Kohler, to Ciba Ltd. New compounds containing phosphorus and sulphur. 2,831,014, 4-15-58, Cl. 260-461.
- Sallmann, Richard, E. Beriger, and M. Geiger, to Ciba Ltd. Pest combating composition and methods employing diformamidine sulfides. 2,853,132, 9-23-58, Cl. 162-22.
- Sallmann, Richard, and P. Kohler, to Ciba Ltd. Process for preparation of alkali salts of O,O-thiophosphoric acid asymmetrical diesters. 2,862,016, 11-25-58, Cl. 260-461.
- Sallou, Jean, to Societe Anonyme des Etablissements Neu. Centrifugal apparatus for the circulation of fluids. 2,845,216, 7-29-58, Cl. 230-127.
- Sallwey, Friedrich W., to Nassovia Maschinenfabrik Hanns Fickert G. m. b. H. Copying machine-tool, in particular milling machine. 2,858,743, 11-4-58, Cl. 90-13.1.
- Sallwey, Friedrich W., and G. Schlapp, to Nassovia Maschinenfabrik Hanns Fickert G. m. b. H. Copying milling machine. 2,831,405, 4-22-58, Cl. 90-13.1.
- Salm, Arthur, Inc.: *See*—
Flocke Willi. 2,826,813.
- Salmon, Benjamin J.: *See*—
Bertin, Jean H., Salmon, and Paris. 2,834,183.
- Salmon, Benjamin T., to General Dynamics Corp. Ramjet wing system for jet propelled aircraft. 2,836,379, 5-27-58, Cl. 244-15.
- Salmon, Dennis R., to International Standard Electric Corp. Interference suppressor units. 2,855,574, 10-7-58, Cl. 333-79.
- Salmon, Leonard. Jig for holding twist drills. 2,859,569, 11-11-58, Cl. 51-219.
- Salmon, Leslie B.: *See*—
Salmon, Reginald D., and L. B. 2,827,511.
- Salmon, Lily. Typewriting and like machines. 2,858,923, 11-4-58, Cl. 197-8.
- Salmon, Oliver N., to United States of America, Atomic Energy Commission. Method of separating hydrogen isotopes. 2,863,526, 12-9-58, Cl. 183-114.2.
- Salmon, Reginald D., and L. B., to Creed and Co. Ltd. Printing telegraph apparatus. 2,827,511, 3-18-58, Cl. 178-2.
- Salmons, Jerome C., to Goodman Mfg. Co. Cutter chain slack takeup mechanism for variable height boring type miner. 2,851,260, 9-9-58, Cl. 262-7.
- Salo, John: *See*—
Shaw, Bernard, and Salo. 2,862,337.
Shaw, Bernard, Salo, and Barclay. 2,862,335.
- Salo, Martin, G. J. Clarke, and J. F. Gallagher, to Eastman Kodak Co. Wood finishing lacquer systems. 2,819,983, 1-14-58, Cl. 117-73.
- Salo, Martin, and H. F. Vivian. Eastman Kodak Co. Washable wallpaper coatings. 2,839,432, 6-17-58, Cl. 117-155.
- Salo, Martin, and G. J. Clarke, to Eastman Kodak Co. Corrosion resisting coatings. 2,843,503, 7-15-58, Cl. 117-85.
- Salomon, Francois, M. M. E. Transmission system adapted to form a torque converter. 2,826,285, 3-11-58, Cl. 192-3.5.
- Salomonsson, Gosta J. W., to Svenska Skifferolje Aktiebolaget. Method for in-situ utilization of fuels by combustion. 2,841,375, 7-1-58, Cl. 262-3.
- Saloranta, Arvo E. and M. E. Coupling devices of mortar-type guns. 2,818,780, 1-7-58, Cl. 89-37.
- Saloranta, Martti E.: *See*—
Saloranta, Arvo E. and M. E. 2,818,780.
- Salter, George, & Co. Ltd.: *See*—
Aston, Horace. 2,821,376.
Ault, Frederick G. 2,863,265.
Bache, John K. 2,851,524.
- Salter, Douglas R.: *See*—
Meeker, William H., and Salter. 2,855,132.
- Salter, Frank S., to The Loewy Engineering Co. Ltd. Hydraulically operated force applying machine having means for balancing induced bending moments in the machine. 2,854,053, 9-30-58, Cl. 153-35.
- Salter, Judson H., Jr. Shirt collars. 2,821,716, 2-4-58, Cl. 2-116.
- Salter Machine Co.: *See*—
Prickett, Wilber W. and M. E. 2,833,443.
- Salter, Manuel L. Camera device to produce improved three-dimensional effects. 2,862,428, 12-2-58, Cl. 95-11.
- Saltz, Fred, and R. L. Street, to International Business Machines Corp. Feed control tape sensing devices. 2,842,248, 7-8-58, Cl. 197-133.
- Saltz, Julian, to Radio Corp. of America. Magnetic core arrays. 2,824,294, 2-18-58, Cl. 340-174.
- Saltz, Morris A. Drapery hook dispensing and inserting apparatus. 2,821,713, 2-4-58, Cl. 1-1.
- Saltzman, Alvin R., and J. M. Rosen. Attenuation device and material therefor. 2,837,720, 6-3-58, Cl. 333-22.
- Saltzman, Alvin R., and J. M. Rosen. Miniature high power, high temperature resistor. 2,860,222, 11-11-58, Cl. 201-63.
- Saltzman, Peter F. Seed planter. 2,855,129, 10-7-58, Cl. 222-361.
- Saluze, Jean, to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Galvanic cell electrodes and method of making the same. 2,820,078, 1-14-58, Cl. 136-19.
- Salvador, Antonio J. Parting agent for molds. 2,823,133, 2-11-58, Cl. 106-38.25.
- Salvador Co., The: *See*—
Sherman, George O., Jr. 2,830,604.
- Salvatore, Joseph E. Elastic band expanding device. 2,840,082, 6-24-58, Cl. 128-303.
- Salvin, Victor S., and R. A. Walker, to Celanese Corp. of America. Anthraquinone dyestuffs. 2,827,356, 3-18-58, Cl. 8-25.
- Salvo, Anthony. Method of cooking potato chips. 2,836,486, 5-27-58, Cl. 99-100.
- Salyer, Ival O., J. A. Herbig, and J. Dazzi, to Monsanto Chemical Co. Polymers of styrene, process for polymerization, and compositions containing same. 2,824,846, 2-25-58, Cl. 260-23.
- Salyer, Ival O., and R. J. Slocombe, to Monsanto Chemical Co. Mineral oil modified polystyrene-polyethylene blend and process of making same. 2,834,746, 5-13-58, Cl. 260-33.6.
- Salyer, Ival O., and J. A. Herbig, to Monsanto Chemical Co. Polymer prepared from styrene monomer containing chlorosulfonated polyethylene and process of making same. 2,834,749, 5-13-58, Cl. 260-30.6.
- Salyer, Ival O., and J. A. Herbig, to Monsanto Chemical Co. Blends of polystyrene and hydrogenated polymers of conjugated diolefins. 2,834,750, 5-13-58, Cl. 260-45.5.
- Salyer, James S. Instantaneous or time delay mercury. 2,831,077, 4-15-58, Cl. 200-33.
- Salyers, Jay H., and S. W. Lewis. Means for mounting advertising placards on publicly displayed devices. 2,822,634, 2-11-58, Cl. 40-125.
- Salzberg, Harold K., and W. B. Kinney, to The Borden Co. Modified protein preparation. 2,860,062, 11-11-58, Cl. 106-146.
- Salzberg, Paul L.: *See*—
Gier, Thurman E., Salzberg, and Young. 2,833,620.
- Salzer, Alexander. Automatic diamond cutting and polishing device. 2,829,472, 4-8-58, Cl. 51-125.
- Salzer, Alexander. Hydroelectric power system. 2,861,195, 11-18-58, Cl. 290-4.
- Salzinger, Carl B.: *See*—
Oberly, Louis A., and Salzinger. 2,842,473.
- Sam, Joseph, to McNeil Laboratories, Inc. Oxygenated indan compounds and method of making the same. 2,820,817, 1-21-58, Cl. 260-490.
- Sam, Sam W. Snap fastener. 2,829,416, 4-8-58, Cl. 24-217.
- Samaras, Socrates. Traction device. 2,830,847, 4-15-58, Cl. 301-44.
- Samaritano, Joseph. Liquid fuel gauge for aircraft. 2,834,211, 5-13-58, Cl. 73-422.

- Sambonet, Mario, to Italo Rizzieri. Electric outlet socket and plug. 2,844,672, 7-22-58, Cl. 200—51.09.
- Sambrano, Adolf. Apparatus for separating solid matter from liquids. 2,834,404, 5-13-58, Cl. 198—224.
- Samco Holding Corp.: *See*—
- Catallo, Frank. 2,864,165.
- Cohn, Samuel and E. Catallo, and J. Cohn. 2,831,233.
- Cohn, Samuel, and Walter. 2,826,167.
- Samer, Rudolf W.: *See*—
- Anderson, William T., Jr., and Samer. 2,817,614.
- Samet, Charles: *See*—
- Cohen, Ruth, and Samet. 2,854,564.
- Samfield, Max M., B. A. Brock, and E. E. Locklair, to Liggett & Meyers Tobacco Co. Composition of matter consisting chiefly of fragmented tobacco and galactomannan plant gum. Re. 24,424, 2-4-58, Cl. 131—17.
- Samfield, Max M., B. A. Brock, and E. E. Locklair, to Liggett & Myers Tobacco Co. Process of converting fragmented tobacco into coherent sheets. 2,845,933, 8-5-58, Cl. 131—110.
- Samos, George, and G. E. King, to Westinghouse Electric Corp. Electrical control circuit. 2,836,770, 5-27-58, Cl. 317—31.
- Samler, Lee F.: *See*—
- Dellheim, Arthur F., and Samler. 2,824,781.
- Samler, Lee F., to The National Plastic Products Co. Screen changing method for conduits and tubes for conveying fluids and for extrusion machines. 2,838,084, 6-10-58, Cl. 146—242.
- Samlowski, Alfred: *See*—
- Hell, Rudolf, and Samlowski. 2,857,460.
- Sammarco, Peter: *See*—
- Carlson, Ernest C., Hilblom, and Sammarco. 2,841,944.
- Hintz, Otto E., and Sammarco. 2,845,769.
- Sammarco, Peter, to International Harvester Co. Conveying and separating mechanism for corn shellers. 2,830,704, 4-15-58, Cl. 209—296.
- Sammarco, Peter, and R. F. Zitko, to International Harvester Co. Shelling and cleaning device for corn pickers. 2,833,287, 5-6-58, Cl. 130—6.
- Samms, Adolphus. Parachute release mechanism. 2,845,241, 7-29-58, Cl. 244—148.
- Samo, Harvey W., to Dial Products Co. Magnetic torque devices. 2,857,030, 10-21-58, Cl. 192—84.
- Samoriga, Stephen O.: *See*—
- Reese, Stanton L., and Samoriga. 2,826,624.
- Sampietro, Achilles C.: *See*—
- Grover, Ross D., and Sampietro. 2,860,735.
- Sampietro, Achilles C., to Thompson Products, Inc. Heat exchanger. 2,819,881, 1-14-58, Cl. 257—6.
- Sampietro, Achilles C. Method and means for rotating valves. 2,824,554, 2-25-58, Cl. 123—90.
- Sampietro, Achilles C., to Thompson Products, Inc. Fulcrum adjuster. 2,824,555, 2-25-58, Cl. 123—90.
- Sampietro, Achilles C., to Thompson Products, Inc. Piston and connecting rod assembly. 2,830,860, 4-15-58, Cl. 309—20.
- Sampietro, Achilles C., to Thompson Products, Inc. Valve rotating device. 2,831,469, 4-22-58, Cl. 123—90.
- Sampietro, Achilles C., to Thompson Products, Inc. Polypush motor control circuit. 2,845,587, 7-29-58, Cl. 318—171.
- Sampietro, Achilles C., to Thompson Products, Inc. Motor assembly having frequency multiplying means. 2,845,588, 7-29-58, Cl. 318—231.
- Sampietro, Achilles C., to Thompson Products, Inc. Valve rotating device. 2,847,981, 8-19-58, Cl. 123—90.
- Sampietro, Achilles C., and J. R. Jeromson, Jr., to Thompson Products, Inc. Power steering and accessory system. 2,850,878, 9-9-58, Cl. 60—97.
- Sampietro, Achilles C., to Thompson Products, Inc. Hydraulic valve lash adjuster. 2,853,984, 9-30-58, Cl. 123—90.
- Sampietro, Achilles C., to Thompson Products, Inc. Electric circuit. 2,860,300, 11-11-58, Cl. 321—45.
- Sampietro, Achilles C., to Thompson Products, Inc. Lash adjuster. 2,863,430, 12-9-58, Cl. 123—90.
- Sampietro, Achilles C., to Thompson Products, Inc. Valve lash adjuster. 2,865,353, 12-23-58, Cl. 123—90.
- Sample, Thomas E., Jr., to Monsanto Chemical Co. Colloidal systems of cyanoethylated starch and their use. 2,836,511, 5-27-58, Cl. 117—65.
- Sample, Thomas E., Jr., to Monsanto Chemical Co. Cyanoethylated starch solutions. 2,836,512, 5-27-58, Cl. 117—65.
- Sample, Thomas E., Jr., to Monsanto Chemical Co. Colloidal systems of cyanoethylated starch and their use. 2,837,438, 6-3-58, Cl. 106—213.
- Sampre S. A. Meccanica Precisione: *See*—
- Fusaroli, Goffredo. 2,862,250.
- Sampsel, Frederick W. Level. 2,822,617, 2-11-58, Cl. 33—70.
- Sampson, Ernest S., to General Electric Co. Apparatus for measuring hardness. 2,834,203, 5-13-58, Cl. 73—81.
- Sampson, Frederick W.: *See*—
- Harris, Edward P., Sampson, and Wall. 2,858,095.
- Sampson, Frederick W., to General Motors Corp. Steering wheel. 2,845,810, 8-5-58, Cl. 74—493.
- Sampson, Frederick W., to General Motors Corp. Sight system for firearms. 2,864,168, 12-16-58, Cl. 33—55.
- Sampson, Frederick W., and A. L. Everitt, to General Motors Corp. Recoil buffer for guns. 2,831,404, 4-22-58, Cl. 89—198.
- Sampson, Frederick W., and S. R. Carson, to General Motors Corp. Windshield wiper arm. 2,847,695, 8-19-58, Cl. 15—255.
- Sampson, Herman J., Jr., to E. I. du Pont de Nemours & Co. High-pressure reaction of carbon monoxide with hydrazine. Re. 24,526, 8-26-58, Cl. 260—554.
- Sampson, Merritt B., to The S-P Mfg. Corp. O-ring seal for rotary hydraulic cylinder. 2,849,241, 8-26-58, Cl. 285—134.
- Sampson, Will D., to Engineering Industries Corp. Medium weight dirt moving machine. 2,841,898, 7-8-58, Cl. 37—168.
- Samsel, Richard W.: *See*—
- Crandell, Robert B., Maulshagen, and Samsel. 2,829,361.
- Janssen, William H., and Samsel. 2,831,175.
- Samsel, Richard W., to General Electric Co. Dynamic balance system. 2,828,626, 4-1-58, Cl. 73—463.
- Samsel, Richard W., to General Electric Co. Electroacoustic transducer. 2,832,058, 4-22-58, Cl. 340—10.
- Samsing, Rolf A. Folded packaging tray blank and tray. 2,821,336, 1-28-58, Cl. 229—42.
- Samsing, Rolf A. Display tray blank and container. 2,851,208, 9-9-58, Cl. 229—23.
- Samsen Apparatebau Akt.-Ges.: *See*—
- Klee, Gerhard. 2,825,308.
- Klee, Gerhard. 2,825,360.
- Samson, Emile. Raker gage for chain saws. 2,855,808, 10-14-58, Cl. 76—36.
- Samson, Ralph L., to Curtiss-Wright Corp. Remote control system for automatic positioning of switches. 2,852,728, 9-16-58, Cl. 318—467.
- Samsensen, Karl: *See*—
- Thone, Karl, Olsen, Karheck, and Samsensen. 2,835,283.
- Samuel, David G., Jr.: *See*—
- Griffith, George L., Jr., and Samuel. 2,860,041.
- Samuel, Donald G., to E. J. Lavino and Co. Refractory brick. 2,853,872, 9-30-58, Cl. 72—35.
- Samuel, George A., to Metal Diffusions, Inc. Method of chromizing. 2,825,658, 3-4-58, Cl. 117—107.
- Samuel, George A., to Metal Diffusions, Inc. Chromizing, adhering coating. 2,836,513, 5-27-58, Cl. 117—103.
- Samuel, George A., to Metal Diffusions, Inc. Container for articles under heat treatment. 2,844,273, 7-22-58, Cl. 220—9.
- Samuel, George A., to Metal Diffusions, Inc. Ductile chromizing. 2,851,375, 9-9-58, Cl. 117—50.
- Samuel, George A., to Metal Diffusions, Inc. Process of impregnating steel with copper-aluminum. 2,851,377, 9-9-58, Cl. 117—130.
- Samuel, George A., to Metal Diffusions, Inc. Method of chromizing ferrous metal. 2,855,332, 10-7-58, Cl. 117—107.
- Samuel, James, to the United States of America as represented by the Secretary of the Army. Thyatron controlled by triggered pulse producer with inactive-time-lapse desensitizing of triggering. 2,826,690, 3-11-58, Cl. 250—27.
- Samuel Stamping & Enameling Co.: *See*—
- Solomon, Ralph E. 2,836,170.
- Samuels, Abe. Swimming and diving device. 2,851,707, 9-16-58, Cl. 9—21.
- Samuels & Co., Inc.: *See*—
- Deppner, Fred W. 2,851,840.
- Samuels, Harry C. Detachable mounting for boat seats. 2,843,348, 7-15-58, Cl. 248—194.
- Samuels, Sherwood C., to Phillips Petroleum Co. Process for preparing feed stock for carbon black production. 2,866,689, 12-30-58, Cl. 23—209.1.
- Samuelsson, Evert, to Aktiebolaget Svenska Flaktfabriken. Device for maintaining the volumetric flow of a gaseous medium constant. 2,850,043, 9-2-58, Cl. 138—45.
- Samuelsson, Evert G., to Aktiebolaget Svenska Flaktfabriken. Device for regulating the flow of a gaseous medium. 2,822,820, 2-11-58, Cl. 137—599.
- Samwald, Hans. Combination signaling device. 2,842,090, 7-8-58, Cl. 116—124.
- San Angelo Die Casting & Mfg. Co.: *See*—
- Cozzens, Larnce P. 2,819,111.
- Sanborn, Charles E., and R. A. Mugele, to Shell Development Co. Curved ducts for transporting suspensions of solids. 2,827,334, 3-18-58, Cl. 302—64.
- Sanborn, Frank E., to E. A. Baer. Resuscitators. 2,865,368, 12-23-58, Cl. 128—142.
- Sanborn, Phillip D., to National Laboratories, Inc. Applicator having compressible plastic holder. 2,825,084, 3-4-58, Cl. 15—210.
- Sanborn, Phillip D., to National Laboratories, Inc. Faucet assembly. 2,833,512, 5-6-58, Cl. 251—214.
- Sanborn, Phillip D., to National Laboratories, Inc. Faucet-gasket unit for drums. 2,837,255, 6-3-58, Cl. 222—538.
- Sanborn, William E.: *See*—
- Ashley, Kenneth D., and Sanborn. 2,859,184.
- Sanctuary, Robert E., to Worcester Valve Co., Inc. Seat ring for a ball valve. 2,858,098, 10-28-58, Cl. 251—315.
- Sand, Donald M.: *See*—
- Schlenk, Hermann, Sand, and Thillotson. 2,827,452.
- Sandalls, Agnes R.: *See*—
- Sandalls, George, Jr., Vibbard, and Wichman. 2,846,507.
- Sandalls, George, Jr., deceased (by A. R. Sandalls, administratrix), E. L. Vibbard, and W. T. Wichman, to Bell Telephone Laboratories, Inc. Pay station telephone system. 2,846,507, 8-5-58, Cl. 179—63.

- Sanden, Grant E., and C. T. Wallis, to General Motors Corp. Windshield wiper blade assembly. 2,859,466, 11-11-58, Cl. 15-245.
- Sandberg, Clifford H. Highway railroad crossing. 2,833,480, 5-6-58, Cl. 238-8.
- Sandberg, Herbert J., to Norden-Ketay Corp. True altitude variation meter. 2,825,227, 3-4-58, Cl. 73-386.
- Sandberg, John N. Automatic toast buttering device. 2,828,714, 4-1-58, Cl. 118-2.
- Sandberg, Nils H. Compasses. 2,824,382, 2-25-58, Cl. 33-222.
- Sandberg, Ray A.: *See*—
Oldberg, Oscar, and Sandberg. 2,834,583.
- Sandberg, Ray A., to The Bingham-Herbrand Corp. Foot operated parking brake assembly. 2,835,139, 5-20-58, Cl. 74-539.
- Sandberg, Robert E.: *See*—
Rosenquist, Paul A., and Sandberg. 2,845,188.
- Sandberg, Robert E., to Royal Metal Mfg. Co. Combination article-supporting and display rack and storage cabinet unit. 2,848,294, 8-19-58, Cl. 312-234.
- Sandberg, Robert N., and L. E. Steimen, to United Shoe Machinery Corp. Practice ammunition rounds. 2,826,145, 3-11-58, Cl. 102-41.
- Sanden, Olof J. Rain protecting device, especially for hatchways on ships. 2,843,273, 7-15-58, Cl. 214-15.
- Sander, Erwin: *See*—
Salden, Wilhelm, Heine, and Sander. 2,852,224.
- Sanders Associates, Inc.: *See*—
Aldrich, Gerard T. 2,826,627.
Bales, Caleb W. 2,860,308.
Best, Ethridge C. 2,846,678.
Butler, Jesse L. 2,821,707.
Butler, Jesse L. 2,822,540.
Butler, Jesse L. 2,848,715.
Butler, Jesse L. 2,864,083.
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Richmond, Martin R. 2,846,676.
Shomphe, George J. 2,839,933.
Shomphe, George J. 2,839,934.
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Sparks, Earl C., Jr. 2,854,621.
Williston, Robert L. 2,822,524.
Wilson, William J. 2,854,543.
- Sanders, Birdie C. Belted undergarments. 2,831,486, 4-22-58, Cl. 128-289.
- Sanders, Charlie A. Electrolyte for storage batteries, and process for producing the same. 2,838,429, 6-10-58, Cl. 136-154.
- Sanders, George E. Process of freezing and packaging food. 2,828,211, 3-25-58, Cl. 99-193.
- Sanders, George R., to W. B. Truslow. Method and apparatus for dehydration of heat sensitive substances. 2,853,796, 9-30-58, Cl. 34-1.
- Sanders, Harold B. Cervical traction device. 2,830,581, 4-15-58, Cl. 128-75.
- Sanders, Jewel T., to Phillips Petroleum Co. Valve for use in a conduit containing carbon black suspended in a gas. 2,820,470, 1-21-58, Cl. 137-237.
- Sanders, John C. Closed-loop acceleration control system. 2,842,108, 7-8-58, Cl. 123-102.
- Sanders, Judson H., to The Procter & Gamble Co. End wrap impregnated with a fatty acid ester of a polyhydric alcohol. 2,839,066, 6-17-58, Cl. 132-46.
- Sanders, Keith L., Jr., to North American Aviation, Inc. Minimum time delay magnetic amplifier. 2,820,943, 1-21-58, Cl. 323-89.
- Sanders, Keith L., Jr., to North American Aviation, Inc. Thyatron controlled magnetic amplifier having a reversible-polarity direct-current output. 2,855,560, 10-7-58, Cl. 321-25.
- Sanders, Lee O.: *See*—
Riggs, William L., Sharp, and Sanders. 2,854,740.
- Sanders, Leon D., to Systematic Parking Co. Automobile parking apparatus. 2,845,189, 7-29-58, Cl. 214-16.1.
- Sanders, Paul L., and F. E. and R. G. Haley. Slab door. 2,839,792, 6-24-58, Cl. 20-35.
- Sanders, Philip F., to E. I. du Pont de Nemours and Co. Coating compositions comprising polytetrafluoroethylene and phenol aldehyde, and article coated therewith. 2,825,706, 3-4-58, Cl. 260-14.
- Sanders, Philip F., to E. I. du Pont de Nemours and Co. Process of preparing aqueous dispersion of an acrylonitrile interpolymer and a thermosetting resin and product obtained. 2,866,763, 12-30-58, Cl. 260-29.3.
- Sanders, Robert G.: *See*—
Fosdick, Leonard S., Read, Sanders, and Edwards. 2,837,463.
- Sanders, Roy Y., Jr. Marked pharmaceutical tablet and method of marking the same. 2,865,810, 12-23-58, Cl. 167-82.
- Sanders, Royden C., Jr., and W. R. Mercer, to Raytheon Mfg. Co. Echo transmitter and receiver having means to produce stable intermediate frequency despite transmitter frequency drift. 2,863,042, 12-2-58, Cl. 250-13.
- Sanders, Thomas A., and F. Kahn. Method for compression splicing of wires. 2,821,011, 1-28-58, Cl. 29-155.55.
- Sanders, Vaughn A., to Pigeon Hole Parking, Inc. Platform leveling mechanism. 2,848,069, 8-19-58, Cl. 187-76.
- Sanders, William J.: *See*—
Weber, Victor, and Sanders. 2,855,486.
- Sanderson, James C.: *See*—
Weingart, Richard I. N., and Sanderson. 2,831,509.
- Sanderson, Kenneth E., and H. N. Thibault, to Draper Corp. Loom stopping means. 2,829,679, 4-8-58, Cl. 139-336.
- Sanderson, Martin I.: *See*—
Shaw, Hugh H., Sanderson, and Bradshaw. 2,821,827.
Shaw, Hugh H., Sanderson, and Bradshaw. 2,825,573.
Shaw, Hugh H., Sanderson, and Bradshaw. 2,855,741.
- Sanderson, Richard I., and R. G. Trefts. Outboard motor mounting clamp locking device. 2,858,690, 11-4-58, Cl. 70-58.
- Sanderson, Thomas F., and L. A. Subluskey, to Hercules Powder Co. Triethylenically unsaturated octahydro-7-isopropyl-1,4b-dimethyl-1-phenanthrenecarboxylic acid. 2,854,478, 9-30-58, Cl. 260-514.5.
- Sanderson, William M., to The Goodyear Tire & Rubber Co. Method for tire puncture repair. 2,866,494, 12-30-58, Cl. 154-14.
- Sanderson, Winfred R. Universal joint. 2,833,130, 5-6-58, Cl. 64-17.
- Sandgänger, Karl. Conveyor with coating conveyor belt. 2,861,673, 11-25-58, Cl. 198-165.
- Sandhage, Ellsworth R.: *See*—
Taylor, Arthur S., and Sandhage. 2,850,859.
- Sandhage, Ellsworth R., and R. L. Burkhardt, to American Cyanamid Co. Multiple dose disposable syringe. 2,861,571, 11-25-58, Cl. 128-218.
- Sandhoff, Allan G.: *See*—
Bohn, James N., and Sandhoff. 2,858,289.
- Sandiford, Burton B., and H. F. Keller, Jr., to Union Oil Company of California. Secondary recovery of petroleum. 2,827,964, 3-25-58, Cl. 166-9.
- Sandiford, R. E., to Consolidated Electrodynamics Corp. Variable ring counter. 2,840,708, 6-24-58, Cl. 250-27.
- Sandiford, Robert E., to Consolidated Electrodynamics Corp. Switching network. 2,864,075, 12-9-58, Cl. 340-147.
- Sandin, Jerome: *See*—
Grissinger, George G., Sandin, and Lindstrom. 2,824,925.
- Sandin, Jerome, to Westinghouse Electric Corp. Reclosing circuit breaker. 2,836,769, 5-27-58, Cl. 317-22.
- Sandler, Harold: *See*—
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De Witt, David, Sandler, and Wittenberg. 2,863,066.
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- Sandlin, Elmore L., and M. M. Smith. Governor for internal combustion engines. 2,859,740, 11-11-58, Cl. 123-108.
- Sandner, Walter J.: *See*—
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Fierce, William L., and Sandner. 2,864,851.
- Sandock, Louis F. Bed elevating device. 2,830,303, 4-15-58, Cl. 5-63.
- Sandor, Aurelius, to Sylvania Electric Products Inc. Cathode ray tube. 2,860,271, 11-11-58, Cl. 313-77.
- Sandor, Aurelius, to Sylvania Electric Products, Inc. Cathode ray tube. 2,866,919, 12-30-58, Cl. 315-21.
- Sandoval, Alberto: *See*—
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- Sandoz A. G.: *See*—
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Guenthard, Jacques, and Roth. 2,844,597.
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- Bretscher, Ernst, and Hemmi. 2,822,312.
- Byland, Hans-Rudolf. 2,835,662.
- Byland, Hans-Rudolf. 2,842,538.
- Byland, Hans-Rudolf. 2,842,539.
- Gutzwiller, Ernst, and Brunner. 2,848,462.
- Ischer, Hans, and Schneider. 2,824,866.
- Ischer, Hans, and Schneider. 2,861,985.
- Iselin, Ernst, and Wehrli. 2,858,362.
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- Maderni, Piero. 2,848,446.
- Maderni, Piero, Ruckstuhl, and Steinemann. 2,821,524.
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- Merian, Ernst. 2,830,043.
- Merian, Ernst. 2,866,678.
- Merian, Ernest, Nicolaus, and Wehrli. 2,831,850.
- Neier, Reinhard. 2,839,520.
- Neier, Reinhard, Pettitjean, and Wehrli. 2,824,095.
- Peter, Albin, and Wydlar. 2,839,540.
- Ruckstuhl, Hans. 2,848,445.
- Ruckstuhl, Hans. 2,864,814.
- Stoll, Arthur, Angliker, Barfuss, and Kussmaul. 2,860,086.
- Thummel, Ludwig, Metzger, and Guenthard. 2,843,448.
- Sandretto, Peter C., to International Telephone and Telegraph Corp. Meteorological radar. 2,822,536, 2-4-58, Cl. 543-11.

- Sands, Donald J.: *See*—
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- Sands, Eugene A. Logical computing element. 2,846,593, 8-5-58, Cl. 307-88.
- Sands, Hillard J., to The Harvard Mfg. Co. Bedframe having special end plate and cross rail means therein. 2,842,782, 7-15-58, Cl. 5-282.
- Sands, Roy G., to General Telephone Laboratories, Inc. Flash shield. 2,826,661, 3-11-58, Cl. 200-133.
- Sands, Thoburn P., J. B. Davis, and E. P. Cunningham, to Monsanto Chemical Co. Lubricant. 2,850,452, 9-2-58, Cl. 252-32.7.
- Sands, William J., to Westinghouse Air Brake Co. Brake cylinder latch arrangement for empty and load brake equipment. 2,824,768, 2-25-58, Cl. 303-6.
- Sandstrom, Stephen C. Envelope opening means. 2,858,971, 11-4-58, Cl. 229-86.
- Sandt, Bernd W., to E. I. du Pont de Nemours and Co. Bonding polytetrafluoroethylene resins. 2,833,686, 5-6-58, Cl. 154-139.
- Sandvig, Talbert O. Plant, vine or tree holder. 2,862,334, 12-2-58, Cl. 47-47.
- Sandvik Steel, Inc.: *See*—
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- Sandvikens Jernverks Aktiebolag: *See*—
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Lofqvist, Bengt E. K., and Ebermann. 2,849,839.
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- Sanford, Arthur C. Grip plate for truss. 2,827,676, 3-25-58, Cl. 20-92.
- Sanford, Emil, to Allen B. Du Mont Laboratories, Inc. Multi-gun cathode ray tube. 2,829,291, 4-1-58, Cl. 313-70.
- Sanford, Emil E., to Allen B. Du Mont Laboratories, Inc. Frequency divider circuit. 2,820,899, 1-21-58, Cl. 250-36.
- Sanford, Mable M. Support for telephone hand set. 2,822,433, 2-4-58, Cl. 179-157.
- Sanford, Marcus E., to Fibreboard Paper Products Corp. Method and apparatus for treatment of waste paper stock. 2,859,110, 11-4-58, Cl. 92-20.
- Sanford Process Co., Inc.: *See*—
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Ernst, Robert. 2,855,351.
Ernst, Robert. 2,855,352.
- Sanford, Robert A., to Sinclair Refining Co. Process for preparing chloro-2,3,4-trimethylpentanes. 2,820,069, 1-14-58, Cl. 260-663.
- Sanford, Robert C., to Bell Telephone Laboratories, Inc. Automatic picture size control. 2,856,560, 10-14-58, Cl. 315-27.
- Sanford, Roy S., to R. S. Sanford, R. H. Casler, J. O. Eames, W. A. Eaton, and E. D. Sedergren. Liquid cooled brake with copper friction surfaces. 2,821,271, 1-28-58, Cl. 188-264.
- Sanford, Roy S., and J. O. Eames, to R. S. Sanford, R. H. Casler, J. O. Eames, W. A. Eaton, and E. D. Sedergren. Fluid pressure brake system. 2,821,272, 1-28-58, Cl. 188-264.
- Sanford, Roy S., and J. O. Eames, to R. S. Sanford, R. H. Casler, J. O. Eames, W. A. Eaton, and E. D. Sedergren. Fluid pressure brake system. 2,821,273, 1-28-58, Cl. 188-264.
- Sangamo Electric Co.: *See*—
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Holtz, Frederick C., Lamphier, and Leach. 2,858,983.
- Sangdahl, George S., Jr., to Chicago Bridge & Iron Co. Cladding assembly with internal cover plate. 2,847,756, 8-19-58, Cl. 29-470.9.
- Sanitary Products Corp.: *See*—
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- Sanitary Scale Co.: *See*—
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- Sanker, John O. Lithographic press dampening mechanism for spraying desensitizing liquid on lithographic plates. 2,853,004, 9-23-58, Cl. 101-148.
- Sankey, Edward L.: *See*—
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- Sankey, Edward L., to McGraw-Edison Co. Fuse cutout construction. 2,836,679, 5-27-58, Cl. 200-114.
- Sankovich, Stanley: *See*—
Guss, William A., and Sankovich. 2,840,367.
- Sannecke, Herbert, and H. Schnell, to Farbenfabriken Bayer Akt. Process for producing synthetic resin artificial dentures with linings. 2,848,750, 8-26-58, Cl. 18-55.1.
- Sanner, George E., to United States of America, Air Force. New type electronics tube. 2,842,673, 7-8-58, Cl. 250-83.3.
- Sanner, Thomas S. Fork for the sanitary preparation of food-stuffs. 2,844,871, 7-29-58, Cl. 30-129.
- Sano Corp.: *See*—
Sano, Nick. 2,821,879.
- Sano, Nick, to Sano Corp. Audio wave "pick-up" for use on musical instruments. 2,821,879, 2-4-58, Cl. 84-1.04.
- Sansalone, Frank J., and S. Weisbaum, to Bell Telephone Laboratories, Inc. Field displacement isolator. 2,834,946, 5-13-58, Cl. 333-81.
- Sanscrainter, Clarence C., to Blaw-Knox Co. Density controller for evaporators. 2,850,086, 9-2-58, Cl. 159-44.
- Sanseverinatti, Joseph. Sewing method and apparatus. 2,849,976, 9-2-58, Cl. 112-162.
- Sansotta, Domenick A. M. Remote control for television and radio apparatus. 2,835,736, 5-20-58, Cl. 179-1.
- Sansum, Robert D.: *See*—
Merriman, Horace B., and Sansum. 2,864,267.
- Sant Angelo, Michael A., to Sperry Rand Corp. Data transmission and control system. 2,819,438, 1-7-58, Cl. 318-28.
- Santarelli, Vincent. Garden duster. 2,835,413, 5-20-58, Cl. 222-175.
- Santay, William, to American Cyanamid Co. Preparation of phosphate esters. 2,863,902, 12-9-58, Cl. 260-461.
- Santeler, Donald J., to General Electric Co. Ion vacuum pump. 2,841,324, 7-1-58, Cl. 230-69.
- Santesson, Carl G. Wheel aligning apparatus. 2,852,857, 9-23-58, Cl. 33-203.12.
- Santi, Harris H., to Electronic Reproducers, Inc. Acoustical enclosure to stimulate organ tones. 2,487,081, 8-12-58, Cl. 181-31.
- Santini, Danilo: *See*—
James, William F., and Santini. 2,827,981.
Suozzo, John, and Santini. 2,827,980.
- Santini, Danilo, to Westinghouse Electric Corp. Elevator systems. 2,847,089, 8-12-58, Cl. 187-29.
- Santini, Danilo, and J. Suozzo, to Westinghouse Electric Corporation. Elevator control system. 2,826,270, 3-11-58, Cl. 187-29.
- Santini, Danilo, and J. Suozzo, to Westinghouse Electric Corp. Elevator system having plural modes of operation. 2,827,982, 3-25-58, Cl. 187-29.
- Santini, Danilo, and G. Macredis, to Westinghouse Electric Corp. Elevator systems. 2,840,189, 6-24-58, Cl. 187-29.
- Santini, Danilo, and M. Fink, to Westinghouse Electric Corp. Leveling elevator systems. 2,847,091, 8-12-58, Cl. 187-29.
- Santino, Joseph E., to Universal Bindery Co. Binder. 2,833,656, 5-6-58, Cl. 281-17.
- Santmyer, Philip H., and S. A. Heininger, to Monsanto Chemical Co. Aromatic propionitrile nematocidal compositions and method of using same. 2,819,197, 1-7-58, Cl. 167-30.
- Santonil, Ermenegildo. Photogrammetric plotting apparatus. 2,847,906, 8-19-58, Cl. 88-29.
- Santoro, John L. Golf club guide. 2,840,379, 6-24-58, Cl. 273-192.
- Santos, Alice: *See*—
Santos, Miguel H. 2,820,631.
- Santos, John R. L., to William E. Hooper and Sons Co. Dryer felt. 2,854,032, 9-30-58, Cl. 139-411.
- Santos, Miguel H., to Santos. Tape dispenser. 2,820,631, 1-21-58, Cl. 270-86.
- Sapé Roch, Juan. Footstep bearing for vertical revolving shafts of high speed. 2,820,680, 1-21-58, Cl. 308-156.
- Saphier, Michael C., to Lincoln Metal Products Corp. Dispenser and shelf. 2,858,086, 10-28-58, Cl. 242-55.4.
- Sapoff, Meyer, and R. S. Goodyear, to Victory Engineering Corp. Hypsometers. 2,832,219, 4-29-58, Cl. 73-384.
- Sapp, Elton L. Connected tables. 2,836,475, 5-27-58, Cl. 311-4.
- Sapp, John P., to The B. F. Goodrich Co. Tire building machinery. 2,818,907, 1-7-58, Cl. 154-9.
- Sapper, David I., to E. I. du Pont de Nemours and Co. An oriented heat-set polyethylene terephthalate film coated with a plasticized nitrocellulose resin containing a sulfonamide-aldehyde resin. 2,824,019, 2-18-58, Cl. 117-7.
- Sapper, Frank G., and H. H. Vermeine, to Belden Mfg. Co. Electrical connector. 2,866,172, 12-23-58, Cl. 339-195.
- Sapnev, Harold E., and B. Aistadt. Removable dental bridge. 2,826,814, 3-18-58, Cl. 32-5.
- Sapphire Products, Inc.: *See*—
Morse, Henry E., and Nelson. 2,826,174.
- Saraga, Wolja: *See*—
Grabau, Joachim J. A., and Saraga. 2,820,950.
- Sarah, Thomas F., to The Enterprise Mfg. Co. Free spool fishing reel. 2,859,924, 11-11-58, Cl. 242-84.54.
- Saranac Machine Co.: *See*—
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Newhouse, Walter F., Lassfolk, and Smith. 2,862,207.
- Sarasin, Serge: *See*—
Miskel, John J., Abbe, Sarasin, and Thulke. 2,841,937.
- Sarazin, Jean L., S. A. Frachia, and M. Moneynon. Electrodes for arc welding of special steel. 2,861,013, 11-18-58, Cl. 117-207.
- Sarbach, Donald V., to The B. F. Goodrich Co. Method of making moisture vapor permeable and water resistant rubbery materials. 2,826,509, 3-11-58, Cl. 117-10.
- Sarbach, Donald V., and P. G. Roger, to The B. F. Goodrich Co. Fire resistant composition of silicate, refractory and nitrile type rubber and article containing the same. 2,821,514, 1-28-58, Cl. 260-29.7.
- Sarchet, Thomas H. Trailer body house and chassis. 2,834,599, 5-13-58, Cl. 280-30.
- Sardeson, Robert: *See*—
Kallenberg, Karl J., and Sardeson. 2,831,979.
- Sardeson, Robert, and E. C. Winter, to Pako Corp. Liquid measuring device. 2,850,210, 9-2-58, Cl. 222-58.
- Sarett, Lewis H.: *See*—
Arth, Glen E., Poos, and Sarett. 2,842,557.
Arth, Glen E., Poos, and Sarett. 2,864,818.
Arth, Glen E., Poos, and Sarett. 2,864,819.
Beyler, Roger E., and Sarett. 2,866,799.
Brink, Norman G., Ham, Harman, and Sarett. 2,847,425.
Harman, Robert E., Brink, Ham, and Sarett. 2,847,412.

- Sarett, Lewis H., to Merck & Co., Inc. Steroid 21-aldehydes. 2,846,456, 8-5-58, Cl. 260—397.45.
- Sarett, Lewis H., to Merck & Co., Inc. 1-alkoxy ethynyl-2-alkenyl dodecahydrophenanthrene compounds. 2,853,496, 9-23-58, Cl. 260—340.9.
- Sarett, Lewis H., to Merck & Co., Inc. $\Delta^{4,7,3,20}$ -diketo-17-hydroxy-11,21-bis-oxygenated pregnadienes and processes of preparing the same. 2,859,223, 11-4-58, Cl. 260—397.45.
- Sarett, Lewis H., G. I. Poos, and W. F. Johns, to Merck & Co., Inc. $\Delta^{5,10}$ -3-Ethylenedioxy-pregnadiene-11,20-dione and process therefor. 2,837,516, 6-3-58, Cl. 260—239.55.
- Sarett, Lewis H., H. D. Brown, and A. R. Matzuk, to Merck & Co., Inc. 21-azido steroids of the pregnane series and process for preparing same. 2,853,486, 9-23-58, Cl. 260—239.5.
- Sarff, Forest M. Power driven metal can opener. 2,824,366, 2-25-58, Cl. 30—4.
- Sargeant, Homer I.: *See—*
Tyler, Vernal M., Gray, and Sargeant. 2,846,869.
- Sargeant, Homer I., to Hughes Aircraft Co. Compression type accelerometer. 2,824,243, 2-18-58, Cl. 310—8.1.
- Sargeant, Walter E.: *See—*
Martin, Edward J., and Sargeant. 2,833,985.
- Sargeant, Walter E., to General Motors Corp. Low voltage electrical motive means. 2,829,324, 4-1-58, Cl. 318—128.
- Sargeant, Michael J.: *See—*
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- Sargent, Albert M. File box. 2,860,810, 11-18-58, Cl. 220—41.
- Sargent & Co.: *See—*
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Shaw, Herbert G., and Kulbersh. 2,818,722.
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- Sargent, Edward J., to Sargent Rodless Pump Co. Hydraulic well pump. 2,821,141, 1-28-58, Cl. 103—46.
- Sargent & Greenleaf, Inc.: *See—*
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- Sargent, James L., Jr.: *See—*
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- Sargent Rodless Pump Co.: *See—*
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- Sargent, Wilfred S., to Under-Wonder Co. Fishing lure. 2,828,572, 4-1-58, Cl. 43—42.39.
- Sargisson, Robert L.: *See—*
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- Sargisson, Robert L., and F. E. Wood, to General Telephone Laboratories, Inc. Dial mounting. 2,819,355, 1-7-58, Cl. 179—178.
- Sargisson, Robert L., and F. E. Wood, to General Telephone Laboratories, Inc. Mountings for telephone handsets. 2,826,641, 3-11-58, Cl. 179—100.
- Sarka, Albert J., to Wean Equipment Corp. Coil handling mechanism. 2,822,139, 2-4-58, Cl. 242—79.
- Sarka, Albert J., to Wean Equipment Corp. Apparatus for treating strip and the like. 2,827,962, 3-25-58, Cl. 164—49.
- Sarka, Albert J., to Wean Equipment Corp. Variable speed transmission. 2,838,947, 6-17-58, Cl. 74—394.
- Sarka, Albert J., to Wean Equipment Corp. Shearing sheets from continuously advancing strip. 2,857,966, 10-28-58, Cl. 164—12.
- Sarka, Albert J., to Wean Equipment Corp. Apparatus for treating strip and the like. 2,865,450, 12-23-58, Cl. 164—49.
- Sarkes Tarzian, Inc.: *See—*
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Krepps, James E., Jr. 2,860,312.
Lewis, Chalmers H., Jr. 2,843,683.
Meadows, Stanley R., Lewis, and Pearson. 2,824,957.
- Sarlandt, Oscar L. Reinforced tool handle attachment. 2,837,381, 6-3-58, Cl. 306—32.
- Sarmiento, Venecio, to Bank Building & Equipment Corp. of America. Desk. 2,823,970, 2-18-58, Cl. 312—194.
- Sarno, Amedeo J. Method of producing a cutting die. Re. 24,450, 4-1-58, Cl. 76—107.
- Sarno, Amedeo J., $\frac{1}{2}$ to F. J. Page. Method of making die-cutting apparatus. 2,821,871, 2-4-58, Cl. 76—107.
- Sarnoff, Edward B. Storing, display and carrying container. 2,837,266, 6-3-58, Cl. 229—47.
- Sarnoff, Stanley J., and D. M. Potter, to Potter Pharmaceutical Corp. Hypodermic injector. 2,832,339, 4-29-58, Cl. 128—218.
- Sarnoff-Williams, L. Camera Corp.: *See—*
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- Sarong Inc.: *See—*
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- Sarpsborg Elektriske Fabrikker, Sefa A/S: *See—*
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- Sarratt, Everett R., to Clevite Corp. Magnetic record reproduction. 2,839,615, 6-17-58, Cl. 179—100.2.
- Sarrazin, Paul: *See—*
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- Sarring, Ernest J., O. Kile, and T. W. Mayer, to R. R. Donnelley & Sons Co. Integrated imprinting and labelling machine. 2,843,283, 7-15-58, Cl. 216—1.
- Sarro, Silvio. Recessed toilet tissue roll holder. 2,819,852, 1-14-58, Cl. 242—55.53.
- Sarro, Silvio. Snap-in bar for toilet tissue rolls. 2,858,994, 11-4-58, Cl. 242—55.2.
- Sarro, Silvio. Toilet tissue roll holder. 2,858,995, 11-4-58, Cl. 242—55.3.
- Sarro, Silvio. Toilet tissue roll holder. 2,861,751, 11-25-58, Cl. 242—55.3.
- Sarti, Joseph. Metal button and its method of manufacture. 2,834,235, 5-13-58, Cl. 79—3.
- Sarto, Jorma O., to Chrysler Corp. Liquid fuel and air pumping unit. 2,819,588, 1-14-58, Cl. 60—39.2.
- Sarto, Jorma O., to Chrysler Corp. Low pressure fuel injection system. 2,863,433, 12-9-58, Cl. 123—119.
- Sartori, Osvaldo F. Canopy for boats. 2,823,684, 2-18-58, Cl. 135—6.
- Sartoris, Carlton R.: *See—*
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- Sarver, Carter L. Connection facilitating trailer hitch. 2,859,981, 11-11-58, Cl. 280—477.
- Sasaki, Yozo: *See—*
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- Sass, Karl, to International Standard Electric Corp. Telephone exchange circuit. 2,830,126, 4-8-58, Cl. 179—27.
- Sass, Karl, and K. Klinkhammer, to International Standard Electric Corp. Circuit arrangement for final selectors with three line groups arranged in one plane. 2,821,574, 1-28-58, Cl. 179—18.
- Sassaman, Walter R., and S. Teiser, to Microlex Corp. Reading apparatus. 2,847,901, 8-19-58, Cl. 88—24.
- Sasse, Gunter, $\frac{1}{2}$ to J. Stachowicz and $\frac{1}{2}$ to O. Benecke. Door closing device. 2,834,039, 5-13-58, Cl. 16—51.
- Sassella, Charles E. A.: *See—*
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- Sasserson, Curtis F., and H. A. Johnson, to Pennsylvania Furnace and Iron Co. Valve structure for tanks. 2,840,337, 6-24-58, Cl. 251—86.
- Sasserson, Curtis F., and H. A. Johnson, to Pennsylvania Furnace and Iron Co. Cargo tank. 2,861,708, 11-25-58, Cl. 220—22.
- Sassmanhausen, Lee C. Gas burner for space heating. 2,822,867, 2-11-58, Cl. 158—115.
- Sassmanhausen, Lee C. Gas burner for space heating. 2,855,988, 10-14-58, Cl. 158—113.
- Satchell, Clarence G., to Hoffman Electronics Corp. Limit stop system or the like. 2,838,625, 6-10-58, Cl. 200—47.
- Satem S. A. Societe Anonyme: Societe d'Application Technique d'Emballages Modernes: *See—*
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- Sato, Ichior: *See—*
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- Sato, Shigeo. Wireless direction-finder. 2,820,219, 1-14-58, Cl. 343—118.
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- Satosky, Julius L., to The Eastern Venetian Blind Co. Venetian blind. 2,821,247, 1-28-58, Cl. 160—176.
- Satre, Leland H.: *See—*
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- Satterfield, Walter R., to Armco Steel Corp. Refractory and method. 2,846,324, 8-5-58, Cl. 106—44.
- Satterly, Kenneth P., to Standard Brands Inc. Manufacture of sizing. 2,831,853, 4-22-58, Cl. 260—233.3.
- Satterthwaite, Robert W., to Corn Products Refining Co. Process of making starch mobile and hydrophobic. 2,852,404, 9-16-58, Cl. 106—211.
- Satterthwaite, Cameron B., to E. I. du Pont de Nemours and Co. Filament formation from polymeric dispersions. 2,824,780, 2-25-58, Cl. 18—54.
- Sattler, Emil, to Koppers Co., Inc. Process for purification of benzene. 2,856,443, 10-14-58, Cl. 260—674.
- Sattler, Frank A., and S. H. Langer, to Westinghouse Electric Corp. Polyesteramide-siloxane resin and insulated product prepared therefrom. 2,821,517, 1-28-58, Cl. 260—45.4.
- Satz, William, to H. H. Kahn. Bottle closure. 2,865,525, 12-23-58, Cl. 215—45.
- Saubestre, Edward B.: *See—*
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- Saubestre, Edward B., and E. R. Bowerman, to Sylvania Electric Products Inc. Electropolishing nickel. 2,829,098, 4-1-58, Cl. 204—140.5.
- Saucedo, Julian A., to Hoffman Electronics Corp. Distance digital display or the like. 2,847,568, 8-12-58, Cl. 250—27.
- Saucy, Gabriel: *See—*
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Isler, Otto, Montavon, Ruegg, Saucy, and Zeller. 2,827,482.
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- Saudinaitis, Emanuel: *See—*
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- Sauer, Alfred B.: *See—*
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- Sauer, Charles E., to Highland Box Co. Polygonal paperboard boxes. 2,819,833, 1-14-58, Cl. 229—41.
- Sauer, Charles W., to Arthur D. Little, Inc. Process for the preparation of nitramines. 2,856,429, 10-14-58, Cl. 260—583.

- Sauer, Christian H. Vehicle stabilizing system and method. 2,849,224, 8-26-58, Cl. 267-8.
- Sauer, Edgar, to Zeiss Ikon A. G. Stuttgart. Device for securing exchangeable objectives to a photographic camera. 2,830,513, 4-15-58, Cl. 95-64.
- Sauer, Frederick: *See*—
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- Sauer, Hans, to R. T. Maloney. Polarized relay. 2,825,783, 3-4-58, Cl. 200-93.
- Sauer, Hans, to General Telephone Laboratories, Inc. Rotary relay. 2,827,530, 3-18-58, Cl. 200-104.
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Howk, Benjamin W., and Sauer. 2,859,214.
- Sauer, John C., to E. I. du Pont de Nemours and Co. Dilactones and their preparation from carbon monoxide and acetylenes. 2,840,570, 6-24-58, Cl. 260-343.6.
- Sauer, John C., to E. I. du Pont de Nemours and Co. Hydrogenation process for preparing 1,8-octanedioic acids from certain dilactones with a platinum catalyst. 2,840,609, 6-24-58, Cl. 260-537.
- Sauer, John C., to E. I. du Pont de Nemours and Co. Endo-bridge dilactones and preparation thereof. 2,859,220, 11-4-58, Cl. 260-343.3.
- Sauer, John F., to The Texas Co. Tandem valve arrangement for use with an eductor defueling system. 2,864,410, 12-16-58, Cl. 141-119.
- Sauer, Lloyd A., to Display Corp. Illuminated signs. 2,850,823, 9-9-58, Cl. 40-130.
- Saerman, Edward E. Clothesline clamp. 2,840,874, 7-1-58, Cl. 24-137.
- Saul & Co.: *See*—
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Byland, Hans-Rudolf. 2,842,539.
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- Saul, Franz, to W. Hein. Chamber spark-plugs with multiple ignition and center electrode. 2,823,329, 2-11-58, Cl. 313-141.
- Saul, George A.: *See*—
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- Saul, George A., and P. C. Hamm, to Monsanto Chemical Co. Preparation of mixed anhydrides of phosphoramidic acids. 2,848,492, 8-19-58, Cl. 260-545.
- Saulnier, Raymond. Removable yoke-pin with hand-actuated locking means. 2,827,317, 3-18-58, Cl. 287-100.
- Saulnier, Theodore A., Jr., to Radio Corp. of America. Method of manufacturing electron sensitive mosaic screens. 2,865,784, 12-23-58, Cl. 117-33.5.
- Sauls, Thomas W.: *See*—
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Norwood, Samuel L., and Sauls. 2,838,564.
- Sauls, Thomas W., to Tennessee Corp. Separation of isomers of dihydroxy diphenyl sulfone. 2,833,828, 5-6-58, Cl. 260-907.
- Saums, Harry L., to Anaconda Wire and Cable Co. Insulation of electrical devices. 2,856,547, 10-14-58, Cl. 310-45.
- Saunders, Alfred P., to Wildt and Co. Ltd. Circular knitting machines of the superimposed needle cylinder type. 2,820,354, 1-21-58, Cl. 66-14.
- Saunders, Alfred P., to Wildt and Co. Ltd. Control mechanisms for knitting machines. 2,841,970, 7-8-58, Cl. 66-155.
- Saunders, Alfred P., to Wildt and Co. Ltd. Loop transfer mechanism for knitting machines. 2,864,247, 12-16-58, Cl. 66-24.
- Saunders, Charles A. Target with projectile stop. 2,819,903, 1-14-58, Cl. 273-102.4.
- Saunders, Clarence, deceased, by P. H. Saunders, administratrix, to P. H. Saunders. Registering key for mechanical stores. 2,820,591, 1-21-58, Cl. 235-1.
- Saunders, Earle R.: *See*—
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- Saunders, Edward R., Jr., to United States of America, Commerce. Biased peaker strip energy control system for betatrons and synchrotrons. 2,855,511, 10-7-58, Cl. 250-27.
- Saunders, George A., to Barnes Drill Co. Honing element. 2,823,498, 2-18-58, Cl. 51-204.
- Saunders, George H.: *See*—
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- Saunders, Harry B. Adjustable height gurney. 2,833,587, 5-6-58, Cl. 296-20.
- Saunders, Henry J. H.: *See*—
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- Saunders, James H., to Monsanto Chemical Co. Resinous adhesive materials. 2,824,856, 2-25-58, Cl. 260-77.5.
- Saunders, James H., to Monsanto Chemical Co. Resinous condensation products of a glycol, a diamine and a urea or derivative thereof. 2,828,291, 3-25-58, Cl. 260-77.5.
- Saunders, John M. Lap table for reading and writing. 2,826,857, 3-18-58, Cl. 45-80.
- Saunders, Kenneth W.: *See*—
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- Saunders, Kenneth W., E. M. Smolin, and J. E. Longfield, to American Cyanamid Co. Purification of non-converted material in the catalytic cracking of diarylalkanes. 2,846,479, 8-5-58, Cl. 260-650.
- Saunders, Kenneth W., and E. M. Smolin, to American Cyanamid Co. Cracking of 1,1-diarylethanes to substituted styrenes. 2,864,872, 12-16-58, Cl. 260-650.
- Saunders, Myron G.: *See*—
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- Saunders, Norman B., to Raytheon Mfg. Co. Frequency responsive systems. 2,841,775, 7-1-58, Cl. 340-3.
- Saunders, Norman B., to American Machine & Foundry Co. Magnetic memory circuits. 2,863,135, 12-2-58, Cl. 340-174.
- Saunders, Orson V., to General Motors Corp. Storage compartment on refrigerator door. 2,823,972, 2-18-58, Cl. 312-311.
- Saunders, Orson V., to General Motors Corp. Method of manufacturing single and double doors. 2,837,816, 6-10-58, Cl. 29-414.
- Saunders, Orson V., and J. A. Wallace, to General Motors Corp. Refrigerator cabinet construction. 2,845,320, 7-29-58, Cl. 312-204.
- Saunders, Orson V., and M. G. Betz, to General Motors Corp. Refrigerating apparatus. 2,845,321, 7-29-58, Cl. 312-214.
- Saunders, Patricia H.: *See*—
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- Saunders, Peter S., to Kelvin & Hughes Ltd. Aerodynamic and like instruments. 2,824,918, 2-25-58, Cl. 200-81.9.
- Saunders, Peter S., to Kelvin & Hughes Ltd. Fluid incidence detector. 2,866,335, 12-30-58, Cl. 73-188.
- Saunders, Philip A.: *See*—
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- Saunders, Philip G., to Owens-Illinois Glass Co. Electrophotographic method of applying art work to rubber for engraving. 2,855,297, 10-7-58, Cl. 96-1.
- Saunders, R. C.: *See*—
Quave, Andrew C. 2,823,715.
- Saunders-Roe Ltd.: *See*—
Ireland, Lionel H. 2,860,845.
- Saunders Valve Co. Ltd.: *See*—
Price, Richard H. 2,840,339.
- Shand, Stanley G. 2,837,308.
- Shand, Stanley G. 2,853,269.
- Saunders, Vernon I., and C. V. Wilson, to Eastman Kodak Co. Light-absorbing anthraquinone dyes for photographic emulsions. 2,865,752, 12-23-58, Cl. 96-102.
- Saunders, Jason L., and E. Du Bois, to Baird-Atomic, Inc. Automatic means for aligning spectroscopic components. 2,837,959, 6-10-58, Cl. 88-14.
- Saurenman, Dean F., to Schlumberger Well Surveying Corp. Hydraulic devices. 2,846,190, 8-5-58, Cl. 255-1.
- Saurer, Adolph, Ltd.: *See*—
Wiget, George. 2,829,676.
- Saurer, Curt: *See*—
Guy, Frederick M., and Saurer. 2,840,403.
Guy, Frederick M., and Saurer. 2,852,286.
- Sauret, Ponsa. Apparatus for preparing infusions. 2,846,939, 8-12-58, Cl. 99-302.
- Sausaman, Robert E., to The B. F. Goodrich Co. Segmented track. 2,841,453, 7-1-58, Cl. 305-10.
- Sausaman, Robert E., to The B. F. Goodrich Co. Method for manufacturing segmented tracks. 2,864,154, 12-16-58, Cl. 29-148.3.
- Sausen, George N., to E. I. du Pont de Nemours and Co. 2-aryl-1,1,3,3-tetracyanopropenes and their salts, and preparation thereof. 2,847,436, 8-12-58, Cl. 260-438.
- Sauter, Erwin R., to South African Coal, Oil and Gas Corp. Ltd. Process for producing wax products derived from oxidation products of paraffin wax. 2,835,691, 5-20-58, Cl. 260-452.
- Sauter, John D.: *See*—
Few, William, and Sauter. 2,846,642.
- Sauter, Josef, to Aktiengesellschaft Fuer Technische Studien. Utilizing intermittently produced waste heat. 2,820,348, 1-21-58, Cl. 60-59.
- Sautier & Jaeger: *See*—
Megard, Henry. 2,865,987.

- Sauzedde, René E., to General Motors Corp. Sprag clutch. 2,820,537, 1-21-58, Cl. 192-45.1.
- Sauzedde, René E., to General Motors Corp. Sprag clutch. 2,837,189, 6-3-58, Cl. 192-45.1.
- Savacool, Richard D.: *See—*
- Carder, Stephen D., Jr., and Savacool. 2,861,598.
- Savage, Albert B.: *See—*
- Swinchart, Richard W., Weaver, Savage, and Moeller. 2,835,603.
- Savage, Albert B., to The Dow Chemical Co. Water-soluble thermoplastic cellulose ethers. 2,831,852, 4-22-58, Cl. 260-231.
- Savage, Albert B., to The Dow Chemical Co. Water-soluble thermoplastic cellulose ether. 2,835,666, 5-20-58, Cl. 260-231.
- Savage, Conwell, to Westinghouse Electric Corp. Elevator systems. 2,840,188, 6-24-58, Cl. 187-29.
- Savage, Kerry D., to The Texas Co. Detecting means for locating pipeline scraper. 2,856,884, 10-21-58, Cl. 116-2.
- Savair Valve & Equipment Co.: *See—*
- Wolfbauer, Eugene A. 2,839,665.
- Savard, Guy: *See—*
- Volf, Charles, and Savard. 2,849,593.
- Savard, Guy, and R. Lee, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Method and apparatus for treating molten metal with oxygen. 2,855,293, 10-7-58, Cl. 75-60.
- Savercool, John V., to Allied Chemical & Dye Corp. Process for stabilizing cresote oils by shock cooling and stabilized product. 2,838,447, 6-10-58, Cl. 196-149.
- Savet, Paul H., to American Bosch Arma Corp. Discriminator. 2,841,721, 7-1-58, Cl. 307-149.
- Savich, Alfred L., and C. E. Jansen, to Swift & Co. Process for improving the color of animal material. 2,830,907, 4-15-58, Cl. 99-107.
- Saville, Robert W.: *See—*
- Antalek, John J., and Saville. 2,838,738.
- Savinelli, Achille. Cigarette-holder with denicotinizing filter with double ejector. 2,845,075, 7-29-58, Cl. 131-182.
- Saving, Ralph E.: *See—*
- Barker, Orrin W., and Libby. 2,835,172.
- Savings Bank and Trust Co.: *See—*
- Stovall, William H. 2,824,528.
- Savino, Henry C., and W. M. Ostrander, to Westinghouse Electric Corp. Elevator systems having basement operation. 2,857,987, 10-28-58, Cl. 187-29.
- Saviolides, George P. Clasp device for loose leaf papers. 2,861,309, 11-25-58, Cl. 24-66.
- Savit, Joseph: *See—*
- Lebl, Richard C., Savit, and Florence. 2,838,994.
- Savitz, Harold. Pipe hanger. 2,823,002, 2-11-58, Cl. 248-65.
- Savitzky, Abraham: *See—*
- Watson, Emmett S., Bresky, and Savitzky. 2,819,402.
- Sävö, Göte E.: *See—*
- Skogh, Carl G. C., and Sävö. 2,862,008.
- Savoca, Joseph J.: *See—*
- Bodkin, Ernest A., and Savoca. 2,850,438.
- Savoca, Joseph J., to Socony Mobil Oil Co., Inc. Granular solids withdrawal method and apparatus. 2,834,720, 5-13-58, Cl. 196-147.
- Savolainen, Unto U., to Metals & Controls Corp. Demonstration device. 2,846,059, 8-5-58, Cl. 206-29.
- Savoy Leather Mfg. Corp.: *See—*
- Perlin, Samuel. 2,859,787.
- Saw Engineering, Inc.: *See—*
- Robinson, Louis M. 2,854,042.
- Sawley, George W., to Eastman Kodak Co. Integral filter for color photography. 2,852,376, 9-16-58, Cl. 96-69.
- Sawhill Tubular Products, Inc.: *See—*
- Billetter, Halton A. 2,821,772.
- Sawicki, Michael: *See—*
- Vogel, Charles A., and Sawicki. 2,865,632.
- Sawle, William S., Jr. Internal combustion engine of opposed piston type. 2,853,983, 9-30-58, Cl. 123-51.
- Sawle, William S., III. Casings for air filters. 2,852,094, 9-16-58, Cl. 183-49.
- Sawrie, Hewlett M. Sling conveyor. 2,828,002, 3-25-58, Cl. 198-153.
- Sawtell, Richard B., and J. T. Gresham; said Sawtell assor. to Kimberly-Clark Corp. Blanket. 2,825,912, 3-11-58, Cl. 5-334.
- Sawyer, Archie A. Sash holding device. 2,825,554, 3-4-58, Cl. 268-128.
- Sawyer, Dwight L.: *See—*
- Mazza, Harold, Sawyer, and Baier. 2,866,688.
- Sawyer, Emerson D. Paired yielding roadway barriers. 2,825,987, 3-11-58, Cl. 39-1.
- Sawyer, Emerson D. Accumulatively resisting and snubbing bracket hitches. 2,828,559, 4-1-58, Cl. 39-1.
- Sawyer, Emerson D. Yieldable barriers. 2,861,285, 11-25-58, Cl. 14-52.
- Sawyer, Frank McM. Combination window frame and shutter. 2,834,197, 5-13-58, Cl. 72-98.
- Sawyer, Franklin: *See—*
- Smith, Lawrence D., and Sawyer. 2,832,446.
- Sawyer, Frederick D., and R. H. Witt, to Ford Motor Co. Trash separation device for cotton harvesters. 2,825,934, 3-11-58, Cl. 19-76.
- Sawyer, Howard C. Combined engine muffler and combustion chamber. 2,837,169, 6-3-58, Cl. 183-6.
- Sawyer, James T., and J. K. Flora. Arbitrary function generator. 2,835,773, 5-20-58, Cl. 201-48.
- Sawyer, Jean B., to Weatherby's, Inc. Manual cartridge reloading tool. 2,829,554, 4-8-58, Cl. 86-43.
- Sawyer, Priscilla A., now by change of name to Priscilla Allen, to American Optical Co. Apparatus for use in treating visual defects. 2,837,087, 6-3-58, Cl. 128-76.5.
- Sawyer, Russell E., to R. T. Vanderbilt Co., Inc. Adhesives containing chlorinated natural rubber, hypochlorinated natural rubber and wax. 2,846,492, 8-5-58, Cl. 260-727.
- Sawyer's Inc.: *See—*
- Romrell, Clarence L. 2,834,251.
- Sax, Norbert W.: *See—*
- Kimel, Walter, and Sax. 2,839,579.
- Saxby Robert N.: *See—*
- Meadows, Stanley G., and Saxby. 2,830,865.
- Saxe, Arthur C., to The Jaeger Machine Co. Diaphragm type pump. 2,826,134, 3-11-58, Cl. 163-150.
- Saxe, Walter E., to The Conveyor Co. Variable speed transmission. 2,848,097, 8-19-58, Cl. 198-39.
- Saxe, Walter E., to The Conveyor Co. Integrator for conveyor scale. 2,852,188, 9-16-58, Cl. 235-61.
- Saxer, August. Control for two orthogonal feed movements. 2,837,943, 6-10-58, Cl. 78-20.
- Saxman, James A., to United States of America, Navy. Automatic caging device for gunsight gyro. 2,841,015, 7-1-58, Cl. 74-5.1.
- Saxony Electronics, Inc.: *See—*
- Bentzman, Louis. 2,834,866.
- Saxton, Burton W.: *See—*
- Winnam, Russell M., and Saxton. 2,848,043.
- Saxton, Arthur L., to Esso Research and Engineering Co. Fluid contacting apparatus. 2,820,700, 1-21-58, Cl. 23-270.5.
- Saxton, Harold L., and S. P. Thompson. Own doppler nullifier. 2,859,433, 11-4-58, Cl. 343-8.
- Saxton, William R.: *See—*
- Villefroy, Jacques A., and Saxton. 2,841,579.
- Sayce, Leonard A. Machine for producing fine pitch screw threads for use in the production of diffraction gratings. 2,829,389, 4-8-58, Cl. 10-101.
- Saye, John F., 1/4 to P. A. McCarthy and 1/4 to E. M. and L. W. McCarthy. Fishing float. 2,834,142, 5-13-58, Cl. 43-44.87.
- Saykay, Joseph J. Apparatus for key operated mechanisms. 2,859,276, 11-4-58, Cl. 178-17.
- Sayko, Andrew F.: *See—*
- Etherington, Lewis D., Newberg, Wilson, and Sayko. 2,857,352.
- Morris, Kenneth G., Roediger, Newberg, and Sayko. 2,842,507.
- Sayles, Benjamin G.: *See—*
- Payzer, Samuel D., and Sayles. 2,847,179.
- Sayles Finishing Plants, Inc.: *See—*
- Allen, Herman C., and Russell. 2,842,828.
- Saylor, Arthur D. Plumbing system. 2,840,101, 6-24-58, Cl. 137-335.
- Saylor, Arvil: *See—*
- Coates, Leroy, and Saylor. 2,862,628.
- Saylor, Harrison H., and I. C. Kay. Attachment for the mouthpiece of musical instruments. 2,830,483, 4-15-58, Cl. 84-398.
- Saylor, Jurd E. Form holder for stair riser. 2,827,682, 3-25-58, Cl. 25-118.
- Sayre, Allyn T., Jr., D. W. Reark, A. H. Arens, and D. J. Wangelin, to The Pure Oil Co. Apparatus for measuring flow characteristics of porous specimens by displacement. 2,842,958, 7-15-58, Cl. 73-38.
- Sazavsky, Jaromir K., to G P E Controls, Inc. Wide dead zone control with set point return. 2,864,339, 12-16-58, Cl. 121-41.
- Sbarbaro, John L., Jr.: *See—*
- Seitchik, Murray W., and Sbarbaro. 2,860,636.
- Seag, Dane T., to Allis-Chalmers Mfg. Co. Combination electron X-ray beam tube for a betatron. 2,822,490, 2-4-58, Cl. 313-35.
- Scaggs, Fred: *See—*
- McPhee, Allan J., and Scaggs. 2,851,039.
- Scaglia, Phillip P.: *See—*
- Lykes, John M. 2,819,469.
- Scagnelli, Henry J., to Bell Telephone Laboratories, Inc. Spring clamp electron tube socket. 2,860,315, 11-11-58, Cl. 339-75.
- Scagnelli, Henry J., and J. H. Landsiedel, to Ward Electric Co. Electromagnetic switch. 2,853,577, 9-23-58, Cl. 200-104.
- Scal, Robert K-F., to the United States of America as represented by the Secretary of the Navy. Magnetron overload protection circuit. 2,820,900, 1-21-58, Cl. 250-36.
- Scal, Robert K-F., to United States of America, Commerce. Plug-in packaged waveguide assembly. 2,848,697, 8-19-58, Cl. 333-98.
- Scala, Sinclair M., to Westinghouse Electric Corp. Boundary layer fluid control apparatus. 2,841,182, 7-1-58, Cl. 138-37.
- Scalera, Mario: *See—*
- Long, Robert S., and Scalera. 2,844,594.
- Scalera, Mario, and M. Bender, to American Cyanamid Co. Water-resistant explosive compositions. 2,826,485, 3-11-58, Cl. 52-7.
- Scalera, Mario, F. H. Adams, and W. B. Hardy, to American Cyanamid Co. Inorganic hydrazine-sulfonates, composition containing same and method of preparing. 2,830,028, 4-8-58, Cl. 260-2.5.

- Scalera, Mario, F. Brody, and F. Fazio, to American Cyanamid Co. Stabilization of copperized azo dyestuffs. 2,834,773, 5-13-58, Cl. 260-148.
- Scaiff, Richard T. Process for conserving toweling. 2,834,695, 5-13-58, Cl. 134-6.
- Scaiff, Richard T., to G. Buik, Sr. Swivel dust mop holder. 2,861,287, 11-25-58, Cl. 15-144.
- Scandia Mfg. Co.: See—
- Anderson, Andrew W. 2,837,978.
- Scandrett, Henry F., and J. L. Porter, to Kaiser Aluminum & Chemical Corp. Process for treating aluminous ores. 2,852,343, 9-16-58, Cl. 23-143.
- Scanga, William A.: See—
- Druschel, Edward F., and Scanga. 2,862,728.
- Wallace, Bert E., and Scanga. 2,822,526.
- Scanlan, John T.: See—
- Ault, Waldo C., Eisner, and Scanlan. 2,824,113.
- Noble, Wilfred R., Scanlan, and Eisner. 2,857,412.
- Scanlan, Joseph P., and L. Alter, to Schwarzkopf Development Corp. Method of forming porous cemented metal powder bodies. 2,845,346, 7-29-58, Cl. 75-208.
- Scanlan, Joseph P., and L. Alter, to Schwarzkopf Development Corp. Device adapted for respiration cooling and process of making same. 2,851,216, 9-9-58, Cl. 253-39.15.
- Scanlan, Joseph P., and L. Alter, to Schwarzkopf Development Corp. Process of forming sintered sheets having copper infiltrated portions. 2,851,354, 9-9-58, Cl. 75-222.
- Scanlan, Thomas A. Multispeed bicycle drive. 2,847,878, 8-19-58, Cl. 74-781.
- Scanley, Clyde S., E. E. Richardson, and E. K. Fields, to Standard Oil Co. Sulfur containing lubricating oil additives. 2,854,411, 9-30-58, Cl. 252-47.
- Scanlon, Edward C. Hollow tapered furniture leg. 2,842,417, 7-8-58, Cl. 311-109.
- Scanlon, Edward C. Hearing aid connection. 2,857,579, 10-21-58, Cl. 339-105.
- Scanlon, Joseph J., and J. J. Schroth, to Link-Belt Co. Electrically heated vibrating screen. 2,850,163, 9-2-58, Cl. 209-238.
- Scaramucci, Domer. Soluble plug injector. 2,818,592, 1-7-58, Cl. 15-104.06.
- Scaramucci, Domer. Drill pipe float valve. 2,858,838, 11-4-58, Cl. 137-454.2.
- Scarborough, Erna C., to The Firestone Tire & Rubber Co. Helical expander. 2,848,779, 8-26-58, Cl. 26-63.
- Scardino, Joseph P. Supports for wall installed accessories. 2,859,606, 11-11-58, Cl. 72-5.
- Scarlett, Arthur C., to E. I. du Pont de Nemours and Co. Stretching of polyethylene terephthalate film. 2,823,421, 2-18-58, Cl. 18-57.
- Scarpati, Maria L.: See—
- Panizzi, Luigi, Scarpati, and Oriente. 2,863,909.
- Scarpelli, Donato. Adjustable mounting apparatus for photographic equipment and the like. 2,827,841, 3-25-58, Cl. 95-86.
- Scarrone, Alfredo R. Sewing machine for burlap bags. 2,845,885, 8-5-58, Cl. 112-10.
- Scarrott, Gordon G., to Ferranti, Ltd. Beat frequency oscillator. 2,854,581, 9-30-58, Cl. 250-36.
- Scarvelis, Gus S., to Continental Can Co., Inc. Pouch manufacturing means and method. 2,866,392, 12-30-58, Cl. 93-8.
- Scavini, Jean F., to Societe des Forges et Ateliers du Creusot. Muzzle clamp device for twin barreled artillery piece. 2,850,946, 9-9-58, Cl. 89-14.
- Scesa, Olindo, and J. B. Speranza. Connector for electric wires. 2,838,593, 6-10-58, Cl. 174-84.
- Schaaber, Otto. Chill mold. 2,851,750, 9-16-58, Cl. 22-57.2.
- Schaad, Jean: See—
- Marti, Fritz, Braunschweig, and Schaad. 2,849,273.
- Marti, Fritz, Braunschweig, and Schaad. 2,864,661.
- Schaaf, Carl G., to McDonnell Aircraft Corp. Floating, swivelling anchor nut. 2,820,499, 1-21-58, Cl. 151-41.7.
- Schaaf, Kurt H.: See—
- Klein, Howard C., Beckman, and Schaaf. 2,819,310.
- Schaaf, Kurt H., H. C. Klein, and R. Kapp, to Nopco Chemical Co. Vitamin A-active material. 2,819,308, 1-7-58, Cl. 260-563.
- Schaaf, Robert P.: See—
- Rearick, John S., and Schaaf. 2,831,901.
- Schaafsma, Albert: See—
- Hoog, Han, and Schaafsma. 2,854,475.
- Schaap, Ward B.: See—
- Glewett, Glenford H., Lee, and Schaap. 2,835,687.
- Schaap, Willem F. C., to The Babcock & Wilcox Co. Vapor generating and superheating unit, and method effected thereby. 2,834,326, 5-13-58, Cl. 122-481.
- Schaap, Willem F. C., to The Babcock & Wilcox Co. Tubular vapor generating and vapor superheating units. 2,836,156, 5-27-58, Cl. 122-392.
- Schabauer, Fritz M., to Mackay Radio and Telegraph Co. Automatic frequency control circuit for frequency shift radio telegraphy. 2,855,506, 10-7-58, Cl. 250-8.
- Schachet, Hyman. Criss-cross vegetable slicing machine. 2,818,897, 1-7-58, Cl. 146-78.
- Schachet, Hyman. Vegetable slicers. 2,818,898, 1-7-58, Cl. 146-78.
- Schacht, Clifford A., Jr., to Overhead Door Corp. Cable winding drum. 2,855,162, 10-7-58, Cl. 242-117.
- Schachter, Friedrich, to Paper Mate Mfg. Co. Spinning tool. 2,818,828, 1-7-58, Cl. 113-32.
- Schachter, Ozjasz, and S. Reznik, to Makhtsavel Israel. Process of electrolysis of aqueous electrolytes. 2,825,685, 3-4-58, Cl. 204-128.
- Schack, Warren R., and R. H. Maher, to Swift & Co. Preparation of cooked comminuted meats. 2,820,709, 1-21-58, Cl. 99-108.
- Schade, E. D.: See—
- Travis, Ralph L. 2,859,642.
- Schade, Frank S., to National Blank Book Co. Business form container tray. 2,832,347, 4-29-58, Cl. 129-1.
- Schade, Frank S., to National Blank Book Co. Expandable post binder. 2,832,349, 4-29-58, Cl. 129-13.
- Schade, Frank S., to National Blank Book Co. File card container for housing computer tapes. 2,832,467, 4-29-58, Cl. 206-80.
- Schade, H. Edwin, Co., The: See—
- Schade, Henry E. 2,823,440.
- Schade, Harold J. G., to Passavant Werke of Michelbacher. Tiltable underwater machine structure. 2,860,835, 11-18-58, Cl. 241-46.
- Schade, Helmut: See—
- Jappelt, Alfred, Doerges, and Schade. 2,848,302.
- Schade, Henry E., to The H. Edwin Schade Co. Channel slab concrete mold. 2,823,440, 2-18-58, Cl. 25-121.
- Schade, Otto H., to Radio Corp. of America. Power supply regulation. 2,843,796, 7-15-58, Cl. 315-22.
- Schade, Otto H., to Radio Corp. of America. Beam convergence apparatus for tri-color kinescope. 2,855,542, 10-7-58, Cl. 315-13.
- Schade, Willy E., to Eastman Kodak Co. Petzval type projection objective having a concavely curved image surface. 2,827,835, 3-25-58, Cl. 88-57.
- Schade, Willy E., to Eastman Kodak Co. Reversible magnifying attachment for lenses. 2,854,891, 10-7-58, Cl. 88-57.
- Schade, Willy E., to Eastman Kodak Co. Large aperture lens for lenticular film photography. 2,855,824, 10-14-58, Cl. 88-57.
- Schadenburg, Victor. Dispenser for tissues. 2,858,044, 10-28-58, Cl. 221-46.
- Schaeff, Charles: See—
- Garvey, Bruce J., and Schaeff. 2,859,266.
- Garvey, Bruce J., and Schaeff. 2,859,267.
- Schaefer, Carl A., R. H. Kiessling, and E. F. Mekelburg, to Square D Co. Electric switch. 2,822,439, 4-2-58, Cl. 200-70.
- Schaefer, Charles F. Adhesive applying apparatus. 2,827,010, 3-18-58, Cl. 118-241.
- Schaefer, Charles F. Adhesive applying apparatus. 2,827,011, 3-18-58, Cl. 118-249.
- Schaefer, Charles V., Jr., to The Bennett Mfg. Co. Towel dispenser and waste receptacle unit, and mounting bracket therefor. 2,834,506, 5-13-58, Cl. 220-85.
- Schaefer, David H., and D. G. Scorgie, to United States of America, Navy. Polarity sensitive analogue divider. 2,850,236, 9-2-58, Cl. 235-61.
- Schaefer, Edgar: See—
- Colton, Maxwell B. 2,846,322.
- Schaefer, Edward E. Hose clamp. 2,825,113, 3-4-58, Cl. 24-274.
- Schaefer, Edward E., to W. B. Thompson. Bicycle handle bar guard. 2,844,047, 7-22-58, Cl. 74-551.8.
- Schaefer, Edward J. Submersible motor construction. 2,829,288, 1-1-58, Cl. 310-87.
- Schaefer, Edward J. Bearing mounting. 2,837,382, 6-3-58, Cl. 308-236.
- Schaefer, Edward J. Instantly reversing motor. 2,847,629, 8-12-58, Cl. 318-207.
- Schaefer, Edward J. Protection and remote operating control of electric motors. 2,847,631, 8-12-58, Cl. 318-221.
- Schaefer, Edward J. Core construction. 2,849,695, 8-26-58, Cl. 336-210.
- Schaefer, Edward J. Combined motor-pump apparatus. 2,853,949, 9-30-58, Cl. 103-87.
- Schaefer, Edward J. Low water protector. 2,856,574, 10-14-58, Cl. 318-455.
- Schaefer Equipment Co.: See—
- Cole, Roland E. 2,846,958.
- Sladek, Achilles L. 2,843,060.
- Schaefer, Frederic C., and G. A. Peters, to American Cyanamid Co. Substituted s-triazines and method of preparation. 2,845,422, 7-29-58, Cl. 260-248.
- Schaefer, George J., to F. D. Kees Mfg. Co. Rotary grooving cutter tool. 2,822,008, 2-4-58, Cl. 144-219.
- Schaefer, Hans F., Jr., and F. Pulsifer, to United Shoe Machinery Corp. Sewing machines. 2,864,328, 12-16-58, Cl. 112-256.
- Schaefer, Harald, and M. Jori, to W. C. Heraeus, G. m. b. H. Method for the separation of niobium and tantalum. 2,829,947, 4-8-58, Cl. 23-23.
- Schaefer, Harold W., L. A. Staebler, and F. P. Speicher, to Philco Corp. Method for preserving foods. 2,851,366, 9-9-58, Cl. 99-192.
- Schaefer, James H., to Amphenol Electronics Corp. Self-sealing cable clamp. 2,823,248, 2-11-58, Cl. 174-77.
- Schaefer, Joseph. Electrical switch and circuit. 2,831,074, 4-15-58, Cl. 200-9.
- Schaefer, Peter. Respiratory helmet. 2,850,011, 9-2-58, Cl. 128-142.
- Schaefer, Peter R., and J. S. Kane, to Union Carbide Corp. Gas shielded arc torches. 2,863,984, 12-9-58, Cl. 219-75.

- Schaeffer, John M., to Lehigh Construction Co., Inc. Welding chair. 2,854,292, 9-30-58, Cl. 304-15.
- Schaeffer, Robert O.: *See—*
- Sinden, Alfred D., and Schaeffer. 2,862,599.
- Schaeffer, Werner. Belt conveyor. 2,845,166, 7-29-58, Cl. 198-129.
- Schaeffer, William D.: *See—*
- Dingman, Robert W., Michel, and Schaeffer. 2,828,186.
- Dorsey, William S., and Schaeffer. 2,827,462.
- Schaeffer, William D., to Union Oil Co. of California. Werner complexes of 4-ethyl pyridine. 2,827,463, 3-18-58, Cl. 260-270.
- Schaeffer, William D., to Union Oil Co. of California. Separation of hydrocarbons by clathrate formation with Werner complex compounds. 2,849,513, 8-26-58, Cl. 260-674.
- Schaeffer, William D., A. C. McKinnis, and W. S. Dorsey, to Union Oil Co. of California. Separation of organic compounds. 2,849,511, 8-26-58, Cl. 260-674.
- Schaelchlin, Walter, and C. E. Gary, to Westinghouse Electric Corp. Control apparatus. 2,836,074, 5-27-58, Cl. 74-395.
- Schaer, Franz: *See—*
- Aguet, Emile, and Schaer. 2,862,687.
- Schaer, Franz, to Sulzer Freres Societe Anonyme. Multi-stage radial flow turbomachine. 2,855,143, 10-7-58, Cl. 230-130.
- Schaer, Franz, and M. Allemann, to Sulzer Freres, Societe Anonyme. Machine unit including a turbine and a machine driven thereby. 2,821,418, 1-28-58, Cl. 287-52.
- Schaer, Glenn R., to United States of America, Navy. Method of making a nickel-chromium diffusion alloy. 2,859,158, 11-4-58, Cl. 204-37.
- Schaeren, Paul, to International Standard Electric Corp. Electrolyte for electrolytic capacitors. 2,851,642, 9-9-58, Cl. 317-230.
- Schaerer, Henri. Tag stringing apparatus. 2,860,587, 11-18-58, Cl. 112-2.
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- Schaeve, Donald K., to Barber-Colman Co. Condition responsive control apparatus. 2,859,402, 11-4-58, Cl. 323-65.
- Schaevitz Engineering: *See—*
- Sherman, Samuel M. 2,866,332.
- Schafer, Denny P., to W. L. Looney. Seismogram timing lines numbering apparatus. 2,823,606, 2-18-58, Cl. 101-298.
- Schafer, Glen H.: *See—*
- Lam, Hung K. H., and Schafer. 2,866,685.
- Schafer Industriegeellschaft Schweinfurt m. b. H.: *See—*
- Brand, Karl. 2,836,961.
- Schafer, John P.: *See—*
- Holland, Kenneth M., Schafer, and Spott.
- Schafer, John P. Door latch mechanism. 2,862,379, 12-2-58, Cl. 70-146.
- Schafer, Robert A., to National Automatic Tool Co., Inc. Machine tool processing apparatus. 2,842,987, 7-15-58, Cl. 77-64.
- Schafer, Vernon E., Jr.: *See—*
- Frick, Charles H., and Schafer. 2,836,410.
- Schäfer, Wilhelm, to Faber-Castell, A. W. Eraser mounting for pencils. 2,848,978, 8-26-58, Cl. 120-38.
- Schafer, William, Jr.: *See—*
- Gerber, Paul D., and Schafer. 2,856,313.
- Schäff, Rudolf: *See—*
- Fuchs, Otto, Staller, and Schäff. 2,863,844.
- Schaffer, Harvey. Articles of furniture and supporting means therefor. 2,865,439, 12-23-58, Cl. 155-194.
- Schaffer, Robert J.: *See—*
- Suttle, Lawrence D. 2,819,703.
- Schaffert, Roland M., to Haloid Xerox Inc. Xerographic plate. 2,863,768, 12-9-58, Cl. 96-1.
- Schäffler, Alfred, F. Bach, and G. Meier, to Veb Leuna Werke "Walter Ulbricht." Process for the production of hydroxyl amine sulfate solutions. 2,845,331, 7-29-58, Cl. 23-117.
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- Schaffner, Johannes S., to General Electric Co. Negative resistance using transistors. 2,864,062, 12-9-58, Cl. 333-80.
- Schaffer, Kay M. Supporting means for hosiery and the like. 2,837,747, 6-10-58, Cl. 2-240.
- Schaftrank, Erich, to Abrasive Machine Tool Co. Methods and devices for pre-loading bearings. 2,860,930, 11-18-58, Cl. 308-6.
- Schagen, Pieter, to North American Philips Co., Inc. Television pick-up tube. 2,849,635, 8-26-58, Cl. 313-65.
- Schahfer, Rollin M.: *See—*
- Knutz, William H., Schahfer, and Kritsch. 2,825,752.
- Schain, Philip. Method and reagents for fat determination. 2,863,734, 12-9-58, Cl. 23-231.
- Schake, Richard P.: *See—*
- Barry, Austin W., and Schake. 2,848,662.
- Schakel, Karl K., to Kett Corp. Variable exhaust nozzle actuator. 2,866,315, 12-30-58, Cl. 60-35.6.
- Schaldenbrand, Arthur L., to Ford Motor Co. Motor vehicle body mount. 2,838,339, 6-10-58, Cl. 296-35.
- Schalit, Samuel: *See—*
- Cutler, Royal A., and Schalit. 2,829,143.
- Schalkowsky, Samuel: *See—*
- Essex, Alois B., and Schalkowsky. 2,847,178.
- Schalkwijk, Willem F., and L. De Lange, to North American Philips Co., Inc. Regenerator and heater arrangement in a hot gas engine. 2,856,757, 10-21-58, Cl. 62-6.
- Schall, Harold L., to Studebaker-Packard Corp. Connecting rod. 2,846,897, 8-12-58, Cl. 74-579.
- Schall, William E., to American Cyanamid Co. Wire stripping machine. 2,866,369, 12-30-58, Cl. 81-9.51.
- Schaller, Harold E., to John E. Smith's Sons Co. Meat cutting machine having unloading disc and flexible bowl scraper. 2,851,073, 9-9-58, Cl. 146-67.
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- Schamanek, Charles, to Robotron Corp. Coupling transformer for radio frequency heating applications. 2,847,651, 8-12-58, Cl. 336-200.
- Schamel, Clyde H.: *See—*
- Garvey, Louis P., Mackie, and Schamel. 2,847,937.
- Leslie, James D., Schamel, and Semar. 2,848,218.
- Leslie, James D., Schamel, and Van Voorhees. 2,827,321.
- Schamel, Clyde H., to General Motors Corp. Dual windshield wiper motor system. 2,852,000, 9-16-58, Cl. 121-114.
- Schamel, Clyde H., and C. S. Semar, to General Motors Corp. Window arrangement for vehicle bodies. 2,828,999, 4-1-58, Cl. 296-44.
- Schanke, Donald G., and E. K. Rose, to North American Aviation, Inc. Cable coupling. 2,841,426, 7-1-58, Cl. 287-76.
- Schantz, Edward J., to the United States of America as represented by the Secretary of the Army, in trust. Testing kit for impregnate in clothing. 2,819,153, 1-7-58, Cl. 23-230.
- Schantz, Socrates J. Trailer having vertically adjustable hitch and running gear. 2,864,626, 12-16-58, Cl. 280-44.
- Schanz, Karl, to Papierfabrik Fleischer G. m. b. H. Process and machine for producing rods for tobacco filters. 2,852,987, 9-23-58, Cl. 93-1.
- Schappel, Joseph W., to American Viscose Corp. Viscose spinning process. 2,858,185, 10-28-58, Cl. 18-54.
- Scharf, Allan: *See—*
- Hildebrand, Herbert, and Scharf. 2,856,933.
- Scharf, Benjamin. Garment. 2,827,638, 3-25-58, Cl. 2-212.
- Scharf, Murray M. Potato pancake product and method of preparing same. 2,856,295, 10-14-58, Cl. 99-182.
- Scharff, Fritz, and H. A. Schwan, to United States Steel Corp. Apparatus for stamping traveling product. 2,824,512, 2-25-58, Cl. 101-6.
- Scharff, Leon. Moment computing and indicating systems. 2,858,070, 10-28-58, Cl. 235-61.
- Scharmann & Co. G. m. b. H.: *See—*
- Schraub, Willi. 2,833,901.
- Scharstein, Ernst, E. Schwab, and K. Lutz, to Siemens-Schuckertwerke Akt. Voltage regulating apparatus, particularly for synchronous machines. 2,836,786, 5-27-58, Cl. 322-25.
- Schärli, Konrad: *See—*
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- Schaschl, Edward, to The Pure Oil Co. Corrosion testing probe. 2,834,858, 5-13-58, Cl. 201-63.
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- Schatz, Albert: *See—*
- Cheronis, Nicholas D., and Schatz. 2,828,182.
- Schatz, Frederick W., and F. A. Reibert, to United States of America, Navy. Time rate of change of radar range voltage. 2,839,681, 6-17-58, Cl. 250-27.
- Schatzel, Rudolph A., to Rome Cable Corp. Insulated conductor coated with polyethylenebutyl rubber resin. 2,830,919, 4-15-58, Cl. 117-232.
- Schatzman, George W., to Houdaille Industries, Inc. Tire cover structure. 2,822,849, 2-11-58, Cl. 150-54.
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- Schaub, Franz, to Ruhrchemie Akt. Contacting of granular materials with gases. 2,834,119, 5-13-58, Cl. 34-25.
- Schaub, Fred H., Engineering Co., Inc.: *See—*
- Schaub, Robert F. 2,834,337.
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- Baker, Bernard R., Joseph, and Schaub. 2,827,453.
- Baker, Bernard R., Joseph, and Schaub. 2,852,505.
- Baker, Bernard R., and Schaub. 2,830,984.
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- Schauer, Arlene R. Skirt holding bracket. 2,843,196, 7-15-58, Cl. 155-188.
- Schäufelberger, Felix A., to Chemical Construction Corp. Hydrometallurgical process. 2,837,406, 6-3-58, Cl. 23-147.
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- Schäufelberger, Felix A., to Chemical Construction Corp. Precipitating metal powder by reduction. 2,853,374, 9-23-58, Cl. 75-5.

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- Schaurt, Paul. Apparatus for conveying gases or liquids. 2,841,091, 7-1-58, Cl. 103-149.
- Schaus, Carl F., to General Electric Co. Support for electric mixer. 2,823,017, 2-11-58, Cl. 259-108.
- Schechner, Paul: *See*—
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Bunzl, Hugo, and Schechner. 2,866,465.
- Schechter, Bernard. Motion translation system. 2,825,893, 3-4-58, Cl. 340-187.
- Schechter, Richard, to AB Thorell & Persson. Sausage grilling and vending machine. 2,841,074, 7-1-58, Cl. 99-355.
- Schechter, William H., to Calvery Chemical Co. Method of producing metallic zinc. 2,823,110, 2-11-58, Cl. 75-86.
- Scheck, William. Refillable pressure spray device. 2,841,190, 7-1-58, Cl. 141-20.
- Schechter, George: *See*—
Kroeger, William J., and Schechter. 2,860,663.
- Schedel, Joseph J.: *See*—
Birner, Max J. A. 2,831,751.
- Scheele, Paul F., to United States of America, Atomic Energy Commission. Voltage-controlled transistor oscillator. 2,852,746, 9-16-58, Cl. 332-16.
- Scheeline, Harold W.: *See*—
Green, Arthur D., Gornowski, Scheeline, and Jaros. 2,844,569.
- Scheeline, Harold W., A. W. Hubbard, and T. H. Hakala, to Esso Research and Engineering Co. Extract stripping process for diisopropyl ether manufacture. 2,825,746, 3-4-58, Cl. 260-614.
- Scheemaeker, Emile. Safety pin. 2,863,199, 12-9-58, Cl. 24-156.
- Scheer, Herman C., and E. R. York, to International Business Machines Corp. Cobalt-nickel electroplating solution. 2,834,725, 5-13-58, Cl. 204-43.
- Scheer, Lawrence J.: *See*—
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- Scheerer, William, to Worthington Corp. Variable capacity compressor. 2,833,462, 5-6-58, Cl. 230-21.
- Scheers, Hermanus J. H., to American Enka Corp. Method and apparatus for cooling melt spun threads. 2,847,704, 8-19-58, Cl. 18-8.
- Schefels, Gerhard, G. Wellensiek, and H. Trebbe. Steel recuperator. 2,834,581, 5-13-58, Cl. 257-224.
- Scheffer, Nicolaas, and F. C. W. Slooff, to North American Phillips Co., Inc. Movable selector mechanism with fixed contacts. 2,861,148, 11-18-58, Cl. 200-105.
- Scheffler, Heinrich: *See*—
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- Scheffler, Heinz: *See*—
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- Scheffler, Heinz, and A. Kottler, to C. H. Boehringer. Barbituric acid derivatives. 2,820,035, 1-14-57, Cl. 260-257.
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- Scheffter, Helmut K. H., W. A. W. Fromme, and J. F. Vrastil, to Massey-Ferguson Inc. Auger conveyor. 2,849,103, 8-26-58, Cl. 198-104.
- Scheg, Marcian A., to General Railway Signal Co. Track circuit responsive to varying train shunt. 2,825,801, 3-4-58, Cl. 246-41.
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- Schegulla, Horst: *See*—
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- Schegulla, Horst. Pliers for accurate angular bending of metal strips. 2,826,106, 3-11-58, Cl. 81-15.
- Scheib, Elmer J., and G. J. Ehrhardt, to Blaw-Knox Co. Four-rope clamshell cleanup type bucket. 2,826,838, 3-18-58, Cl. 37-186.
- Scheib, Richard, Jr., and R. N. Cronmeyer, to Sperry Rand Corp. Hydraulic servo system. 2,863,284, 12-9-58, Cl. 60-52.
- Scheib, Walter H., to Salem-Brosius, Inc. Method of building a circular brick wall. 2,850,891, 9-9-58, Cl. 72-37.
- Scheibe, Elias W., to General Motors Corp. Push rod and oil control valve. 2,857,895, 10-28-58, Cl. 123-90.
- Scheibel, Edward G., to Hoffmann-La Roche Inc. Extractor. 2,850,362, 9-2-58, Cl. 23-270.5.
- Scheibel, Kurt, to VEB Spezialmaschinenwerk Limbach. Device for at least temporarily inactivating reciprocating control members of machines, especially of embroidery machines. 2,824,532, 2-25-58, Cl. 112-221.
- Scheiber, Walter. Golf gloves. 2,831,196, 4-22-58, Cl. 2-161.
- Scheible, Howard G.: *See*—
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- Scheidegger, John E. Animal traps. 2,850,835, 9-9-58, Cl. 43-70.
- Scheidegger, John E. Adjustable toeboards. 2,862,761, 12-2-58, Cl. 296-75.
- Scheidegger, Walter. Self-supporting folding ladder. 2,864,544, 12-16-58, Cl. 228-27.
- Scheideler, Carl E.: *See*—
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- Scheidemante, Howard R., to Universal Mfg. Corp. Brace for scaffolds and the like. 2,830,856, 4-15-58, Cl. 304-40.
- Scheidenhelm, Earl L., to Horace D. Hume. Harvester for pumpkins and similar crops. 2,835,098, 5-20-58, Cl. 56-327.
- Scheider, Maurice G., to United States of America, Navy. Flexible floating deck. 2,841,107, 7-1-58, Cl. 114-43.5.
- Scheifele, Frederick W. Fishing rod support. 2,851,234, 9-9-58, Cl. 248-42.
- Scheifley, William J., R. C. Givens, and M. R. Hefty, to The Texas Co. Traction motor gear lubricant. 2,842,496, 7-8-58, Cl. 252-42.1.
- Scheirman, William L., and G. C. Opel, to Black, Sivalls & Bryson, Inc. Separator. 2,825,423, 3-4-58, Cl. 183-2.7.
- Scheiterlein, Andreas, to G. Ospelt. Appliance for the ventilation of the crankcase of internal combustion engines. 2,821,174, 1-28-58, Cl. 121-194.
- Scheiterlein, Andreas, to G. Ospelt. V-type internal-combustion engine housing. 2,821,969, 2-4-58, Cl. 123-55.
- Scheiterlein, Andreas, to G. Ospelt. Drive for blower, fan and water pump of two-stroke V-type engines. 2,824,552, 2-25-58, Cl. 123-41.46.
- Scheiterlein, Andreas, and O. Skatsche, to G. Ospelt. Design and arrangement of the coolant pump of internal combustion engines. 2,820,441, 1-21-58, Cl. 123-41.46.
- Scheitlin, Thomas G.: *See*—
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- Scheldorf, Marvel W., to Andrew Corp. Antenna feed system. 2,828,486, 3-25-58, Cl. 343-781.
- Scheldorf, Marvel W., to Andrew Corp. Suppressor-type antenna. 2,852,774, 9-16-58, Cl. 343-841.
- Scheldorf, Owen H., to General Electric Co. Compression arrangement. 2,836,349, 5-27-58, Cl. 230-206.
- Schelnunov, Alex, to Bird Electronic Corp. Resilient foot for instruments and the like. 2,849,201, 8-26-58, Cl. 248-24.
- Schell, Carl M., to General Motors Corp. Air grill for refrigerating apparatus. 2,835,187, 5-20-58, Cl. 98-40.
- Schell, John W.: *See*—
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- Oshry, Howard L., and Schell. 2,824,980.
- Schell, John W., to Erie Resistor Corp. Metal coating and method of making the same. 2,821,013, 1-28-58, Cl. 29-195.
- Schellens, Christopher A., deceased; B. A. Copp, executor. Control mechanism for power fluid supply. 2,821,927, 2-4-58, Cl. 103-57.
- Schellens, Christopher A., deceased; B. A. Copp, executor of said C. A. Schellens. Centrifugal pump with discharge manifold. 2,825,285, 3-4-58, Cl. 103-103.
- Schellens, Christopher A., deceased, by B. A. Copp, executor. Means for regulating the pressure of boiler feed pumps. 2,852,031, 9-16-58, Cl. 137-95.
- Scheller, Paul, W. Oldenburg, and J. Cimiotti, to Electroacoustic G. m. b. H. Record changing device. 2,845,271, 7-29-58, Cl. 274-10.
- Schellman, Joseph H., and W. R. Law, to Hetherington, Inc. Indication light. 2,825,896, 3-4-58, Cl. 340-252.
- Schelp, Chester: *See*—
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- Schelp, Helmut R., to The Garrett Corp. Ducted fan power plant for aircraft. 2,823,516, 2-18-58, Cl. 60-35.6.
- Schemers, William J. Extension handle for paint rollers. 2,845,647, 8-5-58, Cl. 15-145.
- Scheminger, John, Jr. Insert for making receptacle non-refillable. 2,835,403, 5-20-58, Cl. 215-22.
- Scheminger, John, Jr. Nonrefillable bottle. 2,835,411, 5-20-58, Cl. 222-147.
- Schemmel, Otto J. Hydraulically operated compressors. 2,865,558, 12-23-58, Cl. 230-49.
- Schenck, Alfred K., to Bell Telephone Laboratories, Inc. Pulse rate discriminator. 2,837,642, 6-3-58, Cl. 250-27.
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- Schenck, Leslie M.: *See*—
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- Schenck, Martin: *See*—
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- Schenck, Robert A. M. Arrangement for the closing ring of a floating roof for mineral oil tanks and tanks for similar products. 2,839,216, 6-17-58, Cl. 220-26.
- Schenectady Trust Co., The: *See*—
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- Schenk, George F., to American Optical Co. Adjustable table. 2,857,226, 10-21-58, Cl. 311-39.
- Schenkel, Gerrit, to North American Phillips Co., Inc. Telephone and microphone. 2,852,627, 9-16-58, Cl. 179-180.
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- Schenkelberger, Frank J., to The Baker-Raulang Co. Industrial truck. 2,820,562, 1-21-58, Cl. 214-730.
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- Goldstein, Dan. 2,837,848.
- Goldstein, Daniel. 2,828,565.
- Holstein, John H. 2,860,796.
- Katz, Leon, and Cohen. 2,820,042.
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- Schepker, Paul F., to Keleket X-Ray Corp. X-ray apparatus. 2,835,824, 5-20-58, Cl. 250-108.
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- Scherbatskoy, Serge A., to PGAC Development Co. Neutron detector. 2,830,186, 4-8-58, Cl. 250-71.
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- Scherenberg, Hans O., to Daimler-Benz Akt. Axle suspension with swinging half axles. 2,854,087, 9-30-58, Cl. 180-73.
- Scherer, John O., to R. P. Scherer Corp. Method and apparatus for comminuting suspensions of solid material. 2,823,868, 2-18-58, Cl. 241-2.
- Scherer, Karl. Keyboard for musical instruments, in particular for accordions. 2,826,953, 3-18-58, Cl. 84-376.
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- Schering Corp.: *See*—
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- Schering, Helmuth, R. Schmidt, and K. Flor, to VEB Zeiss Ikon. Carbon support in arc lamp. 2,831,994, 4-22-58, Cl. 313-35.
- Schermerhorn, James R., 50% to Bullard Brothers Co. Watch band. 2,840,286, 6-24-58, Cl. 224-4.
- Scherr, George H. Means for assessing the effect of various agents on the growth of microorganisms. Re. 24,557, 10-28-58, Cl. 195-103.5.
- Schesvold, Orland S., to Curtin Corp. Curtain clip. 2,863,164, 12-9-58, Cl. 16-87.4.
- Scheswohl, Edward E., to Crown Cork & Seal Co., Inc. Seamed metal container with plastic cover for the seam and plastic pouring spout. 2,839,229, 6-17-58, Cl. 222-567.
- Schetty, Guido: *See*—
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- Schetty, Guido, to J. R. Geigy A.-G. Azo dyestuffs containing heavy metal. 2,839,521, 6-17-58, Cl. 260-147.
- Schetty, Guido, H. Ackermann, and F. Beffa, to J. R. Geigy, A. G. Azo dyestuffs containing heavy metal in complex union. 2,829,140, 4-1-58, Cl. 260-149.
- Schetty, Guido, and W. Biedermann, to J. R. Geigy, A. G. Chromium containing dyestuffs. 2,855,393, 10-7-58, Cl. 260-145.
- Scheu, Lester W., to The Firestone Tire & Rubber Co. Fabric width gage. 2,848,815, 8-26-58, Cl. 33-143.
- Scheubeck, Oskar. Radius-grinding apparatus. 2,858,649, 11-4-58, Cl. 51-33.
- Scheublein, William A., Jr., and C. W. Wright, to Moog Industries, Inc. Overload spring for vehicle. 2,826,407, 3-11-58, Cl. 267-45.
- Scheuerer, Guenter: *See*—
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- Scheuerle, Robert F., and G. T. Mahon, to The General Storage Battery Co. Electric battery plate. 2,862,985, 12-2-58, Cl. 136-21.
- Scheuerle, Robert F., and J. B. Metzinger, to The Electric Storage Battery Co. Negative plates and the production thereof. 2,865,974, 12-23-58, Cl. 136-30.
- Scheuerpflug, Hans, to Maschinenfabrik Augsburg-Nurnberg, A. G. Self-propelled crane. 2,852,146, 9-16-58, Cl. 212-58.
- Scheufele, Herbert C.: *See*—
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- Scheunert, Alfred, to Siemens & Halske Akt. Telephone system with local and toll call switching over identical connectors. 2,863,947, 12-9-58, Cl. 179-18.
- Scheurer, Hans: *See*—
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- Scheurer, Otto R.: *See*—
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- Schewel, Abe, Exhaust deflector. 2,864,406, 12-16-58, Cl. 138-46.5.
- Schiavi, Ferdinand J. Missile launcher. 2,826,960, 3-18-58, Cl. 89-1.7.
- Schiavo, Julius J. Medicine tray. 2,826,347, 3-11-58, Cl. 224-48.
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- Schick, Elmer B. Wallet protector. 2,864,144, 12-16-58, Cl. 24-3.
- Schick, Frederick A., to Allis-Chalmers Mfg. Co. Positive lock and detent mechanism for shift rods. 2,847,871, 8-19-58, Cl. 74-477.
- Schick Inc.: *See*—
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- Schick, John W.: *See*—
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- Schickedanz, Gustav, and G. Reinicke. Conveying system. 2,856,743, 10-21-58, Cl. 53-246.
- Schickl, Ingrid: *See*—
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- Schieber Mfg. Co.: *See*—
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- Schieber, Robert E., to Schieber Mfg. Co. Folding table construction and supporting means therefor. 2,831,740, 4-22-58, Cl. 311-389.
- Schieber, Suzanne. Method of preparing a liver loaf. 2,824,003, 2-18-58, Cl. 99-107.
- Schieberl, Charles E. Safety guard for valves. 2,838,064, 6-10-58, Cl. 137-382.
- Schild Bantam Co.: *See*—
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- Schiele, Herman A. Boat anchor handling means. 2,831,450, 4-22-58, Cl. 114-210.
- Schiesel & Co. Gesellschaft m. b. H.: *See*—
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- Schieser, Warren J., J. F. Kelley, and D. G. Marshall, to The Exact Weight Scale Co. Injection molding machine with weigh-feeder and plunger position control. 2,822,577, 2-11-58, Cl. 18-30.
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- Schigt, Emil A. Hole edge gripping electrical junction box connector. 2,823,932, 2-18-58, Cl. 285-162.
- Schilberg, Arnold G., to A. O. Smith Corp. X-member vehicle frame. 2,820,645, 1-21-58, Cl. 280-106.
- Schilberg, Arnold G., to A. O. Smith Corp. X-member frame. 2,835,506, 5-20-58, Cl. 280-106.
- Schilberg, Arnold G., to A. O. Smith Corp. Method of making I-beams for vehicle frames. 2,844,864, 7-29-58, Cl. 29-155.
- Schilberg, Arnold G., to A. O. Smith Corp. Terminal extension for unit brake beam. 2,848,075, 8-19-58, Cl. 188-233.3.
- Schilberg, Lloyd E., and G. G. Kretschmar, to United States of America, Navv. Sensitization of photoconductive cells by the use of indium vapor. 2,847,329, 8-12-58, Cl. 117-211.
- Schildknecht, Calvin E., to Air Reduction Co., Inc. Homopolymers from 2,2,2-trifluoroethyl vinyl ether. 2,820,025, 1-14-58, Cl. 260-91.1.

- Schildknecht, Calvin E., to Air Reduction Co., Inc. Copolymers of trifluoroethyl vinyl ether and vinyl esters. 2,851,449, 9-9-58, Cl. 260—85.7.
- Schildwächter, Heinrich : *See—*
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- Schiller, Ernest M., P. A. Saunders, and W. B. Landgraf, to General Electric Co. Pinning machine. 2,844,979, 7-29-58, Cl. 78—49.
- Schiller, Heinrich. Dielectric voltage transformers. 2,822,481, 2-4-58, Cl. 307—109.
- Schiller, Jacob D., to Western Electric Co., Inc. Test probe. 2,849,879, 9-2-58, Cl. 73—141.
- Schiller, Paul. Throw-guiding device. 2,865,491, 12-23-58, Cl. 198—128.
- Schiller, Sigge, to Leslie Co. Diaphragm. 2,855,002, 10-7-58, Cl. 137—793.
- Schiller, Walter F. Film developing tank. 2,862,432, 12-2-58, Cl. 95—90.5.
- Schilling, Arthur R., to Daystrom, Inc. Method of forming thin-walled tubing into a desired shape. 2,841,866, 7-8-58, Cl. 29—423.
- Schilling, August H. : *See—*
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- Koehler, Max. 2,842,471.
- Schilling, Clarence J., to Air Products, Inc. Method for the fractionation of air. 2,836,040, 5-27-58, Cl. 62—175.5.
- Schilling, Frederick A. Balustrades. 2,820,613, 1-21-58, Cl. 256—21.
- Schilling, Frederick A. Extruded window mullion and curtain wall structures. 2,866,527, 12-30-58, Cl. 189—76.
- Schilling, Hugh K., to Horton Mfg. Co., Inc. Disc brakes. 2,830,681, 4-15-58, Cl. 188—72.
- Schilling, Hugh K., to Horton Mfg. Co., Inc. Stripping machine. 2,845,011, 7-29-58, Cl. 93—36.
- Schilling, Karl F. : *See—*
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- Schillizzi, Salvatore S. Anti-pick cylinder lock. 2,836,973, 6-3-58, Cl. 70—421.
- Schils, Petrus J. H. Copying shaper. 2,851,071, 9-9-58, Cl. 144—144.
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- Schindler, Carl, and A. Van Ryan, to McGraw-Edison Co. Stored energy device. 2,822,445, 2-4-58, Cl. 200—109.
- Schindler, Cyril B. Key case and key. 2,842,954, 7-15-58, Cl. 70—456.
- Schindler, Frank S. : *See—*
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- Schindler, Harold C., to General Motors Corp. Transmission-hydraulic clutch bleed-off valve. 2,864,479, 12-16-58, Cl. 192—85.
- Schindler, Walter R., to Hotkap Mfg. Co. Foil reinforced tie. 2,832,115, 4-29-58, Cl. 24—20.
- Schink, Howard C., to Bailey Meter Co. Fluid pressure devices. 2,860,650, 11-18-58, Cl. 137—85.
- Schinske, William G., to Ideal Industries, Inc. Spring type connector. 2,861,826, 11-25-58, Cl. 287—78.
- Schinkel, Henry L., to R. P. Schulze. Dispensing machines. 2,863,587, 12-9-58, Cl. 221—191.
- Schinner, Edgar S. : *See—*
- Nichols, Joseph, and Schipper. 2,822,369.
- Nichols, Joseph, and Schipper. 2,842,560.
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- Schira, Martin P., Jr. Reversible pump for use in a hydraulic torque converter. 2,846,953, 8-12-58, Cl. 103—161.
- Schiring, Ralph C., and E. J. Bastin, to Picker X-Ray Corp. Tubular telescopic column. 2,835,520, 5-20-58, Cl. 287—58.
- Schiring, Ralph C., and A. J. Foderaro, to Picker X-Ray Corp., Waite Mfg. Div., Inc. Demountable X-ray apparatus. 2,842,676, 7-8-58, Cl. 250—92.
- Schirmer, Robert M. : *See—*
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- Schirmer, Robert M., to Phillips Petroleum Co. Automatic Co. Combustor. 2,827,761, 3-25-58, Cl. 60—39.23.
- Schirmer, Robert M., and E. H. Fromm, to Phillips Petroleum primary and secondary air flow regulation for gas turbine combustion chamber. 2,837,893, 6-10-58, Cl. 60—39.23.
- Schirmer, Waldo P., and R. A. Knaus, to The Wayne Pump Co. Rotary pump. 2,822,760, 2-11-58, Cl. 103—126.
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- Schütt, Hartwig, Stein, Rank, and Schirp. 2,841,615.
- Schirp, Hubert, to Henkel & Cie. G. m. b. H. Process for the production of aromatic compounds containing carboxyl groups. 2,866,815, 12-30-58, Cl. 260—515.
- Schischkow, Konstantin P. Self-feeding automatic pencil. 2,866,438, 12-30-58, Cl. 120—18.
- Schjelderup, Signe, to Shwayder Bros., Inc. Method and solution for treatment of magnesium articles. 2,854,371, 9-30-58, Cl. 148—6.21.
- Schjolin, Hans O., to General Motors Corp. Clutch plate. 2,856,049, 10-14-58, Cl. 192—107.
- Schjolin, Hans O., to General Motors Corp. Transmission. 2,861,482, 11-25-58, Cl. 74—781.
- Schjolin, Hans O., and E. W. Allen, to General Motors Corp. Refrigerating apparatus. 2,841,963, 7-8-58, Cl. 62—244.
- Schjolin, Hans O., and D. K. Isbell, to General Motors Corp. Wheel and brake assembly. 2,849,087, 8-26-58, Cl. 188—18.
- Schjolin, Hans O., H. Guentsche, and M. V. Parshall, to General Motors Corp. Torsion bar independent wheel suspension. 2,858,142, 10-28-58, Cl. 280—124.
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- Schladermundt, Peter, and W. H. Dennerlein, to Johnson & Johnson. Adhesive bandage. 2,823,672, 2-18-58, Cl. 128—156.
- Schladermundt, Peter, and W. H. Dennerlein, to Johnson & Johnson. Adhesive bandage. 2,823,673, 2-18-58, Cl. 128—156.
- Schladitz, Hermann. Metal deposition process. 2,822,292, 2-4-58, Cl. 117—107.
- Schlaify, Hubert J., Jr., to Teleprompter Corp. Sound effect control. 2,847,513, 8-12-58, Cl. 179—100.1.
- Schlage, Ernest L., to Schlage Lock Co. Hold open safety device. 2,820,241, 1-21-58, Cl. 16—49.
- Schlage, Ernest L., to Schlage Lock Co. Low pressure pinion chamber for door closers. 2,829,395, 4-8-58, Cl. 16—52.
- Schlage, Ernest L., to Schlage Lock Co. Door lock. 2,831,336, 4-22-58, Cl. 70—146.
- Schlage, Ernest L., to Schlage Lock Co. Spindle locking construction. 2,847,242, 8-12-58, Cl. 292—169.
- Schlage, Ernest L., to Schlage Lock Co. Spindle aligning device. 2,852,294, 9-16-58, Cl. 292—169.
- Schlage, Ernest L., to Schlage Lock Co. Door closer arm adapter. 2,855,623, 10-14-58, Cl. 16—59.
- Schlage, Ernest L., to Schlage Lock Co. Heat releasable device for hold open door closers. 2,859,842, 11-11-58, Cl. 189—49.
- Schlage, Ernest L., to Schlage Lock Co. Spindle mechanism for locks. 2,865,667, 12-23-58, Cl. 292—169.
- Schlage, Ernest L., J. A. Tornoe, and A. H. Green, to Schlage Lock Co. Lock spindle construction. 2,834,194, 5-13-58, Cl. 70—146.
- Schlage Lock Co. : *See—*
- Green, Armin H. 2,859,997.
- Schlage, Ernest L. 2,820,241.
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- Schlanger, Daniel J., to Keyes Fibre Co. Container cover and method of making. 2,832,522, 4-29-58, Cl. 229—2.5.
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- Schlatter, H. A., Aktiengesellschaft : *See—*
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- Schlatter, Hans A., and E. Wegmann. Apparatus for removing burrs from flash butt-welded, profiled work pieces. 2,852,985, 9-23-58, Cl. 90—24.
- Schlatter, Maurice J., to California Research Corp. Process for producing 1,2,3-trialkylbenzenes by alkyl transfer reactions. 2,860,169, 11-11-58, Cl. 260—612.
- Schlaudecker, George F. : *See—*
- Miller, Emery B., and Schlaudecker. 2,861,078.
- Schlebusch, Ludwig. Screening apparatus. 2,835,775, 5-20-58, Cl. 219—10.51.
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- Schlebusch, Ludwig. Induction influenced screening apparatus. 2,866,551, 12-30-58, Cl. 209—238.
- Schlecht, Leo : *See—*
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- Schlecht, Leo, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Recovery of platinum group metals from sulfidic raw materials. 2,829,967, 4-8-58, Cl. 75-114.
- Schlecht, Leo, and G. Trageser, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for producing sintered metal articles. 2,826,499, 3-11-58, Cl. 75-211.
- Schlecht, Leo, and E. Oestreicher, to Badische Anilin- & Soda-Fabrik Akt. Production of metal powders. 2,846,299, 8-5-58, Cl. 75-0.5.
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- Schlegel, Kurt. Adjusting stroke mechanism. 2,838,939, 6-17-58, Cl. 74-110.
- Schlegel, Martin S.: See—
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- Schlegel, Robert E. Line tie. 2,831,229, 4-22-58, Cl. 24-131.
- Schlegel, Walter L., Jr., to American Steel Foundries. Snubbed truck. 2,849,964, 9-2-58, Cl. 105-197.
- Schlegel, Willy: See—
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- Schleicher, Harold E., to The Arrow-Hart & Hegeman Electric Co. Electromagnet and magnetic switch mounting. 2,859,302, 11-4-58, Cl. 200-104.
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- Schlenk, Herman, D. M. Sand, and J. A. Tillotson, to the Regents of the University of Minnesota. Stabilization of materials. 2,827,452, 3-18-58, Cl. 260-209.
- Schlenk, Wilhelm, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Separation of optical antipodes. 2,830,040, 4-8-58, Cl. 260-96.5.
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- Schlenker, Ernest. Hydrolysis of fats and oils. 2,831,006, 4-15-58, Cl. 260-415.
- Schlenker, Felix, to Chemische Werke Albert. Epoxy resin compositions containing polyvalent metal phenolates or phenolate-aldehyde resins and the process of their production. 2,837,493, 6-3-58, Cl. 260-33.4.
- Schlese, Gerhard H. C., to Spinnbau G. m. b. H. Drive for a set of cards. 2,847,716, 8-19-58, Cl. 19-98.
- Schlesinger, Albert, K. Schoen, and S. M. Gordon, to Endo Laboratories, Inc. Monocalcium monoperazine salt of ethylenediaminetetraacetic acid. 2,834,782, 5-13-58, Cl. 260-268.
- Schlesinger, Arthur H.: See—
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- Schlesinger, Joseph H., to Eagle Chemical Co. Shoes for golfers. 2,847,769, 8-19-58, Cl. 36-2.5.
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- Schlesinger, Kurt, and V. Graziano, to Motorola, Inc. Television dot scanning system. 2,823,258, 2-11-58, Cl. 178-7.5.
- Schlesman, Carleton H. Method and apparatus for telemetering information from a missile in flight. 2,852,208, 9-16-58, Cl. 244-14.
- Schlessel, Bernard: See—
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- Schlicht, Raymond C., to The Texas Co. Superbasic alkaline earth metal sulfonates. 2,856,359, 10-14-58, Cl. 252-33.
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- Schlichtig, Ralph C. Air conditioning system for dwellings. 2,829,504, 4-8-58, Cl. 62-3.
- Schlichting, Frederick P., to ACF Industries, Inc. Relieved wrench socket for holding either a nut or headed fastener. 2,834,240, 5-13-58, Cl. 81-125.
- Schlichting, Karl F., to Nordischer Maschinenbau Rud. Baader. Method of conveying fish through fish dressing machines. 2,832,988, 5-6-58, Cl. 17-45.
- Schlichting, Karl F., to Nordischer Maschinenbau Rud. Baader. Fish head and tail cutter. 2,835,918, 5-27-58, Cl. 17-4.
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- Petersen, Karl, and Schlichtkrull. 2,849,370.
- Schlichtkrull, Jörgen, and I. M. Nöring, to Novo Therapeutisk Laboratorium A/S. Process for crystallization of insulin using freeze dried insulin as seeding material. 2,819,999, 1-14-58, Cl. 167-75.
- Schlicke, Heinz M., to Allen-Bradley Co. High dielectric type antenna. 2,841,791, 7-1-58, Cl. 343-787.
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- Eben, Franz, Hofmann, and Pirwitz. 2,821,401.
- Emmerich, Ernst. 2,828,859.
- Maass, Franz, and Sturzer. 2,825,405.
- Steinfurt, Josef, Kreutz, and Holstein. 2,863,343.
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- Schloss, Fred. Low frequency noise and shock isolation mount. 2,830,780, 4-15-58, Cl. 248-22.
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- Schlosser, Herbert, to Horizons Inc. High resistance photoconductor. 2,844,493, 7-2-58, Cl. 117-211.
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- Schlotzhauer, Leon R., and K. T. Wood, to Corning Glass Works. Method of making a refractory body and article made thereby. 2,842,447, 7-8-58, Cl. 106-57.
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- Blanchard, André. 2,827,572.
- Boller, Harry B. 2,821,256.
- Chivens, Clyde C., and Fields. 2,851,107.
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- Schuster, Nick A. 2,829,824.
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- Schlumbohm, Peter. Centrifugal blowers. 2,856,117, 10-14-58, Cl. 230-127.

- Schlumbrecht, John J. Pressure locking unit for hydraulic brakes. 2,864,469, 12-16-58, Cl. 188-152.
- Schlumpf, Albert, to G. Buehler. Link conveyor for driers of short-length food-paste products and the like. 2,850,150, 9-2-58, Cl. 198-196.
- Schlums, Otto W., to Whitin Machine Works. Yarn twist controller. 2,843,998, 7-22-58, Cl. 57-59.
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- Fischer, Louis, and Schlüssel. 2,845,671.
- Schlytern, Charles E. Multi-section door hinge and mounting. 2,863,504, 12-9-58, Cl. 160-201.
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- Schmalteidt, Irma: *See*—
- Brunswig, Karl. 2,821,201.
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- Schmauss, William F.: *See*—
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- Schmehl, Harry A., and F. H. Wright. Separation of solid particles of different sizes. 2,866,533, 12-30-58, Cl. 209-359.
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- Schmerling, Louis, and J. P. Luvisi, to Universal Oil Products Co. Hexachlorobicycloheptenyl benzenesulfonic acid. 2,860,161, 11-11-58, Cl. 260-505.
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- Schmid, Ernest. Manufacturing processes of ball cages for ball bearings. 2,824,357, 2-25-58, Cl. 29-148.4.
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- Schmid, Max, R. Mory, and C. Zickendraht, to Ciba Ltd. New metalliferous azo-dyestuffs. 2,819,259, 1-7-58, Cl. 260-147.
- Schmid, Raymond W.: *See*—
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- Kubik, Paul P., and Schmid. 2,836,452.
- Schmid, Raymond W., to The Yale & Towne Mfg. Co. Hold-back for cylindrical lock. 2,838,926, 6-17-58, Cl. 70-216.
- Schmid, William P.: *See*—
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- Schmid, Wolfgang K. Variable speed induction motor. 2,862,166, 11-25-58, Cl. 318-232.
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- Schmidgall, Hartzell H. Apparatus for making concrete culvert pipes. 2,823,439, 2-18-58, Cl. 25-30.
- Schmidle, Claude J., and R. C. Mansfield, to Rohm & Haas Co. 4-arypyridines. 2,847,414, 8-12-58, Cl. 260-290.
- Schmidlin, Albertus E., and W. E. Herr, to Specialties Development Corp. Compressor. 2,827,227, 3-18-58, Cl. 230-184.
- Schmidt, Adolf W., to The Rauland Corp. Method of manufacturing cathode-ray tubes. 2,841,505, 7-1-58, Cl. 117-18.
- Schmidt, Albert M., to AMP Inc. Electric cable shield termination. 2,862,993, 12-2-58, Cl. 174-75.
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- Schmidt-Barbo: *See*—
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- Schmidt, Charles E. Hydrostatic level. 2,819,538, 1-14-58, Cl. 33-209.
- Schmidt, Charles F. Seed planting machine. 2,826,335, 3-11-58, Cl. 221-185.
- Schmidt, Charles J., to E. I. du Pont de Nemours and Co. Filament guide. 2,860,373, 11-18-58, Cl. 18-8.
- Schmidt, Charles L.: *See*—
- Daubenspeck, John M., and Schmidt. 2,852,362.
- Schmidt, Edward G.: *See*—
- Nelson, Axel B., Schmidt, and Zinkil. 2,829,378.
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- Svabek, John E., Jr., and Schmidt. 2,850,034.
- Zinkil, Roy H., Newman, and Schmidt. 2,822,552.
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- Schmidt, Ekhart O., to Daimler-Benz Akt. Means for carburizing air for combustion in an engine. 2,843,368, 7-15-58, Cl. 261-79.
- Schmidt, Erich: *See*—
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- Schmidt, Ernest H., Jr. Automobile headlight control devices. 2,820,925, 1-21-58, Cl. 315-83.
- Schmidt, Ernie C. Protective screen device for automobile engines. 2,854,086, 9-30-58, Cl. 180-48.
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- Schmidt, Frederick G., to I-T-E Circuit Breaker Co. Motor operated circuit breaker. 2,864,912, 12-16-58, Cl. 200-92.
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- Brochhagen, Franzkarl, Schmidt, and Hoppe. 2,846,408.
- Schmidt, Fritz, to International Standard Electric Corp. Circuit arrangement for transmitting signal over telephone lines. 2,831,061, 4-15-58, Cl. 179-5.
- Schmidt, Fritz and E., to Garvenswerke Maschinen-, Pumpen- und Waagenfabrik W. Garvens. Pump. 2,831,436, 4-22-58, Cl. 103-127.
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- Schmidt, Henry N., and G. J. Ceiling-suspended serving tray. 2,830,707, 4-15-58, Cl. 211-114.
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- Rayburn, Charles C., Black, and Schmidt. 2,821,159.
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- Schmidt, John, to Guardian Electric Mfg. Co. Header for electrical devices and method of making the same. 2,843,708, 7-15-58, Cl. 200-166.
- Schmidt, John A.: See—
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- Schmidt, John W., to John Morrell & Co. Meat package. 2,822,275, 2-4-58, Cl. 99-174.
- Schmidt, Karl, G. m. b. H.: See—
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- Schmidt, Walter J.: See—
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- Schmidt-Ruppin, Heinrich: See—
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- Schmied, Joseph M., to Kitchens of Sara Lee, Inc. Method and means for icing food products. 2,855,891, 10-14-58, Cl. 118-2.
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- Schmieding, Warren H. F.: See—
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- Schmiege, Herbert F. Combination hoop and balance stick. 2,846,812, 8-12-58, Cl. 46-220.
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- Schmies, Robert W.: See—
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- Schmitt, Joy B., and W. H. Corbett, to The DeVilbiss Co. Nebulizer. 2,847,248, 8-12-58, Cl. 299-88.5.
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- Schmitz, Michael F., Jr. Rotating signal light. 2,823,366, 2-11-58, Cl. 340-49.
- Schmitz, Walter, to Siemens & Halske Akt. Relay contact arrangement and operation. 2,864,913, 12-16-58, Cl. 200-101.
- Schmitz, Werner, to P. Wolters. Garment-pressing under-lays. 2,845,727, 8-5-58, Cl. 38-140.
- Schmitz, William F.: See—
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- Schmitz, William R., to E. I. du Pont de Nemours and Co. Production of lysine-yielding hydantoins and of lysine therefrom. 2,833,780, 5-6-58, Cl. 260-309.5.
- Schmoeck, Carl J.: See—
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- Schmued, Edger, and J. G. Villepigue, to Northrop Aircraft, Inc. Rocket launching means. 2,856,820, 10-21-58, Cl. 89-1.7.
- Schmoldt, Karl A., to Western Electric Co., Inc. Assembly fixture for point contact device. 2,820,983, 1-28-58, Cl. 18-1.
- Schmoldt, Karl A., to Western Electric Co., Inc. Reciprocating wire-bending device for forming complex bends. 2,835,282, 5-20-58, Cl. 140-105.
- Schmutzler, Alfred F. Preparation of hydroxyalkyl carboxylates. 2,821,542, 1-28-58, Cl. 260-475.
- Schmutzler, Alfred F., to American Cyanamid Co. Resin composition and process of preparing the same. 2,846,414, 8-5-58, Cl. 260-70.
- Schnabel, Fred C. All purpose drip tray and plate. 2,856,095, 10-14-58, Cl. 220-85.
- Schnabel, Julius W., to Thompson Products, Inc. Multiple accessory control valve. 2,850,879, 9-9-58, Cl. 60-97.
- Schnable, George L., to Philco Corp. Method of electro-depositing metals. 2,845,387, 7-29-58, Cl. 204-64.
- Schnable, George L., and J. Roschen, to Philco Corp. Method of soldering leads to semi-conductor devices. 2,842,841, 7-15-58, Cl. 29-495.
- Schnable, George L., and M. Sadowsky, to Philco Corp. Semi-conductor unit and method of making it. 2,857,560, 10-21-58, Cl. 317-235.
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- Schneider, Abraham, to Sun Oil Co. Preparation of organic acids having a quaternary alpha carbon atom. 2,864,858, 12-16-58, Cl. 260-514.
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- Schneider, Adolf G., to Schneider Brothers Co. Hydraulic turbo drive and brake. 2,858,675, 11-4-58, Cl. 60-54.
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- Schneider, Arthur E. Stoppering devices. 2,835,092, 5-20-58, Cl. 53-321.
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- Schneider, Herbert, to Martins Ferry Glove Co. Glove with wire mesh reinforcing. 2,864,091, 12-16-58, Cl. 2-161.
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- Schneider, Joseph P. Material loading, packing and closure construction for vehicles. 2,832,484, 4-29-58, Cl. 214-53.3.
- Schneider, Julius L., to Continental Can Co., Inc. Manufacture of closure seals having formed cushion pads therein. 2,823,422, 2-18-58, Cl. 18-59.
- Schneider, Karl, to Schweizerische Lokomotiv- und Maschinenfabrik. Internal combustion engines of the injection type. 2,828,724, 4-1-58, Cl. 123-32.
- Schneider, Karl, to Harnischfeger Corp. Power shovel. 2,832,485, 4-29-58, Cl. 214-136.
- Schneider, Karl. Process for the condensation of atmospheric humidity and dissolution of fog. 2,835,530, 5-20-58, Cl. 299-28.
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- Schneider, Lawrence A. Encapsulated product and method and apparatus for making same. 2,837,881, 6-10-58, Cl. 53-21.
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- Schneider, William P., A. H. Nathan, and J. A. Hogg, to The Upjohn Co. 3 ketals and 3 enol ethers of 2-chloro 11 β , 21-dihydroxy 4, 17/20- [cis] pregnadiene-3-one and 21-acetyl esters thereof. 2,865,914, 12-23-58, Cl. 260-239.55.
- Schneider, William P., F. H. Lincoln, and J. A. Hogg, to The Upjohn Co. 2-methyl steroids and process. 2,865,935, 12-23-58, Cl. 260-397.45.
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- Schnell, Steve, to Wagner Electric Corp. Brake pedal ratio changer. 2,844,228, 7-22-58, Cl. 188-152.
- Schnell, Steve, to Wagner Electric Corp. Powered hydraulic brake assembly. 2,848,876, 8-26-58, Cl. 60-54.6.
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- Schneller, Rudy F., to The McNeil Machine & Engineering Co. Lubricating system. 2,845,142, 7-29-58, Cl. 184-7.
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- Schnitzer, Emanuel. Bank pass shock absorber. 2,866,633, 12-30-58, Cl. 267-64.
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- Schnitzius, Homer D., to The Richardson Co. Assembly apparatus. 2,853,118, 9-23-58, Cl. 154-1.
- Schnizer, Arthur W., to Celanese Corp. of America. Ketene reactions. 2,820,057, 1-14-58, Cl. 260-544.
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Scholl, Frank J. 2,835,248.
Shaw, Harold K. 2,844,387.
Scholl, William M. Bunion pad and the like. 2,827,049,
3-18-58, Cl. 128—153.
Scholl, William M. Metatarsal pad and package. 2,835,379,
5-20-58, Cl. 206—47.
Scholl, William M. Foot imprinting device. 2,853,821,
9-30-58, Cl. 41—4.
Scholl, William M. Apparatus for forming arch supports.
2,866,229, 12-30-58, Cl. 18—19.
Schollenberger, Elwood P.: *See*—
Benson, Charles J., Potter, Rose, and Schollenberger.
2,830,841.
Schollick, Francis, and B. Y. Downing, to American Cyanamid
Co. Process for preparing thixotropic polyester resin com-
position and product obtained thereby. 2,857,359, 10-21-58,
Cl. 260—454.
Scholten, Karl E., to Mannegmann Aktiengesellschaft. Tube
with external longitudinal ribs. 2,835,275, 5-20-58, Cl.
138—70.
Scholten, Richard A., to The Indiana Steel Products Co.
Magnetic hammer. 2,864,417, 12-16-58, Cl. 145—30.
Scholz, Edwin R. Collapsible clothing rack. 2,852,145,
9-16-58, Cl. 211—178.
Scholz, Heinrich, and P. Guenther, to Badische Anilin- &
Soda-Fabrik Aktiengesellschaft. Production of 1,2-diamino-
cyclohexanes. 2,828,313, 3-25-58, Cl. 260—293.
Scholz, Victor F.: *See*—
Coffin, Harry A. 2,823,695.
Schon, Richard. Rolling electric machine with increased
torque. 2,866,110, 12-23-58, Cl. 310—82.
Schoneberg, Ernest. Draw bar hitches. 2,835,510, 5-20-58,
Cl. 280—504.
Schoneberg, Ernest. Steam baths. 2,864,097, 12-16-58, Cl.
4—160.
Schönenberger, Franz, to Harris-Intertype Corp. Alternat-
ing switching attachment for typographical machines.
2,865,496, 12-23-58, Cl. 199—24.
Schonrock, Edwin A. Bulk material compactor for refuse
trucks. 2,836,316, 5-27-58, Cl. 214—501.
Schonrock, Edwin A. Tilting dump trailers for detachable
fifth wheel and winch mounting assembly. 2,860,006,
11-11-58, Cl. 298—20.
Schonwise, Theodore H., to Armour and Co. Article releas-
ing apparatus. 2,846,721, 8-12-58, Cl. 17—24.
Schor, Milton, to A. H. Wirz, Inc. Strippable and nonstrip-
able label combination and method. 2,825,159, 3-4-58,
Cl. 40—2.
Schooler, Nathan. Wall mounted cantilevered partition.
2,865,476, 12-23-58, Cl. 189—34.
Schooler, Allen H. Precision range indicator. 2,850,727,
8-2-58, Cl. 343—13.
Schoonover, Archie G.: *See*—
Feild, Theophilus A., Jr., Schoonover, and Purse.
2,859,086.
Schoonover, Paul L., to Monolith Portland Cement Co.
Mounting for a rotary mill. 2,853,246, 9-23-58, Cl.
241—178.
Schoonover, Walter A. Valves. 2,831,471, 4-22-58, Cl.
123—119.
Schoos, Maurice A., and J. C. Burke, to General Electric Co.
Cordset hanking machine. 2,835,089, 5-20-58, Cl. 53—116.
Schonrock, Edwin A. Overload release for refuse compactor.
2,823,814, 2-18-58, Cl. 214—82.
Schopp, Arthur V., Jr.: *See*—
Libera, John J., Puetz, and Schopp. 2,839,364.
Schoppee, Lawrence W., to Package Machinery Co. Article
feeding means. 2,840,223, 6-24-58, Cl. 198—34.
Schor, Abraham, and R. J. Rudnick; said Schor assor. to
said Rudnick. Dispensing protective packages for a plu-
rality of rolls of web material. 2,848,104, 8-19-58, Cl.
206—58.
Schor, Milton, to A. H. Wirz, Inc. Strippable label and
method. 2,855,707, 10-14-58, Cl. 40—21.
Schorger, Arlie W.: *See*—
Eichmeier, Russell R., and Schorger. 2,825,645.
Schorf, Rudolf, and J. Schmid, to Firma Junkers & Co.
G. m. b. H. Gas burner arrangement. 2,828,815, 4-1-58,
Cl. 158—140.
Schörner, Christian, to Maschinenfabrik Augsburg-Nürnberg
A. G. Connection of ceramic and metallic machine parts.
2,821,357, 1-28-58, Cl. 253—77.
SchorNSTein, Waldemar, and F. Kern, to Ciba Ltd. Process
for separating niobium and tantalum from materials con-
taining these metals. 2,842,424, 7-8-58, Cl. 23—18.
SchorNSTeimer, Robert E., and H. P. Campbell, to The B. F.
Goodrich Co. Method for making flexible, vapor-permeable,
water-resistant vinyl films and the like having improved
slit and hand. 2,819,981, 1-14-58, Cl. 117—11.
Schorr, Manfred: *See*—
Ruschig, Heinrich, Schmidt-Barbo, Leditschke, Schorr,
and Lammier. 2,830,056.
Ruschig, Heinrich, Siedel, Leditschke, Schorr, Schmidt-
Barbo, and Lammier. 2,827,467.
Schossberger, Frederic V., to Armour Research Foundation
of Illinois Institute of Technology. Method for the prepa-
ration of titanium tetrachloride. 2,857,242, 10-21-58, Cl.
23—87.
Schossberger, Frederic V., to Armour Research Foundation
of Illinois Institute of Technology. Dry alkali chloro-
titanates and method of making the same. 2,857,243,
10-21-58, Cl. 23—87.
Schossberger, Frederic V., to Armour Research Foundation
of Illinois Institute of Technology. Method for the pro-
duction of titanium. 2,857,264, 10-21-58, Cl. 75—84.5.
Schossberger, Frederic V., to Armour Research Foundation
of Illinois Institute of Technology. Method for the pro-
duction of titanium. 2,857,265, 10-21-58, Cl. 75—84.5.
Schostal, Richard. Cleaning device for cleaning windows
and dishes. 2,864,114, 12-16-58, Cl. 15—244.
Schott, Albert H.: *See*—
Clark, David P., and Schott. 2,829,237.
Schott, Charles D., to Link-Belt Co. Belt training idler.
2,821,291, 1-28-58, Cl. 198—202.
Schott, Charles M., to Thomas Electronics, Inc. Electron
gun. 2,846,607, 8-5-58, Cl. 313—082.
Schott, Howard H., and E. R. Burmeister, to General Mills,
Inc. Venting arrangement for steam irons. 2,833,062,
5-6-58, Cl. 38—77.
Schott, Stuart: *See*—
Baus, Harry, and Schott. 2,859,117.
Hansley, Virgil L., and Schott. 2,824,799.
Hansley, Virgil L., and Schott. 2,843,622.
Hansley, Virgil L., and Schott. 2,843,623.
Hansley, Virgil L., Schott, and Wynkow. 2,865,968.
Schott, Stuart, to National Distillers and Chemical Corp.
Chemical process for preparation of dialkali metal dimers
of diolefins. 2,865,969, 12-23-58, Cl. 260—665.
Schott, Stuart, and V. L. Hansley, to National Distillers and
Chemical Corp. Growth accelerator. 2,847,451, 8-12-58,
Cl. 260—465.4.
Schott, Stuart, and E. A. Allgeier, to National Distillers and
Chemical Corp. Synthesis of glycols from conjugated ali-
phatic diolefins. 2,850,539, 9-2-58, Cl. 260—635.
Schottthoefer, Joseph G. Metal slotting and shaping device.
2,826,124, 3-11-58, Cl. 90—55.
Schottthoefer, Joseph G. Ventilating control means for water
closets or toilets. 2,851,696, 9-16-58, Cl. 4—216.
Schouten, Gerrit H., and H. C. A. Van Duuren, to North
American Philips Co., Inc. Rhythmic telegraph system.
2,820,089, 1-14-58, Cl. 178—2.
Schrack, Eduard. Tripping device for circuit breakers for
the protection of polyphase circuits against over-current
and phase asymmetry. 2,833,887, 5-6-58, Cl. 200—116.
Schrack, Roald A.: *See*—
Marton, Ladislav L., Schrack, and Simpson. 2,840,743.
Schrader, Dale L., to American Metal Climax, Inc. Linear
actuator. 2,860,266, 11-11-58, Cl. 310—112.
Schrader, Gerhard, to Farbenfabriken Bayer Aktiengesell-
schaft. Azidoethyl-thiophosphoric acid esters. 2,829,111,
4-1-58, Cl. 260—349.
Schrader, Gerhard, to Farbenfabriken Bayer Akt. Phenol
and thiophenol methylene alkyl ethers. 2,833,829, 5-6-58,
Cl. 260—609.
Schrader, Gerhard, to Farbenfabriken Bayer Akt. Dithio-
carbonic acid esters and production. 2,839,561, 6-17-58,
Cl. 260—455.
Schrader, Gerhard, to Farbenfabriken Bayer Akt. Thio-
phosphoric acid esters and their production. 2,862,019,
11-25-58, Cl. 260—461.
Schrader, Gerhard, to Farbenfabriken Bayer Akt. Thio-
phosphoric acid esters and their production. 2,864,849,
12-16-58, Cl. 260—461.

- Schrader, Gerhard, and A. Dorken, to Farbenfabriken Bayer Akt. Thiophosphoric acid esters and their production. 2,852,513, 9-16-58, Cl. 260—247.1.
- Schrader, Gerhard, and A. Dorken, to Farbenfabriken Bayer Akt. Thiophosphoric acid esters and their production. 2,852,514, 9-16-58, Cl. 260—247.1.
- Schrader, Gerhard, and W. Lorenz, to Farbenfabriken Bayer Akt. Benzyl esters of thiophosphoric acids and their production. 2,862,017, 11-25-58, Cl. 260—461.
- Schrader, Le Roy C., to Marvel Industries, Inc. Trailer coupling of the ball and socket type. 2,823,931, 2-18-58, Cl. 280—513.
- Schrader, Loren E., to Ironrite Inc. Ironing machine clutch assembly. 2,851,800, 9-16-58, Cl. 38—59.
- Schrage, Frederick S., to H. E. Bergren and L. J. Adkins. Ornamental metal railing, fence, etc. 2,823,014, 2-11-58, Cl. 256—21.
- Schraishuhn, Edward A., to Socony Mobil Oil Co., Inc. Feeding granular solid material into a high pressure region. 2,854,157, 9-30-58, Cl. 214—17.
- Schram, Antoine, to Compagnie Generale de Radiologie. X-ray generator tubes. 2,863,083, 12-2-58, Cl. 313—330.
- Schram, Robert E.: *See—*
Birkel, Walter G., and Schram. 2,819,743.
- Schrameck, Jack E., and R. E. Kane, to Westinghouse Electric Corp. Circuit interrupters. 2,831,933, 4-22-58, Cl. 200—82.
- Schramm, Arthur G. Elevatable bed vehicle. 2,838,191, 6-10-58, Cl. 214—505.
- Schramm, Arthur G. Elevatable straddle type carrier. 2,853,308, 9-23-58, Cl. 280—44.
- Schramm, Carl, to The Smyth Mfg. Co. Book feeding mechanism. 2,842,254, 7-8-58, Cl. 198—34.
- Schramm, Charles H., to Lever Brothers Co. Nontarnishing detergent compositions. 2,848,420, 8-19-58, Cl. 252—137.
- Schramm, Harry B.: *See—*
Bostock, James H., and Schramm. 2,862,560.
- Schramm, Wilson B., and R. R. Ziemer, to the United States of America as represented by the Secretary of the Navy. Laminated internal finned air-cooled strut-supported turbine blade. 2,828,106, 3-25-58, Cl. 253—77.
- Schrank, George I., to Specialties Development Corp. Delayed action valve controlling apparatus. 2,865,592, 12-23-58, Cl. 251—25.
- Schraub, Willi, to Schramm & Co. G. m. b. H. Horizontal boring machine with guide. 2,853,901, 9-30-58, Cl. 77—3.
- Schraufstatter, Ernst, to Schenley Industries, Inc. 4-sulfonyl derivatives of salicylic acid. 2,852,557, 9-16-58, Cl. 260—519.
- Schraufstatter, Ernst, to Schenley Industries, Inc. Diaryl disulfonamides and processes for their production. 2,860,165, 11-11-58, Cl. 260—556.
- Schreck, Irvin F. Means for producing differential steering of a pair of wheels. 2,848,247, 8-19-58, Cl. 280—96.
- Schreck, Irving E. Tracing device. 2,829,274, 4-1-58, Cl. 250—106.
- Schrecongost, Ray, to Sylvania Electric Products Inc. Television scanning system. 2,820,894, 1-21-58, Cl. 250—27.
- Schreiber, Albert A., to McLaughlin Gormley King Co. Insecticidal compositions. 2,842,476, 7-8-58, Cl. 167—24.
- Schreiber, Charles M., to Olin Mathieson Chemical Corp. Projectile and method of making the same. 2,838,000, 6-10-58, Cl. 102—92.5.
- Schreiber, Erich, to H. List. Device for reducing the lubricating oil consumption of two-stroke internal combustion engines. 2,852,010, 9-16-58, Cl. 123—65.
- Schreiber, Ernst, to Veb Werk Fur Fernmeldewesen. Electric organ. 2,841,043, 7-1-58, Cl. 84—113.
- Schreier, Frank J. Rail fastener. 2,822,986, 2-11-58, Cl. 238—377.
- Schreiner, Edmund D.: *See—*
Lubkin, Samuel, and Schreiner. 2,854,624.
- Schreiner, Kenneth E.: *See—*
Bland, George F., Schreiner, and Havens. 2,854,192.
- Schreiner, Kenneth E., and J. P. Cedarholm, to International Business Machines Corp. Checking circuit. 2,837,278, 6-3-58, Cl. 235—61.
- Schreiner, Stanley M.: *See—*
Di Torro, Michael J., Graham and Schreiner. 2,845,599.
- Schreiner, Warren C., to The M. W. Kellogg Co. Purification of acetylene. 2,838,133, 6-10-58, Cl. 183—115.
- Schreitz, William G.: *See—*
Gross, Martin R., and Schreitz. 2,828,622.
- Schremp, Frederick W., to Sperry Rand Corp. Separable unit type action and case shift mechanism for noiseless typewriters. 2,854,119, 9-30-58, Cl. 197—25.
- Schrenk, Hans A., to American Enka Corp. False twister. 2,866,311, 12-30-58, Cl. 57—77.3.
- Schrenk, Hans A., and P. van Dijk, to American Enka Corp. Apparatus for producing varying denier filaments. 2,847,703, 8-19-58, Cl. 18—8.
- Schrenk, Hans A., P. van Dijk, and J. W. I. Heijnis, to American Enka Corp. Thread twisting device. 2,855,750, 10-14-58, Cl. 57—77.3.
- Schretzmayer, John, Jr., to American Telephone and Telegraph Co. Program transmission reversible network. 2,843,682, 7-15-58, Cl. 179—171.
- Schreyer & Co.: *See—*
Muller, Heinrich, and Girz. 2,860,447.
- Schreyer, Kenneth D., H. F. Parker, and E. E. Robins, to Columbus McKinnon Chain Corp. Merchandise storage means. 2,851,165, 9-9-58, Cl. 211—1.5.
- Schreyer, Ralph C., to E. I. du Pont de Nemours and Co. Production of aromatic acid halides. 2,856,425, 10-14-58, Cl. 260—544.
- Schreyer, Ralph C., to E. I. du Pont de Nemours and Co. Hydrogenation of perfluoroalkanoic acids to 1,1-dihydroperfluoroalkyl alcohols over ruthenium catalyst. 2,862,977, 12-2-58, Cl. 260—633.
- Schria, John C., Jr., to United States of America, Navy. Mechanical to video transducer for superimposing additional information on a television scene. 2,851,519, 9-9-58, Cl. 178—5.6.
- Schrier, Rollen D.: *See—*
Berg, Ellsworth E. 2,828,519.
- Schriewer, Hans: *See—*
Schulze, Herbert, and Schriewer. 2,823,139.
- Schriggins, Edwin P., to Jantzen Inc. Knit panty-girdle and method of making same. 2,837,904, 6-10-58, Cl. 66—176.
- Schrimshaw, Albert C. Shaft clamp and control lever construction. 2,856,214, 10-14-58, Cl. 287—54.
- Schriner, John E.: *See—*
Meyers, George L., Shutt, and Schriner. 2,825,365.
- Schroder, Charles, to Underwood Corp. Key interlock. 2,835,369, 5-20-58, Cl. 197—107.
- Schroder, Edgar, to Firma Bopp & Reuther G. m. b. H. Differential pressure producer. 2,863,318, 12-9-58, Cl. 73—213.
- Schroder, Hubert. Infra-red transmitting mirror. 2,852,980, 9-23-58, Cl. 88—105.
- Schroder, Karl. Method and composition for increasing animal growth rate. 2,860,049, 11-11-58, Cl. 99—2.
- Schrodt, Ariel G.: *See—*
Libby, Willard F., and Schrodt. 2,855,349.
- Schroeder, Albert W., to Chicago Metallizing Co., Inc. Coating articles with metal. 2,845,366, 7-29-58, Cl. 117—65.
- Schroeder, Alfred C., to Radio Corp. of America. Tricolor pickup tube. 2,820,167, 1-14-58, Cl. 313—65.
- Schroeder, Alfred C., to Radio Corp. of America. Matrixing apparatus. 2,846,574, 8-5-58, Cl. 250—27.
- Schroeder, Alfred C., to Radio Corp. of America. Color television receiver. 2,858,366, 10-28-58, Cl. 178—5.4.
- Schroeder, Arthur C., to Schroeder Machines Corp. Carton-handling apparatus. 2,831,300, 4-22-58, Cl. 53—63.
- Schroeder, Arthur C., to Schroeder Machines Corp. Carton handling machine. 2,836,946, 6-3-58, Cl. 53—186.
- Schroeder, Carl W.: *See—*
Mueller, Albert C., Schroeder, and Shokal. 2,828,592.
- Schroeder, Carl W., to Shell Development Co. Treatment of textile materials and composition therefor. 2,826,514, 3-11-58, Cl. 117—103.
- Schroeder, Carl W., to Shell Development Co. Treatment of wool containing textiles. 2,829,071, 4-1-58, Cl. 117—135.5.
- Schroeder, Carl W., to Shell Development Co. Sulfur-containing resinous products from poly-epoxides. 2,831,830, 4-22-58, Cl. 260—47.
- Schroeder, Charles S., to The Yale & Towne Mfg. Co. Time delayed controller. 2,825,771, 3-4-58, Cl. 200—34.
- Schroeder, Emil A., and O. E. Theis. Power operated agricultural implement with motor driving the steering wheel. 2,825,416, 3-4-58, Cl. 180—26.
- Schroeder, Eugene N., to International Business Machines Corp. Detector circuit. 2,850,649, 9-2-58, Cl. 307—88.5.
- Schroeder, George F.: *See—*
McKenney, Henry F., Schroeder, and Demetriou. 2,823,363.
- Schroeder, George F., and V. H. Seliger, to Sperry Rand Corp., Ford Instrument Co. Division. Electric multiplier for analog computers. 2,855,148, 10-7-58, Cl. 235—61.
- Schroeder, George O., and K. M. Frase, to American Can Co. Container with sanitary pouring surface and protecting barriers. 2,826,348, 3-11-58, Cl. 229—7.
- Schroeder, Gerald W. Windows for surgical casts. 2,855,922, 10-14-58, Cl. 128—91.
- Schroeder, Gertrude D.: *See—*
Schroeder, John B. 2,865,725.
- Schroeder, Hansjuegen, and C. J. Grundmann, to Olin Mathieson Chemical Corp. Preparation of 2,4 bis(alkyl)-6-hydroxy 1,3,5 triazine. 2,832,778, 4-29-58, Cl. 260—248.
- Schroeder, Harald: *See—*
Pohlemann, Heinz, Schroeder, Stummeyer, and Adolphi. 2,865,912.
- Schroeder, Henry, to Combustion Engineering, Inc. Grate organization. 2,840,048, 6-24-58, Cl. 122—235.
- Schroeder, Henry F. Mechanism for reducing porosity of die castings. 2,866,240, 12-30-58, Cl. 22—68.
- Schroeder, Herman E., and J. M. Tinker, to E. I. du Pont de Nemours & Co. Polyurethane elastomers cured with diisocyanates. 2,853,472, 9-23-58, Cl. 260—77.5.
- Schroeder, John B., deceased, by G. D. Schroeder, administratrix, to Econ-O-Cloth. Polishing article. 2,865,725, 12-23-58, Cl. 51—303.
- Schroeder, John D., to Century Geophysical Corp. Developer for electrostatic photography. 2,822,779, 2-11-58, Cl. 118—637.
- Schroeder, John W. Binder type record holder. 2,854,007, 9-30-58, Cl. 129—43.
- Schroeder Machines Corp.: *See—*
Schroeder, Arthur C. 2,831,300.
Schroeder, Arthur C. 2,836,946.
- Schroeder, Manfred R., to Bell Telephone Laboratories, Inc. Vocoder transmission system. 2,857,465, 10-21-58, Cl. 179—15.55.

- Schroeder, Otto A. Smoke consumer. 2,833,528, 5-6-58, Cl. 261-21.
- Schroeder, Victor C., to Thompson Products, Inc. Bearing assembly for a high altitude booster pump. 2,848,283, 8-19-58, Cl. 308-63.
- Schroeder, Willard F., to National Distillers and Chemical Corp. Process of bleaching kraft pulp with alkaline hypochlorite bleach acidifying the pulp containing residual chlorine and then bleaching with alkaline peroxide. 2,865,701, 12-23-58, Cl. 8-106.
- Schroeder, William: *See*—
- Katz, Leon, Cohen, and Schroeder. 2,824,876.
- Schroepel, Paul R., to J. L. Case Co. Suspension and control means for rotary side delivery rake. 2,833,106, 5-6-58, Cl. 56-377.
- Schroer, John B. Hand railing and mounting. 2,834,621, 5-13-58, Cl. 287-54.
- Schroer, Walter E., V. Trybinski, Jr., and I. H. Walling, to Loose Leaf Metals Co. Utility prong metal. 2,863,377, 12-23-58, Cl. 129-17.
- Schroeter, Edwin A. Pipe trestle. 2,846,168, 8-5-58, Cl. 248-149.
- Schrotenboer, Benjamin C.: *See*—
- Bradford, William J., Jr., and Schrotenboer. 2,851,933.
- Schroter, Kurt, and B. Walterscheid-Muller, to Jean Walterscheid Maschinenfabrik and Hammerwerk. Freewheeling safety clutch. 2,846,859, 8-12-58, Cl. 64-29.
- Schroth, John J.: *See*—
- Scanlon, Joseph J., and Schroth. 2,850,163.
- Schroyer, Patrick L. Awning. 2,830,334, 4-15-58, Cl. 20-57.5.
- Schryver, Levi E., to Sedgwick Machine Works, Inc. Inclined passenger elevators. 2,856,027, 10-14-58, Cl. 187-12.
- Schuba, Leo C., to Tribune Co. Web severing device for printing presses. 2,821,914, 2-4-58, Cl. 101-224.
- Schubauer, Edouard, to Sodoco, Societe des Compteurs de Geneve. Register resetting mechanism. 2,842,316, 7-8-58, Cl. 235-144.
- Schubert, Andree P.: *See*—
- Schubert, Leo. 2,836,891.
- Schubert, Dale L.: *See*—
- Erickson, Harold E., and Brookhyser. 2,860,790.
- Schubert, Dale L., H. E. Erickson, N. E. Nelson, and D. A. Brown; said Erickson, said Nelson, and said Brown, assignors to said Schubert. Mat segregating mechanism and methods. 2,824,610, 2-25-58, Cl. 164-76.
- Schubert, Elliot N., P. L. Du Brow, and R. L. Betcher, to Armour and Co. Triazine aldehyde compounds and fuel oil compositions containing the same. 2,852,354, 9-16-58, Cl. 44-63.
- Schubert, Jack: *See*—
- Boyd, George E., Adamson, Schubert, and Russell. 2,855,269.
- Russell, Edwin R., Adamson, Schubert, and Boyd. 2,859,093.
- Schubert, Jack, to United States of America, Atomic Energy Commission. Separation of plutonium from aqueous solutions by ion-exchange. 2,837,401, 6-3-58, Cl. 23-14.5.
- Schubert, Leo, deceased, by R. Schubert, nee Adler, legal representative, to R. Schubert, nee Adler, and M. M. and A. P. Schubert, sole heirs. Extension bridge. 2,836,891, 6-3-58, Cl. 32-5.
- Schubert, Marcel M.: *See*—
- Schubert, Leo. 2,836,891.
- Schubert, Milton V., Jr., and J. B. Manago, Jr., to LML Engineering & Mfg. Corp. Traveling feed cart. 2,845,193, 7-29-58, Cl. 214-83.18.
- Schubert, Paul: *See*—
- Klug, Kurt, and Schubert. 2,821,008.
- Schubert, Rosa: *See*—
- Schubert, Leo. 2,836,891.
- Schubring, Norman W.: *See*—
- Hunter, Joseph E., Jr., and Schubring. 2,848,891.
- Schucan, Hans L.: *See*—
- Schmid, Max, Moser, Bolleter, and Schucan. 2,819,258.
- Schuchard, Walter F., and C. A. P. Johnson, to S. H. Couch Co., Inc. Switching system. 2,822,435, 2-4-58, Cl. 200-16.
- Schuchardt, John R. Die casting and trimming apparatus. 2,848,770, 8-26-58, Cl. 22-48.
- Schuck, Oscar H., to Minneapolis-Honeywell Regulator Co. Control apparatus for aircraft. 2,832,552, 4-29-58, Cl. 244-77.
- Schuck, Oscar H., to United States of America, Navy. Means to alter the directivity pattern of energy translating devices. 2,837,728, 6-3-58, Cl. 340-9.
- Schucker, Frederick L., to Rohm & Haas Co. Method of bleaching mechanically-disintegrated wood pulp with hydro-sulfite bleach containing an alkali metal citrate. 2,826,478, 3-11-58, Cl. 8-104.
- Schueder, George M., to Evans Products Co. Freight loading cross bar. 2,837,039, 6-3-58, Cl. 105-369.
- Schueler, Arnold P., and F. A. Wolff, to E. I. du Pont de Nemours and Co. Liquid phase oxidation of acyclohexane. 2,825,742, 3-4-58, Cl. 260-586.
- Schueler, Arthur W., to Precision Welder & Machine Co. Magnetic force welders. 2,863,985, 12-9-58, Cl. 219-86.
- Schueler, George B. E. Method of making hollow sand cores for metal casting. 2,825,107, 3-4-58, Cl. 22-194.
- Schuenemann, Paul G., Jr., to Clevite Corp. Apparatus for measuring thickness of lap and the like. 2,858,614, 11-4-58, Cl. 33-148.
- Schuetz, Clyde C., to United States Gypsum Co. Dutch lap shingling. 2,858,777, 11-4-58, Cl. 108-9.
- Schuetz, Gerhart W., to The Ore & Chemical Corp. Separatory apparatus. 2,825,459, 3-4-58, Cl. 209-172.5.
- Schuetz, Gerhart W., and J. L. Kearns, to The Ore & Chemical Corp. Separatory apparatus. 2,825,460, 3-4-58, Cl. 209-172.5.
- Schuetze, Hilmar O., to Great Lakes Stamp & Mfg. Co., Inc. Label activator. 2,821,612, 1-28-58, Cl. 219-19.
- Schuh, Niles F., Jr.: *See*—
- King, Raymond E., Jr., and Schuh. 2,840,725.
- Schuh, Niles F., to Westinghouse Electric Corp. Voltage sensitive control device. 2,866,106, 12-23-58, Cl. 307-88.5.
- Schuhmaschinen-Gesellschaft Hanke & Co., m. b. H.: *See*—
- Lorenz, Werner. 2,853,726.
- Schuldiner, Sigmund: *See*—
- White, Joseph C., and Schuldiner. 2,844,532.
- Schule, Elmer C.: *See*—
- Lowery, Joseph H., and Schule. 2,856,373.
- Schulenburg, Edward J. Detector for highway vehicle traffic. 2,823,279, 2-11-58, Cl. 200-86.
- Schuler, John J.: *See*—
- Flückiger, Willy. 2,852,892.
- Schuler, L. A. G.: *See*—
- Keck, Karl. 2,840,207.
- Knoch, Leo. 2,829,746.
- Meyer cordt, Fritz. 2,827,143.
- Schuler, Wilhelm, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Ethynyl piperidyl carbanic acid esters. 2,838,518, 6-10-58, Cl. 260-294.3.
- Schulin, Gotthilf, and K. Haage, to Delmag-Maschinenfabrik Reinhold Dornfeld. Explosively actuated impact tool with free-piston. 2,838,032, 6-10-58, Cl. 123-7.
- Schulken, Roger M., Jr.: *See*—
- Shields, Donald J., Kibler, and Schulken. 2,856,305.
- Schulken, Roger M., Jr., and R. E. Boy, Jr., to Eastman Kodak Co. Stabilization of acrylic nitrile polymer compositions to heat. 2,835,647, 5-20-58, Cl. 260-45.9.
- Schulken, Roger M., Jr., and J. W. Tamblin, to Eastman Kodak Co. Stabilization of linear polyester resins against degradation by hydrolysis by the addition of an acrylamide polymer. 2,848,432, 8-19-58, Cl. 260-45.4.
- Schulken, Roger M., Jr., and H. Long, to Eastman Kodak Co. Process of treating shaped articles from non-heat-setting sulfone acid-diol polymers. 2,856,636, 10-21-58, Cl. 18-47.5.
- Schulken, Roger M., Jr., W. I. Kaye, J. W. Tamblin, and H. Long, to Eastman Kodak Co. Process for the after-treatment of polymeric articles. 2,856,638, 10-21-58, Cl. 18-48.
- Schulkes, Johannes A.: *See*—
- Gorter, Evert W., and Schulkes. 2,851,419.
- Schuller, Otto, and F. Malek-Naegeli. Syringe with sterilization means. 2,837,092, 6-3-58, Cl. 128-218.
- Schuller, Walter H., to American Cyanamid Co. Novel anionic guanamine phosphonates and methods for preparing same. 2,822,364, 2-4-58, Cl. 260-249.9.
- Schuller, Walter H., to American Cyanamid Co. Novel mixtures of quaternary ammonium salts. 2,848,413, 8-19-58, Cl. 252-8.8.
- Schuller, Walter H., to American Cyanamid Co. Polyethoxamers of novel quaternary ammonium salts and method for preparing the same. 2,848,451, 8-19-58, Cl. 260-249.9.
- Schuller, Walter H., to American Cyanamid Co. Novel quaternary ammonium salts and method of preparing same. 2,848,452, 8-19-58, Cl. 260-249.9.
- Schuller, Walter H., to American Cyanamid Co. Polyethoxamer of a novel quaternary ammonium salt and process for preparing the same. 2,848,453, 8-19-58, Cl. 260-249.9.
- Schuller, Werner. Apparatus for drawing glass filaments. 2,838,879, 6-17-58, Cl. 49-17.
- Schulman, Bernard L.: *See*—
- Jahnig, Charles E., May, and Schulman. 2,865,847.
- Schulman, Bernard L., and W. G. May, to Esso Research and Engineering Co. Fluidized solids catalytic reforming process. 2,864,763, 12-16-58, Cl. 208-136.
- Schulman, Glenn, to Glenn Laboratories. Liquid shortenings and method of improving baked goods. 2,864,703, 12-16-58, Cl. 99-91.
- Schulman, Glenn, to Glenn Laboratories. Liquid shortenings. 2,864,705, 12-16-58, Cl. 99-118.
- Schulmerich Electronics, Inc.: *See*—
- Beach, Earle J., and Kunz. 2,841,044.
- Kunz, Jacob T. 2,822,716.
- Schulpen, Karel H. N. Device for cutting, sawing or similarly sub-dividing material. 2,856,974, 10-21-58, Cl. 143-60.
- Schult, Joachim C. E.: *See*—
- Shrader, Marvin O., Dimond, and Schult. 2,839,534.
- Schulte, Frank, to H & H Machine & Motor Parts Co. Methods and means for repairing cracked castings. 2,838,145, 6-10-58, Cl. 189-36.
- Schulte, John W., and J. F. Suttle, to the United States of America as represented by the United States Atomic Energy Commission. Method and means for radiation dosimetry. 2,824,234, 2-18-58, Cl. 250-83.
- Schulte, Josef. Parking wheel. 2,838,187, 6-10-58, Cl. 214-16.1.
- Schulte, Raymond H. Window construction. 2,847,725, 8-19-58, Cl. 20-12.
- Schultheis, Harry B., Jr.: *See*—
- Ragland, Earl A., and Schultheis. 2,823,345.

- Schultheis, Heinrich, and D. Delfs, to Farbenfabriken Bayer Aktiengesellschaft. Condensation products of sulfonic acid, aliphatic aldehyde and α -chlorophenol and process of preparation. 2,829,122, 4-1-58, Cl. 260—49.
- Schultheis, Heinz, and D. Delfs, to Farbenfabriken Bayer Bkt. Condensation products. 2,843,564, 7-15-58, Cl. 260—49.
- Schultheiss, Alvin J.: *See—*
- Piker, Herbert M., and Schultheiss. 2,863,581.
- Schultness, Ernest. Oil hose. 2,854,030, 9-30-58, Cl. 138—56.
- Schults, Charles F., to H. Herzog. Valve seating tool. 2,830,500, 4-15-58, Cl. 90—12.5.
- Schultz, Arthur J.: *See—*
- Newland, Arthur E., and Schultz. 2,865,365.
- Schultz, Curtis J., to Motorola, Inc. Central station interrogation via relays of unattended data satellites which answer back. 2,864,943, 12-16-58, Cl. 250—15.
- Schultz, Everett M.: *See—*
- Sprague, James M., and Schultz. 2,835,676.
- Schultz, Everett M., to Merck & Co., Inc. Benzene 1,3 disulfonamides possessing diuretic properties. 2,835,702, 5-20-58, Cl. 260—556.
- Schultz, Forrest O. E., to Midland-Ross Corp. Control valve. 2,841,178, 7-1-58, Cl. 137—627.5.
- Schultz, Frederick E., to General Electric Co. Tube-bundle combustion chamber. 2,844,939, 7-29-58, Cl. 60—39.69.
- Schultz, George: *See—*
- Thompson, Herman M. 2,826,242.
- Schultz, Harold B. Collapsible camping trailer. 2,836,456, 5-27-58, Cl. 296—23.
- Schultz, Harold B., to Bendix Aviation Corp. Open center poppet type valve. 2,837,061, 6-3-58, Cl. 121—46.5.
- Schultz, Harold W.: *See—*
- Maiserson, Theodore, Todd, and Schultz. 2,819,987.
- Schultz, Henry J., to B. Walker. Venetian blind. 2,842,196, 7-8-58, Cl. 160—173.
- Schultz, Henry J., to B. Walker. Battery tester. 2,844,813, 7-22-58, Cl. 340—249.
- Schultz, Herman J., to Direct Image Offset Corp. Machine for de-embossing lithographic printing plates. 2,827,942, 3-25-58, Cl. 153—32.
- Schultz, Jacob: *See—*
- Boguss, Sidney A., and Schultz. 2,819,000.
- Schultz, John B., to Radio Corp. of America. Automatic gain control system. 2,848,603, 8-19-58, Cl. 250—20.
- Schultz, John B., to Radio Corp. of America. Transistor amplifier with overload protection. 2,860,196, 11-11-58, Cl. 179—171.
- Schultz, John H. Devices for controlling door-operable electric switches. 2,856,477, 10-14-58, Cl. 200—61.79.
- Schultz, John, Jr.: *See—*
- King, Burnham W., and Schultz. 2,864,721.
- Schultz, Julius O., and T. F. Crusinberry, to Ford Motor Co. Corn picker snapping rolls. 2,842,929, 7-15-58, Cl. 56—103.
- Schultz, Melvin L.: *See—*
- Hahn, Edwin E., Schultz, Morton, and Morris. 2,844,737.
- Hahn, Edwin E., Jr., and Schultz. 2,824,235.
- Schultz, Robert T., to Motordyne Inc. Power oscillators. 2,837,651, 6-3-58, Cl. 250—36.
- Schultz, Roy M., to Bishop David Freeman Co. Garment bagging device. 2,861,403, 11-25-58, Cl. 53—256.
- Schultz-Sweetman, Inc.: *See—*
- Sweetman, Paul N. 2,823,914.
- Schultz, Sydney L., to The Perfection Burial Vault Co. Burial vault. 2,851,761, 9-16-58, Cl. 27—35.
- Schultz, Theodore J., to United States of America, Navy. Acoustic wattmeter. 2,836,656, 5-27-58, Cl. 179—1.
- Schulz, Theodore R., to The Symington-Gould Corp. Resilient side bearing. 2,828,169, 3-25-58, Cl. 308—138.
- Schultz, Thomas H., to United States of America, Agriculture. Preparation of solid flavoring compositions. 2,856,291, 10-14-58, Cl. 99—140.
- Schultz, Thomas H., A. H. Brown, and L. H. Walker, to United States of America, Agriculture. Production of flavoring oil compositions. 2,857,281, 10-21-58, Cl. 99—140.
- Schulz, Walter E. P. Releasable bale hook. 2,851,298, 9-9-58, Cl. 294—26.
- Schultz, Warner W., to General Electric Co. Radiation detection device. 2,841,715, 7-1-58, Cl. 250—71.
- Schultz, Werner F.: *See—*
- Eshbaugh, Jesse E., Lamar, and Schultz. 2,845,893.
- Schultz, Wilfred R., to Temprite Products Corp. Self-contained water cooler of the bubbler type. 2,865,182, 12-23-58, Cl. 62—298.
- Schultz, William C., to West Virginia Pulp and Paper Co. Web feeding and cutting mechanism. 2,855,997, 10-14-58, Cl. 164—68.
- Schultz, William J.: *See—*
- Truesdell, Francis W., and Schultz. 2,849,551.
- Schultz, William J., to General Electric Co. Control device. 2,836,989, 6-3-58, Cl. 74—504.
- Schultz, William J., and C. F. Van Bennekom, to General Electric Co. Electrical switch. 2,858,385, 10-28-58, Cl. 200—27.
- Schultze, Harold E., to General Motors Corp. Rod seal for a shock absorber. 2,848,261, 8-19-58, Cl. 288—19.
- Schultze, Henry C.: *See—*
- Hoaglin, Raymond L., Plummer, and Schultze. 2,858,343.
- Schultze, Kurt H., to H. Lindner G. m. b. H. Apparatus for the repeated settings of one or several movable machine parts, such as the work-tables of machine tools. 2,827,699, 3-25-58, Cl. 33—1.
- Schulz, A. Geo., Co.: *See—*
- Osterberg, Carl T. 2,834,508.
- Schulz, Edward A., to Western Electric Co., Inc. Lever actuated chuck. 2,844,379, 7-22-58, Cl. 279—120.
- Schulz Tool and Mfg. Co.: *See—*
- Mosher, James K. 2,836,474.
- Mosher, James K. 2,842,157.
- Mosher, James K. 2,851,055.
- Mosher, James K. 2,854,022.
- Schulz, William: *See—*
- Conlin, James R., and Schulz. 2,837,625.
- Schulz, William E., to E. I. du Pont de Nemours and Co. Red lead composition having improved flow properties. 2,836,483, 5-27-58, Cl. 52—2.
- Schulz, William L.: *See—*
- Smith, Hiram B., and Schulz. 2,843,719.
- Schulze, Carl, to General Motors Corp. Steering gears particularly for motor vehicles. 2,826,932, 3-18-58, Cl. 74—500.
- Schulze, Carl J.: *See—*
- Huser, Richard J., and Schulze. 2,828,020.
- Schulze, Chris C., B. H. Kirby, and R. E. Brouillard, to General Aniline & Film Corp. Procedures for the preparation of the leuco sulfuric esters of vat dyestuffs. 2,842,552, 7-8-58, Cl. 260—303.
- Schulze, Fred M. Removable jaw faces for a slidable jaw. 2,820,385, 1-21-58, Cl. 81—180.
- Schulze, Heinrich W. Multi-element articles of furniture. 2,829,934, 4-8-58, Cl. 311—35.
- Schulze, Heinz: *See—*
- Popeck, Stanley P., and Schulze. 2,829,975.
- Schulze, Herbert, and H. Schriewer, to Vereinigte Deutsche Metallwerke Aktiengesellschaft. Method of increasing the scaling resistance of metallic objects. 2,823,139, 2-11-58, Cl. 117—71.
- Schulze, Herman W., and D. W. Scofield, to Philco Corp. Vapor treating means. 2,846,557, 8-5-58, Cl. 219—35.
- Schulze, John J.: *See—*
- Tregay, John L., and Schulze. 2,851,373.
- Schulze, John J., to Charles Bruning Co., Inc. Charging of photo-conductive insulating material. 2,863,063, 12-2-58, Cl. 250—217.
- Schulze, Richard P.: *See—*
- Schinkel, Henry L. 2,863,587.
- Schulze, Robert E., to Culligan, Inc. Automatic service unit for softening and conditioning water. 2,863,559, 12-9-58, Cl. 210—126.
- Schum, Eugene F., and H. J. Wimmer, to the United States of America as represented by the Secretary of the Navy. Air-cooled, strut supported turbine blade. 2,825,530, 3-4-58, Cl. 253—39.15.
- Schum, Wesley R.: *See—*
- Batchelor, Joseph B., Jr. 2,856,587.
- Schumacher, Elmer L., to American Optical Co. Ophthalmic mountings. 2,844,071, 7-22-58, Cl. 88—41.
- Schumacher, Erwin A., and R. J. Bennett, to Union Carbide Corp. Miniature alkaline cell. 2,848,525, 8-19-58, Cl. 136—102.
- Schumacher, Erwin A., and G. W. Heise, to Union Carbide Corp. Electrolyte for an air-depolarized cell. 2,863,789, 12-9-58, Cl. 136—154.
- Schumacher, Frederick G., and G. J. Irwin, to E. I. du Pont de Nemours & Co. Particle size control in the production of sodium monoxide. 2,825,629, 3-4-58, Cl. 23—184.
- Schumacher, Frieda K.: *See—*
- Goby, Clifford S. 2,823,927.
- Schumacher, Hans: *See—*
- Kracht, Otto, and Schumacher. 2,845,082.
- Schumacher, Hector J. Bottle breaker and disposal system. 2,820,595, 1-21-58, Cl. 241—99.
- Schumacher, John N., 50% to D. W. Duffy. System for charging a mixture of air and fuel into the intake pipe of an internal combustion engine. 2,855,283, 10-7-58, Cl. 48—184.
- Schumacher, Joseph C.: *See—*
- Stern, David R., and Schumacher. 2,840,519.
- Schumacher, Leon B. System of transporting highway vehicles by rail. 2,841,094, 7-1-58, Cl. 105—159.
- Schumacher, Raymond C.: *See—*
- Winship, James W., and Schumacher. 2,818,618.
- Winship, James W., and Schumacher. 2,824,347.
- Schumacher, Walter B., to Sperry Rand Corp. Self re-setting control mechanism. 2,826,933, 3-18-58, Cl. 74—535.
- Schumacker, Robert V. Fish hook extractors. 2,836,003, 5-27-58, Cl. 43—53.5.
- Schuman, Gunnar B. Pole climbing device. 2,836,335, 5-27-58, Cl. 227—26.
- Schuman, Paul D., and E. J. Chu, to Resistoflex Corp. Production of preforms and longitudinally curved articles of polytetrafluoroethylene resin. 2,863,174, 12-9-58, Cl. 18—55.
- Schuman, Ralph H., to The Warner & Swasey Co. Electromagnetic clutch. 2,862,590, 12-2-58, Cl. 192—84.
- Schumann, Alfred F. Valves. 2,861,769, 11-25-58, Cl. 251—86.
- Schumann, Alfred F., to Hauck Mfg. Co. Fluid fuel burners. 2,863,500, 12-9-58, Cl. 158—76.
- Schumann, Fritz, to Deutscher Spinnereimaschinenbau Ingolstadt, Niederlassung der Schubert & Salzer Maschinenfabrik Akt. Driving mechanism for the nippers of combing machines. 2,865,055, 12-23-58, Cl. 19—116.

- Schumann, Heinrich. Device for pressing insulating material around the long and straight-lined coil members of motors and generators. 2,824,338, 2-25-58, Cl. 18-16.
- Schumann, Henry A., 50% to R. A. Wirth and 50% to L. E. Harris. Wheel adjuster. 2,837,815, 6-10-58, Cl. 29-267.
- Schumann, Herbert, H. Zink, and H. Wenz, to G. M. Pfaff A.-G. Sewing machines. 2,863,409, 12-9-58, Cl. 112-158.
- Schumann, Lawrence R. Basting brush. 2,834,037, 5-13-58, Cl. 15-160.
- Schumann, Richard W. K.: See—
- Nallinger, Friedrich K. H., Uhlenhaut, and Schumann. 2,842,980.
- Schumann, Robert H. Operating lever for farm tractor torque amplifier. 2,842,009, 7-8-58, Cl. 74-491.
- Schumann, Robert W., to Sperry Rand Corp. Conversion systems. 2,828,482, 3-25-58, Cl. 340-347.
- Schumann, Robert W., to Sperry Rand Corp. Magnetic modulator system. 2,861,244, 11-18-58, Cl. 332-51.
- Schumann, Robert W., to Sperry Rand Corp. Magnetic modulator system. 2,862,190, 11-25-58, Cl. 332-51.
- Schumar, James F.: See—
- West, John M., and Schumar. 2,838,452.
- Schummer, Nicholas. Sled ski. 2,824,746, 2-25-58, Cl. 280-28.
- Schunemann, Carl F., to Thompson Products, Inc. Switching system. 2,855,525, 10-7-58, Cl. 307-94.
- Schunemann, Carl F., and T. R. Thoren, to Thompson Products, Inc. Coaxial switch. 2,840,786, 6-24-58, Cl. 333-7.
- Schunemann, Hans-Bernhard, to Schnellpressenfabrik Koenig & Bauer Akt. Sheet feeding arrangement for printing machines. 2,831,425, 4-22-58, Cl. 101-232.
- Schunemann, Hans-Bernhard, to Schnellpressenfabrik Koenig & Bauer Akt. Feeding-drum for sheet-fed printing presses. 2,831,426, 4-22-58, Cl. 101-232.
- Schunke, Edwin C., to General Motors Corp. Thermocouple. 2,820,839, 1-21-58, Cl. 136-4.
- Shupp, Alfred J. Dispensing device for cylindrical objects. 2,834,513, 5-13-58, Cl. 221-151.
- Schurger, David L., and H. F. Hackedorn, Jr. Awnings. 2,848,763, 8-26-58, Cl. 20-57.5.
- Schurman, Glenn A.: See—
- Garvin, Walter W., and Schurman. 2,858,069.
- Schurman, Glenn A., to California Research Corp. Logging device. 2,847,655, 8-12-58, Cl. 340-18.
- Schurman, Glenn A., and P. M. Aagaard, to California Research Corp. Connector for detector cable. 2,825,039, 2-25-58, Cl. 339-92.
- Schurman, Jack V., to Colgate-Palmolive Co. Process for the production of fatty acid hydroxy amides. 2,863,888, 12-9-58, Cl. 260-404.
- Schurman, Max-Otto, and H. Haimel, to Farbenfabriken Bayer Akt. Apparatus for the aftertreatment of endless cables or tows of artificial filaments. 2,844,019, 7-22-58, Cl. 68-205.
- Schurr, Charles A.: See—
- Dobes, Michael J., and Schurr. 2,860,202.
- Schurr, Chris. Production of aluminum sulphate from waste materials. 2,844,439, 7-22-58, Cl. 23-323.
- Schustack, Edward H. Saddle clamp with pressure sealed annular gasket. 2,826,435, 3-11-58, Cl. 285-110.
- Schustack, Edward H. Pipe coupling. 2,826,799, 3-18-58, Cl. 24-279.
- Schuster, Curt R., Gelm, J. Eisele, and W. Federkiel, to Badische Anilin- & Soda-Fabrik Akt. Improvement of fastness of cellulose fibers with a polymerization product of basic vinyl compounds. 2,861,863, 11-25-58, Cl. 8-74.
- Schuster, Erich, to Thermac Co. Fluid pressure regulator and safety device. 2,842,146, 7-8-58, Cl. 137-66.
- Schuster, John H. Carton carrying and cutting implement. 2,854,678, 10-7-58, Cl. 7-14.1.
- Schuster, Karl U. Reed for looms for weaving metal gauze by means of shuttles. 2,815,955, 8-5-58, Cl. 139-192.
- Schuster, Ludwig K., and A. L. Baldi, Jr., to Kelsey-Hayes Co. Metal coating. 2,853,406, 9-23-58, Cl. 148-6.2.
- Schuster, Ludwig K., and A. L. Baldi, to Kelsey-Hayes Co. Metal treatment. 2,861,906, 11-25-58, Cl. 148-6.2.
- Schuster, Michael M., C. Z. Moore, and O. C. Wilkins, to Hi-Shear Rivet Tool Co. Collet with spring jaws. 2,856,192, 10-14-58, Cl. 279-50.
- Schuster, Nick A., to Schlumberger Well Surveying Corp. Automatic computer. 2,829,824, 4-8-58, Cl. 235-61.
- Schuster, Roman. Knife edge guiding device for woodworking machines. 2,832,383, 4-29-58, Cl. 144-253.
- Schuster, Siegfried J., to O. H. Drager. Sand or earth filter for shelters. 2,829,157, 6-17-58, Cl. 183-41.
- Schuster, Wilhelm. $\frac{1}{2}$ to V. Krause. Collapsible device. 2,822,896, 2-11-58, Cl. 189-26.
- Schutmaat, Wayne H., to Penn Controls, Inc. Automatic shut-off. 2,822,816, 2-11-58, Cl. 137-80.
- Schütt, Hartwig, W. Stein, F. Rank, and H. Schirp., to Henkel & Cie. G. m. b. H. Process for the recovery of terephthalic acid from solutions containing alkali metal salts of terephthalic acid. 2,841,615, 7-1-58, Cl. 260-525.
- Schutt, Norman C., J. L. Bjelland, and F. W. Flynn, to Powers Chemco, Inc. Etching machine. 2,836,917, 6-3-58, Cl. 41-9.
- Schutt, Norman C., J. L. Bjelland, and F. W. Flynn, to Powers Chemco, Inc. Etching machine. 2,857,697, 10-28-58, Cl. 41-9.
- Schutte, August H., to The Lummus Co. Continuous contact cracking. 2,846,373, 8-5-58, Cl. 196-55.
- Schutte, August H., to The Lummus Co. Continuous coking. 2,855,361, 10-7-58, Cl. 208-126.
- Schutte, Ethel M., to S. & E. Mfg. Co. Slip cover. 2,839,127, 6-17-58, Cl. 155-182.
- Schutte, Herman D., to Schutte Pulverizer Co., Inc. Hammer mill. 2,829,839, 4-8-58, Cl. 241-89.
- Schutte Pulverizer Co., Inc.: See—
- Schutte, Herman D. 2,829,839.
- Schutte, Richard W., K. W. Britt, and A. L. McConnell, to Scott Paper Co. Absorbent paper. 2,834,809, 5-13-58, Cl. 92-3.
- Schutter, George M., to Scully Signal Co. Tight fill connection for a fluid delivery system. 2,866,473, 12-30-58, Cl. 137-560.
- Schutz, Joseph M., to The Firestone Tire & Rubber Co. Sealing compound for tubeless tire. 2,818,902, 1-7-58, Cl. 152-347.
- Schütz, Karl H., to Jos. Schneider & Co., Optische Werke. Diaphragm-adjusting mechanism for photographic objectives. 2,845,013, 7-29-58, Cl. 95-64.
- Schutz, Nicolas P., and R. W. Woodgate, to Pye Marine Ltd., and Societe Generale d'Electricite et de Radio. Submarine echo-sounding apparatus for fishing vessels. 2,853,824, 9-30-58, Cl. 43-17.1.
- Schutze, Henry G.: See—
- Cier, Harry E., and Schutze. 2,830,016.
- Lampe, Frederick W., and Schutze. 2,824,055.
- Schutze, Henry G., to Esso Research and Engineering Co. Olefin polymerization process. 2,845,414, 7-29-58, Cl. 260-94.9.
- Schuyler, Clarence: See—
- Collins, Edward J., Collins, and Schuyler. 2,847,221.
- Schuyler, Ralph A., to Monte Verde Industries. Transmission for magnetic sound recording machines. 2,838,959, 6-17-58, Cl. 74-721.
- Schwab, Allen W. Slideable closure for dispensing tubes. 2,851,204, 9-9-58, Cl. 222-545.
- Schwab, Bernard, and L. Vautrey, to Commissariat à l'Energie Atomique. Devices for ensuring an electric contact between rotary parts of an electric machine. 2,845,554, 7-29-58, Cl. 310-178.
- Schwab, Carl E., to Hazeltine Research, Inc. Radar testing apparatus. 2,857,593, 10-21-58, Cl. 343-17.7.
- Schwab, Erich: See—
- Scharstein, Ernst, Schwab, and Lutz. 2,836,786.
- Schwab, Friedrich. Machine tool driving arrangement. 2,844,968, 7-29-58, Cl. 74-421.
- Schwab, Hans: See—
- Wahl, Georg, and Schwab. 2,843,417.
- Schwab, Hans, and R. Pfaffenhofen, to Karl Kassbohrer Fahrzeugwerke G. m. b. H. Vehicle with a plurality of wheel axles and suspension means therefor. 2,821,408, 1-28-58, Cl. 280-104.5.
- Schwab, Harold M. Power driven soil spades. 2,834,276, 5-13-58, Cl. 97-40.
- Schwab, Max, deceased: O. B. Schwab, administratrix of said M. Schwab, and K. W. Heimann. Electric sewing machine drives. 2,836,276, 5-27-58, Cl. 192-145.
- Schwab, Max, deceased: Olga B. Schwab, administratrix. Control means for an auxiliary drive in a work machine. 2,853,967, 9-30-58, Cl. 112-219.
- Schwab, Olga B.: See—
- Schwab, Max. 2,853,967.
- Schwabe, Herman, Inc.: See—
- Haas, Edgar. 2,843,864.
- Haas, Edgar. 2,863,161.
- Schwabe, Kurt, to Tissomat A. G. Brake tongues for the compartments of shuttle boxes in looms. 2,843,157, 7-15-58, Cl. 139-185.
- Schwager, August C., to Schwager-Wood Corp. High voltage circuit interrupting switch means. 2,838,636, 6-10-58, Cl. 200-145.
- Schwager, August C., to Schwager-Wood Corp. Circuit interrupting and isolating means for high voltage circuits. 2,838,637, 6-10-58, Cl. 200-145.
- Schwager, August C., and C. E. Kerr, Jr., to Schwager-Wood Corp. Arc free multiple break circuit interrupting and isolating means. 2,859,309, 11-4-58, Cl. 200-145.
- Schwager, George W., and W. J. Hogan, to Franklin X-ray Corp. Supports. 2,837,307, 6-3-58, Cl. 248-325.
- Schwager, Oskar, and F. Herlach, to Machine Tool Works Oerlikon, Administration Co. Cocking device for automatic firearms. 2,821,116, 1-28-58, Cl. 89-1.
- Schwager-Wood Corp.: See—
- Schwager, August C. 2,838,636.
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- Schwahn, Joseph L. Chair attachments for tables. 2,821,241, 1-28-58, Cl. 155-80.
- Schwaiger, Frank H., to Anheuser-Busch, Inc. Apparatus for and process of fermenting beer. 2,823,125, 2-11-58, Cl. 99-31.
- Schwalge, William C. Oil reclaiming. 2,839,196, 6-17-58, Cl. 210-180.
- Schwall, Julius C., to Wallin Industrial Corp. Coffee brewing machine. 2,822,746, 2-11-58, Cl. 99-287.
- Schwan, Gerhard. Clothes line and clothes pin assembly. 2,845,186, 7-29-58, Cl. 211-119.11.
- Schwan, Harold A.: See—
- Scharff, Fritz, and Schwan. 2,824,512.
- Schwan, Judith A., and R. E. Stauffer, to Eastman Kodak Co. Image sharpness in lenticular films. 2,856,282, 10-14-58, Cl. 96-26.
- Schwander, Erwin, to Societe d'Etude de Vehicules "S. E. V." Control method applicable to the feeding of boilers with water. 2,855,904, 10-14-58, Cl. 122-451.2.

- Schwaneke, Alfred E. and F. C., to Dormeyer Corp. Beverage maker. 2,856,842, 10-21-58, Cl. 99—281.
- Schwaneke, Alfred E. and F. C., to Dormeyer Corp. Beverage maker. 2,857,502, 10-21-58, Cl. 219—44.
- Schwaneke, Fred C.: *See*—
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- Schwaneke, Fred C., to Dormeyer Corp. Skillet. 2,822,747, 2-11-58, Cl. 99—411.
- Schwaneke, Fred C., to Dormeyer Corp. Cooking utensil. 2,863,693, 12-9-58, Cl. 294—29.
- Schwank, Gunther, deceased; Rheinisch-Westfälische "Resision" Treuhand Aktie. (Treuhand Aktie.) and W. Franken, executors, to American Infra Red Radiant Co., Inc. Radiant heater and broiler. 2,832,331, 4-29-58, Cl. 126—92.
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- Schwankl, Clarence H. Handling tongs. 2,828,155, 3-25-58, Cl. 294—16.
- Schwartz, Alexander, and E. Fogelson, to Leobarb Corp. Strip-folding apparatus. 2,820,630, 1-21-58, Cl. 270—79.
- Schwartz, Bert, to Hazel Bishop, Inc. Compacts. 2,865,497, 12-23-58, Cl. 206—37.
- Schwartz, Bertram, to Hughes Aircraft Co. Method of treating semiconductor bodies for translating devices. 2,832,702, 4-29-58, Cl. 117—200.
- Schwartz, Bertram to Hughes Aircraft Co. Treatment of semiconductor bodies. 2,854,358, 9-30-58, Cl. 117—200.
- Schwartz, Daniel E.: *See*—
Roy, James A. S., and Schwartz. 2,820,207.
- Schwartz, Daniel M., to The Eimco Corp. Vehicle and frame structure therefor. 2,833,361, 5-6-58, Cl. 180—648.
- Schwartz, Daniel M., to Eimco Corp. Material handling machine. 2,843,213, 7-15-58, Cl. 180—53.
- Schwartz, Daniel M., to The Eimco Corp. Lubricator. 2,857,982, 10-28-58, Cl. 184—55.
- Schwartz, Daniel M., and D. E. Hendrickson, to The Eimco Corp. Pivoted bucket loader. 2,857,064, 10-21-58, Cl. 214—131.
- Schwartz, David L. Insulation forming machine. 2,846,825, 8-12-58, Cl. 51—101.
- Schwartz, Edwin L.: *See*—
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- Schwartz, Francis H. Intermittent motion mechanism. 2,826,373, 3-11-58, Cl. 242—55.3.
- Schwartz, Harold H., and H. V. Ettore, to Empire Brushes, Inc. Clamp-in head yarn mop. 2,832,089, 4-29-58, Cl. 15—229.
- Schwartz, Harry. Umbrella containers for automobiles. 2,853,219, 9-23-58, Cl. 224—4245.
- Schwartz, Herbert, to Vineland Chemical Co. New butene derivatives and their preparation. 2,840,598, 6-24-58, Cl. 260—487.
- Schwartz, Howard R.: *See*—
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- Schwartz, Ira W., A. Gentoso, and E. Noyack, to Juliette Margien, Inc. Lipstick holder. 2,823,796, 2-18-58, Cl. 206—50.
- Schwartz, J. Leonard: *See*—
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- Schwartz, James W.: *See*—
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- Schwartz, Kenneth. Walkers' aids. 2,843,180, 7-15-58, Cl. 155—22.
- Schwartz, Lawrence, to Cue Fastener, Inc. Handling devices for slide fastener components. 2,822,770, 2-11-58, Cl. 112—2.
- Schwartz, Lawrence, to Cue Fastener, Inc. Mechanism for converting a right-hand sewing machine into a left-hand sewing machine. 2,829,612, 4-8-58, Cl. 112—162.
- Schwartz, Lawrence, to Cue Fastener, Inc. Apparatus for weaving narrow fabrics such as tapes, ribbons and the like. 2,843,156, 7-15-58, Cl. 139—18.
- Schwartz, Lawrence, to Cue Fastener, Inc. Method of making slide fasteners and the resulting product. 2,858,592, 11-4-58, Cl. 24—205.16.
- Schwartz, Louis. Mattress cover and method of making same. 2,838,772, 6-17-58, Cl. 5—354.
- Schwartz, Marcus, to S. & S. Industries, Inc. Boning. 2,830,300, 4-15-58, Cl. 2—257.
- Schwartz, Maximilian W. Motor vehicle load compensator. 2,824,752, 2-25-58, Cl. 280—124.
- Schwartz, Melvin M.: *See*—
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- Schwartz, Milton. Soldering cap for splicing wire conductors of electricity. 2,831,446, 4-22-58, Cl. 113—110.
- Schwartz, Morris, and W. Castedello. Photoflash bulbs. 2,844,018, 7-22-58, Cl. 67—31.
- Schwartz, Morris, W. Castedello, and E. K. Kaprelian, to The Kalart Co. Inc. Photoflash unit. 2,863,988, 12-9-58, Cl. 240—1.3.
- Schwartz, Myron E.: *See*—
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- Schwartz, Raymond H. Golf club cleaning device having a blade-carrying shank and brush-retaining means in combination. 2,857,608, 10-28-58, Cl. 15—111.
- Schwartz, Sidney, to Bantam-Lite, Inc. Flashlight. 2,843,730, 7-15-58, Cl. 240—10.65.
- Schwartz, Werner: *See*—
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- Schwartzkopf, William. Fishing rod holder. 2,835,065, 5-20-58, Cl. 43—13.
- Schwartzman, Irwin J. Clip. 2,831,228, 4-22-58, Cl. 24—81.
- Schwartzwalder, Karl: *See*—
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Counts, William E., Smith, and Schwartzwalder. 2,864,884.
- Schwartzwalder, Karl, and A. V. Somers, to General Motors Corp. Sealing cement for spark plug. 2,829,063, 4-1-58, Cl. 106—85.
- Schwartzwalder, Karl, and R. W. Smith, to General Motors Corp. Glass sealed centerwire structure. 2,837,679, 6-3-58, Cl. 313—145.
- Schwary, Robert E., to The New York Air Brake Co. Hydraulic control circuit with unloading means. 2,852,918, 9-23-58, Cl. 60—52.
- Schwarz, Benno. Induction regulator control for A. C. commutator machines. 2,819,440, 1-7-58, Cl. 318—244.
- Schwarz, Bertram A.: *See*—
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- Schwarz, Bertram A., and M. G. Wright, to General Motors Corp. Motor operated tuning means. 2,835,817, 5-20-58, Cl. 250—40.
- Schwarz, Carl. Stay feeding device for boxmaking machines. 2,821,889, 2-4-58, Cl. 93—84.
- Schwarz, Charles G. Protective door plate. 2,838,168, 6-10-58, Cl. 206—56.
- Schwarz, Erich G. K., to United States of America, Army. Secondary emission type of nuclear battery. 2,858,459, 10-28-58, Cl. 310—3.
- Schwarz, Frank W. Lawn sweeper and material disintegrator. 2,840,972, 7-1-58, Cl. 55—118.
- Schwarz, Friedrich W., to Hoffman Electronics Corp. Dip solder lug or clip for panel mounting. 2,830,278, 4-8-58, Cl. 339—17.
- Schwarz, George, to Powers Chemco, Inc. Photographic developers. 2,845,349, 7-29-58, Cl. 96—66.
- Schwarz, Hans, to E. Lacher. Closure for wrist-watch cases. 2,858,663, 11-4-58, Cl. 58—90.
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- Schwarz, Henry G. Juice extractors. 2,840,130, 6-24-58, Cl. 146—76.
- Schwarz, Herbert W. Kallert, C. Mühlhausen, and H. Holschmidt, to Farbenfabriken Bayer Akt. Production of polythioethers. 2,844,566, 7-22-58, Cl. 260—79.
- Schwarz, Karl H., and J. Drabik, to G. Kromschroder Akt. Gas pressure regulator. 2,834,373, 5-13-58, Cl. 137—484.2.
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- Schwarz Laboratories, Inc.: *See*—
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- Schwarz, Meyer: *See*—
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- Schwarz, Meyer, and P. J. Franklin, to United States of America, Army. Ion exchange resin battery. 2,844,642, 7-22-58, Cl. 136—153.
- Schwarz, Muriel A. Device for locating, measuring and placing bound buttonholes and pockets. 2,844,883, 7-29-58, Cl. 33—190.
- Schwarzbach, Friedrich: *See*—
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- Schwarzbeck, Eric, to Schnellpressenfabrik Akt. Heidelberg. Safety device for automatic platen printing press. 2,815,863, 8-5-58, Cl. 101—306.
- Schwarzberger, Arthur, to American Automation, Inc. Silk screen printing machines. 2,846,946, 8-12-58, Cl. 101—115.
- Schwarzenbach, Earl E., and M. F. Eickhorst, to Oak Mfg. Co. Electric switch means. 2,855,472, 10-7-58, Cl. 200—6.
- Schwarzer, Fred. Barbless fish hook and method of making the same. 2,853,827, 9-30-58, Cl. 43—43.4.
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- Krall, Friedrich. 2,844,845.
- Scanlan, Joseph P., and Alter. 2,845,346.
- Scanlan, Joseph P., and Alter. 2,851,216.
- Scanlan, Joseph P., and Alter. 2,851,354.
- Schwarzkopf, Henry, and J. G. Van Otterloo, to Consolidated Diamond Tool Corp. Cut off blades for abrasive bodies and their production. 2,818,850, 1-7-58, Cl. 125—15.
- Schwebel, Morris S. Heating pad. 2,842,655, 7-8-58, Cl. 219—46.
- Schwechten, Heinz-Werner, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of yellow vat dyes of the anthraquinone series. 2,830,989, 4-15-58, Cl. 260—261.
- Schwechten, Heinz-Werner, and R. Neef, to Farbenfabriken Bayer Akt. Process for the production of acylamino-anthraquinones. 2,864,823, 12-16-58, Cl. 260—287.
- Schwede, Otto G. Angular discriminating optical viewing device. 2,837,006, 6-3-58, Cl. 88—1.
- Schwedler, Gottfried: *See*—
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- Schwegman, Harry E., to Halliburton Oil Well Cementing Co. Fluid flow control device. 2,842,162, 7-8-58, Cl. 103—43.

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- Schwekert, Edward W. Cheese cutters. 2,829,434, 4-8-58, Cl. 30-116.
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- Schweike, Otto W. Trouble lamp. 2,861,175, 11-18-58, Cl. 240-54.
- Schweiter, Walter, and K. Marx, to Maschinenfabrik Schweiter AG. Dust and fluff exhausting device on winders. 2,863,611, 12-9-58, Cl. 242-18.
- Schweitzer, Carl E., to E. I. du Pont de Nemours and Co. Polycarbonamide from hexamethylene diamine and 2-bis-(carboxyphenyl) propane. 2,836,579, 5-27-58, Cl. 260-78.
- Schweitzer, Earl O., to The Swartwout Co. Vibration dampener. 2,837,175, 6-3-58, Cl. 188-1.
- Schweitzer, Edwin J., and W. E. Sonntag, to Thermal Research and Engineering Corp. Burner. 2,839,128, 6-17-58, Cl. 158-7.
- Schweitzer, George A. Tool for repairing mortar joints. 2,856,768, 10-21-58, Cl. 72-138.
- Schweitzer, Howard V.: See—
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- Schweitzer, Jean, to Compagnie Generale de Telegraphie Sans Fil. Oxide-coated cathodes for thermionic tubes. 2,830,027, 4-8-58, Cl. 252-521.
- Schweitzer, Kurt H. Child's seat for nesting carriers. 2,860,885, 11-18-58, Cl. 280-33.99.
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- Schweitzer, Peter J., Inc.: See—
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- Schweitzer, William V., to The American Hardware Corp. Mounting arrangement for a door latch or lock. 2,821,849, 2-4-58, Cl. 70-462.
- Schweitzer, William V., to The American Hardware Corp. Door lock. 2,862,751, 12-2-58, Cl. 292-224.
- Schweizer, Hans, to Aktiengesellschaft John. Jacob Rieter & Cie. Device for continuously mixing textile fibres. 2,828,510, 4-1-58, Cl. 19-146.
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- Schwelz, Edmund F., and C. C. Whistler, Jr., to General Motors Corp. Method of making refrigerating apparatus. 2,850,793, 9-9-58, Cl. 29-157.3.
- Schwendner, Anthony F., deceased, by D. M. Schwendner, administratrix, to Westinghouse Electric Corp. Fluid flow control apparatus. 2,853,095, 9-23-58, Cl. 137-486.
- Schwendner, Doris M.: See—
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- Schwenk, John W. Arrowheads. 2,864,618, 12-16-58, Cl. 273-106.5.
- Schwenk, Kurt. Self-supporting body of a car vehicle. 2,841,439, 7-1-58, Cl. 296-28.
- Schwenker, John E.: See—
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- Schwerbel, George W., and J. E. Mann. Bubble gun. 2,828,579, 4-1-58, Cl. 46-6.
- Schwerdhofer, Hans J., to Firma Fichtel & Sachs A. G. Gear setting gange for bicycles. 2,857,676, 10-28-58, Cl. 33-180.
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- Schwerin, Paul. Salivation testing methods and devices. 2,850,903, 9-9-58, Cl. 73-432.
- Schwertgefer, Walter J. Apparatus for dividing filled egg flats. 2,826,024, 3-11-58, Cl. 53-167.
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- Schwimmer, Morton: See—
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- Schwindt, Benjamin W. Flush type hollow core door. 2,827,670, 3-25-58, Cl. 20-35.
- Schwing, Joseph, and G. Schiazzano, to Duro-Test Corp. Fluorescent lamp and method of making. 2,838,707, 6-10-58, Cl. 313-109.
- Schwing, Russell L., to Thermal Mfg. Co. Heater. 2,864,929, 12-16-58, Cl. 219-19.
- Schwing, Russell L., to Mechanical Industries Production Co. Thermostat having end cap thereon. 2,866,042, 12-23-58, Cl. 200-138.
- Schwinn, Ernst, to Forschungsgesellschaft der Wabag Wasserreinigungsbau m. b. H. Water purification process. 2,831,578, 4-22-58, Cl. 210-65.
- Schwinn, Frank W. Auxiliary folding seat for boats and the like. 2,828,804, 4-1-58, Cl. 155-133.
- Schwisow, Arnold J. Printing device. 2,825,278, 3-4-58, Cl. 101-35.
- Schwitzki, Elvino. Arrows and darts. 2,828,965, 4-1-58, Cl. 273-106.5.
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- Schwyzler, Robert, to Ciba Pharmaceutical Products, Inc. Acylmercapto compounds. 2,824,863, 2-25-58, Cl. 260-112.
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- Schylander, Rune I. Liquid butane or propane vaporizing burner. 2,855,987, 10-14-58, Cl. 158-53.
- Schyttil, Franz, to Metallgesellschaft Akt. Coffee roaster. 2,857,683, 10-28-58, Cl. 34-57.
- Sciaky, David, to Welding Research, Inc. Gauging device for weld monitors. 2,851,583, 9-9-58, Cl. 219-86.
- Sciaky, David, to Welding Research, Inc. Method and apparatus for monitoring welds. 2,851,584, 9-9-58, Cl. 219-86.
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- Seigliano, Joseph J., and E. C. Britton, to The Dow Chemical Co. Method for the preparation of piperazines. 2,839,533, 6-17-58, Cl. 260-268.
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- Scinta, Anthony C., to Trico Products Corp. Windshield wiper. 2,821,732, 2-4-58, Cl. 15-245.
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- Scirba, Joseph. Hypodermic syringe assembly. 2,823,675, 2-18-58, Cl. 128-218.
- Scirba, Joseph. Glass grinding machine. 2,847,801, 8-19-58, Cl. 51-89.
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- Scofield, Donald W., to Philco Corp. Electrical heating unit. 2,833,908, 5-6-58, Cl. 219-37.
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- Scofield, Donald W., and E. C. Gulick, to Philco Corp. Cooking temperature measuring apparatus. 2,858,699, 11-4-58, Cl. 73-352.
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- Scorgie, Donald G. Phase lead network. 2,823,348, 2-11-58, Cl. 323-89.

- Scorgie, Donald G. Dielectric amplifier. 2,848,563, 8-19-58, Cl. 179-171.
- Scott, Alan D., and B. J. Hazzard, to Lever Brothers Co. Detergent compositions. 2,846,400, 8-5-58, Cl. 252-137.
- Scott, Albert B.: *See*—
- Haughney, Joseph P., and Scott. 2,839,434.
- Scott, Alexander D. N. Filter for air circulator. 2,862,573, 12-2-58, Cl. 183-70.
- Scott, Alexander G., and H. Weber, to Celanese Corp. of America. Method and apparatus for melt spinning. 2,838,793, 6-17-58, Cl. 18-8.
- Scott, Arthur K.: *See*—
- Greene, Robert L., and Scott. 2,825,686.
- Scott, Arthur L., and S. W. Trewbella, to Columbia Products Co. Ladder. 2,862,650, 12-2-58, Cl. 228-58.
- Scott Aviation Corp.: *See*—
- Benzel, Howard A. 2,822,817.
- Scott, Carleton B., to Union Oil Co. of California. Preparation of unsymmetrical trialkyl tetra-thio-ortho-phosphates. 2,820,049, 11-4-58, Cl. 260-461.
- Scott, Carleton B., to Collier Carbon and Chemical Corp. Fungicidal compositions comprising sulfurized mercaptols. 2,864,738, 12-16-58, Cl. 167-22.
- Scott, Carleton B., and J. W. Yale, Jr., to Collier Carbon and Chemical Corp. Fungicidal compositions. 2,856,325, 10-14-58, Cl. 167-22.
- Scott, Carleton B., and J. W. Yale, Jr., to Collier Carbon and Chemical Corp. Fungicidal compositions and methods of destroying fungi employing trialkyl tetra-thiophosphates. 2,861,023, 11-18-58, Cl. 167-22.
- Scott, Carleton B., and I. D. Webb, to Collier Carbon and Chemical Corp. Pesticidal compositions comprising sulfurized mercaptals. 2,864,739, 12-16-58, Cl. 167-22.
- Scott, Charles H., to Dorr-Oliver Inc. Overload responsive alarm for drive motor. 2,855,101, 10-7-58, Cl. 210-85.
- Scott, Charles H., to Dorr-Oliver Inc. Drive mechanism for pier supported rotary rake structure for settling tanks. 2,866,352, 12-30-58, Cl. 74-410.
- Scott, Charles L., to Westinghouse Electric Corp. Control circuit. 2,864,973, 12-16-58, Cl. 315-116.
- Scott, Charles L., and J. C. Klineck. Self-attending fire hose. 2,848,012, 8-19-58, Cl. 137-342.
- Scott, Charles R., and P. A. Wolf, to The Dow Chemical Co. Film forming aqueous colloidal dispersions containing nitrogenous condensation products and process for preparing same. 2,863,843, 12-9-58, Cl. 260-29.6.
- Scott, Clarence C. Construction of containers and system of stacking the same. 2,822,952, 2-11-58, Cl. 220-97.
- Scott, Cleveland R.: *See*—
- Ayers, Arnold L., and Scott. 2,842,936.
- Scott, Cleveland R., and J. V. Smith, to Phillips Petroleum Co. Polycyclic aldehydes as hypergolic fuels. 2,826,037, 3-11-58, Cl. 60-35.4.
- Scott, Cleveland R., and A. L. Avers, to Phillips Petroleum Co. Hypergolic fuel and method of propelling rockets. 2,859,587, 11-11-58, Cl. 60-35.4.
- Scott, David E., to Chrysler Corp. Combination tail lamp and fuel tank inlet assembly. 2,863,671, 12-9-58, Cl. 280-152.
- Scott, David R.: *See*—
- Elliott, Harold F., Scott, and Chesebrough. 2,864,292.
- Scott, Delmer D., to J. B. Nethercutt. Fishing lure construction. 2,820,314, 1-21-58, Cl. 43-42.1.
- Scott, Dennis L.: *See*—
- Reeves, Samuel E., and Scott. 2,839,815.
- Scott, Elmer T., and J. G. Willard, to Reed Rolled Thread Die Co. Thread rolling device. 2,819,631, 1-14-58, Cl. 80-6.
- Scott, Ervin N., to United States of America, Air Force. Drive mechanism. 2,853,883, 9-30-58, Cl. 74-87.
- Scott, Everett C., to Crest Foods Co., Inc. Solubilization of milk proteins. 2,832,685, 4-29-58, Cl. 99-20.
- Scott, Franklin D.: *See*—
- Dellinger, Orville L., and Scott. 2,864,612.
- Scott, George W.: *See*—
- MacLay, William R., and Scott. 2,863,004.
- Scott, Glenn L.: *See*—
- Albert, Milton P., and Scott. 2,831,145.
- Scott, Harold V. Writing implement. 2,846,978, 8-12-58, Cl. 120-102.
- Scott, Harry A., and C. A. Uncapher, to Continental Can Co., Inc. Apparatus for curling edges on paper drinking cups. 2,819,658, 1-14-58, Cl. 93-36.5.
- Scott, Harry A., and L. F. Fallows, to Continental Can Co., Inc. Paper cup body forming apparatus. 2,819,659, 1-14-58, Cl. 93-39.3.
- Scott, Hayes O., and R. L. Pietsch, to The Engineered Products Co. Magnetic latch. 2,840,408, 6-24-58, Cl. 292-251.5.
- Scott, Henry M., $\frac{3}{4}$ to T. B. Middleton and $\frac{1}{4}$ to J. J. Shanley. Body support. 2,834,032, 5-13-58, Cl. 5-327.
- Scott, Howard A., W. C. Snelling, and J. W. Young. 50% to said Scott, 25% to said Snelling, and 25% to said Young. Fire extinguisher for an air conveying stream. 2,825,145, 3-4-58, Cl. 34-43.
- Scott, Howard M.: *See*—
- Fogelberg, Arvin E., Jr., and Scott. 2,854,630.
- Scott, Howard R., and W. A. Border block. 2,865,136, 12-23-58, Cl. 47-23.
- Scott, James G., R. A. Freeman, and R. T. Houston, to American Percussion Tool Co. Well drilling equipment. 2,827,263, 3-18-58, Cl. 255-4.4.
- Scott, James I.: *See*—
- Yost, Charles W. 2,842,086.
- Scott, John E., to Sperry Rand Corp. Magnetic drum storage system. 2,862,199, 11-25-58, Cl. 340-174.
- Scott, John J., to United States Envelope Co. Paint brush wrapper. 2,841,273, 7-1-58, Cl. 206-15.1.
- Scott, John S., and F. E. Hagan. Fire escape. 2,852,175, 9-16-58, Cl. 228-19.2.
- Scott, John W., Jr., to California Research Corp. Fluid shale retorting with intermediate oil recovery. 2,832,725, 4-29-58, Cl. 202-6.
- Scott, John W., Jr., and J. B. Cull, to California Research Corp. Fluid retorting process. 2,844,525, 7-22-58, Cl. 202-14.
- Scott, Johnny N., and R. V. Jones, to Phillips Petroleum Co. Elastic insulating tape. 2,834,742, 5-13-58, Cl. 260-28.5.
- Scott, Joseph F. Music box mounts. 2,847,891, 8-19-58, Cl. 84-94.
- Scott, Kenneth W.: *See*—
- Sweet, Sterling S., Scott, and van Horn. 2,847,709.
- Scott, Larkin B., to The Perkin-Elmer Corp. Precision transducer. 2,833,979, 5-6-58, Cl. 323-43.5.
- Scott, Larkin B., to The Perkin-Elmer Corp. Interferometer. 2,841,049, 7-1-58, Cl. 88-14.
- Scott, Larkin B., to The Perkin-Elmer Corp. Precision transducer. 2,843,822, 7-15-58, Cl. 323-43.5.
- Scott, Lawrence B., and R. C. Morris, to Shell Development Co. Gasoline composition. 2,821,463, 1-28-58, Cl. 44-72.
- Scott, Martin. Strap operated back-up lamp for automobiles. 2,840,688, 6-24-58, Cl. 240-8.3.
- Scott, Masson & Co. Ltd.: *See*—
- Battersby, James E. 2,843,377.
- Lengyel, John P. 2,838,769.
- Scott, Milton J.: *See*—
- Cohen, Oscar P., and Scott. 2,837,446.
- Scott, Nathaniel C. Expandable medical examining shield for the hands. 2,847,676, 8-19-58, Cl. 2-159.
- Scott Paper Co.: *See*—
- Pedrick, John L., and Dawson. 2,861,722.
- Schutte, Richard W., Britt, and McConnell. 2,834,809.
- Sparrow, Donald B., and Powers. 2,862,922.
- Scott, Perry H. Backing rudder arrangement for vessels. 2,851,001, 9-9-58, Cl. 114-163.
- Scott, Phillip J.: *See*—
- Buss, Benjamin A., and Scott. 2,858,128.
- Scott, Platho P., Jr.: *See*—
- Lumms, James L., Murphy, and Scott. 2,846,390.
- Scott, Platho P., Jr., to Pan American Petroleum Corp. Low-water-loss cement composition and method of forming a slurry of the same. 2,865,876, 12-23-58, Cl. 260-29.6.
- Scott, Ray W. Apparatus for dyeing leather lacing. 2,836,048, 5-27-58, Cl. 69-1.
- Scott, Raymond E.: *See*—
- Klein, Clifford J., and Scott. 2,850,684.
- Scott, Richard C., to The UdyLite Corp. Voltage control system. 2,849,392, 8-23-58, Cl. 204-198.
- Scott, Robert C. Hardness tester. 2,835,127, 5-20-58, Cl. 73-81.
- Scott, Robert E., to Gagnier Fibre Products Co. Metal fastener assemblies. 2,820,270, 1-21-58, Cl. 24-73.
- Scott, Robert E., to Gagnier Fibre Products Co. Fastener clip. 2,833,011, 5-6-58, Cl. 24-73.
- Scott, Robert T., to Minneapolis-Honeywell Regulator Co. Inertial apparatus. 2,825,228, 3-4-58, Cl. 74-5.5.
- Scott, Robert T., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,825,789, 3-4-58, Cl. 219-20.
- Scott, Robert W.: *See*—
- Westlund, Roy A., Jr., and Scott. 2,843,548.
- Scott, Robert W., and F. B. Fischl, to Esso Research and Engineering Co. Extreme pressure lubricants. 2,839,471, 6-17-58, Cl. 252-33.4.
- Scott, Thomas M., and L. A. Freedman, to Radio Corp. of America. Transistor radio receiver tuning indicator. 2,836,713, 5-27-58, Cl. 250-20.
- Scott, Thomas V., to Morgan Fairest Ltd. Labelling machines. 2,833,439, 5-6-58, Cl. 216-55.
- Scott, Victor J., to Arco Mfg. Corp. Noise limiter for television receiver. 2,829,197, 4-1-58, Cl. 178-7.3.
- Scott Viner Co., The: *See*—
- Carmichael, Mead S., Jr. 2,865,378.
- Scott, Wallace A.: *See*—
- Scott, Howard R., and W. A. 2,865,136.
- Scott, Walter A., to The De Laval Separator Co. Centrifugal separator. 2,826,355, 3-11-58, Cl. 233-1.
- Scott, Walter J., to Western Electric Co., Inc. Methods of making ceramic articles. 2,822,600, 2-11-58, Cl. 25-156.
- Scott, Walter J. Magnetic separator. 2,826,302, 3-11-58, Cl. 209-218.
- Scott, Wilbert M. Collapsible hut. 2,856,942, 10-21-58, Cl. 135-4.
- Scott, William F., and A. W. Vonderhaar, to The Maytag Co. Support assembly. 2,854,297, 9-30-58, Cl. 308-145.
- Scott, William G. Lawn trimmer and edger having adjustable wheels. 2,854,804, 10-7-58, Cl. 56-25.4.
- Scott, William J., to The British Thomson-Houston Co. Ltd. Electric discharge devices. 2,830,231, 4-8-58, Cl. 315-41.
- Scott, William J., to Ideal Industries, Inc. Universal conduit box. 2,861,705, 11-25-58, Cl. 220-3.9.
- Scott, William J., and C. Z. Muskus, to The British Thomson-Houston Co., Ltd. Electric discharge devices. 2,842,714, 7-8-58, Cl. 315-39.
- Scott, William M., Jr., to L-T-E Circuit Breaker Co. Selective trip circuit breaker with instantaneous trip during closing. 2,849,569, 8-26-58, Cl. 200-108.

- Scott, William M., Jr., to I-T-E Circuit Breaker Co. Short time delay defector during closing stroke of circuit breaker. 2,849,570, 8-26-58, Cl. 200—108.
- Scott & Williams, Inc.: *See*—
 Folsom, George I. 2,829,508.
 McDonough, John J. 2,853,865.
 McDonough, John J. 2,858,684.
 Shelby, William E. 2,829,510.
 Shelnire, Stanley R. 2,821,846.
 Sirmay, Julius, and Brinton. 2,854,834.
- Scott, Wilmot H. Swivel seat. 2,834,399, 5-13-58, Cl. 155—95.
- Scovill Mfg. Co.: *See*—
 Alfandre, Harry. 2,848,147.
 Alfandre, Harry. 2,861,276.
 Aubuchon, William F. 2,838,831.
 Bailey, Robert G. 2,822,852.
 Barlow, Edward H. 2,865,595.
 Barlow, William H. 2,830,353.
 Blake, John T. 2,835,948.
 Brieche, Joseph. 2,862,515.
 Duell, Morgan V. 2,832,117.
 Fields, George C. 2,834,379.
 Fields, George C. 2,865,395.
 Firing, Osborne, and Huelster. 2,865,075.
 Howard, George G. 2,825,588.
 Kachergis, Henry J. 2,853,342.
 Kilmarx, Louis E., Jr. 2,854,018.
 Shotton, Harold F. 2,859,867.
 Sonntag, Karl F. 2,835,950.
 Williams, Selden T. 2,845,979.
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- Scoville, Thomas N. Vibration free support. 2,844,187, 7-22-58, Cl. 155—51.
- Scoville, William E. RF phase shift keying system for tele-type communication. 2,819,339, 1-7-58, Cl. 178—66.
- Scoville, William E. Commutator synchronizer. 2,819,398, 1-7-58, Cl. 250—27.
- Scowcroft, John, to The General Electric Co. Ltd. Electrical telecommunication systems. 2,824,910, 2-25-58, Cl. 179—18.
- Scowcroft, John, and J. H. Beesley, to The General Electric Co. Ltd. Electric selective signalling systems. 2,863,952, 12-9-58, Cl. 179—86.
- Scozzafava, Milton V.: *See*—
 Bennett, Eugene E., and Scozzafava. 2,819,783.
 Scozzafava, Milton V., and R. E. Busch, to Clary Corp. Platen line spacing mechanism. 2,843,245, 7-15-58, Cl. 197—123.
- Scozzari, Gaspar G. Fishing tackle. 2,854,781, 10-7-58, Cl. 43—44.
- Scrapp, Ernest, & Sons Ltd.: *See*—
 Scrapp, Frederick. 2,863,278.
- Scrapp, Frederick, to Ernest Scrapp & Sons Ltd. Yarn winding and twisting machine spindles. 2,863,278, 12-9-58, Cl. 57—135.
- Scranton, Charles J., to Allis-Chalmers Mfg. Co. Combine having removable concave. 2,833,288, 5-6-58, Cl. 130—27.
- Scrap Conservation Committee of the Steel Industry: *See*—
 Treybal, Robert B., Kapfer, and Bajars. 2,819,159.
- Screen Engineering Co.: *See*—
 Eichorn, Adrian. 2,848,327.
- Screen Products, Inc.: *See*—
 Just, Raymond H., and May. 2,863,561.
- Screws, Gaynor L. 25% to H. T. Hicks. Log loading truck. 2,821,311, 1-28-58, Cl. 214—75.
- Scriabine, Igor, and A. Peyrolade, to Societe des Usines Chimiques Rhone-Poulenc. Process for the allylation of benzene and homologous hydrocarbons. 2,861,111, 11-18-58, Cl. 260—671.
- Scripto, Inc.: *See*—
 Coffield, Eugene P., Jr. 2,853,972.
 Smith, Blanchard D. 2,831,459.
- Scripture, Charles M. File case and holder for photographic transparencies. 2,829,767, 4-8-58, Cl. 206—73.
- Scripture, Edward W., Jr., and S. W. Benedict, to American-Marietta Co. Hydraulic cement compositions and method of making same. 2,819,171, 1-7-58, Cl. 106—90.
- Scriven, Albert K., Jr.: *See*—
 Farmer, James W., Fergnani, and Scriven. 2,859,564.
- Scriven, Douglas J. Metal joist bridging. 2,865,059, 12-23-58, Cl. 20—9.
- Scriven, Bert S. Rain actuated means for operating lawn sprinkler systems. 2,845,693, 7-15-58, Cl. 200—85.
- Sruges, Anna T., to Karoll's, Inc. Combination outer and under garment. 2,835,897, 5-27-58, Cl. 2—71.
- Sruges, Arthur W. Reproducing machine for patterns or images. 2,855,677, 10-14-58, Cl. 33—23.
- Sruges, Thomas M., to Bemis Bro. Bag Co. Method of salvage and seam manufacture and products thereof. 2,840,117, 6-24-58, Cl. 139—383.
- Sruges, Wilson L. Racing-game apparatus. 2,823,919, 2-18-58, Cl. 273—134.
- Sendi, John V., and F. E. Anderson, to Warner-Lambert Pharmaceutical Co. Thiosimicarbazones of thienylaldehydes and thienylketones. 2,832,791, 4-29-58, Cl. 260—329.
- Scuitto, Thomas J.: *See*—
 Rosenberg, Jack, Brewer, and Scuitto. 2,833,941.
- Sculli Machine Co., Inc., The: *See*—
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- Seullin, James P.: *See*—
 Klein, David X., Seullin, and Deinet. 2,822,297.
- Scully, Frank P., to Scully Signal Co. Liquid level alarm. 2,856,887, 10-21-58, Cl. 116—109.
- Scully, John P.: *See*—
 Fleming, Howard M., Jr., and Scully. 2,828,417.
- Scully, John P., to Monroe Calculating Machine Co. Sequential selection means. 2,840,705, 6-24-58, Cl. 250—27.
- Scully, John T. Shaver with hair raising brush. 2,852,845, 9-23-58, Cl. 30—34.
- Scully, John T. Self-retaining brushes. 2,866,215, 12-30-58, Cl. 15—145.
- Scully-Jones and Co.: *See*—
 Better, Bernard R., and Conn. 2,860,883.
 Better, Bernard R., and Leide. 2,819,635.
 Conn, Harry, and Tognetti. 2,857,166.
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- Scully Signal Co.: *See*—
 Schutter, George M. 2,866,473.
 Scully, Frank P. 2,856,887.
- Scully, Thomas J., to General Electric Co. Electric circuit interrupter. 2,861,152, 11-18-58, Cl. 200—144.
- Seaboard Electric Co.: *See*—
 Van Eyk, Christian J. 2,821,591.
- Seaborg, Glenn T.: *See*—
 Jaffey, Arthur H., and Seaborg. 2,865,704.
- Seaborg, Glenn T., and J. E. Willard, to the United States of America as represented by the United States Atomic Energy Commission. Separation of plutonium from uranium and fission products by adsorption. 2,819,144, 1-7-58, Cl. 23—145.
- Seaborg, Glenn T., J. W. Gofman, and R. W. Stoughton, to United States of America, Atomic Energy Commission. Separating protoactinium with manganese dioxide. 2,831,750, 4-22-58, Cl. 23—145.
- Seaborg, Glenn T., and H. S. Brown, to United States of America, Atomic Energy Commission. Fluorine process for separation of materials. 2,833,617, 5-6-58, Cl. 23—145.
- Seaborg, Glenn T., G. Friedlander, and J. W. Gofman, to United States of America, Atomic Energy Commission. Neutron measuring method and apparatus. 2,845,544, 7-29-58, Cl. 250—83.6.
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- Seaborg, Glenn T., J. W. Gofman, and R. W. Stoughton, to United States of America, Atomic Energy Commission. Wet fluoride separation method. 2,861,866, 11-25-58, Cl. 23—145.
- Seaborg, Glenn T., E. F. Orlmann, and L. H. Jensen, to United States of America, Atomic Energy Commission. Process of purifying uranium. 2,865,703, 12-23-58, Cl. 23—145.
- Seaburg, Hugo W., and G. H. Goodemote, to The O. M. Edwards Co., Inc. Escape sash release mechanism for vehicles. 2,830,843, 4-15-58, Cl. 296—44.
- Seader, Leonard D., to International Business Machines Corp. Phased, timed pulse generator. 2,864,078, 12-9-58, Cl. 340—174.
- Seagram, Joseph A., and Sons Inc.: *See*—
 Teller, W. Kedzie, and Bernhardt. 2,854,133.
- Seagraves, Lionel D. Masonry guide line holder. 2,834,112, 5-13-58, Cl. 33—85.
- Seailles, Jean C. Process of extracting alumina from raw calcium aluminates. 2,859,100, 11-4-58, Cl. 23—143.
- Seal, Henry R. Dental polishing disk. 2,842,844, 7-15-58, Cl. 32—59.
- Seal, Roderick D., and S. G. Harris, to The Blue Channel Corp. Apparatus for recovering the meats of bivalves. 2,823,414, 2-18-58, Cl. 17—9.
- Seal, Roderick D., to The Blue Channel Corp. Method of recovering the meats of bivalves. 2,824,004, 2-18-58, Cl. 99—111.
- Sealed Power Corp.: *See*—
 Beck, Edwin C., and Davis. 2,855,254.
 Burns, Leo C. 2,827,349.
 Olson, Holly M. 2,827,348.
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- Sealey, William C., to Allis-Chalmers Mfg. Co. Coil with end turn having increased insulation. 2,829,354, 4-1-58, Cl. 336—69.
- Sealey, William C., to Allis-Chalmers Mfg. Co. Load tap changing transformers. 2,841,662, 7-1-58, Cl. 200—17.
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- Sealock, Carlton H. Live bait caster. 2,840,945, 7-1-58, Cl. 43—41.2.
- Sealor Corp.: *See*—
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- Sealright-Oswego Falls Corp.: *See*—
 Jezerski, Vincent W., Wilcox, and Pesch. 2,866,402.
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- Seal-Spout Corp.: *See*—
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- Sealtite Insulation Mfg. Corp.: *See*—
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- Sealy, Inc.: *See*—
 Kallick, Joseph N., and Algoren. 2,866,433.

Seaman, Blair C.: *See*—

Hutchins, Charles C., and Seaman. 2,844,748.
Hutchins, Charles C., and Seaman. 2,861,986.
Seaman, Francis E., and R. C. Gottschalk, to Lock Joint Pipe Co. Apparatus for forming concrete pipes. 2,863,205, 12-9-58, Cl. 25-39.

Seaman, Frederic D.: *See*—

Brandt, David E., Jr., Fraser, and Seaman. 2,840,343.

Seaman, Philip H.: *See*—

Bernstein, Allan C. 2,855,461.

Seaman, Stewart E. Method and apparatus for continuously forming a fibrous web from a liquid suspension and progressively removing liquid therefrom. 2,828,675, 4-1-58, Cl. 92-38.

Seaman, Stewart E. and S. L. Method of producing alkali cellulose. 2,859,210, 11-4-58, Cl. 260-253.

Seaman, Stewart L.: *See*—

Seaman, Stewart E. and S. L. 2,859,210.

Seamless Rubber Co., The: *See*—

Crowley, Cornelius J. 2,858,249.

Crowley, Cornelius J., and Berlepsch. 2,864,617.

Gow, Arthur R., and Madsen. 2,859,040.

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Seamon, Louis. Pass case. 2,845,975, 8-5-58, Cl. 150-39.

Seamon, Rex C., to Adamson-United Co. Floating gear assembly for calendar rolls. 2,861,435, 11-25-58, Cl. 64-9.

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Stoloff, Leonard S. 2,834,679.

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Sequist, Nels W. Valve actuator cap. 2,841,443, 7-1-58, Cl. 299-95.

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Searl, Garner R. Mortar dispensing apparatus. 2,856,767, 10-21-58, Cl. 72-128.

Searle, Bourquin E., to Purolator Products, Inc. Oxidizer filters. 2,857,052, 10-21-58, Cl. 210-209.

Searle, Charles E.: *See*—

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Colton, Frank B. 2,819,277.

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Colton, Frank B. 2,838,529.

Colton, Frank B. 2,838,530.

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Colton, Frank B. 2,843,609.

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Dodson, Raymond M., and Sollman. 2,837,539.

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- Sebago-Moc Co.: *See*—
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- Sebek, Oldrich K., G. B. Spero, and J. L. Thompson, to The Upjohn Co. Organic compounds and process. 2,864,837, 12-16-58, Cl. 260-397.45.
- Sebel S. A.: *See*—
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- Sebell, Harry. Writing board and holder for vehicles. 2,829,813, 4-8-58, Cl. 224-42.1.
- Sebenick, Raymond W. Portable hydraulically actuated mechanism. 2,824,424, 2-25-58, Cl. 60-52.
- Sebestyen, Emeric J., to Simon Handling Engineers Ltd. Change-over means for pneumatic lines. 2,825,604, 3-4-58, Cl. 302-28.
- Sebesta, John A. Rubber octopus. 2,844,912, 7-29-58, Cl. 46-92.
- Sebok, Joseph B., to Purolator Products, Inc. Hood and air cleaner mounting assembly. 2,834,419, 5-13-58, Cl. 180-54.
- Sebok, Joseph B., to Purolator Products, Inc. Air cleaner. 2,848,065, 8-19-58, Cl. 183-71.
- Sebok, Joseph B., and R. E. Sendelbach, to Purolator Products, Inc. Air cleaner and intake silencer assembly. 2,822,885, 2-11-58, Cl. 183-15.
- Se Breny, Bernhard B. Flushing tank. 2,832,964, 5-6-58, Cl. 4-68.
- Sebring, Paul B., to the United States of America as represented by the Secretary of the Navy. Doppler controlled gain for echo ranging equipment. 2,821,694, 1-28-58, Cl. 340-3.
- Seby, Carl J., to Aktiebolaget W. Dan Bergman. Hinge. 2,852,802, 9-23-58, Cl. 16-135.
- Sech, Charles E., Jr., to Wise Potato Chip Co. Deep fat cooking apparatus. 2,861,514, 11-25-58, Cl. 99-406.
- Seck, Werner G.: *See*—
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- Seck, Werner G., to The Hoover Co. Flocking method for sealing joints. 2,818,638, 1-7-58, Cl. 29-527.
- Seck, Werner G., to The Hoover Co. Convertible air supported suction cleaner. 2,832,986, 5-6-58, Cl. 15-327.
- Seckel, Peter H., to R. A. Fisch. Process of applying protective coatings. 2,821,155, 1-28-58, Cl. 112-262.
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- Secord, Lloyd C.: *See*—
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- Secoy, Charles H.: *See*—
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- Security E-Lock & Safe Co., Inc.: *See*—
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- Security Rock Bits Ltd.: *See*—
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- Seddon, John C. Variable bandwidth double-tuned transformer. 2,847,649, 8-12-58, Cl. 333-72.
- Sedergren, Erling D.: *See*—
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- Sedgfield, Hugh B., to The Sperry Gyroscope Co., Ltd. Gyroscopic apparatus. 2,850,965, 9-9-58, Cl. 74-5.7.
- Sedgfield, Hugh B., to The Sperry Gyroscope Co., Ltd. Gyroscopic apparatus. 2,852,943, 9-23-58, Cl. 74-5.7.
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- Sedgwick, Kenneth G.: *See*—
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- Sedgwick Machine Works, Inc.: *See*—
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- Sedlasek, Hugo, and H. H. Rüser, to Aktiengesellschaft für Unternehmungen der Eisen- und Stahlindustrie. Coupling for floating bridge girders. 2,825,077, 3-4-58, Cl. 14-27.
- Sedlasek, John. Spray device for electrostatic deposition of a fluid. 2,826,451, 3-11-58, Cl. 299-1.
- Sedlasek, John, to Ionic Electrostatic Corp. Electrostatic deposition apparatus. 2,851,307, 9-9-58, Cl. 299-140.
- Sedlasek, John J. Electrostatic coating apparatus utilizing both direct current and alternating current to supply current to successive discs. 2,858,798, 11-4-58, Cl. 118-621.
- Sedlasek, John, Jr. High vacuum pump. 2,855,140, 10-7-58, Cl. 230-101.
- Sedlasek, John, Jr. Electrostatic deposition. 2,855,245, 10-7-58, Cl. 299-1.
- Seeber, Robert R., Jr., and R. L. Bennett, to International Business Machines Corp. Typewriter key connecting devices. 2,850,136, 9-2-58, Cl. 197-7.
- Seeborg, Frieda. Bed sheet drying post. 2,852,142, 9-16-58, Cl. 211-45.
- Seed, Leslie, to Imperial Chemical Industries Ltd. Ethylene polymerization. 2,839,519, 6-17-58, Cl. 260-94.9.
- Seed, Leslie, to Imperial Chemical Industries Ltd. Ethylene polymerization. 2,865,903, 12-23-58, Cl. 260-94.9.
- Seed, Leslie, and A. Pajaczowski, to Imperial Chemical Industries Ltd. Ethylene polymerization. 2,865,904, 12-23-58, Cl. 260-94.9.
- Seed, William H., to Unibox Corp., Inc. Freightage means. 2,831,588, 4-22-58, Cl. 214-38.
- Seeger, Edwin W., to Cutler-Hammer, Inc. Electrical speed detection system. 2,824,265, 2-18-58, Cl. 317-151.
- Seeger, Edwin W., to Cutler-Hammer, Inc. Braking systems for electric motors. 2,829,328, 4-1-58, Cl. 318-372.
- Seeger, Edwin W., to Cutler-Hammer, Inc. Controls for material handling magnets. 2,858,485, 10-28-58, Cl. 317-123.
- Seeger, Nelson V., and T. G. Mastin, to The Goodyear Tire & Rubber Co. Accelerators. 2,850,476, 9-2-58, Cl. 260-45.4.
- Seeger, Robert W.: *See*—
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- Seegrift, Theodore A. Laundry aids. 2,823,185, 2-11-58, Cl. 252-303.
- Seegrift, Theodore A. Liquid fuel-tank filling device. 2,827,930, 3-25-58, Cl. 141-292.
- Seelbach, Charles W.: *See*—
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- Seelbinder, David C.: *See*—
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- Seeler, Henry W., to the United States of America as represented by the Secretary of the Air Force. Combined compensated inhalation exhalation valve for pressure breathing mask. 2,820,469, 1-21-58, Cl. 137-64.
- Seeles, Hans: *See*—
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- Seeley, Albert R. Fluid circulating film handling reel and tank. 2,835,181, 5-20-58, Cl. 95-90.5.
- Seeley, Belle G.: *See*—
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- Seeley, Harold T.: *See*—
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- Seeley, Ivan L. and B. G. Mailbox with mail-actuated signal. 2,835,887, 5-20-58, Cl. 340-281.
- Seeley, John W. Liquid tank structure for road graders. 2,834,601, 5-13-58, Cl. 280-5.
- Seeley, Leonard H.: *See*—
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- Seeley, Leonard W., to United States of America as represented by the Secretary of the Navy. Aerial tow target. 2,821,396, 1-28-58, Cl. 273-105.3.
- Seeley, Norman C.: *See*—
 Barry, Joseph F., and Seeley. 2,827,427.
- Seeley, Stuart W., and A. Macovski, to Radio Corp. of America. Color television. 2,832,819, 4-29-58, Cl. 178-5.4.
- Seelig, Albert F., Jr.: *See*—
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- Seelig, Herman S.: *See*—
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 Brennan, Harry M., Seelig, and Vander Haar. 2,840,527.
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- Seelig, Herman S., and A. A. Brooks, to Standard Oil Co. Process for purification of reforming charge stock. 2,856,347, 10-14-58, Cl. 208-89.
- Seelig, Richard P., and R. L. Wachtell, to Chromalloy Corp. of New York. Methods of chromizing molybdenum tungsten and their alloys. 2,837,442, 6-3-58, Cl. 117-22.
- Seeliger, Kurt, to joint heirs of Georg Puls, represented by Mrs. Gerdi Puls. Steering gears of all kinds, especially for motor driven vehicles. 2,838,952, 6-17-58, Cl. 74-498.
- Seeloff, Melvin M., and D. M. Campbell, to The Taylor-Winfield Corp. Indexing mechanism. 2,850,909, 9-9-58, Cl. 74-128.
- Seeloff, Melvin M., and A. F. Keyser, to The Taylor-Winfield Corp. Stitch welding apparatus. 2,856,512, 10-14-58, Cl. 219-86.
- Seely, Richard E., to General Electric Co. Circuit for measuring the temperature or resistance change of energized alternating current apparatus. 2,825,027, 2-25-58, Cl. 324-62.
- Seely, Richard E., to General Electric Co. Multispeed induction motor. 2,840,772, 6-24-58, Cl. 318-221.
- Seely, Richard E., and M. E. Snyder, to General Electric Co. Protective arrangement for stator motors. 2,844,778, 7-22-58, Cl. 318-221.
- Seelye, Robert E., to General Motors Corp. Work jaw means. 2,828,998, 4-1-58, Cl. 294-88.
- Seem, Warren A.: *See*—
 Stoddard, Nicholas J., and Seem. 2,829,487.
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- Seem, Warren A., N. J. Stoddard, K. H. Gibson, H. B. Miller, and R. G. Hilbert, to Universal Winding Co. Apparatus for thermally processing yarns. 2,864,229, 12-16-58, Cl. 57-34.

- Seemuller, John R., to Societ  Anonyme: Societ  Monsavon-
l'Or al. Hair dye composition of an anionic dyestuff-
cation active lipophilic material complex solubilized by
non-ionic ethylene oxide condensation product. 2,848,369,
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- Seer, Robert H. Injection mold for molding clips. 2,834,990,
5-20-58, Cl. 18-42.
- Seever, John B., to Cortland Industries, Inc. Television tube
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- Seevers, Delmar O., to California Research Corp. Nuclear
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- Seewack, Benjamin. Shower drain combination. 2,859,452,
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- Seft, Max M.: See—
Farnsworth, Lawrence. 2,850,790.
- Sefton-Jenkins, Ralph A.: See—
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- Segal, Samuel. Can opener. 2,823,452, 2-18-58, Cl. 30-1.
- Segal, Samuel. Key ring and guard. 2,823,537, 2-18-58, Cl.
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- Segal, Samuel. Cylinder lock. 2,837,908, 6-10-58, Cl.
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- Segall, Louis H., to Bendix Aviation Corp. Electrical appa-
ratus. 2,837,698, 6-3-58, Cl. 315-232.
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- Segebrecht, Ervin W.: See—
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Barrett, John P., and Segebrecht. 2,822,296.
- Segelhorst, August L., and W. W. Stokes. Automatic fluid
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- Seger, Francis M.: See—
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- Seger, Harold B. Galloping hobby horse. 2,823,920,
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- Seger, Ralph L.: See—
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- Segers, John P.: See—
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- Segerstrom, Carl A.: See—
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- Segerstrom, Carl A., C. H. Hoeppner, and A. Abate, to
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- Segesman, Louis E., to The Hoover Co. Suction cleaners.
2,846,709, 8-12-58, Cl. 15-339.
- Segil, Leon J.: See—
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- Segl, Walter E., to Hercules Powder Co. Method for the
disintegration of cellulose-bearing material. 2,829,049,
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- Seglem, Clifford E., and S. Way, to United States of America,
Navy. Igniter for gas turbine engines. 2,864,234,
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- Segner, Clyde D., to The B. F. Goodrich Co. Polymeric
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- Segraves, William B.: See—
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- Segraves, William B., to Esso Research and Engineering Co.
Supersonic jet grinding means and method. 2,832,545,
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- Segre Amar, Sion: See—
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- Segre, Emilio G.: See—
Kennedy, Joseph W., and Segre. 2,849,285.
- Segredo, John D.: See—
Sisulak, Michael S., and Segredo. 2,833,410.
- Segro, Nicholas R.: See—
Updegraff, Ivor H., and Segro. 2,826,559.
- Segui, Jean, to Societ  Anonyme dite: Stenotype Grandjean.
Arrangement for operating type-bars. 2,838,155, 6-10-58,
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- Segui, Jean, to Societ  Anonyme dite: Stenotype Grandjean.
Device for marking paper tapes in shorthand typewriters,
calculating machines and the like. 2,847,104, 8-12-58,
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- Seguin, Paul F., and F. F. Gans. Process and apparatus for
the preparation of semi-conductors from arsenides and
phosphides and detectors formed therefrom. 2,862,787,
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- Segur, A. B.: See—
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- Segur, Asa B. Article-handling system. 2,825,103, 3-4-58,
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- Segura, Marnell A.: See—
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- Segura, Marnell A., to Esso Research and Engineering Co.
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and the like. 2,856,346, 10-14-58, Cl. 208-48.
- Sehn, William E., to General Motors Corp. Two headed bolt
having predetermined shear strength. 2,850,934, 9-9-58,
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- Seibel, Alfred F. Controlling mechanism for furnace firing
equipment. 2,825,546, 3-4-58, Cl. 263-40.
- Seibel, Charles M., to Cessna Aircraft Co. Maximum safe
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- Seiberling Rubber Co.: See—
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- Seiberling, Theophilus K., to Seiberling Rubber Co. Blown
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- Seibert, Ernest H., and J. J. Cada, to Cory Corp. Clip and
cap assembly for writing instruments. 2,837,801, 6-10-58,
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- Seibert, Ernest H., and J. J. Cada, to Cory Corp. Writing
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- Seibert, Frank J.: See—
Harris, Linden E., Hall, Seibert, and Bales. 2,847,293.
- Seibert, Heinrich W., Bunge, and O. Bayer, to Farbenfabri-
ken Bayer Akt. Process for improving the fastness to
light of colored lacquers and the products thereof.
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- Seibert, Leslie W., Jr., to Ekco Products Co. Cutlery
cabinet. 2,845,323, 7-29-58, Cl. 312-244.
- Seidel, Harold, to International Telephone and Telegraph
Corp. Microwave switch. 2,866,167, 12-23-58, Cl.
333-97.
- Seidel, Johannes, and L. Meier, to Siemens-Reiniger-Werke
Akt. High-tension barrier-layer rectification unit for in-
stallation in the high-tension generator of an X-ray ap-
paratus. 2,844,771, 7-22-58, Cl. 317-234.
- Seidel, Martin P., and T. J. Murrin, to Westinghouse Electric
Corp. Steel sheet member coated with acid-anhydride cured
dimethylsiloxane. 2,858,241, 10-28-58, Cl. 117-230.
- Seldel, William B., to The Cincinnati Milling Machine Co.
Magnetic work chuck. 2,864,622, 12-16-58, Cl. 279-1.
- Seldel, William C.: See—
Mitchell, William A., and Seldel. 2,834,771.
- Seiden, Herman L. Photographic light bar. 2,851,936,
9-16-58, Cl. 95-11.5.
- Seider, John P., to Western Electric Co., Inc. Condenser dis-
charge welding system. 2,836,787, 5-27-58, Cl. 323-18.
- Seidl, Alois, to Deutsche Gold- und Silber-Scheideanstalt
vormals Roessler. Process for improving the stability of
base metal thermoelements. 2,832,705, 4-29-58, Cl.
148-6.14.
- Seidl, Herbert, to The Babcock & Wilcox Co. Radiant vapor
generator with radiant superheater in furnace wall quies-
cent zones. 2,821,175, 1-28-58, Cl. 122-481.
- Seidl, Herbert, to The Babcock & Wilcox Co. Forced circula-
tion vapor generating unit. 2,825,315, 3-4-58, Cl. 122-
406.
- Seidler, Leon S. Surgical appliances. 2,842,130, 7-8-58,
Cl. 128-303.
- Seidman, Seymour: See—
Konik, Marvin M., and Seidman. 2,831,259.
- Seifert, Howard S., to United States of America, Army.
Thrust cancellation device for use in solid propellant rocket.
2,850,976, 9-9-58, Cl. 102-49.
- Seifert, Joseph A.: See—
Jurgens, William C., and Seifert. 2,848,293.
- Seifert, Julius, deceased: U. Seifert, sole heir of the estate of
said J. Seifert. Wound wire hose coupling means.
2,819,916, 1-14-58, Cl. 285-244.
- Seifert, Richard, and W. Barth, to L'Orange G. m. b. H.
Fuel injection control system for internal combustion
engines. 2,831,433, 4-22-58, Cl. 103-41.
- Seifert, Richard, and O. Baur, to Maybach-Motorenbau
G. m. b. H. Welded cylinder and crankshaft casing for
multicylinder piston engines. 2,838,038, 6-10-58, Cl.
123-195.
- Seifert, Ursula: See—
Seifert, Julius. 2,819,916.
- Seifert, William C., to D. W. Kent. Electrical resistance
element and furnace containing the same. 2,831,909,
4-22-58, Cl. 13-31.
- Seifert, William C., to D. W. Kent. Resistance element and
furnace containing the same. 2,862,091, 11-25-58, Cl.
201-66.
- Seiferth, Oscar E., and C. T. Royston, to Oscar Mayer & Co.,
Inc. Sliced food package. 2,844,473, 7-22-58, Cl. 99-174.
- Seifter, Eli, to Monsanto Chemical Co. Palatability of vege-
table foods. 2,836,010, 5-27-58, Cl. 47-58.
- Seifter, Eli, to Monsanto Chemical Co. Nematode control.
2,836,532, 5-27-58, Cl. 167-14.
- Seifter, Eli, to Monsanto Chemical Co. Nematocide.
2,836,533, 5-27-58, Cl. 167-14.
- Seifter, Joseph: See—
Bruce, William F., and Seifter. 2,856,427.
- Seifter, Joseph, and D. H. Baeder, to American Home Pro-
ducts Corp. Partially depolymerized hyaluronic acid as a
spreading and lipemia-clearing agent. 2,850,428, 9-2-58,
Cl. 167-74.
- Seifried, Lyle W., to Addressograph-Multigraph Corp.
Address plate and carrier. 2,831,427, 4-22-58, Cl. 101-
369.
- Seifried, Paul E., to Bendix Aviation Corp. Vertical gyro
combined caging and erecting mechanism. 2,846,886,
8-12-58, Cl. 74-5.1.
- Seiger, Harry W. Surgical instrument. 2,827,039, 3-18-58,
Cl. 128-2.
- Seigfreid, Ira J.: See—
Wagner, Leo F., and Schreiber. 2,860,770.
- Seigle, Herald D., and D. D. Ziegler, to Joy Mfg. Co. Hy-
draulic conveyor take-up. 2,856,061, 10-14-58, Cl.
198-109.
- Seigle, William R., to General Electric Co. Positioning device.
2,860,751, 11-18-58, Cl. 192-143.

- Seigler Corp.: *See*—
 Johnson, Leopold J. 2,854,617.
- Seller, Karl O., to International Standard Electric Corp. Method of producing semiconductor crystals containing P-N junctions. 2,854,363, 9-30-58, Cl. 148—1.5.
- Seller, Karl O., to International Standard Electric Corp. Semi-conducting crystals for rectifiers and transistors and its method of preparation. 2,864,729, 12-16-58, Cl. 148—1.5.
- Seller, Karl O., and S. E. Muller, to International Standard Electric Corp. Method of purifying semiconductor material. 2,855,335, 10-7-58, Cl. 148—1.6.
- Seller, William; $\frac{1}{2}$ to L. C. Glaser, H. Herman, A. A. Fisher, Dr. H. M. Felner, and E. Neubauer. Spring loaded push button safety razor. 2,835,030, 5-20-58, Cl. 30—60.5.
- Selley, Thurmon D. Spring hitch tow bar for trailers. 2,852,274, 9-16-58, Cl. 280—489.
- Sells, Herbert F. Baker's peel. 2,810,013, 6-24-58, Cl. 107—67.
- Selm, Maynard C., to National Steel Corp. Ventilating tunnel. 2,859,683, 11-11-58, Cl. 98—56.
- Seismograph Service Corp.: *See*—
 Dennis, James R. 2,855,596.
 Finn, Robert S. 2,828,485.
 Hawkins, James E. 2,843,846.
 Hawkins, James E. 2,856,601.
 Hawkins, James E. 2,858,523.
 Hawkins, James E., and Crossland. 2,820,962.
 Hawkins, James E., and Crossland. 2,851,682.
 Klotz, Robert L. 2,837,996.
 Klotz, Robert L. 2,842,056.
 Koepfel, Beverly D. 2,855,595.
 Mason, Richard D. 2,842,055.
- Seitchik, Murray W., and J. L. Sbarbaro, Jr. Tidal drainage and irrigation valve. 2,860,636, 11-18-58, Cl. 128—227.
- Seitz, August W., to General Electric Co. Electric lamp making apparatus. 2,845,325, 7-29-58, Cl. 316—31.
- Seitz, August W., to General Electric Co. Apparatus for tipping-off incandescent lamps and similar devices. 2,848,844, 8-26-58, Cl. 49—2.
- Seitz, Clyde R.: *See*—
 MacGlashan, William F., Jr., Margraf, and Seitz. 2,851,056.
 MacGlashan, William F., Jr., Margraf, and Seitz. 2,854,998.
- Seitz, Ernst O.: *See*—
 Günther, Franz and H., and Seitz. 2,827,554.
- Seitz, Pierre. Pivot bearing with a removable cap piece. 2,849,855, 9-2-58, Cl. 58—140.
- Seitz, William: *See*—
 Davidson, James R., and Seitz. 2,824,061.
- Sejournet, Jacques, to Comptoir Industriel d'Etirage et Profilage de Métaux. Method for manufacturing hollow metal sections. 2,846,758, 8-12-58, Cl. 29—156.8.
- Sekesko Co., Inc.: *See*—
 Gibson, Levi D. 2,857,584.
- Seko, Maomi: *See*—
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- Selas Corp. of America: *See*—
 Blaha, Emil. 2,847,702.
 Blaha, Emil. 2,855,191.
 Bloom, Quentin M. 2,839,282.
 Bloom, Quentin M. 2,839,290.
 Bloom, Quentin M., and Herman. 2,848,213.
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 Furczyk, Alfons A. 2,845,261.
 Furczyk, Alfons A. 2,855,033.
 Hess, Frederic O. 2,820,621.
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 Hess, Frederic O. 2,832,580.
 Hess, Frederic O. 2,847,988.
 Hess, Frederic O. 2,848,205.
 Hess, Frederic O. 2,852,422.
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 Kniveton, James. 2,848,206.
 Morck, Charles W., Jr. 2,823,740.
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- Selbach, Lawrence G., H. C. Bodine, R. R. Wentz, and D. O. Hatfield, to Bodine Electric Co. Electric motor. 2,847,593, 8-12-58, Cl. 310—90.
- Selbach, Otto. Device for positioning elongated objects. 2,840,212, 6-24-58, Cl. 193—43.
- Selberg, John P., and A. A. Kahn, to Dresser Equipment Co. Telescoping self-erecting derrick structure. 2,829,741, 4-8-58, Cl. 189—14.
- Selbmann, Rudolf W., M. L. Tucci, and W. Piwinski, to Oak Mfg. Co. Television tuner. 2,835,818, 5-20-58, Cl. 250—40.
- Selby International, Inc.: *See*—
 Carson, Gordon B., and Wright. 2,837,046.
- Selby, Jack H., to The Warner & Swasey Co. Coiler for gill box. 2,835,930, 5-27-58, Cl. 19—159.
- Selby, Jack H., to The Warner & Swasey Co. Gill box. 2,847,719, 8-19-58, Cl. 19—165.
- Selch, Howard I. Drilling or like rotary cutting tool. 2,833,547, 5-6-58, Cl. 279—91.
- Seldon, George E. Knife handle with renewable blades. 2,820,293, 1-21-58, Cl. 30—331.
- Seldner, Kurt: *See*—
 Fairweather, Stephen H., and Seldner. 2,839,694.
- Seldner, Kurt, to Thompson Products, Inc. Alternated control system with temperature compensated frequency discriminator. 2,863,067, 12-2-58, Cl. 307—88.5.
- Se Legue, David F., and S. Ziegler, to Northrop Aircraft, Inc. Airstream direction detector. 2,850,896, 9-9-58, Cl. 73—188.
- Selene S. r. l.: *See*—
 Torchio, Carlo, and Segre Amar. 2,834,418.
- Self, J. B., Jr.: *See*—
 Byrd, Parks W., and Self. 2,833,505.
- Self, James M., to J. M. Beachy, agent. Golf putting aid. 2,858,133, 10-28-58, Cl. 273—186.
- Self, Neal W., to J. I. Case Co. Spring-loaded bail for stripper type cotton harvesters. 2,835,095, 5-20-58, Cl. 56—33.
- Self Storing Window Co., Inc.: *See*—
 Knollenberg. 2,838,825.
- Self Winding Clock Co., Inc.: *See*—
 DiCecio, Salvatore A., Dand, and Pappadopolos. 2,838,935.
- Selgin, Paul J.: *See*—
 Joseph, Horace M., Selgin, Soler, and Stansbury. 2,827,167.
- Selgin, Paul J., to United States of America, Navy. Cellular method of electronic assembly. 2,834,922, 5-13-58, Cl. 317—101.
- Selig, Guenther, to Remsel Industries, Inc. Lamp supports. 2,839,321, 6-17-58, Cl. 287—99.
- Seliger, Victor H.: *See*—
 Schroeder, George F., and Seliger. 2,855,148.
- Seliger, Victor H., to Sperry Rand Corp. Sonic air stream direction detector system. 2,821,083, 1-28-58, Cl. 73—180.
- Seliger, Victor H., to Sperry Rand Corp. Ford Instrument Co. Division. Ambiguity resolver for a navigation position indicator. 2,844,313, 7-22-58, Cl. 235—61.
- Seliger, Victor H., to Sperry Rand Corp. Automatic optical drift angle indicator. 2,857,798, 10-28-58, Cl. 88—1.
- Seligman, Eustace: *See*—
 Cohn, Edwin J. 2,822,126.
 Cohn, Edwin J. 2,822,315.
- Seligman, Joseph J.: *See*—
 Dreyer, William A., and Seligman. 2,840,276.
- Seligsberger, Ludwig, to United States of America, Army. Process of tanning with malonaldehyde or succinaldehyde and optionally mineral tanning agent and leather produced thereby. 2,851,329, 9-9-58, Cl. 8—94.26.
- Seljos, Arthur L., to Esso Research and Engineering Co. Variable ratio valve. 2,825,361, 3-4-58, Cl. 137—620.
- Selker, Milton L., and J. F. Cerness, to Clevite Corp. Method for producing single crystals of silicon. 2,823,102, 2-11-58, Cl. 23—300.
- Sell, Harold R.: *See*—
 Spencer, George A., and Sell. 2,849,196.
- Sell, Harold S.: *See*—
 D'Ianni, James D., and Sell. 2,835,645.
- Sell, Harold S., to The Goodyear Tire & Rubber Co. Thermoplastic impact-resistant composition of a styrene/acrylonitrile resin and a rubbery ethyl acrylate polymer. 2,835,646, 5-20-58, Cl. 260—45.5.
- Sell, John C., Jr. Barrette. 2,851,040, 9-9-58, Cl. 132—48.
- Selle, Hans-Dieter, to VEB Chemische Fabrik Grünau. Hydroxyalkylated fatty acid chloride peptide condensation product and process. 2,831,847, 4-22-58, Cl. 260—112.
- Seller, Thomas M., and L. K. Harris, to The Detroit Edison Co. Reclosing relay for circuit breaker. 2,861,223, 11-18-58, Cl. 317—22.
- Selleri, Renato: *See*—
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- Sellers, Frederick B.: *See*—
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- Sellers, Frederick B., to Texaco Development Corp. Process for reduction of iron ore. 2,821,471, 1-28-58, Cl. 75—26.
- Sellers, Frederick B., and P. L. Paull, to Texaco Development Corp. Reduction of metal oxides. 2,837,419, 6-3-58, Cl. 75—41.
- Sellers Injector Corp.: *See*—
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 Patterson, Wallace M. 2,855,799.
 Patterson, Wallace M. 2,864,397.
- Sellers, John C., to Johnson & Johnson. Method of preparing adhesive composition comprising a maleic anhydride copolymer and product obtained. 2,866,771, 12-30-58, Cl. 260—45.5.
- Sellers, John C., to Johnson & Johnson. Method of preparing adhesive composition comprising a maleic anhydride copolymer and product obtained. 2,866,772, 12-30-58, Cl. 260—45.5.
- Sellers, John C., to Johnson & Johnson. Adhesive composition comprising crosslinked maleic ester copolymers, method of preparation and a backing coated with said composition. 2,866,775, 12-30-58, Cl. 260—78.5.
- Selles, Pedro C. Let-off and take-up for looms. 2,820,485, 1-21-58, Cl. 139—99.
- Sellet, Lucien. Guanylurea resins and process for producing them. 2,847,396, 8-12-58, Cl. 260—70.
- Sellet, Lucien, and W. O. Dawson, to Jacques Wolf & Co. Dicyandiamide, formaldehyde and boric acid condensation product. 2,852,490, 9-16-58, Cl. 260—69.
- Sellitsch, Ralph G. Electro mechanical power control system. 2,852,214, 9-16-58, Cl. 244—77.
- Sellman, Albert H. Mine. 2,821,920, 2-4-58, Cl. 102—17.

- Sellner, John W. Furniture cover fastening device. 2,826,245, 3-11-58, Cl. 155-180.
- Sellon, Raymond N., Jr.: *See*—
Kessler, Otto H., Jr., and Sellon. 2,841,410.
- Sellon, Raymond N., Jr., to Stolper Steel Products Corp. Latch. 2,840,407, 6-24-58, Cl. 292-169.
- Sells, Bert E., and F. D. Doherty, to General Electric Co. Air cooled turbomachine blading. 2,848,193, 8-19-58, Cl. 253-39.15.
- Sells, Robert L. Cervical cap. 2,836,177, 5-27-58, Cl. 128-127.
- Selmer, Alois. Garbage disposal unit. 2,841,458, 7-1-58, Cl. 312-270.
- Selmer, Ernst S., to Burroughs Corp. Control apparatus for digital computing machinery. 2,856,595, 10-14-58, Cl. 340-174.
- Selmix Dispensers, Inc.: *See*—
Brown, Clyde A. 2,830,737.
- Selove, Walter: *See*—
Cunningham, Frederick, Jr., and Selove. 2,841,785.
- Sel-Rex Corp.: *See*—
Rinker, Edwin C. Re. 24,582.
- Selsted, Walter T., to Ampex Corp. Magnetic tape apparatus. 2,838,314, 6-10-58, Cl. 274-4.
- Selsted, Walter T., to Ampex Corp. Magnetic tape reel assembly. 2,862,677, 12-2-58, Cl. 242-68.3.
- Seltzer, Robert E., to The American Baler Co. Automatic baling machine and a banding mechanism therefor. 2,827,926, 3-25-58, Cl. 140-111.
- Seltzer, Robert E., to The American Baler Co. Shaft driving arrangement. 2,853,885, 9-30-58, Cl. 74-128.
- Selvin, Gerald J., and W. R. van der Veer, to Sylvania Electric Products Inc. Rod feeding device. 2,850,140, 9-2-58, Cl. 198-20.
- Selyem, Edwin J.: *See*—
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- Selyem, Edwin J., and J. Mazzarins, to General Motors Corp. Hydraulic track adjuster. 2,837,379, 6-3-58, Cl. 305-9.
- Selzer, John, to International Harvester Co. Convertible motor vehicle body. 2,856,225, 10-14-58, Cl. 296-13.
- Sem, Mathias O., and O. Braaten, to Elektrokemisk A/S. Gas collecting apparatus for open furnaces. 2,857,444, 10-21-58, Cl. 13-9.
- Semar, Claud S.: *See*—
Garvey, Louis P., and Semar. 2,858,878.
- Leslie, James D., Schamel, and Semar. 2,848,218.
- Schamel, Clyde H., and Semar. 2,828,999.
- Semar, Harold W., and I. Short, to Westinghouse Electric Corp. Gearing apparatus. 2,823,558, 2-18-58, Cl. 74-665.
- Semco Research, Inc.: *See*—
Trumbull, Donald E., Stevenson, and Trautmann. 2,859,017.
- Seme, Willis J. Child's trav. 2,828,580, 4-1-58, Cl. 46-116.
- Semegen, Stephen T., H. L. Jacobs, and R. L. Scofield, to The B. F. Goodrich Co. Article of manufacture and method for making the same. 2,827,098, 3-18-58, Cl. 152-347.
- Semel, Milton: *See*—
Marchand, Nathan, and Semel. 2,850,730.
- Semico Inc.: *See*—
Gonser, Milo F. 2,857,632.
- Semkow, Franklin D. Device for taping wiring harnesses. 2,834,499, 5-13-58, Cl. 210-29.
- Semler, Lloyd E. Safety valve. 2,821,995, 2-4-58, Cl. 137-460.
- Semler, Oskar A. Automatic storage system. 2,848,121, 8-19-58, Cl. 214-16.1.
- Semmens, Peter W. B., and G. E. Penketh, to Imperial Chemical Industries Ltd. Dyestuff-polyphosphate compositions. 2,829,129, 4-1-58, Cl. 260-79.
- Semmon, Walter A. Explosive rivet having tubular expansion shell. 2,842,022, 7-8-58, Cl. 85-40.
- Semolic, Walter J. Two piece interchangeable deck fitting. 2,833,240, 5-6-58, Cl. 114-218.
- Semos, George. Electrical switching apparatus. 2,820,124, 1-14-58, Cl. 200-160.
- Simple, James M. Portable knob tying device for smooth filaments. 2,825,592, 3-4-58, Cl. 289-17.
- Simple, James M. Hook and leader supporting structure. 2,843,961, 7-22-58, Cl. 43-1.
- Semrad, Roland G.: *See*—
Green, Jack S., Semrad, and Nichols. 2,824,287.
- Semsch, Robert D. Pill dispenser. 2,851,191, 9-9-58, Cl. 221-264.
- Sencenich, Carl M. Shiftable fifth wheel mounting for axle loading adjustment. 2,819,096, 1-7-58, Cl. 280-407.
- Senco Products, Inc.: *See*—
Juiffs, Albert G. 2,853,707.
- Sendelbach, Ralph E.: *See*—
Sebok, Joseph B., and Sendelbach. 2,822,885.
- Senderoff, Seymour, and W. E. Reid, Jr. Electrophoretic deposition of barium titanate. 2,843,541, 7-15-58, Cl. 204-181.
- Senzimir, Tadeusz. Method and apparatus for long-cycle continuous annealing of strip metal. 2,832,709, 4-29-58, Cl. 148-13.
- Seneca Falls Machine Co.: *See*—
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- Senechal, Wallace R., to Sperry Rand Corp. Tilttable divider plate. 2,860,643, 11-18-58, Cl. 129-31.
- Senese, John G., Jr.: *See*—
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- Gorham, John F., Strazdins, Hopkins, and Senese. 2,832,693.
- Senesky, John S., to Air Reduction Co., Inc. Gas pressure regulator. 2,860,658, 11-18-58, Cl. 137-505.37.
- Seney, John S., to E. I. du Pont de Nemours and Co. Apparatus for producing variable denier filaments. 2,820,986, 1-28-58, Cl. 18-8.
- Seney, John S., to E. I. du Pont de Nemours and Co. Resistance probe for level control. 2,861,159, 11-18-58, Cl. 201-63.
- Seng Co., The: *See*—
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- Fox, Martin. 2,858,880.
- Sengebusch, Hans: *See*—
Graybill, Kenneth W., and Sengebusch. 2,820,851.
- Graybill, Kenneth W., and Sengebusch. 2,820,866.
- Graybill, Kenneth W., and Sengebusch. 2,824,924.
- Graybill, Kenneth W., and Sengebusch. 2,831,940.
- Sengebusch, Hans, to General Telephone Laboratories, Inc. Stepping mechanism. 2,822,983, 2-11-58, Cl. 235-92.
- Sengebusch, Hans, to General Telephone Laboratories, Inc. Counter controlled means. 2,841,335, 7-1-58, Cl. 235-128.
- Sengelaub, John F., and M. I. Darrow, to Swift & Co. Apparatus for cutting up poultry. 2,846,718, 8-12-58, Cl. 17-11.
- Senger, Edwin C., to Rolock, Inc. Muffle. 2,849,222, 8-26-58, Cl. 263-47.
- Senger, Frank A., to Ortho Pharmaceutical Corp. Collapsible tube dispenser. 2,856,926, 10-21-58, Cl. 128-261.
- Senger, Frank A., to Ortho Pharmaceutical Corp. Disposable applicator pull cord type. 2,856,927, 10-21-58, Cl. 128-261.
- Senger, Frank A., to Ortho Pharmaceutical Corp. Foil envelope and enclosing tube disposable applicator. 2,864,368, 12-16-58, Cl. 128-261.
- Senger, John F.: *See*—
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- Senior, Robert, to Empire Products, Inc. Cable connector. 2,851,670, 9-9-58, Cl. 339-75.
- Senkbeil, Herman O., to The Dow Chemical Co. Chloroaliphatic monocarboxylic acid esters of dihydroxybenzophenones. 2,827,478, 3-18-58, Cl. 260-479.
- Senkbeil, Herman O., to The Dow Chemical Co. Chlorohydroxybenzophenone esters of α,α -dichloropropionic acid. 2,831,017, 4-15-58, Cl. 260-479.
- Senkbeil, Herman O., to The Dow Chemical Co. 3-(haloaryloxy)-1,2-propanediol esters. 2,850,526, 9-2-58, Cl. 260-487.
- Senkbeil, Herman O., C. T. Pumpelly, and H. F. Brust, to The Dow Chemical Co. Polyhydroxy alcohol esters of 2,2-dichlorobutyric acid. 2,821,545, 1-28-58, Cl. 260-487.
- Senkbeil, Herman O., and C. T. Pumpelly, to The Dow Chemical Co. Polyhydroxy alcohol esters of 2,2,3-trichloropropionic acid. 2,821,546, 1-28-58, Cl. 260-487.
- Senkbeil, Herman O., C. T. Pumpelly, and H. F. Brust, to The Dow Chemical Co. Haloaryloxyalkyl esters of α,α -dichlorobutyric acid. 2,823,224, 2-11-58, Cl. 260-487.
- Senkbeil, Herman O., and H. F. Brust, to The Dow Chemical Co. Haloaryloxyalkyl esters of α,α,β -trichloropropionic acid. 2,823,225, 2-11-58, Cl. 260-487.
- Senkbeil, Herman O., and C. T. Pumpelly, to The Dow Chemical Co. Benzyl esters of polychloroaliphatic monocarboxylic acids. 2,861,097, 11-18-58, Cl. 260-487.
- Senkewitz, John S., to S & S Industrial Products. Peeler. 2,828,542, 4-1-58, Cl. 30-283.
- Senkowski, Alexander, and A. E. Lynes, to Massey-Ferguson Ltd. Clutch mechanism. 2,854,110, 9-30-58, Cl. 192-48.
- Senkowski, Alexander, E. I. Watson, and R. B. Annat, to Massey-Ferguson Inc. Track attachment for wheeled tractors. 2,858,171, 10-28-58, Cl. 305-8.
- Senn, Charles. Pressure fluid servomotor. 2,841,117, 7-1-58, Cl. 121-38.
- Senn, Otto: *See*—
Maderni, Piero, and Senn. 2,839,522.
- Merian, Ernest, Nicolaus, and Senn. 2,850,520.
- Sennello, Joseph J., to Continental Can Co., Inc. High speed cover feed and control arrangement. 2,866,306, 12-30-58, Cl. 53-70.
- Sennet, Edith L.: *See*—
Levkoff, David. 2,827,220.
- Sennewald, Kurt: *See*—
Jacobowsky, Armin, and Sennewald. 2,865,825.
- Sennstrom, Harold R., and A. A. Marchetti, to American Bosch Arma Corp. Fuel injection nozzle. 2,860,010, 11-11-58, Cl. 299-107.6.
- Sensel, Eugene E., to The Texas Co. Synthesis of selective mineral sorbents. 2,841,471, 7-1-58, Cl. 23-112.
- Senseney, George T., and F. H. Sylvester, to Rahm Instruments Inc. Pressure-operated rheostat. 2,845,514, 7-29-58, Cl. 201-48.
- Sensenig, Miles L., to Sperry Rand Corp. Jig stripping dolly. 2,847,753, 8-19-58, Cl. 29-288.
- Sensi, John E.: *See*—
Franklin, Philip J., and Sensi. 2,847,196.
- Sensiper, Samuel, to Hughes Aircraft Co. Slow-wave structure. 2,822,502, 2-4-58, Cl. 315-3.5.
- Sensiper, Samuel, to Hughes Aircraft Co. Ferrite rotator. 2,824,288, 2-18-58, Cl. 333-17.
- Sentinel (Shrewsbury) Ltd.: *See*—
Hamblin, Leslie F. 2,828,142.

- Sentman, Charles L. Winch assembly. 2,834,574, 5-13-58, Cl. 254-166.
- Sentz, Lemuel E., Jr.: *See*—
Grubb, Robert J., and Sentz. 2,863,649.
- Seperack, Gertrude R., to The Warner Brothers Co. Foundation garment. 2,864,376, 12-16-58, Cl. 128-524.
- Seragnoli, Ariosto. Stacking mechanism for wrapped tablets and the like. 2,851,172, 9-9-58, Cl. 214-7.
- Seragnoli, Ariosto. Method and apparatus for applying foil. 2,865,153, 12-23-58, Cl. 53-34.
- Seragnoli, Ariosto. Mechanism to produce a tear-strip and to secure it to a wrapper. 2,865,261, 12-23-58, Cl. 93-1.
- Serba, James G., to W. C. Zook. Brake attachment for roller skate. 2,837,343, 6-3-58, Cl. 280-11.2.
- Sergeant, Robert N.: *See*—
Knudstrup, Martin C. 2,827,189.
- Seright, Carl G., to Radio Corp. of America. Overload protection circuits. 2,862,052, 11-25-58, Cl. 178-7.3.
- Serio, Anthony W. Detachable saucepan handle. 2,851,299, 9-9-58, Cl. 294-31.
- Serio, Anthony W. Self-adjusting handle for glass containers. 2,854,279, 9-30-58, Cl. 294-27.
- Serna, Alex. Direct current generator. 2,847,591, 8-12-58, Cl. 310-68.
- Serniuk, George E.: *See*—
Hirlicky, John A., and Serniuk. 2,844,542.
Vanderbilt, Byron M., Thorn, and Serniuk. 2,850,368.
- Seron, Surem N. Spectacle holder. 2,819,650, 1-14-58, Cl. 88-51.
- Serota, Samuel: *See*—
Walens, Henry A., Serota, and Wall. 2,830,986.
- Serr, Wilhelm F. Combined strainer and drip catcher. 2,836,300, 5-27-58, Cl. 210-248.
- Serrano, Carlos M.: *See*—
Ortuno, Angel V., Fernandez, and Serrano. 2,847,281.
- Serrell, Peter V. H., to International Telemeter Corp. Record member for computing system. 2,848,163, 8-19-58, Cl. 235-61.12.
- Serres, Jean P. J., to Societe pour l'Etude et La Realisation Dans l'Industrie "S. E. R. D. I." Measuring pumps. 2,847,940, 8-19-58, Cl. 103-38.
- Sertl, Robert J.: *See*—
Crowley, George C., and Sertl. 2,833,251.
- Serto, Ferdinand N., to Marshall, Serto & Co. Hinged support. 2,835,522, 5-20-58, Cl. 287-99.
- Sertorio, Francesco, to Societa Anonima Italiana Colori e Affini. Water-in-oil dyestuff emulsions and their application to the dyeing and printing of cloths and fibers. 2,828,180, 3-25-58, Cl. 8-62.
- Seruto, Joseph, to American Cyanamid Co. Oil soluble azo colors. 2,850,493, 9-2-58, Cl. 260-182.
- Servanty, Lucien, to Societe Nationale de Constructions Aeronautiques du Sud-Ouest. Aerodyne. 2,859,003, 11-4-58, Cl. 244-12.
- Servanty, Lucien, to Societe Nationale de Constructions Aeronautiques du Sud-Ouest. Aerodyne remote control system. 2,863,619, 12-9-58, Cl. 244-14.
- Servco Engineering, Ltd.: *See*—
Chadderdon, Jack. 2,865,605.
Van Note, Charles O., Jr. 2,821,363.
- Servco Equipment Co.: *See*—
Gates, Earl J. 2,847,552.
- Servco Mfg. Co.: *See*—
Owen, Robert G. 2,833,638.
- Service Diamond Tool: *See*—
Small, Louis. 2,844,957.
- Service Pipe Line Co.: *See*—
Hill, Arthur M. 2,845,952.
- Servigne, Marcel, and E. Szarvasi, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Production of lysine and intermediates. 2,839,574, 6-17-58, Cl. 260-518.
- Servigne, Marcel, and E. Szarvasi, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Process of preparing esters. 2,843,607, 7-15-58, Cl. 260-347.5.
- Servo Corp. of America: *See*—
Blackstone, Henry. 2,832,820.
Blackstone, Henry. 2,856,809.
Blackstone, Henry. 2,860,179.
Blackstone, Henry, and Willey. 2,859,653.
Cardon, Jules, and Richter. 2,844,714.
Hopgood, Roy C. 2,859,652.
Howell, Sabert N. 2,829,267.
McDonald, Joseph F. 2,848,671.
Thielsens, Emil H. 2,865,253.
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- Servomechanisms Inc.: *See*—
Azgaperian, Victor. 2,837,733.
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Moore, David W., and Kuhlman. 2,827,536.
- Sesam S. A.: *See*—
Pendar, Kenneth. 2,834,669.
- Sesker, Ralph B.: *See*—
Turnbow, Amos D., and Sesker. 2,849,161.
- Sessen, Lyman, to Union Carbide Corp. Concentration of foamy latices. 2,853,127, 9-23-58, Cl. 159-47.
- Sessions Clock Co., The: *See*—
Clark, Harold L. 2,826,651.
- Setchell, Barton T. High voltage transformer assemblies. 2,858,356, 10-28-58, Cl. 174-52.
- Setchfield, John B.: *See*—
Lewin, Leonard, and Setchfield. 2,858,513.
- Setecka, John C., to Measure-All Corp. Adjustable measuring receptacle. 2,826,078, 3-11-58, Cl. 73-429.
- Setecka, John C. Babies' bathtub. 2,854,671, 10-7-58, Cl. 4-183.
- Setecka, John C. Measuring scoop. 2,854,849, 10-7-58, Cl. 73-429.
- Set Screw & Mfg. Co.: *See*—
Brown, Calvin O., and X. R. Dodge. 2,842,180.
- Settel, Arthur G. Cutting machine. 2,838,895, 6-17-58, Cl. 53-111.
- Setterdahl, Fred N. Fish hookers. 2,850,831, 9-9-58, Cl. 43-15.
- Settle, Joseph E., Jr. Seal for concrete pipe joint having means for spacing the pipe ends. 2,832,614, 4-29-58, Cl. 285-230.
- Settles, James C., to The Buckeye Steel Castings Co. Spring group and damping mechanism. 2,835,486, 5-20-58, Cl. 267-9.
- Seubert, Harry M., Jr. Internal combustion engine piston and oil ring for same. 2,864,660, 12-16-58, Cl. 309-45.
- Seulen, Gerhard, to Deutsche Edelstahlwerke Akt. Method of and an apparatus for the electrical resistance heating of semi-finished metallic articles. 2,841,692, 7-1-58, Cl. 219-156.
- Seulen, Gerhard, to Deutsche Edelstahlwerke Akt. Method of and apparatus for the electrical resistance heating of semi-finished metal products for the purpose of their immediate subsequent hot deformation. 2,856,514, 10-14-58, Cl. 219-150.
- Seulen, Gerhard, and W. Connert, to Deutsche Edelstahlwerke Akt. Method for the inductive hardening of elongated workpieces. 2,845,377, 7-29-58, Cl. 148-10.5.
- Sevcik, John G., to Burton-Dixie Corp. Davenport-bed. 2,832,083, 4-29-58, Cl. 5-14.
- Sevcik, John G., to Burton-Dixie Corp. Bed lounge. 2,851,699, 9-16-58, Cl. 5-23.
- Sevcik, John G., to Burton-Dixie Corp. Trundle bed assembly. 2,853,716, 9-30-58, Cl. 5-8.
- Severance, Donald W.: *See*—
Leavengood, Ernest A., and Severance. 2,829,002.
- Severin, Jose, to Friedrich Kocks G. m. b. H. Gear mechanism. 2,846,895, 8-12-58, Cl. 74-394.
- Severn, Douglas K., to Koppers Co., Inc. Process of retanning mineral tanned leather with resorcinol-formaldehyde. 2,840,445, 6-24-58, Cl. 8-94.21.
- Severns, Roger A., to The Powers Regulator Co. Variable resistance apparatus for measuring fluid temperatures. 2,859,320, 11-4-58, Cl. 201-63.
- Serverson, Nels A., to Munsingwear, Inc. Men's undergarments. 2,827,051, 3-18-58, Cl. 128-159.
- Serverson, Wayne: *See*—
Ahlbrecht, Arthur H., Friedlander, and Severson. 2,839,513.
- Severy, Lawrence A.: *See*—
Pearsall, Ralph E., and Severy. 2,832,975.
- Sevey, Don C.: *See*—
Aylor, Elmo E., and Sevey. 2,823,638.
- Sevey, Don C., to Midwest Mfg. Corp. Oven switch. 2,824,185, 2-18-58, Cl. 200-61.81.
- Severson, Luther E., to E. G. Staude Mfg. Co., Inc. Machine for making plastic boxes. 2,843,027, 7-15-58, Cl. 93-45.
- Seward, Emmett R. Ditcher boom mounted side scraper. 2,830,390, 4-15-58, Cl. 37-86.
- Seward, Warren K., to The Carborundum Co. Supporting device for coated abrasive products. 2,865,144, 12-23-58, Cl. 51-141.
- Sewell, Donald N., to Wind Turbine Co. Detachable brackets. 2,846,174, 8-5-58, Cl. 248-223.
- Sewerage Commission of the City of Milwaukee: *See*—
Wolnak, Bernard, and Zinn. 2,833,692.
- Sexton, Arthur R.: *See*—
Britton, Edgar C., and Sexton. 2,821,535.
- Sexton, Arthur R., and E. C. Britton, to The Dow Chemical Co. Preparation of salts of hydroxy aliphatic sulfonic acids. 2,820,818, 1-21-58, Cl. 260-513.
- Sexton, Arthur R., and E. C. Britton, to The Dow Chemical Co. Method for the preparation of N-methyleneglycinonitrile. 2,823,222, 2-11-58, Cl. 260-465.5.
- Sexton, Arthur K., and E. C. Britton, to The Dow Chemical Co. N-(hydroxyalkyl) taurine compounds and method of preparation. 2,830,082, 4-8-48, Cl. 260-513.
- Sexton, David. Support for tree-topping apparatus. 2,846,175, 8-5-58, Cl. 248-230.
- Sexton, Edwin L.: *See*—
Murray, Harry A., Sexton and Melnick. 2,864,702.
- Sexton, Everett P., and E. S. Cook, to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,846,273, 8-5-58, Cl. 303-66.
- Sexton, Robert W., to American Air Filter Co., Inc. Military vehicle air filter. 2,853,153, 9-23-58, Cl. 183-34.
- Sexton, Stanley P., to The General Tire & Rubber Co. Interwoven fabric for vehicle tops or the like. 2,857,654, 10-28-58, Cl. 28-80.
- Seybolt, Alan U.: *See*—
Kesselring, Kenneth A., and Seybolt. 2,863,814.
- Seybolt, Alan U., to the United States of America as represented by the United States Atomic Energy Commission. Uranium alloys. 2,830,896, 4-15-58, Cl. 75-122.7.
- Seyfarth, Robert, to General Motors Corp. Heating and ventilating system or apparatus for vehicles. 2,836,113, 5-27-58, Cl. 98-2.

- Seyfarth, Robert, to General Motors Corp. Variable diameter pulley. 2,851,894, 9-16-58, Cl. 74—230,17.
- Seyfert, Edith, to Firma Z. P. A. Zigaretten-Papier-Kommanditgesellschaft Behr, Jaux & Co. Packages. 2,831,571, 4-22-58, Cl. 206—47.
- Seyferth, Dietmar, to Dow Corning Corp. Organosilicon boranes. 2,831,009, 4-15-58, Cl. 260—148.2.
- Seyforth, Rome C., to The Shelby Metal Products Co. Hardware display card with self-locking fastener. 2,858,938, 11-4-58, Cl. 206—80.
- Seymour, Dexter C., to United States Rubber Co. Polymerization of vinyl chloride. 2,831,843, 4-22-58, Cl. 260—92.8.
- Seymour, Dexter C., and V. G. Simpson, to United States Rubber Co. Polymerization of vinyl chloride. 2,831,844, 4-22-58, Cl. 260—92.8.
- Seymour, Hale D., to A. O. Smith Corp. Vessel closure. 2,835,269, 5-20-58, Cl. 137—467.
- Seymour, James E., to Central Farmers Fertilizer Co. Process for producing mixed fertilizers. 2,837,418, 6-3-58, Cl. 71—64.
- Seymour-Lee, Roger W., to The Sperry Gyroscope Co. Ltd. Gyroscopic apparatus. 2,852,940, 9-23-58, Cl. 74—5.4.
- Seymour, Lucius J.; *See—*
Phil, Carl. 2,821,296.
- Seymour, Norman D.; *See—*
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- Seymour, Philip J. Insulation slitting pliers. 2,830,367, 4-15-58, Cl. 30—91.
- Seymour, Philip M. Display rack. 2,835,394, 5-20-58, Cl. 211—41.
- Sferrazza, Peter J., to Sperry Rand Corp. Directional couplers. 2,820,203, 1-14-58, Cl. 333—10.
- Sferrazza, Peter J., to Sperry Rand Corp. Circularly polarized antenna. 2,851,687, 9-9-58, Cl. 343—850.
- Sfortunato, Theodore, and W. M. Connors, to National Dairy Products Corp. Conversion of lactose to glucose and galactose with a minimum production of oligosaccharides. 2,826,502, 3-11-58, Cl. 99—54.
- Shaaber, Paul N.; *See—*
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- Shabaker, Hubert A., to Houdry Process Corp. Flow control device. 2,850,038, 9-2-58, Cl. 137—505.13.
- Shabaker, Hubert A., to Houdry Process Corp. Supported noble metal catalyst. 2,857,336, 10-21-58, Cl. 252—466.
- Shabaker, Hubert A., and R. M. Shirk, to Houdry Process Corp. Solids withdrawal system. 2,829,751, 4-8-58, Cl. 193—1.
- Shabarick, Tony A. Fish hook attaching means for lures. 2,821,045, 1-28-57, Cl. 43—42.44.
- Shaberman, Stanley, and W. Kantralis; said Shaberman assor. to said Kantralis. Portable shower. 2,862,211, 12-2-58, Cl. 4—154.
- Shacat, Meyer; *See—*
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- Shackelford, John H. Method for the correction of malfunctioning muscles of mastication. 2,829,639, 4-8-58, Cl. 128—68.
- Shackelford, Milton H., to United States of America, Atomic Energy Commission. Neutronic reactor fuel element. 2,864,758, 12-16-58, Cl. 204—193.2.
- Shackelford, Renee M. F. Polishing attachment for electric mixers. 2,822,562, 2-11-58, Cl. 15—230.
- Shackell, Leon F. Germicide. 2,854,375, 9-30-58, Cl. 167—31.
- Shacklett, Comer D., to E. I. du Pont de Nemours and Co. Organic polymers and their preparation. 2,830,972, 4-15-58, Cl. 260—80.3.
- Shacklett, Comer D., to E. I. du Pont de Nemours and Co. Photographic emulsions. 2,833,650, 5-6-58, Cl. 96—114.
- Shacklett, Comer D., to E. I. du Pont de Nemours and Co. Copolymers of N-acrylamide alkyl betaines. 2,834,758, 5-13-58, Cl. 260—78.
- Shacklett, Comer D., to E. I. du Pont de Nemours and Co. Terpolymers of N-acrylamido-alkyl betaines. 2,846,417, 8-5-58, Cl. 260—78.
- Shada, Joseph J., to Nu Jet Products Corp. Lubricator for pneumatically operated tools. 2,857,983, 10-28-58, Cl. 184—55.
- Shadley, George R. Animal shackle. 2,819,489, 1-14-58, Cl. 17—44.1.
- Shadowitz, Albert. Self-luminous screen, television receiving system and display system. 2,858,480, 10-28-58, Cl. 315—168.
- Shadwick, William D.; *See—*
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Standish, Myles, and Shadwick. 2,836,332.
Standish, Myles, and Shadwick. 2,842,406.
- Shadwick, William D., and M. Standish, to Omaha Standard, Inc. Trailer hopper. 2,836,461, 5-27-58, Cl. 298—35.
- Shafer, Carlton M., G. E. Neff, and A. C. Marsh, Jr. Brick package forming machine construction. 2,844,091, 7-22-58, Cl. 100—25.
- Shafer, Henry M., to Merck & Co., Inc. Glaucarubin amebicide. 2,864,745, 12-16-58, Cl. 167—65.
- Shafer, Homer J., to Shafer Valve Co. Automatic reopening system for pipe line valve. 2,836,192, 5-27-58, Cl. 137—488.
- Shafer, Homer J., to Shafer Valve Co. Pressure relief valve. 2,840,104, 6-24-58, Cl. 137—491.
- Shafer, Homer J., to Shafer Valve Co. Hydraulic valve operator control system. 2,849,987, 9-2-58, Cl. 121—46.5.
- Shafer, James A., to National Malleable and Steel Castings Co. Car truck. 2,837,034, 6-3-58, Cl. 105—197.
- Shafer, John F. Fold up and rollaway step. 2,863,594, 12-9-58, Cl. 228—48.
- Shafer, John H.; *See—*
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- Shafer, John H., 50% to C. Whitmoyer. Magnetic work holder. 2,845,273, 7-29-58, Cl. 279—1.
- Shafer, Julius E., deceased, by The Northern Trust Co., executor, to J. H. and O. J. Shafer, J. A. Gross, and The Northern Trust Co., as trustees. Bearing seal. 2,823,936, 2-18-58, Cl. 286—5.
- Shafer, Marcus. Paste spreading machine. 2,859,462, 11-11-58, Cl. 15—99.
- Shafer, Olin J.; *See—*
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- Shafer, Paul W.; *See—*
Bailey, Donald L., Shafer, and Wagner. 2,834,648.
- Shafer, Philip E., to Minneapolis-Honeywell Regulator Co. Electrical device. 2,847,619, 8-12-58, Cl. 317—166.
- Shafer Valve Co.; *See—*
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- Shafer, William A. Surgical knife. 2,845,072, 7-29-58, Cl. 128—303.14.
- Shafer, William H. Water heater shield. 2,830,574, 4-15-58, Cl. 126—85.
- Shaff, Ernest H., to The Aro Equipment Corp. Power operated magazine fed screw driver. 2,818,893, 1-7-58, Cl. 141—32.
- Shaff, Ernest H. Balanced reversing air valve structure. 2,827,880, 3-25-58, Cl. 121—39.
- Shaffer, Edward E., to Shaffer Music Co. Built-in sound system for home. 2,821,260, 1-28-58, Cl. 181—31.
- Shaffer, John E. Toy knife. 2,826,859, 3-18-58, Cl. 46—1.
- Shaffer, Keith G.; *See—*
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- Shaffer Music Co.; *See—*
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- Shaffer Tool Works; *See—*
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- Shaffer, William R.; *See—*
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- Shaffer, William R., to Wald Industries, Inc. Road marking apparatus. 2,852,305, 9-16-58, Cl. 299—25.
- Shaffer, William R., to Wald Industries, Inc. Sprocket tooth and assembly. 2,863,323, 12-9-58, Cl. 74—243.
- Shafer, Ralph W., and E. V. Heegaard, to International Minerals & Chemical Corp. Production of monosodium glutamate. 2,829,161, 4-1-58, Cl. 260—527.
- Shaffer, Adolph F., to U. S. Mfg. Corp. Steak and frankfurter broiler. 2,827,847, 3-25-58, Cl. 99—394.
- Shahabeddin, Jamal Z.; *See—*
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- Shahan, Wallace S. Seal. 2,824,761, 2-25-58, Cl. 292—317.
- Shahan, William E.; *See—*
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- Shahrok, Bahman K., 25% to R. M. Chesbro, and 50% to B. E. Williams. Meat-flavoring condiment. 2,825,650, 3-4-58, Cl. 99—143.
- Shakely, Howard H., to Jones & Laughlin Steel Corp. Continuous draft indicator for rolling mills. 2,827,236, 3-18-58, Cl. 235—103.5.
- Shakespeare Products Co.; *See—*
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- Shaleo Engineering Corp.; *See—*
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- Shald, John; *See—*
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- Shald, Richard D., 50% to J. Shald. Blade attachment for dozers. 2,821,217, 1-28-58, Cl. 144—34.
- Shallenberg, Robert L., to International Harvester Co. Liquid fuel pumping and metering distributor with rotating pumping and distributing plunger. 2,839,999, 6-24-58, Cl. 103—2.
- Shallenberger, Frank, and L. D. Millard, to Shaleo Engineering Corp. Core blowing machine for making shell molds. 2,852,818, 9-23-58, Cl. 22—10.
- Shallenberger, Frank K., E. Krupotich, and G. H. Bingham, Jr., to Shaleo Engineering Corp. Shell molding apparatus. 2,865,066, 12-23-58, Cl. 22—20.
- Shallon, Sheldon C., to Hughes Aircraft Co. Time discriminator. 2,837,644, 6-3-58, Cl. 250—27.
- Shal-O-Draft Boats, Inc.; *See—*
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- Shambaugh, James P.; *See—*
Fahnestock, Frank C., and Shambaugh. 2,859,171.
- Shamberg, Morris F., and J. E. Blythe, to United States of America, Army. Packaging insert for packing box. 2,850,155, 9-2-58, Cl. 206—46.
- Shames, Sidney J., and H. W. McGuire. Anti-siphon trap. 2,852,034, 9-16-58, Cl. 137—217.

- Shampaine Co.: See—
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 Einstein, Alfred C., and McRae. 2,860,937.
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 Shanhouse, William M., E. Daher, and R. B. Stopp, to United States of America, Navy. Relative motion intercept trainer. 2,864,177, 12-16-58, Cl. 35—10.2.
 Shand, Stanley G., to Saunders Valve Co. Ltd. Fluid control valves. 2,837,308, 6-3-58, Cl. 251—174.
 Shand, Stanley G., to Saunders Valve Co. Ltd. Gate valves. 2,853,269, 9-23-58, Cl. 251—327.
 Shane, Le Roy. Drum package. 2,850,156, 9-2-58, Cl. 206—47.
 Shane, Robert S.: See—
 Conklin, Dwight B., and Shane. 2,847,384.
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 Brown, Norman M., Jr., and Shank. 2,835,450.
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 Alholm, Wayne I., Ballou, Lynn, Shanklin, and Stokes. 2,846,335.
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 Shanklin, John P., deceased, by M. H. Shanklin, executrix, to Collins Radio Co. Antenna computing means. 2,866,968, 12-30-58, Cl. 343—100.
 Shanklin, Mary H.: See—
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 Shankweiler, Ray G.: See—
 Larky, Norbert D., and Shankweiler. 2,838,740.
 Shankweiler, Don. Door check. 2,846,713, 8-12-58, Cl. 16—83.
 Shanley, James J.: See—
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 Shanley, John P., to Control Products Inc. Miniature switch. 2,824,933, 2-25-58, Cl. 200—138.
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 Shannon, Jack F., to Bailey Meter Co. Ratio control systems. 2,833,298, 5-6-58, Cl. 137—85.
 Shannon, James F., and H. Farrington, to Metropolitan-Vickers Electrical Co. Ltd. Gas turbine plant with liquid and gaseous fuels. 2,826,038, 3-11-58, Cl. 60—39.46.
 Shannon, John K. Storage battery with electrolyte reservoir. 2,832,814, 4-29-58, Cl. 136—162.
 Shannon, Mary E. Combined mop, squeezer and reservoir. 2,834,036, 5-13-58, Cl. 15—124.
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- Sharpe, Verlos G., to General Motors Corp. Refrigerator storage tray. 2,855,262, 10-7-58, Cl. 312-325.
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- Shelby, Donald E., to K. W. Poling. Drum rack. 2,846,078, 8-5-58, Cl. 211-85.
- Shelby, John A., and A. F. Paton, to International Harvester Co. Investment machine for making shell molds. 2,830,337, 4-15-58, Cl. 22-9.
- Shelby Metal Products Co., The: *See*—
- Seyforth, Rome C. 2,858,938.
- Shelby, William E., to Scott & Williams, Inc. Knitting machine. 2,829,510, 4-8-58, Cl. 66-155.
- Sheldon, Edward E. Television camera for examination of internal structures. 2,845,485, 7-29-58, Cl. 178-68.
- Sheldon, Edward E. Tube for storage of images. 2,845,561, 7-29-58, Cl. 313-65.
- Sheldon, Edward E. Apparatus for supersonic examination of bodies. 2,848,890, 8-26-58, Cl. 73-67.5.
- Sheldon, Edward E. Tube sensitive to images of invisible radiation. 2,851,624, 9-9-58, Cl. 313-65.
- Sheldon, Frank A., to The Sherwin-Williams Co. Aqueous textile printing extenders comprising a galactomannan, a water soluble ferrous salt, method of preparing and textile fabric treated therewith. 2,844,547, 7-22-58, Cl. 260-17.3.
- Sheldon, Fred R., R. L. McEwen, and C. E. Price, to Food Machinery and Chemical Corp. Process of maintaining brightness in high density wood pulp having a pH 6-10 by adding hydrogen peroxide and composition produced thereby. 2,822,236, 2-4-58, Cl. 8-104.
- Sheldon, Joseph A. Dental instrument. 2,835,972, 5-27-58, Cl. 32-66.
- Sheldon, William M., to Metals Disintegrating Co., Inc. Hammer layouts for impact pulverizers. 2,827,242, 3-18-58, Cl. 241-186.
- Shell, Bernice F., to Graver Tank & Mfg. Co., Inc. Weighted shoe hanger. 2,846,111, 8-5-58, Cl. 220-026.
- Shell-Cast Alloys Ltd.: *See*—
- Andrews, Robert S. L. 2,821,375.
- Shell Development Co.: *See*—
- Airs, Raymond S., Garner, Hartley, and Shimmin. 2,847,383.
- Arabian, Karekin G., and Duncan. 2,848,385.
- Armstrong, Jack W., Preiss, and Edgar. 2,829,100.
- Armstrong, Jack W., and Woods. 2,848,417.
- Armstrong, Jack W., Woods, and Francis. 2,837,170.
- Banks, William B., and Connors. 2,831,350.
- Barnum, Emmett R., Lorensen, and Zachar. 2,839,512.
- Baumgartner, Herman J., and Gable. 2,833,700.
- Beaubien, Stewart J., Reamer, and Williams. 2,825,693.
- Bell, Edward R., and Payne. 2,853,494.
- Bell, Edward R., and Thorpe. 2,831,881.
- Bergstrom, Roland F., Trowbridge, and Jones. 2,820,010.
- Boelhouwer, Cornelis, De Roos, and Waterman. 2,852,478.
- Broussard, Douglas E. 2,852,936.
- Buls, Vernon W., and Thomas. 2,835,693.
- Carey, James E. 2,839,495.
- Carlson, George J., and Gaertner. 2,845,447.
- Carlson, George J., Skinner, Smith, and Wilcoxon. 2,833,787.
- Chilton, Ernest G., and Handley. 2,821,205.
- Clar, Eric, and Stewart. 2,841,597.
- Cofer, Kenneth B. 2,838,574.
- Cox, William R., Jr., and Howe. 2,854,215.
- Crake, Wilfred S. 2,843,054.
- Crake, Wilfred S. 2,854,825.
- David, Vernon W., and Irving. 2,834,734.
- Davies, Donald G., and Peperzak. 2,865,958.
- Davies, Peter L., and Galvin. 2,862,886.
- De Jong, Willem A. 2,853,532.
- De Keizer, Adrianus, Max, and Kreps. 2,848,514.
- Dicks, Robert S. 2,833,699.
- Duguid, Howard Q. 2,818,995.
- Dykstra, Bouwe. 2,850,271.
- Effinger, Robert T. 2,857,922.
- Ellis, Glyn, Hartley, and Mosely. 2,865,956.
- Elton, Maurice, and Winsor. 2,853,453.
- Engel, Willem F. 2,863,825.
- Engel, Willem F., and Krüger. 2,862,278.
- Evans, Harry D. 2,849,079.
- Evans, Harry D., and Hughes. 2,819,206.
- Evans, Theodore W., and Ballard. 2,831,837.

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 Fetterly, Lloyd C., Koetitz, and Penhale. 2,850,545.
 Fetterly, Lloyd C., Koetitz, and Penhale. 2,854,493.
 Fischer, Rudolph F. 2,858,330.
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 Fraser, Harold M. Re. 24,458.
 Furman, Kenneth E., Finch, and Hearne. 2,860,146.
 Garner, Philip J. 2,839,564.
 Glendenning, Everett B., Wies, and Caron. 2,866,694.
 Good, George M., and Paul. 2,830,106.
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 Hackmann, Johannes T. 2,864,736.
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 Hartley, James, Ramsay, and Shimmis. 2,820,014.
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 Holzman, George, and Good. 2,841,626.
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 Hughes, John, and Garner. 2,862,883.
 Ilman, John C. 2,862,869.
 Jenkins, Edgar W. Jr. 2,852,600.
 Johnson, Oliver, and Nozaki. 2,834,740.
 Joyce, John R. 2,829,923.
 Joyce, John R., Williams, and Anson. 2,844,025.
 Kaufman, Sidney. 2,849,076.
 Keeler, William R., Evans, and Prerotti. 2,819,949.
 Keulemans, Aloysius M., and Kwantes. 2,824,148.
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 Kukucho, George S., and Hersey. 2,831,659.
 Lamb, John. 2,819,676.
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 Lindeboom, Johannes. 2,831,840.
 Luten, Daniel B., Jr. 2,845,464.
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 Mahoney, Clarence L., and Diamond. 2,820,011.
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 Manning, Earl, Jr., and Kaemmerlen. 2,819,049.
 Martin, Robert W. 2,820,022.
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 Max, Nicolaas, 2,854,468.
 McNeill, Robert C. 2,865,179.
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 Mountford, Lawrence A. 2,829,664.
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 Newey, Herbert A. 2,824,082.
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 Nixon, Alan C., Deal, and Wilson. 2,835,714.
 Nixon, Ivor G. 2,847,363.
 Norton, Douglas G., and Davis. 2,841,622.
 Norton, Douglas G., and Morris. 2,841,623.
 Norton, Douglas G., and Morris. 2,841,624.
 Nozaki, Kenzie. 2,852,565.
 Offeringa, Jan. 2,823,751.
 Parry, Harvey L., and Hubbard. 2,824,083.
 Payne, George B., Smith, and Mueller. 2,832,799.
 Penner, Carl J. 2,843,147.
 Penner, Carl J., Griffin, Miles, and Simpson. 2,865,197.
 Peterson, Walter H. 2,831,809.
 Peterson, Walter H., Abrams, and Stross. 2,860,104.
 Pezzaglia, Philip. 2,840,541.
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 Pieters, Willem J., Alders, and Doorn. 2,847,356.
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 Phillips, Clifton H. 2,819,113.
 Raifsnider, Philip J. 2,861,924.
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 Reese, Lyman C. 2,824,445.
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 Ring, Kenneth A. 2,825,409.
 Rolfe, Hugh R. 2,848,667.
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 Schmidt, Johann H. F. D. 2,849,374.
 Schoonmakers, Pieter J., and van de Putte. 2,836,233.
 Schroeder, Carl W. 2,826,514.
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 Scott, Lawrence B., and Morris. 2,821,463.
 Sharp, Joseph G. 2,857,150.
 Shellard, Arthur D., and Temby. 2,819,611.
 Shokal, Edward C. 2,819,252.
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 Smith, Curtis W. 2,820,813.
 Smith, Curtis W. 2,838,575.
 Smith, Curtis W. 2,858,323.
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 Soloway, Samuel B. 2,839,553.
 Sorem, Stanley S. 2,841,244.
 Stiles, Alan R., and Whetstone. 2,865,944.
 Stillebroer, Cornelis, and Schlamann. 2,849,992.
 Sumner, Fred. 2,839,742.
 Tadema, Harco J., and Quant. 2,863,510.
 Ten Have, Cornelis D., and Pieters. 2,862,878.
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 Van Deemter, Jan J. 2,861,431.
 Van der Hoeven, Hendrik W., and Oudeman. 2,856,342.
 Van der Minne, Johan L., and Hermanie. 2,820,007.
 Van der Waals, Joan H., and Dallinga. 2,842,604.
 Van Dijk, Willem J. D. 2,857,979.
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 Van Dyke, Ross E., and Trainer. 2,865,867.
 Van Eck, Constantijn L. V. 2,837,466.
 Van Eysbergen, John H. L. 2,850,037.
 Van Loon, Mintje, and Verberg. 2,865,849.
 Van Rossum, Jacobus J. 2,857,980.
 Van Scoy, Robert W. 2,830,081.
 Van Utenhove, Gerard F. L. B., Tadema, and Kets. 2,862,557.
 Voge, Hervey H., and Atkins. 2,847,475.
 Warren, Grant E., Anderson, and Ratner. 2,839,470.
 Watson, Forrest J. 2,842,497.
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 Zimpel, Carl F. 2,866,729.
 Zuiderweg, Frederik J., Manning, and Claridge. 2,862,697.
 Zuiderweg, Frederik J., and Verburg. 2,862,696.
 Shell, Francis J., to Phillips Petroleum Co. Cement composition. 2,852,402, 9-16-58, Cl. 106-93.
 Shell, John W.: *See*—
 Allen, Wade W., and Shell. 2,847,579.
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 Swiger, William F., and Zaskey. 2,857,744.
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 Shelmire, Stanley R., to Scott & Williams, Inc. Knitting machine jack. 2,821,846, 2-4-58, Cl. 66-123.
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 Shelton, Claude, Jr., to The Mar-Gold Corp. Machine for forming and handling margarine and the like. 2,859,573, 11-11-58, Cl. 53-123.
 Shelton, Edgar A., to Continental Oil Co. Pressure tank. 2,844,271, 7-22-58, Cl. 220-3.
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 Shelton, James L., to International Minerals & Chemical Corp. Process of treating sugar beet molasses to recover barium saccharate and glutamic acid. 2,842,591, 7-8-58, Cl. 260-527.
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- Shelton, Nancy E. Automobile windshield awning. 2,843,421, 7-15-58, Cl. 296-95.
- Shelton, Robert D.: *See*—
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- Shelton, Russell O.: *See*—
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- Shelton Tack Co., The: *See*—
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- Shelton, Winston L., and M. R. Karecki, to General Electric Co. Two-way pump. 2,864,312, 12-16-58, Cl. 103-3.
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- Shen, Kwan-Ting, to Petrolite Corp. Certain substituted cyclic amidines. 2,819,284, 1-7-58, Cl. 260-309.6.
- Shen, Kwan-Ting, V. L. Stromberg, and A. H. Smith, to Petrolite Corp. Fuel oil composition. 2,854,323, 9-30-58, Cl. 44-66.
- Shen, Kwan-Ting, V. L. Stromberg, and A. H. Smith, to Petrolite Corp. Fuel oil composition. 2,854,324, 9-30-58, Cl. 44-66.
- Shen, Yen T., to Torch Mfg. Corp. Waterproof flashlight. 2,837,630, 6-3-58, Cl. 240-10.6.
- Shenfield, Elizabeth H.: *See*—
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- Shenfield, Gustav D. and E. H. Multi pocket purse. 2,827,093, 3-18-58, Cl. 150-30.
- Shenk, Donald H., to the United States of America as represented by the Secretary of the Army. Fuse. 2,818,812, 1-7-58, Cl. 102-79.
- Shenk, Wilbur J., Jr.: *See*—
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- Shepard, Arthur P.: *See*—
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- Shepard, Arthur P., to Metallizing Engineering Co., Inc. Heat fusible material spray gun. 2,832,640, 4-29-58, Cl. 299-28.8.
- Shepard, Edward S., Sr., to The Garrett Corp. Magnetic accelerometer. 2,852,243, 9-16-58, Cl. 264-1.
- Shepard, Francis H., Jr.: *See*—
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- Shepard, Francis H., Jr. Balanceable saturable reactor. 2,833,987, 5-6-58, Cl. 324-70.
- Shepard, Francis H., Jr., to Remco Electronic, Inc. Follow-up device. 2,847,867, 8-19-58, Cl. 74-388.
- Shepard, George A., to Republic Steel Corp. Process for enameling steel. 2,819,207, 1-7-58, Cl. 204-38.
- Shepard, Harwood. Convertible top for boats. 2,821,989, 2-4-58, Cl. 135-6.
- Shepard, Herbert C.: *See*—
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- Shepard, Robert B. Template for placement of military ribbons. 2,821,787, 2-4-58, Cl. 33-180.
- Shepard, Stanley C., to International Standard Electric Corp. Electric devices employing semiconductors. 2,836,878, 6-3-58, Cl. 29-25.3.
- Shepard, William G., to Boeing Airplane Co. Electronic frequency doublers. 2,829,253, 4-1-58, Cl. 250-36.
- Shepherd, Alexander T., G. S. Walker, and D. T. N. Williamson, to Ferranti, Ltd. Measuring apparatus. 2,862,200, 11-25-58, Cl. 340-177.
- Shepherd, Charles C., to Ethyl Corp. Synergistic antioxidant compositions. 2,865,722, 12-23-58, Cl. 44-69.
- Shepherd, Charles S., to Radio Corp. of America. Protective system. 2,855,547, 10-7-58, Cl. 317-18.
- Shepherd, Clayton C., Jr., to North American Aviation, Inc. Fuse holder. 2,821,603, 1-28-58, Cl. 200-133.
- Shepherd, Dallas E. Rear axle seal. 2,844,419, 7-22-58, Cl. 308-187.1.
- Shepherd, Donald W., to Portasil Ltd. Silos and like storage containers. 2,838,805, 6-17-58, Cl. 20-1.4.
- Shepherd, James W.: *See*—
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- Shepherd, John C. Refrigerant article and composition. 2,863,305, 12-9-58, Cl. 62-530.
- Shepherd, John V. Mop head. 2,826,779, 3-18-58, Cl. 15-229.
- Shepherd, Judson O'D., deceased; M. F. Shepherd, executrix. Dial telephone system employing senders with card translators. 2,834,835, 5-13-58, Cl. 179-18.
- Shepherd, Margaret F.: *See*—
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- Shepherd, Ridgley G., Jr., to Dennison Mfg. Co. Heat transfer. 2,862,832, 12-2-58, Cl. 117-3.2.
- Shepherd, Ridgley G., Jr., and E. C. Dearborn, to United States Testing Co., Inc. Epoxy resin. 2,857,362, 10-21-58, Cl. 260-17.
- Shepherd, Ridgley G., Jr., and E. C. Dearborn, to United States Testing Co., Inc. Epoxy resins cured with mixtures of polycarboxylic acid anhydrides. 2,863,852, 12-9-58, Cl. 260-47.
- Shepherd, Robert G.: *See*—
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- Shepherd, Roy, to Graver Tank & Mfg. Co., Inc. Dehydration arrangement. 2,866,516, 12-30-58, Cl. 183-2.7.
- Shepherd Tractor & Equipment Co.: *See*—
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- Shepherd, William G., to United States of America, Army. Secondary electron emitter. 2,846,338, 8-5-58, Cl. 117-219.
- Shepherdson, William L., to J. E. Meacham. Folding furniture structure. 2,849,054, 8-26-58, Cl. 155-139.
- Shepler, John T., to Eli Lilly and Co. Antibiotic salts and preparation thereof. 2,852,429, 9-16-58, Cl. 167-65.
- Shepp, Robert O., to General Electric Co. Portable control cable with crepe paper separator. 2,856,453, 10-14-58, Cl. 174-116.
- Sheppard, Charles B., to Fruehauf Trailer Co. Insulated load supporting structural beams for refrigerated trailers. 2,857,196, 10-21-58, Cl. 296-28.
- Sheppard, Charles B., and P. Tenenbaum, to Fruehauf Trailer Co. Pre-selector for positioning running gear relative to trailer body load. 2,831,700, 4-22-58, Cl. 280-81.
- Sheppard, Charles B., and P. Tenenbaum, to Fruehauf Trailer Co. Pre-selector for positioning running gear relative to trailer body load. 2,841,411, 7-1-58, Cl. 280-81.
- Sheppard, Harold. Adjustable seat for toy horses. 2,851,275, 9-9-58, Cl. 280-1.188.
- Sheppard, John. Bushing insert for base plate for sewing machine. 2,837,047, 6-3-58, Cl. 112-260.
- Sheppard, Richard H. Hydraulic steering gear. 2,830,461, 4-15-58, Cl. 74-388.
- Sheppard, Richard H. Bearing structure cap locator. 2,836,470, 5-27-58, Cl. 308-74.
- Sheppard, Richard H. Center point triple steering knuckle. 2,841,427, 7-1-58, Cl. 287-87.
- Sheppard, Richard H. Tractor drive with dual clutch. 2,853,892, 9-30-58, Cl. 74-330.
- Shequen, Winston G.: *See*—
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- Shera, John W., to American Flange & Mfg. Co., Inc. Capseal applying tool. 2,863,272, 12-9-58, Cl. 53-348.
- Sherban, Daniel V., to The Babcock & Wilcox Co. Classification of gas entrained fuel particles. 2,845,883, 8-5-58, Cl. 110-106.
- Sherbert, Wilford L., and R. M. Thornton. Mold jacket. 2,828,517, 4-1-58, Cl. 22-106.
- Sherbondy, Roy S.: *See*—
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- Sherbondy, William A. Dispensing receptacle for plastic materials. 2,821,332, 1-28-58, Cl. 222-569.
- Sherbondy, William A. Dispensing device for plastic materials. 2,831,615, 4-22-58, Cl. 322-391.
- Sherbondy, William A. Dispensing device for caulking and like material. 2,833,444, 5-6-58, Cl. 222-95.
- Sherbondy, William A. Caulking gun. 2,833,450, 5-6-58, Cl. 222-327.
- Sherbondy, William A. Caulking gun and cartridge therefor. 2,833,451, 5-6-58, Cl. 222-327.
- Sher, Gerald D.: *See*—
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- Sheren, Glenn W., 1/2 to H. Vansickle, d. b. a. Karbelt Mfg. Co. Safety belt. 2,848,250, 8-19-58, Cl. 280-150.
- Sheren, Glenn W., to H. Vansickle, d. b. a. Karbelt Mfg. Co. Automobile safety belt system. 2,855,215, 10-7-58, Cl. 280-150.
- Sherertz, Charles W.: *See*—
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- Sheridan, David S. X-ray catheter. 2,857,915, 10-28-58, Cl. 128-349.
- Sheridan, James V.: *See*—
Hewitt, Oren J., and Sheridan. 2,863,464.
- Sheridan, T. W. & C. B., Co.: *See*—
Gray, Landon R. 2,824,594.
Gray, Landon R., and Hawkes. 2,835,947.
Kleineberg, Paul E. 2,858,948.
Kleineberg, Paul E., and Roseman. 2,854,900.
Young, Clarence R. 2,855,195.
- Sheridan, Walter W.: *See*—
Logdon, George, and Sheridan. 2,853,170.
- Sherlock, Margaret H., and N. Sperber, to Schering Corp. Carbamate esters of hydroxyalkyl piperazine alkyl phenothiazines. 2,860,138, 11-11-58, Cl. 260-243.
- Sherman, Albert J.: *See*—
Stern, Robert G., and Sherman. 2,858,623.
- Sherman, Albert J., to Curtiss-Wright Corp. Simulated control loading for flight training apparatus. 2,851,795, 9-16-58, Cl. 35-12.

- Sherman, Albert J., to Curtiss-Wright Corp. Simulated aircraft thrust computing system. 2,859,539, 11-11-58, Cl. 35-12.
- Sherman, Alex. Protection tube leak-checker for thermocouples. 2,852,738, 9-16-58, Cl. 324-54.
- Sherman, Arthur E.: *See*—
Blatt, Leland F., and Sherman. 2,835,291.
- Sherman, Edward: *See*—
Dunlop, Andrew P., and Sherman. 2,821,553.
- Sherman, Ernest T. Motor hoist. 2,842,274, 7-8-58, Cl. 214-374.
- Sherman, Floyd A. Method and apparatus for electrostatically coating articles. 2,827,394, 3-18-58, Cl. 117-93.
- Sherman, Floyd A., to Motor Products Corp. Hydraulic pump structure. 2,833,225, 5-6-58, Cl. 103-161.
- Sherman, George O., Jr., to The Salvajor Co. Waste disposing and tableware rinsing apparatus. 2,830,604, 4-15-58, Cl. 134-104.
- Sherman, Harley B. Tripods and clamps therefor. 2,844,345, 7-22-58, Cl. 248-122.
- Sherman, Herbert: *See*—
Freedman, Jerome, Schlegelmilch, and Sherman. 2,853,701.
- Sherman, Howell. Garment hanger. 2,840,284, 6-24-58, Cl. 223-95.
- Sherman, John M., to The Hobart Mfg. Co. Computing scale. 2,832,535, 4-29-58, Cl. 235-61.
- Sherman, Orville B., to Owens-Illinois Glass Co. Method and apparatus for sealing containers. 2,840,854, 7-1-58, Cl. 18-5.
- Sherman, Orville B., and L. D. Soubier, to Owens-Illinois Glass Co. Method and apparatus for making plastic articles. 2,858,564, 11-4-58, Cl. 18-5.
- Sherman Paper Products Corp.: *See*—
Greene, Kermit. 2,833,459.
Haughney, Joseph P., and Scott. 2,839,434.
Molle, Ernest D. 2,838,781.
- Sherman Products, Inc.: *See*—
Wilcox, John F. 2,860,797.
- Sherman, Rallston M., to The Silent Glow Oil Burner Corp. Incinerators. 2,838,014, 6-10-58, Cl. 110-8.
- Sherman, Rallston M., to The Silent Glow Oil Burner Corp. Space heaters and driers. 2,866,627, 12-30-58, Cl. 263-19.
- Sherman, Ralph H., Jr.: *See*—
Gillette, Edward S., and Sherman. 2,865,639.
Stanton, George T., and Sherman. 2,843,386.
Taylor, Douglas E., Sherman, Skoog, and Rescanski. 2,847,223.
- Sherman, Roger M., R. E. Fox, and U. Ferrari. Low torque instant closing check valve. 2,827,921, 3-25-58, Cl. 137-527.
- Sherman, Samuel M., to Schaevitz Engineering. Compensation means for measuring devices. 2,866,332, 12-30-58, Cl. 73-116.
- Sherman, Whitney D., to Continental Can Co., Inc. Manufacture of paperboard hat box bodies and cover flanges. 2,865,265, 12-23-58, Cl. 93-77.
- Sherman, Whitney D., and H. Ahlmeyer, to Continental Can Co., Inc. Folding machine for the manufacture of paperboard boxes and the like. 2,844,078, 7-22-58, Cl. 93-52.
- Shermer, David A., to Olin Mathieson Chemical Corp. Chemical manufacture. 2,820,791, 1-21-58, Cl. 260-290.
- Sherr, Solomon: *See*—
Flower, Robert A., Hales, and Sherr. 2,836,813.
- Sherr, Solomon, to General Precision Laboratory Inc. High impedance transistor amplifier. 2,820,855, 1-21-58, Cl. 179-171.
- Sherr, Solomon, to General Precision Laboratory Inc. Signal-to-noise ratio detector using frequency shift local oscillator to alternately sample signal and noise. 2,866,090, 12-23-58, Cl. 50-20.
- Sherred, John A., to Monsanto Chemical Co. Melamine process. 2,855,396, 10-7-58, Cl. 260-249.7.
- Sherriff, Fred, to Clark Equipment Co. Coil handling device. 2,841,301, 7-1-58, Cl. 214-620.
- Sherriell, Charles L. Locking device for steel barrels and drums. 2,846,257, 8-5-58, Cl. 292-288.
- Sherriell, James W.: *See*—
Paton, Joseph H., Sherrill, and Vander Pyl. 2,833,351.
- Sherriell, John F., to Indianapolis Bond and Share Corp. Portable spinning rivet hammer. 2,824,547, 2-25-58, Cl. 121-7.
- Sherriell, Joseph H., to R. J. Reynolds Tobacco Co. Apparatus for distributing cartons or the like. 2,851,146, 9-9-58, Cl. 198-31.
- Sherrington, John E., to Purdy Machinery Co. Ltd. Apparatus for feeding sheets, such as labels, from a pack to positions at which they are required. 2,860,804, 11-18-58, Cl. 216-54.
- Sherritt Gordon Mines Ltd.: *See*—
Benoit, Robert L., Lin, and Mackiw. 2,822,262.
Benoit, Robert L., and Mackiw. 2,822,264.
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Forward, Frank A. 2,822,263.
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Mackiw, Vladimir N., Kunda, and Haworth. 2,853,401.
Mackiw, Vladimir N., Kunda, and Haworth. 2,853,403.
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- Sherron, Emmitt B. Self-propelled logging machine for cutting and processing trees. 2,843,165, 7-15-58, Cl. 143-43.
- Sherwen, Theo: *See*—
Horstmann, Bevan G., and Sherwen. 2,822,836.
Horstmann, Bevan G., and Sherwen. 2,852,050.
- Sherwin, Chalmers W., to United States of America, Navy. Synchronization system. 2,847,667, 8-12-58, Cl. 343-16.
- Sherwin, Ralph J., to L-O-F Glass Fibers Co. Continuous fiber winding apparatus. 2,863,612, 12-9-58, Cl. 242-18.
- Sherwin-Williams Co.: *See*—
Armitage, Frank, and Trance. 2,846,410.
Asbeck, Hans J., and Jordan. 2,861,011.
Blank, Robert E. 2,851,370.
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Dimmock, James W. 2,844,276.
Grummitt, Oliver J., and Arters. 2,842,451.
Hunn, James V. 2,834,052.
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Ogren, Axel E. 2,844,289.
Sheldon, Frank A. 2,844,547.
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- Sherwood Brass Works: *See*—
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- Sherwood, Chester L.: *See*—
Thompson, Lloyd. 2,827,285.
- Sherwood, David, to Sherwood Brass Works. Resilient rotor pump or motor. 2,843,049, 7-15-58, Cl. 103-117.
- Sherwood Electronic Laboratories, Inc.: *See*—
Miller, Edward S. 2,826,260.
- Sherwood, Glenn L. Supporting apparatus and jigs for use in affixing hinges to workpiece. 2,832,381, 4-29-58, Cl. 144-32.
- Sherwood, Glenn L., to Kaywood Corp. Multiple drilling or like machine. 2,864,416, 12-16-58, Cl. 144-110.
- Sherwood, Henry A., to The Soundscriber Corp. Process for erasing record disks to remove sound tracks and background noises. 2,822,580, 2-11-58, Cl. 18-48.
- Sherwood, Henry A., to The Soundscriber Corp. Silent dictation mask. 2,831,070, 4-15-58, Cl. 179-188.
- Sherwood, Henry A. Sound recording and reproducing apparatus. 2,858,135, 10-28-58, Cl. 274-13.
- Sherwood, John H.: *See*—
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- Sherwood, John R., to Collins Radio Co. Frequency suppression circuit. 2,866,941, 12-30-58, Cl. 332-44.
- Sherwood, Neil H.: *See*—
Abrams, Edward, and Sherwood. 2,840,442.
- Sherwood, Ralph L., and P. Rappaport, to Radio Corp. of America. Radioactive battery employing stacked semiconductor devices. 2,819,414, 1-7-58, Cl. 310-3.
- Sherwood, Thomas K., to Arkla Air Conditioning Corp. Air cleaning and conditioning by thermal precipitation. 2,833,370, 5-6-58, Cl. 183-32.
- Sherwood, Walter A. Loom shuttle boxing. 2,818,884, 1-7-58, Cl. 139-186.
- Sherwood, William G.: *See*—
Shutkufski, John J. 2,835,039.
- Shesler, Laurence F. Seat grinder. 2,833,093, 5-6-58, Cl. 51-241.
- Shetterly, Karl P., to General Motors Corp. Dynamo electric machine commutator connection. 2,844,749, 7-22-58, Cl. 310-235.
- Shetterly, Karl P., and C. D. Blagg, to General Motors Corp. Method of manufacture of welded electrical terminals. 2,845,693, 8-5-58, Cl. 29-155.5.
- Shewmon, Ralph K., to General Motors Corp. Instrument mounting housing. 2,828,352, 3-25-58, Cl. 174-53.
- Shey, Porter M. Washing attachment for hose. 2,825,079, 3-4-58, Cl. 15-128.
- Shiah, Chyn D. Process of desulfurizing hydrocarbons with a boron fluoride coordination compound followed by hydrofining with a hydrogen donor. 2,834,717, 5-13-58, Cl. 196-28.
- Shibley, Nassiff E. Low air velocity fan. 2,860,829, 11-18-58, Cl. 230-264.
- Shick, Philip E., to The Mead Corp. Pulp manufacture. 2,849,292, 8-26-58, Cl. 23-262.
- Shields, Albert F., to S & S Corrugated Paper Machinery Co. Inc. Drive for box blank gripping and feeding mechanisms in cutting and creasing presses. 2,853,927, 9-30-58, Cl. 93-58.3.
- Shields, Albert F., to S. & S. Corrugated Paper Machinery Co. Inc. Partition assembly machine. 2,860,554, 11-18-58, Cl. 93-37.
- Shields, Carl S. Valve for laundry machine. 2,820,476, 1-21-58, Cl. 137-563.
- Shields, Charles B.: *See*—
Staples, Crawford E., and Shields. 2,854,567.
- Shields, Charles B., to Westinghouse Air Brake Co. Electric speed governors. 2,841,745, 7-1-58, Cl. 317-5.
- Shields, Charles B., to Westinghouse Air Brake Co. Electrical regulator. 2,841,757, 7-1-58, Cl. 323-4.
- Shields, Charles B., to Westinghouse Air Brake Co. Polarized track circuit railway signaling apparatus. 2,843,731, 7-15-58, Cl. 246-3.
- Shields, Donald J.: *See*—
Wooten, Willis C., Jr., and Shields. 2,843,572.
- Shields, Donald J., C. J. Kibler, and R. M. Schulken, Jr., to Eastman Kodak Co. Cellulose ester plastics in attenuated form containing poly-(4-acetyl-beta-resorcylic acid) as an ultraviolet inhibitor. 2,856,305, 10-14-58, Cl. 106-180.
- Shields, James R., to Elliott Co. Supercharger. 2,823,851, 2-18-58, Cl. 230-116.
- Shields, James R., E. W. Barth, and K. W. Fitzsimmons, to Elliott Co. Rolling mill inching device. 2,830,467, 4-15-58, Cl. 74-665.

- Shields, John T., and M. P. Miller, to Stone City Machine and Tool Co., Inc. Milk crate partition. 2,827,196, 3-18-58, Cl. 220-21.
- Shields, Ross, to M. M. Meydam. Ladies handbag. 2,855,969, 10-14-58, Cl. 150-28.
- Shields, Stanley E., P. W. Dewey, and W. A. Shire, Jr., to Standard Oil Co. Sampling and metering device for fluent solid materials. 2,836,069, 5-27-58, Cl. 73-424.
- Shiels, Merrill J. Vacuum tube socket voltage test device. 2,823,304, 2-11-58, Cl. 250-20.
- Shifter, William H., to California Research Corp. Alkylate having improved sulfonating characteristics. 2,851,503, 9-9-58, Cl. 260-671.
- Shifter, William H., and J. F. Senger, to California Research Corp. Oxidation process. 2,829,173, 4-1-58, Cl. 260-610.
- Shiffman, Jerome. Display containers. 2,860,767, 11-18-58, Cl. 206-4513.
- Shiffrin, Gordon A.: *See*—
Howey, Charles K., Kumagai, and Shiffrin. 2,848,698.
- Shikes, Abraham, to Aurora Plastics Corp. Process for metal working. 2,826,511, 3-18-58, Cl. 29-553.
- Shikoku Kasei Kogyo Co., Ltd.: *See*—
Nobuo, Yokota. 2,859,101.
- Shiley, Donald P., and M. L. Edwards; said Shiley assor. to said Edwards. Vapor expelling pump. 2,850,984, 9-9-58, Cl. 103-113.
- Shiller, Harry B. Tie form. 2,856,107, 10-14-58, Cl. 223-65.
- Shillington, Harry R., to Western Electric Co., Inc. Impulse counting circuit. 2,844,317, 7-22-58, Cl. 235-92.
- Shimazaki, Sadao. Coke oven door lifter machinery. 2,850,173, 9-2-58, Cl. 212-4.
- Shimmin, James D.: *See*—
Airs, Raymond S., Garner, Hartley, and Shimmin. 2,847,383.
Hartley, James, Ramsay, and Shimmin. 2,820,014.
- Shimmon, William L. Self-loading fork-lift truck. 2,823,813, 2-18-58, Cl. 214-75.
- Shimwell, Derrick W., to Weaving Research & Textile Commission Agents Ltd. Looms for weaving. 2,860,667, 11-18-58, Cl. 139-123.
- Shinall, Nelson L., Jr., and L. M. Ziegler. Awaings. 2,847,728, 8-19-58, Cl. 20-57.5.
- Shiner, Lawrence R. Spectacle case. 2,863,487, 12-9-58, Cl. 150-52.
- Shinkle, Hugh J., to United States of America, Air Force. Selector attachment for addressing machines. 2,845,268, 7-29-58, Cl. 271-64.
- Shinn, Robert W.: *See*—
Thompson, William E., and Shinn. 2,861,952.
- Shionogi & Co., Ltd.: *See*—
Yamamoto, Ryuichi, Harada, and Takahashi. 2,820,786.
- Shlowitz, Marc, and H. M. Robbins, to Hughes Aircraft Co. Electronic multiple comparator. 2,821,696, 1-28-58, Cl. 340-149.
- Shiozawa, Lebo R.: *See*—
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- Shipley, Calvin W., to O. F. Jordan Co. Power operated adjustable ballast shaping member. 2,833,059, 5-6-58, Cl. 37-105.
- Shipley, Calvin W., and S. D. McLean, to O. F. Jordan Co. Railroad spreaders. 2,853,811, 9-30-58, Cl. 37-105.
- Shipley, Eugene E., to General Electric Co. Lubrication system for "polygon" type shaft coupling. 2,844,947, 7-29-58, Cl. 64-6.
- Shipley, Randall B. Electrical load dispatcher. 2,836,733, 5-27-58, Cl. 307-57.
- Shipley, Randall B., to Tennessee Valley Authority. Impedance relay tester. 2,860,303, 11-11-58, Cl. 324-28.
- Shipman, Archie V. Dispensing mechanism. 2,862,642, 12-2-58, Cl. 221-36.
- Shipman, Carl N., to Radio Corp. of America. Automatic recording system. 2,840,515, 8-5-58, Cl. 179-100.1.
- Shipman, James J., and J. W. de Vos, to Kimberly-Clark Corp. Process for manufacturing sulfur dioxide by burning sulfur. 2,822,245, 2-4-58, Cl. 23-179.
- Shipman, Robert C., and T. A. Robertson, to The Firestone Tire & Rubber Co. Tubeless tire and rim. 2,822,021, 2-4-58, Cl. 152-410.
- Shipton, E., & Co. Ltd.: *See*—
Strong, Bernard. 2,854,691.
- Shiraga, Shiro F.: *See*—
Frey, Raymond M., and Shiraga. 2,848,430.
- Shirah, Luther D.: *See*—
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- Shire, William A., Jr.: *See*—
Shields, Stanley E., Dewey, and Shire. 2,836,069.
- Shire, William A., Jr., and J. A. Smelko, to Standard Oil Co. Fuel system emergency pump and trap. 2,842,267, 7-8-58, Cl. 210-416.
- Shirk, John F., to Perfect Circle Corp. Piston ring assembly. 2,833,605, 5-6-58, Cl. 209-43.
- Shirk, Robert M.: *See*—
Shabaker, Hubert A., and Shirk. 2,829,751.
- Shirley, Paul S.: *See*—
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- Shirley, Walter: *See*—
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- Shirley, Walter, to D. Napier & Son Ltd. Distributors for fluids. 2,823,075, 2-11-58, Cl. 299-121.
- Shirn, George A.: *See*—
Smyth, Donald M., Shirn, and Lehovec. 2,847,493.
- Shiroyanagi, Kenji: *See*—
Yabuta, Teijiro, Ikeda, Shiroyanagi, Ikeda, Fujimaki, Katayama, Tsuji, and Sato. 2,837,510.
- Shiu, Thomas B.: *See*—
Cummings, Thomas N., Peterson, and Shiu. 2,859,714.
- Shive, Scott L., to the United States of America as represented by the Secretary of the Army. Noisy signal detector. 2,830,180, 4-8-58, Cl. 250-30.
- Shivell, Philip J., to Slip-Not Belting Corp. Loom picker stick check. 2,855,004, 10-7-58, Cl. 139-165.
- Shively, John J.: *See*—
Van Deventer, Harry R., and Shively. 2,866,851.
- Shively, John J., to Telephone Answering and Recording Corp. Telephone answering and recording devices. 2,835,737, 5-20-58, Cl. 179-6.
- Shnitzler, Meyer J., and R. L. Sinclair, to The Gillette Co. Display rack. 2,825,466, 3-4-58, Cl. 211-49.
- Shnitzler, Meyer J., E. M. Lewieckl, and J. Muros, to The Gillette Co. Quick-opening safety razor having adjustable blade edge exposure. 2,848,806, 8-26-58, Cl. 30-60.5.
- Shnitzler, Meyer J., and M. D. Benedict, Jr., to The Gillette Co. Safety razor with adjustable blade setting. 2,848,807, 8-26-58, Cl. 30-60.5.
- Shoalts, Richard L. Simulated Christmas tree. 2,864,192, 12-16-58, Cl. 41-15.
- Shoan, Raymond A. Transparency file. 2,828,567, 4-1-58, Cl. 40-158.
- Shoberg, Raymond W.: *See*—
Maass, Herbert W., and Shoberg. 2,841,223.
- Shobert, Samuel M. Hollow glass rod and method of making same. 2,852,425, 9-16-58, Cl. 154-91.
- Shock, D'Arcy A.: *See*—
Popham, Jack L., and Shock. 2,819,761.
Radd, Frederick J., Shock, and Sudbury. 2,861,892.
- Riggs, Olen L., Jr. and Shock. 2,822,330.
- Shock, D'Arcy A., and J. D. Sudbury, to Continental Oil Co. Flooding composition. 2,839,466, 6-17-58, Cl. 252-8.55.
- Shock, D'Arcy A., and J. D. Sudbury, to Continental Oil Co. Corrosion inhibitor. 2,840,477, 6-24-58, Cl. 106-14.
- Shock, D'Arcy A., and W. W. Woods, to Continental Oil Co. Oil well inhibitor. 2,853,452, 9-23-58, Cl. 252-8.55.
- Shock, Frank E. Rotary reel mower. 2,861,411, 11-25-58, Cl. 56-26.
- Shock, Lydia A.: *See*—
Bailey, John R. 2,818,896.
- Shockency, Wilford S.: *See*—
Kaiser, Harold R., Lane, and Shockency. 2,865,564.
- Shockey, Cecil M. Suction cleaner for doctor blades for drying rollers. 2,859,537, 11-11-58, Cl. 34-85.
- Shockley, William, to Bell Telephone Laboratories, Inc. High frequency negative resistance device. 2,852,677, 9-16-58, Cl. 250-36.
- Shockley, William, to Bell Telephone Laboratories, Inc. Semiconductor switch. 2,855,524, 10-7-58, Cl. 307-88.5.
- Shoemaker, Clarence J.: *See*—
Igler, Edward J., and Shoemaker. 2,839,412.
- Shoemaker, Edwin J.: *See*—
Knabusch, Edward M., and Shoemaker. 2,863,495.
- Shoemaker, James C., to Simplex Forms Systems, Inc. Concrete-form locking means. 2,825,956, 3-11-58, Cl. 25-131.
- Shoemaker, John D., and W. R. Rikli. Adjustable golf club. 2,847,219, 8-12-58, Cl. 273-79.
- Shoemaker, Malcolm G., and M. A. Goff, to Philco Corp. Refrigeration apparatus. 2,835,114, 5-20-58, Cl. 62-117.55.
- Shoemaker, Robert C., to Hyster Co. Mobile cane loaded apparatus. 2,833,429, 5-6-58, Cl. 214-86.
- Shoemaker, Robert H.: *See*—
Webster, Hugh G., and Shoemaker. 2,847,374.
- Shoemaker, Robert H., and J. A. Faler, to Kolene Corp. Apparatus for metal cleaning by molten salt baths. 2,863,465, 12-9-58, Cl. 134-104.
- Shoensmith, Clyde E. Jack. 2,849,211, 8-26-58, Cl. 254-106.
- Shoffner, Martin E. and T. L., 15% to H. W. Boozer, and 15% to R. M. Boozer. Lapidary tweezers and stand therefor. 2,827,689, 3-25-58, Cl. 29-284.
- Shoffner, Thelma L.: *See*—
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- Shoffner, Willie M., to Roto-Table Co. Endless cutting assembly with upper and lower cutter guard means. 2,821,060, 1-28-58, Cl. 56-292.
- Shoffstall, Hugh F., to Bell Telephone Laboratories, Inc. Signaling transmission test and control circuit. 2,819,354, 1-7-58, Cl. 179-175.3.
- Shofi, William. Distress signal discharge device. 2,836,143, 5-27-58, Cl. 116-124.
- Shokal, Edward C.: *See*—
Mueller, Albert C., Schroeder, and Shokal. 2,826,592.
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- Shokal, Edward C., to Shell Development Co. Polymerization of acrolein. 2,819,252, 1-7-58, Cl. 260-67.
- Shokal, Edward C., to Shell Development Co. Hydroxy-substituted unsaturated esters prepared from polyepoxides and derivatives thereof. 2,826,562, 3-11-58, Cl. 260-58.
- Shokal, Edward C., to Shell Development Co. New polyols, their preparation and derivatives. 2,840,617, 6-24-58, Cl. 260-635.
- Shokal, Edward C., and P. A. Devlin, to Shell Development Co. Production of copolymer of a 2-aryllakene-1 and an alpha, beta-olefinic aldehyde, and derivatives thereof. 2,839,507, 6-17-58, Cl. 260-73.

- Shokal, Edward C., P. A. Devlin, and D. E. Winkler, to Shell Development Co. Copolymer of allyl glycidyl mono-ether and styrene. 2,839,514, 6-17-58, Cl. 260—88.1.
- Shokal, Edward C., and R. W. H. Tess, to Shell Development Co. Hydroxy-substituted allylic ethers and derivatives. 2,864,804, 12-16-58, Cl. 260—47.
- Sholeen, Robert G.: *See—*
Mail, Arthur W., Sholeen, and Walzak. 2,829,537.
Mail, Arthur W., and Sholeen. 2,854,866.
- Sholle, Roger W., and M. A. Enright, to Gregory Industries, Inc. Arc brazing device. 2,826,439, 3-11-58, Cl. 287—20.2.
- Shomate, Charles H.: *See—*
Jenkins, Hugh P., and Shomate. 2,865,726.
- Shomock, Joseph J.: *See—*
Boston, Frank E., and Shomock. 2,834,496.
- Shomphe, George J.: *See—*
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- Shomphe, George J., to Sanders Associates, Inc. Gyroscope. 2,839,933, 6-24-58, Cl. 74—5.5.
- Shomphe, George J., to Sanders Associates, Inc. Gyroscope. 2,839,934, 6-24-58, Cl. 74—5.7.
- Shomphe, George J., to Sanders Associates, Inc. Electric blower-vibrator. 2,854,188, 9-30-58, Cl. 230—117.
- Shon, Adrian Y. C.: *See—*
Montavon, Robert F., and Shon. 2,827,702.
- Shone, Samuel M., to A. E. Peterson Mfg. Co. Vertically adjustable footrest for folding baby stroller. 2,823,043, 2-11-58, Cl. 280—36.
- Shonka, Francis R.: *See—*
Redman, William C., and Shonka. 2,824,252.
- Shonka, Francis R., and A. J. Okleshen, to United States of America, Atomic Energy Commission. High sensitivity electrocope. 2,847,644, 8-12-58, Cl. 324—109.
- Shontz, Harry W. Outboard motor lift. 2,859,929, 11-11-58, Cl. 248—4.
- Shook, Austen M., to The Texas Co. Apparatus for reaming holes drilled in the earth. 2,847,189, 8-12-58, Cl. 255—76.
- Shoolery, James N., to Varian Associates. Apparatus for controlling the temperatures of operation in gyromagnetic resonance spectroscopy. 2,864,995, 12-16-58, Cl. 324—5.
- Shoosmith, Guy T., to Plenty and Son Ltd. Pump installation. 2,845,867, 8-5-58, Cl. 103—6.
- Shor, Roberta S., and S. Vogler, to the United States of America as represented by the United States Atomic Energy Commission. Process of dissolving zirconium alloys. 2,820,692, 1-21-58, Cl. 23—14.5.
- Shorb, Marion P., to Dictaphone Corp. Checking system for recording machines. 2,850,580, 9-2-58, Cl. 179—100.1.
- Shore, Charles. Folding table and seat assembly. 2,837,141, 6-3-58, Cl. 155—124.
- Shore, Charles, to Falco Products Co. Collapsible clothesline drier. 2,851,169, 9-9-58, Cl. 211—178.
- Shore, Roscoe W. Closure for containers. 2,822,964, 2-11-58, Cl. 222—54.1.
- Shorr, Leonard M., to The Dow Corning Corp. Siloxane-epoxide resin reaction products. 2,819,245, 1-7-58, Cl. 260—42.
- Shorr, Leonard M., to Dow Corning Corp. Siloxane unsaturated polyester resins and method of preparation. 2,842,517, 7-8-58, Cl. 260—45.4.
- Shorr, Leonard M., and M. P. David, to Dow Corning Corp. Organosilicon polyamide compositions and method of making same. 2,823,195, 2-11-58, Cl. 260—42.
- Short, Brooks H., to General Motors Corp. Control device. 2,842,334, 7-8-58, Cl. 251—137.
- Short, Brooks H., to General Motors Corp. Turn signal system. 2,845,608, 7-29-58, Cl. 340—81.
- Short, Brooks H., to General Motors Corp. Ignition system. 2,862,150, 11-25-58, Cl. 315—224.
- Short, Brooks H., and H. E. Freeman, to General Motors Corp. Ignition system. 2,846,992, 8-12-58, Cl. 123—179.
- Short, Brooks H., and S. E. Jacke, to General Motors Corp. Ignition system. 2,847,489, 8-12-58, Cl. 123—148.
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- Short, James N., C. A. Ura-neck, and A. C. Rothlisberger, to Phillips Petroleum Co. Co-polymers from aryl-substituted butenyl alcohols, ethers, and esters and a conjugated diene, compositions containing same, and method of making. 2,834,747, 5-13-58, Cl. 260—41.5.
- Short, James N., A. C. Rothlisberger, and A. E. Follett, to Phillips Petroleum Co. Polymers from carbamates of aryl-substituted butenyl alcohols and corresponding thiono carbamates. 2,863,488, 12-9-58, Cl. 152—330.
- Short, Oliver A.: *See—*
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- Short, Oliver A., to E. I. du Pont de Nemours and Co. Vitri-fiable flux and silver compositions containing same. 2,819,170, 1-7-58, Cl. 106—48.
- Short, Oliver A., to E. I. du Pont de Nemours and Co. Ceramic color compositions. 2,842,454, 7-8-58, Cl. 106—268.
- Short, Oliver A., to E. I. du Pont de Nemours and Co. Method of producing stencil screens. 2,860,576, 11-18-58, Cl. 101—128.3.
- Short, Richard P. J. Machine tool guiding means. 2,860,014, 11-11-58, Cl. 308—6.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. Means for the dispersal of luff or lint from knitting machines. 2,846,860, 8-12-58, Cl. 66—168.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. Circular knitting machines. 2,850,886, 9-9-58, Cl. 66—25.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. Electrical starting and stopping arrangements for knitting machines. 2,865,184, 12-23-58, Cl. 66—157.
- Shott, John H., III, C. H. Lightships, and J. E. Ward, to Nopco Chemical Co. Liquid defoaming compositions. 2,849,405, 8-26-58, Cl. 252—358.
- Shotton, Harold F., to Scovill Mfg. Co. Refillable lipstick containers. 2,859,867, 11-11-58, Cl. 206—56.
- Shotton, James A., and L. O. Edmonds, to Phillips Petroleum Co. Coating compositions for metal surfaces comprising liquid polybutadiene and rubbery polybutadiene. 2,855,376, 10-7-58, Cl. 260—33.6.
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- Shrader, Merald B., to Radio Corp. of America. Getter structure for electron tube. 2,830,215, 4-8-58, Cl. 313—176.
- Shrader, Merald B., to Radio Corp. of America. Electron tube and filamentary cathode. 2,841,736, 7-1-58, Cl. 313—273.
- Shrader, Terry M., to Radio Corp. of America. Electron discharge device. 2,819,426, 1-7-58, Cl. 315—39.63.
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- Shreffler, Elwyn O. Spring spreading tool. 2,820,284, 1-21-58, Cl. 29—227.
- Shreffler, Elwyn O. Adjustable member for coil springs. 2,854,231, 9-30-58, Cl. 267—33.
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- Shrider, Kenneth L., to The Reliance Electric & Engineering Co. Voltage compounding circuit. 2,858,495, 10-28-58, Cl. 318—308.
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- Shuck, Arthur B., to the United States of America as represented by the United States Atomic Energy Commission. Centrifugal casting machine. 2,829,408, 4-8-58, Cl. 22-65.
- Shu-Conditioner Inc.: See—
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- Shuftan, Eugen. Photocomposition systems. 2,857,806, 10-28-58, Cl. 88-16.
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- Shukys, Julius G., to Air Reduction Co., Inc. Trifluoroethyl vinyl ether compositions and methods for preparing and using the same. 2,830,007, 4-8-58, Cl. 167-52.
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- Shuldener, Henry L., to Water Service Laboratories, Inc. Unit for checking corrosion, slime and scale in water recirculating installations. 2,859,766, 11-11-58, Cl. 137-268.
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- Mellon, John J., and Shull. 2,851,078.
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- Shull, Gilbert M., and B. M. Bloom, to Chas. Pfizer & Co., Inc. Epoxidation of steroids. 2,830,935, 4-15-58, Cl. 195-51.
- Shull, Gilbert M., and D. A. Kita, to Chas. Pfizer & Co., Inc. Steroids. 2,831,876, 4-22-58, Cl. 260-397.47.
- Shull, Gilbert M., and J. B. Routien, to Chas. Pfizer & Co., Inc. Side-chain cleavage by Cylindrocephalum aureum. 2,866,737, 12-30-58, Cl. 195-51.
- Shull, Myron H. Support device for a stepladder. 2,865,546, 12-23-58, Cl. 228-17.
- Shulman, Abraham, to United States of America, Army. Area balanced pulse amplifier. 2,858,474, 10-28-58, Cl. 315-22.
- Shulman, Abraham, to United States of America, Army. Off-screen blanking circuit. 2,864,969, 12-16-58, Cl. 315-20.
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- Shumaker, Charles S., to United Engineering and Foundry Co. Reciprocating shear overload device. 2,820,518, 1-21-58, Cl. 164-47.
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- Shumate, Charles R., to ACF Industries, Inc. Quick opening valve. 2,836,390, 5-27-58, Cl. 251-196.
- Shumate, William, to Boeing Airplane Co. Pressure contact type terminal block. 2,841,773, 7-1-58, Cl. 339-198.
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- Folkers, Karl, and Shunk. 2,860,131.
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- Shurson, Raymond O., to Crane Packing Co. Work holder for lapping machines. 2,830,412, 4-15-58, Cl. 51-227.
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- Sibbald, Frederick R., to The Hoover Co. Squeeze driers. 2,832,209, 4-29-58, Cl. 68-242.
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- Simcoe, William H., to United States Steel Corp. Method and apparatus for making strand or rope. 2,857,731, 10-28-58, Cl. 57-64.
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- Simkins, Leon L., to Square D Co. Portable electrical testing instrument with prod retaining case. 2,842,741, 7-8-58, Cl. 324-149.
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- Simmonds, George H., and H. D. Stewart, to British Insulated Callender's Cables Ltd. Electric cables. 2,818,905, 1-7-58, Cl. 154-2.25.
- Simmonds, John J., 1/2 to D. Williams. Trailer truck for railroad cars and loading dock therefor. 2,834,485, 5-13-58, Cl. 214-38.
- Simmonds, Wayne W., to L. A. Young Spring and Wire Corp. Power system for a drop hammer. 2,827,764, 3-25-58, Cl. 60-51.
- Simmonds, Wayne W., to J. H. Lucas, trustee for W. W. and A. J. Simmonds. Portable drilling rig. 2,848,196, 8-19-58, Cl. 255-19.
- Simmonds, Wayne W., to J. H. Lucas. Compactor apparatus. 2,852,992, 9-23-58, Cl. 94-49.
- Simmonds, Wayne W. and A. J., to J. H. Lucas, trustee. Method and apparatus for drilling well holes. 2,838,283, 6-10-58, Cl. 255-28.
- Simmons, Alba K.: *See*—
Reynolds, Henry W., and Simmons. 2,856,865.
- Simmons, Aldred J.: *See*—
Barta, Anthony J., Simmons, Hunter, and Johnson. 2,825,587.
- Simmons, Bill J.: *See*—
Miller, Elmer C., and Simmons. 2,857,799.

- Simmons, Bill J., to Phillips Petroleum Co. Differential refractometer optical system. 2,826,956, 3-18-58, Cl. 88-14.
- Simmons, Bill J., to Phillips Petroleum Co. Composition analyzer utilizing radiation. 2,854,585, 9-30-58, Cl. 250-209.
- Simmons, Brian D.: See—
- Kinsey, Ronald W. S., and Simmons. 2,842,734.
- Simmons, Bowie G. Structural block joint. 2,819,874, 9-2-58, Cl. 72-107.
- Simmons, Charles. Football goal post. 2,845,269, 7-29-58, Cl. 273-35.
- Simmons, Charles A., Sr., to Simmons Fastener Corp. Assembling and riveting apparatus. 2,838,969, 6-17-58, Cl. 78-49.
- Simmons, Charles A., Sr., to Simmons Industries, Inc. Automobile lifting apparatus. 2,857,985, 10-28-58, Cl. 187-841.
- Simmons, Clarence C. Fishing lure. 2,847,791, 8-19-58, Cl. 43-42.26.
- Simmons, Dorsey D.: See—
- Breese, Lemuel R., and Simmons. 2,850,602.
- Simmons, Dorsey D., to North Electric Co. Manually operable switch for automatic telephone system. 2,864,900, 12-16-58, Cl. 179-158.
- Simmons, Edward B. Panel door joint and method of construction. 2,825,099, 3-4-58, Cl. 20-15.
- Simmons, Ernest P., to Olin Mathieson Chemical Corp. Barrel, forearm and receiver assembly mechanism for shotguns. 2,825,170, 3-4-58, Cl. 42-75.
- Simmons, Ernest P. Gauge adaptor for automatic shotguns. 2,827,728, 3-25-58, Cl. 42-17.
- Simmons, Ernest P., to Olin Mathieson Chemical Corp. Integral barrel lock and extractor. 2,845,740, 8-5-58, Cl. 42-75.
- Simmons Fastener Corp.: See—
- Schluter, Ernest. 2,853,751.
- Schluter, Ernest. 2,853,752.
- Simmons, Charles A., Sr. 2,838,969.
- Simmons, Frank E., 40% to L. J. Hennessy, and 25% to Eljay Corp. Garment hanger. 2,820,582, 1-21-58, Cl. 223-88.
- Simmons, Frank E., to Lad-E, Inc. Prefabricated building structure. 2,854,841, 10-7-58, Cl. 72-44.
- Simmons, George S., Jr., to Crompton & Knowles Corp. Picking mechanism for loom. 2,866,482, 12-30-58, Cl. 139-149.
- Simmons, Harold C., to Dowty Fuel Systems Ltd. Fuel atomising nozzles. 2,820,674, 1-21-58, Cl. 299-114.
- Simmons Industries, Inc.: See—
- Simmons, Charles A., Sr. 2,857,985.
- Simmons, Ivor L.: See—
- Tinnon, Edwin M., and Simmons. 2,822,325.
- Simmons, Jeanette: See—
- Simmons, John H. 2,843,369.
- Simmons, Jesse T. Valve-lifter extractor. 2,847,752, 8-19-58, Cl. 29-280.
- Simmons, John H., deceased, by J. Simmons, administratrix. Impact means for breaking up frozen ground. 2,843,369, 7-15-58, Cl. 262-033.
- Simmons, Lance L., to American Radiator & Standard Sanitary Corp. Air conditioning unit. 2,822,674, 2-11-58, Cl. 62-140.
- Simmons, Lance L., to American Radiator & Standard Sanitary Corp. Inductor. 2,855,840, 10-14-58, Cl. 98-38.
- Simmons, Lawrence C., to The New York Central Railroad Co. Steam heating boiler control systems. 2,852,003, 9-16-58, Cl. 122-448.
- Simmons, Paul L. Soap holder. 2,821,807, 2-4-58, Cl. 45-28.
- Simmons, Richard G., and N. E. Gillespie. Rigid track frog. 2,853,260, 9-23-58, Cl. 246-468.
- Simmons, Vaughan P. Cannula locator. 2,821,194, 1-28-58, Cl. 128-214.
- Simmons, Victor C. Rotatable tray. 2,842,413, 7-8-58, Cl. 311-32.
- Simmons, Wilbur G., to United Aircraft Corp. Bearing support. 2,846,847, 8-12-58, Cl. 60-39.32.
- Simmons, William E. Ditcher. 2,864,181, 12-16-58, Cl. 37-98.
- Simms, Bernard B.: See—
- Allison, Albert R., Delman, Ruff, and Simms. 2,849,291.
- Simms Motor Units Ltd.: See—
- Liardet, Godfrey E. 2,831,473.
- Simms, Russell K.: See—
- Adams, Loyd W., and Simms. 2,855,278.
- Simon, Albert C.: See—
- Lander, John J., Burbank, and Simon. 2,821,565.
- Simon-Carves Ltd.: See—
- MacGregor, Kenneth. 2,852,342.
- Simon, Charles, to J. R. Geigy, A.-G. Process for the production of cycloaliphatic 1,2-diamines. 2,850,532, 9-2-58, Cl. 260-563.
- Simon, Clarence B. Self-oiling die stock. 2,855,614, 10-14-58, Cl. 10-126.
- Simon, Frank R., and R. O. Palmer, to The Carlyle-Johnson Machine Co. Magnetically controlled device of multiple disc type. 2,861,664, 11-25-58, Cl. 192-84.
- Simon, George F., M. J., J. G., and L. F. Bucking horse apparatus. 2,843,380, 7-15-58, Cl. 272-53.1.
- Simon, George L. Film cutting mechanism. 2,822,735, 2-11-58, Cl. 95-75.
- Simon Handling Engineers Ltd.: See—
- Sebestyen, Emeric J. 2,825,604.
- Simon, Jean-Claude: See—
- Broussaud, Georges, and Simon. 2,830,267.
- Simon, Jerome G.: See—
- Simon, George P., M. J., J. G., and L. F. 2,843,380.
- Simon, Josef. Apparatus for sealing an end of a rotary drum apparatus. 2,852,242, 9-16-58, Cl. 263-33.
- Simon, Kalmon, and N. Von Rohr. Plate frame and securing device. 2,853,818, 9-30-58, Cl. 40-125.
- Simon, Leo E.: See—
- Simon, George F., M. J., J. G., and L. F. 2,843,380.
- Simon, Marus J.: See—
- Simon, George F., M. J., J. G., and L. F. 2,843,380.
- Simon, Max: See—
- Goodman, Maxine, and Simon. 2,827,052.
- Simon, Myerson. Expandible wrist watch band. Re. 24,502, 7-8-58, Cl. 224-4.
- Simon, Myron S.: See—
- Blout, Elkan R., Cohen, Corley, and Simon. 2,852,573.
- Simon, Raymond J. C., to Carter Motor Co. Converter. 2,841,681, 7-8-58, Cl. 307-38.
- Simon, Robert: See—
- Frank, Abraham, Simon, and Key. 2,857,100.
- Simon, Robert A., to North American Aviation, Inc. Method of descaling titanium. 2,861,015, 11-18-58, Cl. 134-3.
- Simon, Walter E. A., one-half to B. E. Smith. Thermoplastic condensation product of benzylated wood with acetophenone and method of preparing same. 2,843,578, 7-15-58, Cl. 260-124.
- Simoncini, Manlio, and C. Falcon. Emergency fire extinguisher. 2,865,458, 12-23-58, Cl. 169-35.
- Simonds, Albert L., and D. C. Ginn, to The Linemaster Switch Corp. Foot switch. 2,828,379, 3-25-58, Cl. 200-86.5.
- Simonds Saw & Steel Co.: See—
- Kolesh, Victor A. 2,826,941.
- Simoniz Co.: See—
- Cox, Marvin E. 2,849,324.
- Davis, John D. 2,826,338.
- Geen, Henry C. 2,826,551.
- Geen, Henry C. 2,851,369.
- Geen, Henry C. 2,856,297.
- Geen, Henry C., and Quist. 2,830,482.
- Smith, Thomas B. 2,859,123.
- Wenaas, Paule E., and Miner. 2,846,321.
- Simons, Allison K., A. O. Radke, and A. F. Hickman, to Hickman Industries, Inc. Adjustable backrest. 2,855,026, 10-7-58, Cl. 155-158.
- Simons, Allison K., A. O. Radke, and A. F. Hickman, to Hickman Industries, Inc. Seat structure for trucks. 2,856,984, 10-21-58, Cl. 155-50.
- Simons, Charles G. Fluid operated reciprocating engines. 2,861,551, 11-25-58, Cl. 121-50.
- Simons, Edward, to Alford Refrigerated Warehouses. Method and apparatus for circulating air. 2,821,029, 1-28-58, Cl. 34-34.
- Simons, Edward W. Method and means for maintaining material at a predetermined temperature in an open compartment. 2,855,760, 10-14-58, Cl. 62-89.
- Simons, Edward W. Air conditioned display compartment and method. 2,862,369, 12-2-58, Cl. 62-89.
- Simons, Homer C., and C. G. Nenadal, to Eaton Mfg. Co. Vehicle heating and ventilating apparatus. 2,832,277, 4-29-58, Cl. 98-2.
- Simons, Lawrence, to P. G. Herman. Playing cards. 2,825,567, 3-4-58, Cl. 273-152.1.
- Simons, Malcolm: See—
- Rommel, Frederick E., and Simons. 2,823,282.
- Simons, Malcolm, to Telephone Mfg. Co. Ltd. Electromagnetic relays. 2,827,535, 3-18-58, Cl. 200-166.
- Simons, Stanley. Portable imprinting device for credit plates. 2,848,943, 8-26-58, Cl. 101-269.
- Simonsen, Arthur N.: See—
- Kolb, Frank H. 2,856,191.
- Simonsen, Charles W. Wheel hub clutches. 2,854,111, 9-30-58, Cl. 192-71.
- Simonsen, Jens P., to M. Jacobsen. Bag with closing strip, a blank of paper, cardboard, or other sheet material for such bags, and a method of manufacturing bags from such blanks. 2,855,137, 10-7-58, Cl. 229-65.
- Simonson, Howard E., to Phillips Petroleum Co. Pressure operated vapor-liquid selector valve for LPG fuel systems. 2,826,043, 3-11-58, Cl. 62-1.
- Simonsson, Fritz J., and C. O. E. Nyström, to North American Philips Co., Inc. Arrangement for switching clocks. 2,861,138, 11-18-58, Cl. 200-38.
- Simon-Suisse, Jean-Charles, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Vat for electro-metallurgy. 2,861,036, 11-18-58, Cl. 204-243.
- Simpkins, George P.: See—
- Simpkins, Walter F. 2,830,326.
- Simpkins, Walter F. 2,830,327.
- Simpkins, Walter F. 2,839,330.
- Simpkins, Jesse A.: See—
- Lapetina, Herbert. 2,836,924.
- Simpkins, Thomas R. Method of fluffing glass fibers. 2,843,916, 7-22-58, Cl. 28-72.3.
- Simpkins, Walter F. 25% to F. Snellgrove, 10% to A. L. Wall, 21% to G. P. Simpkins, and 21% to M. E. Thompson. Deck and wall forming board equipment for trailer bodies and means for locking the boards to the bodies. 2,839,326, 6-17-58, Cl. 296-24.

- Simpkins, Walter F., 25% to F. Snellgrove, 10% to A. L. Wall, 21% to G. P. Simpkins, and 21% to M. E. Thompson. Interlocking means for mounting deck and wall boards in a vehicle body. 2,839,327, 6-17-58, Cl. 296-24.
- Simpkins, Walter F., 25% to F. Snellgrove, 10% to A. L. Wall, 21% to G. P. Simpkins, and 21% to M. E. Thompson. Mounting and holdown means for truck body decks. 2,839,330, 6-17-58, Cl. 296-28.
- Simpkins, William, to Tiffany Stand Co. Adjusting mechanism for a book stand. 2,826,858, 3-18-58, Cl. 45-86.
- Simpkins, William. Stands or tables having retractable casters. 2,843,392, 7-15-58, Cl. 280-44.
- Simplex Forms Systems, Inc.: *See—*
Shoemaker, James C. 2,825,956.
- Simplex Piston Ring Mfg. Co.: *See—*
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- Simplicity Engineering Co.: *See—*
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- Simplicity Tool Co.: *See—*
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- Simpson, Alexander B.: *See—*
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- West, De Witt H., and Simpson. 2,835,557.
- Simpson, Andrew J., Jr. Matrix bending machine. 2,853,740, 9-30-58, Cl. 18-19.
- Simpson, Anthony W.: *See—*
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- Simpson, Anthony W., to The Plessey Co. Ltd. Mechanical systems. 2,837,668, 6-3-58, Cl. 310-26.
- Simpson, Arthur I. F., to The General Electric Co. Ltd. Devices for transmitting rotary motion. 2,829,524, 4-8-48, Cl. 74-10,41.
- Simpson, Arthur P., to American Machine & Foundry Co. Self-leveling storing and dispensing apparatus. 2,828,006, 3-25-58, Cl. 206-45,16.
- Simpson, Carson D.: *See—*
Lilienthal, Clarence R., and Simpson. 2,855,061.
- Simpson, Charles W. Weed-cutting dredge suction pipe. 2,830,389, 4-15-58, Cl. 37-58.
- Simpson, Clarence E. Selective firing control for open and closed bolt positions. 2,858,741, 11-4-58, Cl. 89-140.
- Simpson, Clarence E., to United States of America, Army. Buffer mechanism. 2,866,389, 12-30-58, Cl. 89-198.
- Simpson, Dorothy E.: *See—*
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- Simpson, Edgar H. Loudspeaker enclosure. 2,822,884, 2-11-58, Cl. 181-31.
- Simpson Electric Corp.: *See—*
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- Simpson, Emmett B. Personal safety alarm. 2,834,315, 5-13-58, Cl. 116-67.
- Simpson, Frederick J., to National Research Council. Recovery of starch. 2,821,501, 1-28-58, Cl. 195-7.
- Simpson, Frederick S., deceased; D. E. Simpson, executrix of said F. S. Simpson, to D. E. Simpson. Lawn edger and trimmer. 2,827,748, 3-25-58, Cl. 56-25,4.
- Simpson, George N. Material conditioner. 2,838,290, 6-10-58, Cl. 259-3.
- Simpson, Henry B. Vehicle maintenance sticker. 2,859,051, 11-4-58, Cl. 281-16.
- Simpson, Herbert, Corp.: *See—*
Granath, Axel G. 2,827,677.
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McIlvaine, Robert L. 2,826,264.
- Simpson, Hobart A.: *See—*
Bamberger, Alfred A., and Simpson. 2,853,343.
- Simpson, Howard W. Variable speed transmission. 2,826,936, 3-18-58, Cl. 74-759.
- Simpson, Howard W. Tractor transmission. 2,838,960, 6-17-58, Cl. 74-759.
- Simpson, Howard W. Planetary transmission for self-propelled vehicle. 2,856,794, 10-21-58, Cl. 74-763.
- Simpson, Howard W. Planetary transmission for self-propelled vehicle. 2,856,795, 10-21-58, Cl. 74-763.
- Simpson, Howard W. Four speed transmission. 2,865,230, 12-23-58, Cl. 74-759.
- Simpson, Howard W. Planetary transmission. 2,865,231, 12-23-58, Cl. 74-759.
- Simpson, Jack N., to The Electric Storage Battery Co. Safety helmet. 2,858,838, 11-4-58, Cl. 2-3.
- Simpson, Jack N., and W. R. Bohner, to The Electric Storage Battery Co. Detachable shield for safety hats. 2,834,017, 5-13-58, Cl. 2-10.
- Simpson, John A.: *See—*
Marton, Ladislaus L., Schrack, and Simpson. 2,840,743.
- Simpson, John F.: *See—*
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- Simpson, John G. Cleaning container with magnetic removal. 2,848,006, 8-19-58, Cl. 134-133.
- Simpson, John, and L. Parkin, to United-Carr Fastener Corp. End caps or closures for tubular members. 2,840,113, 6-24-58, Cl. 138-89.
- Simpson, Justin, to Continental Can Co., Inc. Switch mechanism. 2,866,863, 12-30-58, Cl. 200-47.
- Simpson, Justin, and C. W. Hale, to Continental Can Co., Inc. Inverted can detecting and power circuit control means. 2,866,548, 12-30-58, Cl. 209-72.
- Simpson, Leroy P. Grip-spring for vise-handles and the like. 2,841,035, 7-1-58, Cl. 74-545.
- Simpson, Nathan: *See—*
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- Simpson, Peter G.: *See—*
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- Simpson, Ray R., to American Gage & Machine Co. Multi-range electrical test instrument. 2,857,570, 10-21-58, Cl. 324-115.
- Simpson, Robert V.: *See—*
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- Simpson, Verne G.: *See—*
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- Simpson, Vinson R., Sr.: *See—*
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- Simpson, Warren C.: *See—*
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- Simpson, Warren O.: *See—*
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- Simpson, Warren O., to Western Electric Co., Inc. Article-handling apparatus. 2,859,885, 11-11-58, Cl. 214-18.
- Simpson, Warren O., and F. L. Strain, to Western Electric Co., Inc. Article-loading apparatus. 2,859,854, 11-11-58, Cl. 198-26.
- Simpson, William F.: *See—*
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- Simril, Verne L.: *See—*
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- Sims, Frank N.: *See—*
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- Sims, Fred P.: *See—*
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- Sims, Geoffrey D., to The General Electric Co., Ltd. Electro-magnetic-wave generating system. 2,819,451, 1-7-58, Cl. 333-21.
- Sims, Homer J.: *See—*
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- Sims, John C., Jr., to Sperry Rand Corp. Gate and buffer circuits. 2,823,321, 2-11-58, Cl. 307-88.
- Sims, John C., Jr., to Sperry Rand Corp. Enhancement amplifier. 2,825,820, 3-4-58, Cl. 307-88.
- Sims, Leslie J., to Ecrofiner & Partners Ltd. Moulding cores. 2,819,511, 1-14-58, Cl. 25-128.
- Sims, Raymond U., and F. J. Leonard, to United States of America, Navy. Phase comparator. 2,855,566, 10-7-58, Cl. 324-83.
- Sims, Robert J., to Westinghouse Electric Corp. Adjustable-level cooking apparatus. 2,825,790, 3-4-58, Cl. 219-37.
- Sims, Willard M.: *See—*
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- Simsch, William M. Pneumatic door check and closer. 2,821,737, 2-4-58, Cl. 16-84.
- Simon, Verne H., and K. L. Smith, to Cutler-Hammer, Inc. Electric controllers for machines. 2,848,087, 8-19-58, Cl. 192-144.
- Sinclair, Carroll E.: *See—*
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- Sinclair, Charles W.: *See—*
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- Sinclair, Charles W., to Kelsey-Hayes Co. Wheel. 2,826,457, 3-11-58, Cl. 301-13.
- Sinclair, Edward H., and G. H. Curtis, to Sinclair Machine Products, Inc. Magnetic filter. 2,823,803, 2-18-58, Cl. 210-222.
- Sinclair, H. M., Jr.: *See—*
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- Sinclair, Harold. Power transmission systems. 2,822,704, 2-11-58, Cl. 74-665.
- Sinclair, Harold. Power transmission mechanism incorporating forward and reverse gearing. 2,832,234, 4-29-58, Cl. 74-730.
- Sinclair Machine Products, Inc.: *See—*
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- Sinclair Mfg. Co., The: *See—*
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- Sinclair Refining Co.: *See—*
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- Sinclair Research Laboratories, Inc.: *See*—
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- Sinclair, Robert L.: *See*—
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- Sinclair, Robert L., to The Gillette Co. Loading blade dispensers. 2,830,414, 4-15-58, Cl. 53—37.
- Sinclair, Stuart W., to Anderson, Clayton & Co. Fluid-pressure rotating carriage for lift trucks. 2,822,949, 2-11-58, Cl. 214—701.
- Sindberg, Torben B.: *See*—
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- Sindel, Johann: *See*—
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- Sindel, Johann, to Pertrix-Union G. m. b. H. Galvanic battery. 2,836,643, 5-27-58, Cl. 136—111.
- Sindel, Johann, to Pertrix-Union G. m. b. H. Galvanic plate battery. 2,861,117, 11-18-58, Cl. 136—111.
- Sinden, Alfred D., to Stephens-Adamson Mfg. Co. Multi-unit moving sidewalk. 2,862,603, 12-2-58, Cl. 198—94.
- Sinden, Alfred D., and R. O. Schaeffer, to Stephens-Adamson Mfg. Co. Safety landing for moving sidewalks. 2,862,599, 12-2-58, Cl. 198—16.
- Sinderman, Monte. Tape closer for slider fasteners. 2,818,625, 1-7-58, Cl. 24—205.11.
- Sindzinski, Willy, to International Standard Electric Corp. Conveyor system particularly an edge-wise conveyor system. 2,852,124, 9-16-58, Cl. 198—25.
- Sindzinski, Willy, and D. Günther, to International Standard Electric Corp. Apparatus for separating flat articles. 2,837,333, 6-3-58, Cl. 271—12.
- Singelmann, Dietrich E.: *See*—
 Hall, James R., and Singelmann. 2,857,740.
- Singer, Franz: *See*—
 Gebele, Kurt, and Singer. 2,849,938.
- Singer, Fred J., to Bell Telephone Laboratories, Inc. Carrier operation of multistation telephone lines. 2,857,464, 10-21-58, Cl. 179—15.
- Singer, George C.: *See*—
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- Singer, Herbert, to Radio Corp. of America. Tape drive mechanism. 2,844,369, 7-22-58, Cl. 271—218.
- Singer, John J., and M. Weisberg, to Hampshire Chemical Corp. Preparation of amino nitriles. 2,855,428, 10-7-58, Cl. 260—465.5.
- Singer, John P. Variable speed control for phonograph turntable drive. 2,826,925, 3-18-58, Cl. 74—200.
- Singer, John P. Variable speed control for phonograph turntable drive. 2,826,926, 3-18-58, Cl. 74—200.
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 Abel, George J. 2,863,408.
 Breul, Frederic and Silva. 2,824,531.
 D'Amico, Anthony F. 2,833,233.
 D'Amico, Anthony F. 2,858,782.
 Edwards, William J. 2,822,772.
 Enos, John P. 2,820,425.
 Enos, John P. 2,828,704.
 Enos, John P. 2,828,705.
 Enos, John P. 2,849,973.
 Enos, John P. 2,853,036.
 Enos, John P. 2,861,528.
 Fuge, Harry B., and Turner. 2,819,779.
 Garasimowicz, John D. 2,823,632.
 Gegauf, Fritz. 2,832,302.
 Goodman, Herbert J. 2,824,533.
 Hale, Arthur N. 2,847,956.
 Hale, Arthur N., Ivanko, and Graham. 2,822,771.
 Happe, Reynold. 2,827,867.
 Happe, Reynold. 2,843,710.
 Hayes, Frank A. 2,860,267.
 Herbst, Edward J. 2,828,706.
 Herbst, Edward J. 2,838,018.
 Herbst, Edward J. 2,843,336.
 Herbst, Edward J. 2,846,965.
 Hermanns, Frederick R. 2,834,222.
 Hleb, William J. 2,834,310.
 Ivanko, Michael F. 2,822,773.
 Johnson, Ralph E. 2,848,963.
 Johnson, Ralph E. 2,853,035.
 Johnson, Ralph E. 2,853,966.
 Johnson, Ralph E. 2,855,880.
 Johnson, Ralph E. 2,862,468.
 Kishibay, Charles O. 2,829,296.
 Kuhar, Ludwig J. 2,858,785.
 Matuzas, Anthony J. 2,828,710.
 Odermann, Charles R. 2,856,874.
 Odermann, Charles R. 2,837,869.
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- Singer Mfg. Co., The: *See*—Continued
 Parry, Frank. 2,829,613.
 Parry, Frank. 2,829,611.
 Parry, Frank. 2,833,231.
 Peets, Wilbur J. 2,863,411.
 Perkins, Kenneth. 2,831,991.
 Perla, Martin R. 2,848,962.
 Peterson, Elmer R. 2,835,545.
 Platt, John. 2,853,965.
 Ritter, Herman, and Steiner. 2,848,966.
 Rockerath, John L. 2,827,006.
 Smellie, Leonard. 2,833,235.
 Spaine, Edward P. 2,851,977.
 Sweet, Ray D., and Edwards. 2,825,296.
 Sweet, Ray D., and Edwards. 2,849,971.
 Tarle, Emil P. 2,856,726.
 Turner, Edgar P. 2,822,903.
 Turner, Edgar P. 2,824,633.
 Turner, Edgar P., and Happe. 2,842,173.
 Turner, Edgar P., and Herr. 2,844,773.
 Turner, Edgar P., and Wendel. 2,857,996.
 Turner, Edgar P., Wendel, and Marchuk. 2,860,748.
 Van Ness, William C. 2,848,964.
 Van Ness, William C. 2,860,591.
 Wendel, Lorenz A. 2,834,444.
 Zylbert, Thaddeus J. 2,853,964.
- Singer, Heron O., to Ortho Pharmaceutical Corp. Radiopaque formulation comprising PVP as bodying agent. 2,832,722, 4-29-58, Cl. 167—95.
- Singer, Heron O., and E. A. Swart, to Ortho Pharmaceutical Corp. Preparation of thromboplastin. 2,842,480, 7-8-58, Cl. 167—74.
- Singer, Heron O., and E. A. Swart, to Ortho Pharmaceutical Corp. Preparation of improved thromboplastin. 2,847,347, 8-12-58, Cl. 167—74.
- Singer, Heron O., and E. A. Swart, to Ortho Pharmaceutical Corp. Plasma fractionation and product therefrom. 2,847,348, 8-12-58, Cl. 167—74.
- Singer, Heron O., and E. A. Swart, to Ortho Pharmaceutical Corp. Plasma preparation. 2,847,349, 8-12-58, Cl. 167—74.
- Singer, Heron O., and E. A. Swart, to Ortho Pharmaceutical Corp. Preparation of highly active thromboplastin. 2,847,350, 8-12-58, Cl. 167—74.
- Singleton, Frank: *See*—
 Hunter, William A., and Singleton. 2,842,803.
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 Hunter, William A., and Singleton. 2,851,737.
- Singleton, John C., Jr.: *See*—
 Brister, Paul M., and Singleton. 2,840,051.
- Singleton, John H. Portable structure. 2,845,078, 7-29-58, Cl. 135—5.
- Singleton, Lester D.: *See*—
 Hadley, Harlan A., and Singleton. 2,839,288.
 Hadley, Harlan A., and Singleton. 2,857,049.
- Singleton, Robert W., W. B. Horback, J. L. Riley, and B. S. Sprague, to Celanese Corp. of America. Regenerated cellulose filamentary material. 2,862,833, 12-2-58, Cl. 117—7.
- Sink, Ernest G. Electric calendar. 2,837,850, 6-10-58, Cl. 40—117.
- Sink, Robert L.: *See*—
 Burke, Harry E., Robinson, Sink, and Strassner. 2,849,180.
- Sink, Robert L., and P. S. Goodwin, to Consolidated Electrodynamics Corp. Mass spectrometer anticipator circuit. 2,831,606, 9-9-58, Cl. 250—41.9.
- Sink, Russell S., to International Harvester Co. Clutch actuating mechanism. 2,864,480, 12-16-58, Cl. 192—91.
- Sinkinson, John W. Pocker pepper mill. 2,858,081, 10-28-58, Cl. 241—168.
- Sinn, Richard, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Continuous centrifuge. 2,822,127, 2-4-58, Cl. 233—2.
- Sinn, Richard, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Purification of terephthalic acid esters. 2,828,330, 3-25-58, Cl. 260—475.
- Sinner, John B. and O. A. Removable wall facing panels. 2,853,870, 9-30-58, Cl. 72—19.
- Sinner, John B. and O. A. Crypt fasteners for keying together crypt front slabs. 2,860,504, 11-18-58, Cl. 72—19.
- Sinner, Oscar A.: *See*—
 Sinner, John B. and O. A. 2,853,870.
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- Sinninger, Dwight V., to Pioneer Electric and Research Corp. Rotary distributor for selecting system. 2,866,869, 12-30-58, Cl. 200—92.
- Sinski, Henry A.: *See*—
 Russo, Carl J., and Sinski. 2,854,729.
- Sintercast Corp. of America: *See*—
 Ellis, John L., Knox, Adamec, and Goetzel. 2,843,501.
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 Goetzel, Claus G., and Ellis. 2,863,562.
 Goetzel, Claus G., Grant, Skolnick, and Ellis. 2,828,202.
 Goetzel, Claus G., Grant, Yoblin, and Skolnick. 2,852,367.
 Goetzel, Claus G., and Skolnick. 2,828,225.
 Grant, Nicholas J., and Goetzel. 2,823,988.
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- Sintermann, Erwin. Winding apparatus. 2,864,563, 12-16-58, Cl. 242—25.
- Sintz, Claude, Inc.: *See*—
 Buell, Richard W., Lobdell, and Wrinn. 2,839,949.

- Sinykin, Louis S.: *See*—
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Sion, Elie, to Bendix Aviation Corp. Hygrometer. 2,819,614, 1-14-58, Cl. 73—335.
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Sire, Edouard M., to Bar-Zim Toy Mfg. Co., Inc. Magnetic toys. 2,842,896, 7-15-58, Cl. 46—238.
Siria, James O., $\frac{1}{2}$ each to E. C. Mosesian, N. J. Caffeejian, and C. J. Vagin, as co-partners doing business as Cenatron Industries. Chain saw attachment for portable circular saw. 2,839,097, 6-17-58, Cl. 143—32.
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Sirmay, Julius, and D. B. Brinton, to Scott & Williams, Inc. Knitting machine. 2,854,834, 10-7-58, Cl. 66—42.
Sirnes, Severin. Separation of oil and foodstuffs from herring. 2,832,684, 4-29-58, Cl. 99—7.
Sirotek, Louis. Flush tank inlet control valve. 2,833,300, 5-6-58, Cl. 137—244.
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Siskind, William. Combined eraser particle collecting device and dust guard for typewriters. 2,834,449, 5-13-58, Cl. 197—181.
Sisler, Harry H., and R. Mattair, to The Ohio State University Research Foundation. Chloramine process. 2,837,409, 6-3-58, Cl. 23—190.
Sisler, Harry H., and R. S. Drago, to The Ohio State University Research Foundation. Production of hydrazine. 2,863,728, 12-9-58, Cl. 23—190.
Sislik, Ivan, and W. B. Duffy, to The Palnut Co. Push-on fastener having sets of teeth at different levels. 2,837,955, 6-10-58, Cl. 85—36.
Sissingh, Gerhard J., and R. R. Kenworthy, to the United States of America as represented by the Secretary of the Navy. Control of helicopter stability by inertia device. 2,827,968, 3-25-58, Cl. 170—160.13.
Sisson, Kenneth O., to General Motors Corp. Suspension system for spinner type washing machine. 2,859,877, 11-11-58, Cl. 210—365.
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Sisulak, Michael S., to International Harvester Co. Crop classifier for cotton harvesters. 2,833,409, 5-6-58, Cl. 209—137.
Sisulak, Michael S., and J. D. Segredo, to International Harvester Co. Cotton classifying apparatus. 2,833,410, 5-6-58, Cl. 209—137.
Sitler, Richard W., to Aurora Equipment Co. Locking key for adjoining cab.net units. 2,824,775, 2-25-58, Cl. 312—111.
Sitler, Richard W., to Aurora Equipment Co. Knockdown cabinet and method of assembling same. 2,837,393, 6-3-58, Cl. 312—257.
Sitler, Richard W., to Aurora Equipment Co. Locker support. 2,857,229, 10-21-58, Cl. 312—253.
Sitron, Gabriel M., to Carrick Products. Welding nut with pilot portion defined by flanges and having welding projections on said flanges. 2,859,790, 11-11-58, Cl. 151—41.7.
Sittre, Hellmuth. Microtome, particularly ultra-microtome. 2,813,014, 7-15-58, Cl. 88—10.
Sitterly, Charles K., to Carr, Adams & Collier, Inc. Locking device. Re. 24,470, 5-6-58, Cl. 292—145.
Sitterly, Charles K., to Carr, Adams & Collier, Inc. Detachable mechanism for double hung window structure. 2,821,753, 2-4-58, Cl. 20—52.2.
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Sittner, George H., and E. W. Siegel, to General Electric Co. Component placement apparatus. 2,829,371, 4-8-58, Cl. 1—91.
Sitton, Andrew J., to Sitton Industries, Inc. Mold for a continuous feed printing strip material caster. 2,849,767, 9-2-58, Cl. 22—57.2.
Sitton, Hugh W. and T. H. Drilling tool. 2,827,264, 3-18-58, Cl. 255—73.
Sitton Industries, Inc.: *See*—
Sitton, Andrew J. 2,849,767.
Sitton, Philip, to The Philip Sitton Septic Tank Co. Septic tank. 2,857,054, 10-21-58, Cl. 210—532.
Sitton, Philip, Septic Tank Co., The: *See*—
Sitton, Philip. 2,857,054.
Sitton, Thomas H.: *See*—
Sitton, Hugh W. and T. H. 2,827,264.
Sivacek, Emil E., to King-Seeley Corp. Automatic toaster. 2,835,192, 5-20-58, Cl. 99—329.
Sivacek, Emil E., to King-Seeley Corp. Thermal relay. 2,846,543, 8-5-58, Cl. 200—113.
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Lovelady, Isaac W., and Kroeker. 2,832,431.
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Laurence, Lawton L., McMinn, and Siver. 2,833,369.
Siverson, Harry E. Chain construction. Re. 24,475, 5-20-58, Cl. 74—252.
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Siverts, Robert D.: *See*—
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Six, David A. Bottle holder. 2,844,346, 7-22-58, Cl. 248—141.
Six, Willem, R. L. Wittebol, and R. A. Koolhof, to North American Philips Co., Inc. Synchronized generator. 2,843,669, 7-15-58, Cl. 178—69.5.
Sixel, Gustav A., to Akt. fuer Unternehmungen der Eisen- und Stahlindustrie. Electric arc melting furnace. 2,852,585, 9-16-58, Cl. 13—10.
Sixsmith, Herbert, to English Electric Valve Co. Ltd. Magnetrans. 2,837,695, 6-3-58, Cl. 315—39.67.
Sixt, Hans, to H. Gelbert. Sewing machine with zigzag or ornamental stitching attachment. 2,860,589, 11-18-58, Cl. 112—15.
Sjoberg, Nils W., to Prime Mfg. Co. Cutting mechanism for rib applying machine. 2,828,495, 4-1-58, Cl. 12—20.
Sjögren, Borje, to Carlson Tool and Machine Co. Tuft guard mechanism. 2,842,401, 7-8-58, Cl. 300—8.
Sjögren, Sven V.: *See*—
Ekström, Gösta I., and Sjögren. 2,831,463.
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Sjoquist, Carl A. Wheel jack. 2,846,099, 8-5-58, Cl. 214—331.
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Skaggs, Everett E.: *See*—
Skaggs, Robert P. and E. E. 2,835,493.
Skaggs, Robert P. and E. E. Hydraulically adjustable stilts. 2,835,493, 5-20-58, Cl. 272—70.1.
Skains, Bruce M. Trot line setter. 2,857,706, 10-28-58, Cl. 43—57.5.
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Skaptason, Joseph B., to Pittsburgh Coke & Chemical Co. Method of treating plants to protect against rust. 2,836,537, 5-27-58, Cl. 167—22.
Skaraneus, Sven C., and B. G. O. Svensson, to International Standard Electric Corp. Arrangement in a radar station. 2,862,203, 11-25-58, Cl. 343—18.
Skarsten, Anders R., to Skarsten Mfg. Co. Ltd. Paint stripping appliances. 2,841,682, 7-1-58, Cl. 219—29.
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Skay, Frank, to Holley Carburetor Co. Automatic choke system for a carburetor. 2,854,225, 9-30-58, Cl. 261—39.
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Skeats, Wilfred F., to General Electric Co. Low-voltage current-limiting fuse. 2,866,040, 12-23-58, Cl. 200—131.
Skeem, Wayne B. Tractor implement linkage or hook-up. 2,819,665, 1-14-58, Cl. 97—47.5.
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Skellern, John, to D. Napier & Son Ltd. Control systems for multi-engine aircraft employing reaction jets. 2,865,176, 12-23-58, Cl. 60—97.
Skellern, John, to D. Napier & Son Ltd. Devices sensitive to rotational speed. 2,865,624, 12-23-58, Cl. 264—14.
Skellett, Albert M., to Bell Telephone Laboratories, Inc. Shield for electromagnetic radiations. 2,828,484, 3-25-58, Cl. 343—18.
Skellett, Albert M., to National Union Electric Corp. Magnetized record signal reproduction system. 2,843,673, 7-15-58, Cl. 179—100.2.
Skellett, Albert M., to Tung-Sol Electric Inc. Method of forming color phosphor mosaic for television picture tubes. 2,848,295, 8-19-58, Cl. 184—22.
Skellett, Albert M., to Tung-Sol Electric Inc. Direct view television reproducing tube or the like. 2,866,126, 12-23-58, Cl. 315—13.
Skelly, James J., to Specialty Products Corp. Fastening device. 2,837,383, 6-3-58, Cl. 308—237.

- Skelly, Joseph F., and S. R. Stiles, to The M. W. Kellogg Co. Method of purifying sulfuric acid. 2,863,724, 12-9-58, Cl. 23-172.
- Skelly, William G., to International Minerals & Chemical Corp. Preparation of guanidino type compounds. 2,820,822, 1-21-58, Cl. 260-534.
- Skenandoe Rayon Corp.: *See*—
- Pilon, Earl L., Sr. 2,846,828.
- Splua, Anthony N., and Brown. 2,820,984.
- Skeoch, Donald H. Folding seat. 2,828,807, 4-1-58, Cl. 155-153.
- Skerritt, Roy P. Heating system humidifier. 2,820,449, 1-21-58, Cl. 126-113.
- Skerritt, Roy P. Float valve unit. 2,824,571, 2-25-58, Cl. 137-426.
- Skerritt, Roy P. Float-operated valve. 2,831,497, 4-22-58, Cl. 137-436.
- Skerritt, Roy P. Humidified plant holder. 2,837,868, 6-10-58, Cl. 47-38.
- Skerritt, Roy P., to Economic Products Co. Humidifier. 2,838,294, 6-10-58, Cl. 261-104.
- Skerritt, Roy P., to Economic Products Co. Furnace-installed humidifier. 2,845,057, 7-29-58, Cl. 126-113.
- Skerritt, Roy P. Heating system humidifier. 2,858,825, 11-4-58, Cl. 126-113.
- Skidmore, Walter E. Service insulator construction. 2,834,830, 5-13-58, Cl. 174-165.
- Skiff, Russell A., and E. B. Heft, to General Electric Co. Cast resin commutating rheostat. 2,866,051, 12-23-58, Cl. 201-48.
- Skil Corp.: *See*—
- Bork, Hugo W. 2,839,101.
- Skiles, A. J. Tire bead breaking press assembly. 2,840,143, 6-24-58, Cl. 157-126.
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- Mires, Joseph E., and Skillen. 2,828,904.
- Skilkin, Walter F., to Union Mfg. Co. Lever actuated chuck. 2,845,275, 7-29-58, Cl. 279-119.
- Skilkin, Walter F., to Union Mfg. Co. Chuck. 2,845,276, 7-29-58, Cl. 279-121.
- Skilkin, Walter F., to Union Mfg. Co. Chuck. 2,845,277, 7-29-58, Cl. 279-121.
- Skilman, Elmer N. Device for use below ice. 2,845,742, 8-5-58, Cl. 43-26.1.
- Skimin, Robert A.: *See*—
- Garrett, Frederick W., and Skimin. 2,826,493.
- Skinas, Kosmas. Ship's collision preventer and shock absorber. 2,847,964, 8-19-58, Cl. 114-219.
- Skinner, Bradley: *See*—
- Goldtrap, Walter A., and Skinner. 2,860,030.
- Skinner, Bronson C., to B. W. Skinner. Valve operating linkage and method of adjusting and controlling same. 2,862,485, 12-2-58, Cl. 123-90.
- Skinner Brothers Rubber Co.: *See*—
- Skinner, Edward B. 2,854,260.
- Skinner, Brunhilde W.: *See*—
- Skinner, Bronson C. 2,862,485.
- Skinner, Burrhus F., to International Business Machines Corp. Teaching machine. 2,846,779, 8-12-58, Cl. 35-9.
- Skinner, Charles E. Collapsible stage structure. 2,846,221, 8-5-58, Cl. 272-21.
- Skinner, Charles R. Automatic valve. 2,842,629, 7-8-58, Cl. 200-61.07.
- Skinner Chuck Co.: *See*—
- Clay, Robert B., and Goepfrich. 2,821,997.
- Skinner, Clawson N.: *See*—
- Van Court, Carl P., Kinsman, and Skinner. 2,823,668.
- Skinner, Clayton H., to Hewitt-Robins Inc. Hose ballasting means. 2,844,169, 7-22-58, Cl. 138-25.
- Skinner, David H.: *See*—
- Miller, Frank E., Jr., and Skinner. 2,838,025.
- Skinner, Davis A., to Union Oil Co. of California. Fluxing petroleum coke slag. 2,835,213, 5-20-58, Cl. 110-1.
- Skinner, Edward B., to Skinner Brothers Rubber Co. Packing element for wire line and polished rod wipers. 2,854,260, 9-30-58, Cl. 286-16.
- Skinner, George H., and D. R. Proulx. Rip saw feed. 2,829,683, 4-8-58, Cl. 143-49.
- Skinner, George M.: *See*—
- Thomas, Kenneth L., Wickham, and Skinner. 2,863,981.
- Skinner, Hazel B.: *See*—
- Ward, Irving A. 2,862,766.
- Skinner, James L. Engine starter. 2,857,984, 10-28-58, Cl. 185-41.
- Skinner, John A.: *See*—
- Tholstrup, Henry L., and Skinner. 2,859,851.
- Skinner, John G., to Phillips Petroleum Co. Mass spectrometer. 2,838,677, 6-10-58, Cl. 250-41.9.
- Skinner, John G., and A. E. Butcher, to Phillips Petroleum Co. Mass spectrometer. 2,848,618, 8-19-58, Cl. 250-41.9.
- Skinner, John R.: *See*—
- Carlson, George J., Skinner, Smith and Wilcoxon. 2,833,787.
- Skinner, John R., C. H. Wilcoxon, Jr., and G. J. Carlson, to Shell Development Co. Production of epoxides. 2,833,788, 5-6-58, Cl. 260-348.5.
- Skinner, John R., C. H. Wilcoxon, Jr., and G. J. Carlson, to Shell Development Co. Synthetic glycerine production with intermediate removal of acrolein. 2,862,978, 12-2-58, Cl. 260-635.
- Skinner, M. B., Co.: *See*—
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- Skinner, Ray F. Tire trimmer. 2,863,506, 12-9-58, Cl. 164-10.2.
- Skin-Pack, Inc.: *See*—
- Groth, Fred A. 2,855,735.
- Skipp, Edward J. Mobile car washer. 2,852,306, 9-16-58, Cl. 299-41.
- Skipwith, Lee, Jr. Spray devices. 2,841,442, 7-1-58, Cl. 299-84.
- Skipwith, Lee, Jr., to Sprayers & Nozzles, Inc. Valve mechanism for sprayers. 2,849,208, 8-26-58, Cl. 251-211.
- Skidadal, Conrad, Jr., to Texas Instruments Inc. Method and apparatus for etching. 2,825,167, 3-1-58, Cl. 41-9.
- Sklar, Harry B.: *See*—
- Norman, Harry H., and Sklar. 2,839,187.
- Skog, Henry A.: *See*—
- Fox, Richard D., and Skog. 2,859,856.
- Skog, Henry A., to Special Equipment Co. Fruit pitting machine. 2,827,088, 3-18-58, Cl. 146-28.
- Skog, Henry A., to Special Equipment Co. Fruit halving and pitting machine. 2,847,047, 8-12-58, Cl. 146-28.
- Skog, Henry A., to Food Machinery and Chemical Corp. Fruit orienting machine. 2,856,057, 10-14-58, Cl. 198-33.
- Skog, Henry A., to Canning Equipment Co. Fruit pitter having spiral knife and pit retaining member. 2,859,783, 11-11-58, Cl. 146-28.
- Skogh, Carl G. C., and G. Sävö. Method for continuous production of furfural from suitable raw material. 2,862,008, 11-25-58, Cl. 260-347.9.
- Skoglund, Douglas M.: *See*—
- Paikens, Edward, and Skoglund. 2,838,894.
- Skogsberg, Erik L. Signaling system. 2,820,098, 1-14-58, Cl. 179-5.
- Skogsberg, Ernst G., and K. H. Harnell, to Aktiebolaget Hagglund & Söner. Means for automatically opening and closing doors. 2,819,897, 1-14-58, Cl. 268-64.
- Skogsberg, Ernst G., and K. H. Harnell, to Aktiebolaget Hagglund & Söner. Opening and closing device for vehicle doors. 2,859,034, 11-4-58, Cl. 268-31.
- Skolnick, Leonard I.: *See*—
- Goetzel, Claus G., Grant, Skolnick, and Ellis. 2,828,202.
- Goetzel, Claus G., Grant, Yoblin, and Skolnick. 2,852,367.
- Goetzel, Claus G., and Skolnick. 2,828,225.
- Goetzel, Claus G., and Skolnick. 2,828,226.
- Skolnik, Merrill I., to United States of America, Air Force. Gaseous discharge RF noise source. 2,855,514, 10-7-58, Cl. 250-36.
- Skolnik, Sol: *See*—
- Evans, Robert, Thames, and Skolnik. 2,842,594.
- Skoog, Arthur W.: *See*—
- Roberts, Frederick W., Gillette, Duntze, and Skoog. 2,865,637.
- Taylor, Douglas E., Sherman, Skoog, and Rescanski. 2,847,223.
- Skoog, Ivan H.: *See*—
- Letsinger, Robert L., and Skoog. 2,839,566.
- Skookum Co., Inc.: *See*—
- Hobbs, Phillip A. D., and Koeneke. 2,859,075.
- Skow, Ross E., to Tension Envelope Corp. of Kansas City. Method of forming and applying clasps to envelopes. 2,852,842, 9-23-58, Cl. 29-509.
- Skow, Ross E., to Walbert Machine Co. Mechanism for supplying workpieces such as envelopes to the feeding mechanism of a printing press. 2,853,296, 9-23-58, Cl. 271-5.
- Skowron, Carl. Variable speed and torque transmission. 2,842,011, 7-8-58, Cl. 74-786.
- Skowronski, Raymond F. Ultrasonic stone cutting device. 2,831,668, 4-22-58, Cl. 262-8.
- Skrainka, Ralph N. Combined blade-guard and cleaner for ice skates. 2,826,774, 3-18-58, Cl. 15-105.
- Skran, William D., to The National Pioneer, Inc. Honing equipment. 2,831,297, 4-22-58, Cl. 51-92.
- Skrebbha-Werk K. G.: *See*—
- Jopp, Walter. 2,859,442.
- Jopp, Walter. 2,859,443.
- Skrimshire, Gerald E. H.: *See*—
- Ockrent, Charles, Skrimshire, and Sutherland. 2,865,865.
- Skrimetta, Raphael Q. Oyster shucking machine. 2,818,598, 1-7-58, Cl. 17-9.
- Skrobisch, Alfred, to Allard Instrument Corp. Magnetic device. 2,824,188, 2-18-58, Cl. 200-87.
- Skrobisch, Alfred, to Allard Instrument Corp. Electrically controlled magnetic movement. 2,836,773, 5-27-58, Cl. 317-171.
- Skromme, Arnold B.: *See*—
- Neighbour, Leonard B., Lance, and Skromme. 2,846,047.
- Skromme, Arnold B., and G. R. Sutherland, to Deere Mfg. Co. Forage harvester knives. 2,841,946, 7-8-58, Cl. 56-289.
- Skromme, Lawrence H., and M. J. Happe, to Sperry Rand Corp. Side delivery rake having stationary and rotatable raking elements. 2,829,486, 4-8-58, Cl. 56-376.
- Skubic, Leroy F., to The Paltier Corp. Stacking rack. 2,833,421, 5-6-58, Cl. 211-148.
- Skubic, Leroy F., to The Paltier Corp. Bearing supports for pallet stacking. 2,863,568, 12-9-58, Cl. 211-148.
- Skunda, Michael: *See*—
- Bychinsky, Wilfred A., and Skunda. 2,863,080.
- Skutnik, John E. Thiefproof automobile door push button. 2,853,332, 9-23-58, Cl. 292-347.
- Skuttle Mfg. Co.: *See*—
- Miller, Paul C., Jr. 2,821,449.
- Powers, Milton A. 2,853,996.
- Powers, Milton A., and Champlin. 2,847,989.

- Skwarek, Frank J., to Polarad Electronics Corp. Adjustable periphery cam. 2,824,466, 2-25-58, Cl. 74-568.
- Skvier, John. Automatic casting float. 2,825,175, 3-4-58, Cl. 43-44.91.
- Skyline Products, Inc.: *See*—
Perry, Thomas A. 2,860,809.
- Skyrud, Milton L., to Western Electric Co., Inc. Pallet trucks. 2,827,302, 3-18-58, Cl. 280-33.99.
- Skyway Luggage Co.: *See*—
Chestnut, William C. 2,849,093.
- Slaats, Matthew A.: *See*—
Churchill, Frederick B., and Slaats. 2,863,101.
- Slack, Ronald: *See*—
Adams, Arthur, and Slack. 2,839,529.
Freeman, Wilfred A., Pain, and Slack. 2,827,415.
Freeman, Wilfred A., Pain, and Slack. 2,831,866.
- Slack, Ronald, to May & Baker Ltd. Bis-quaternary ammonium salts of amsonic acid. 2,827,466, 3-18-58, Cl. 260-313.
- Slack, Ronald, D. L. Pain, and H. J. Barber, to May & Baker Ltd. Thiadiazole compounds. 2,827,457, 3-18-58, Cl. 260-239.95.
- Slade, Martin A., Jr.: *See*—
Gerwe, Raymond D., and Slade. 2,866,709.
- Slade, William J., to Crown Cork & Seal Co., Inc. Detergent can. 2,844,290, 7-22-58, Cl. 222-562.
- Sladek, Achilles L., to Schafer Equipment Co. Rotary lading strap anchor. 2,843,060, 7-15-58, Cl. 105-369.
- Sladek, Owen C., to Western Electric Co., Inc. Machines for cutting and stripping insulated conductors. 2,844,056, 7-22-58, Cl. 81-9.51.
- Slagel, Lambert L.: *See*—
Mead, Harry A., and Slagel. 2,865,448.
- Slagh, Harold R.: *See*—
Britton, Edgar C., and Slagh. 2,829,151.
- Slagh, Harold R., to The Dow Chemical Co. 2,4-di-(tertiary butyl)-6-chloroanisole. 2,820,065, 1-14-58, Cl. 260-612.
- Slate, Claude C.: *See*—
Spink, Paul L. 2,864,623.
- Slate, Leslie, $\frac{1}{2}$ to H. J. Whitt and $\frac{1}{2}$ to O. P. Leonard. Ditch digging attachment for tractors. 2,847,134, 8-12-58, Cl. 214-138.
- Slate, Matthew W., to Allen B. Du Mont Laboratories, Inc. Tuning device for ultra-high frequency circuits. 2,832,892, 4-29-58, Cl. 250-40.
- Slate, Matthew W., to Allen B. Du Mont Laboratories, Inc. Electrical inductance. 2,843,829, 7-15-58, Cl. 336-200.
- Slater, Benjamin D. Motor vehicle signalling system. 2,866,175, 12-23-58, Cl. 340-74.
- Slater, Benjamin V. Supercharger for oil lift system. 2,826,994, 3-18-58, Cl. 103-232.
- Slater, George E.: *See*—
Walton, George M., Slater, Brown, and Soback. 2,822,926.
- Slater, Leonard N. Article holder and support therefor. 2,826,206, 3-11-58, Cl. 131-257.
- Slater, N., Co. Ltd.: *See*—
Ridgers, Frederick G., and Burgess. 2,849,777.
Ridgers, Frederick G., and Stevenson. 2,822,146.
- Slater, Norman, to Benrus Watch Co., Inc. Bracelet with abutment stop means for preventing pivoting of the arms. 2,823,524, 2-18-58, Cl. 63-9.
- Slater, Robert, and E. Zach, $\frac{1}{2}$ to P. O. Tobeler. Box handle and closure. 2,853,224, 9-23-58, Cl. 229-52.
- Slatin, Harvey L., to Timax Corp. Electrolytic production of multivalent metals from refractory oxides. 2,861,030, 11-18-58, Cl. 204-64.
- Slatin, Harvey L., Timax Corp. Process for the production of titanium metal. 2,864,749, 12-16-58, Cl. 204-64.
- Slatoski, Walter S. Mortar heater. 2,842,118, 7-8-58, Cl. 126-345.
- Slatt, Vincent P.: *See*—
Lindahl, Earl F., and Slatt. 2,858,516.
- Slattery, John P., and R. J. Lehnen, to General Electric Co. Air conditioning apparatus having automatic defrost. 2,847,190, 8-12-58, Cl. 257-3.
- Slattery, Sidney E.: *See*—
Haworth, Lionel, Smith, Ben, and Slattery. 2,825,247.
- Slaughter, Bernard J., Jr., and W. Van Pelt, to The Crane & Breed Casket Co. Adjustable bed for casket. 2,848,781, 8-26-58, Cl. 27-12.
- Slaughter, Gibbs M., to Acme Brick Co. Incinerator. 2,859,716, 11-11-58, Cl. 110-18.
- Slaughter, John I., to Standard Oil Co. High pressure stirrer contacting apparatus. 2,865,615, 12-23-58, Cl. 259-107.
- Slaughter, John I., and D. A. McCaulay, to Standard Oil Co. Process for conversion of alkylbenzenes with a difluorophosphoric acid-BF₃ catalyst. 2,849,509, 8-26-58, Cl. 260-668.
- Slaughter, William L., to The Crane & Breed Casket Co. Casket construction. 2,830,354, 4-15-58, Cl. 27-6.
- Slaughter, William L., to The Crane & Breed Casket Co. Hinge for a sealed container. 2,830,356, 4-15-58, Cl. 27-17.
- Slavens, Wayne E., to Deere & Co. Corn picker. 2,854,806, 10-7-58, Cl. 56-103.
- Slavens, Wayne E., and H. C. Hadley, to Deere Mfg. Co. Corn husking mechanism. 2,822,811, 2-11-58, Cl. 130-5.
- Slavens, Wayne E., and H. C. Hadley, to Deere Mfg. Co. Corn husking mechanism. 2,828,749, 4-1-58, Cl. 130-5.
- Slavin, Michael: *See*—
Lerch, Charles S., Jr., Slavin, Hooten, Churchill, and Hsu. 2,843,734.
- Slavsky, John R.: *See*—
Slavsky, Robert J. and J. R. 2,831,598.
- Slavsky, Robert J. and J. R. Auxiliary merchandise basket. 2,831,598, 4-22-58, Cl. 220-18.
- Slawek, Joseph E.: *See*—
Rother, George H., and Slawek. 2,848,615.
- Slawienski, Mike. Electrically operated player for bass drums. 2,822,717, 2-11-58, Cl. 84-422.
- Slawik, Albert E. Adjustable fused plug. 2,828,387, 3-25-58, Cl. 200-115.5.
- Slawinski, Richard: *See*—
Meyer, William, and Slawinski. 2,833,566.
- Slaymaker, Frank H.: *See*—
Manley, Fred A., and Slaymaker. 2,836,664.
- Slayter, Games. Muffler structure. 2,841,237, 7-1-58, Cl. 181-42.
- Slayter, Games, to Owens-Corning Fiberglas Corp. Apparatus for producing a filamentary mat material. 2,859,506, 11-11-58, Cl. 28-1.
- Slayter, Games, and G. De Polenc, to Owens-Corning Fiberglas Corp. Apparatus for coating fibrous glass with molten metal. 2,835,221, 5-20-58, Cl. 118-202.
- Slayton, Ransom D.: *See*—
Reek, Robert J., and Slayton. 2,865,992.
- Slayton, Ransom D., to Teletype Corp. Line feed suppression device. 2,843,667, 7-15-58, Cl. 178-25.
- Slazengers Ltd.: *See*—
Wycherley, William J. 2,855,967.
- Slebochnik, Thomas W.: *See*—
Bires, Alexander C., Jr., and Slebochnik. 2,821,596.
- Slechta, Henry C.: *See*—
Ewaldson, Waldemar C., Hallam, and Slechta. 2,845,989.
- Sleeman, William C., to Pullman-Standard Car Mfg. Co. Car top chord. 2,819,689, 1-14-58, Cl. 105-406.
- Sleeper, George E., Jr., to Westronic Corp. Automatic line voltage adjuster. 2,830,253, 4-8-58, Cl. 323-43.5.
- Sleeper & Hartley, Inc.: *See*—
Conrad, Wilbur. 2,831,570.
- Slemmons, Charles O.: *See*—
Pfeiffer, Paul O., Slemmons, and King. 2,839,440.
- Slemmons, Charles O., to The General Tire and Rubber Co. Tandem axle trailer vehicle. 2,854,246, 9-30-58, Cl. 280-104.5.
- Slesaczek, Alfred: *See*—
Bartu, Franz, and Slesaczek. 2,864,602.
- Sletzing, Meyer, and M. Tishler, to Merck & Co., Inc. Follicle acid intermediates. 2,821,527, 1-28-58, Cl. 260-251.5.
- Sletzing, Meyer, and M. Tishler, to Merck & Co., Inc. N²-acetyl-N¹⁰-formyl pteroylglutamic acid. 2,821,528, 1-28-58, Cl. 260-251.5.
- Sletzing, Meyer, and M. Tishler, to Merck & Co., Inc. Propanaldehyde derivatives and their preparation. 2,821,558, 1-28-58, Cl. 260-599.
- Slevepak Machinery Corp.: *See*—
Carter, Raymond H. 2,864,213.
- Slick, Fred S., to J. I. Case Co. Roller bearing. 2,819,129, 1-7-58, Cl. 308-207.
- Slick, Fred S., to J. I. Case Co. Magneto breaker mechanism. 2,847,524, 8-12-58, Cl. 200-30.
- Slight, George M., and R. J. Perry, to The Morgan Crucible Co., Ltd. Sealing device for relatively rotatable parts. 2,823,057, 2-11-58, Cl. 288-3.
- Slim-Zelle, Inc.: *See*—
Buck, Nelson L., and Beckwith. 2,819,713.
- Slinkard, William A. Toy bed. 2,849,731, 9-2-58, Cl. 5-74.
- Slipka, Mabel. Insulated minnow pail. 2,863,255, 12-9-58, Cl. 43-57.
- Slip-Not Belting Corp.: *See*—
Shivell, Philip J. 2,855,004.
- Sliva, Stanley M.: *See*—
Breul, Frederic W., and Sliva. 2,824,531.
- Slivka, William R.: *See*—
Daley, Joseph A., Jr., and Slivka. 2,825,226.
- Sloan, Arthur W.: *See*—
Rainer, William C., Redding, Hitov, Sloan, and Stewart. 2,855,517.
- Sloan, Harold F., G. K. Greminger, Jr., F. E. Windoover, and S. M. Rodgers, Jr., $\frac{1}{4}$ to Cliffs Dow Chemical Co., and $\frac{3}{4}$ to The Dow Chemical Co. Combustible gel. 2,838,384, 6-10-58, Cl. 44-7.
- Sloan, Harry E., to The Cushman Chuck Co. Collet chuck. 2,819,906, 1-14-58, Cl. 279-2.
- Sloan, Harry E., to The Cushman Chuck Co. Collet chuck with internal work stop provisions. 2,821,404, 1-28-58, Cl. 279-51.
- Sloan, Harry E., to The Cushman Chuck Co. Center-adjustable universal chuck with automatic torsion lock. 2,822,181, 2-4-58, Cl. 279-114.
- Sloan, Harry E., to The Cushman Chuck Co. Universal chuck of the center-adjustable type. 2,847,226, 8-12-58, Cl. 279-116.
- Sloan, Harry E., to The Cushman Chuck Co. Collet chucks. 2,859,041, 11-4-58, Cl. 279-2.
- Sloan, Harry E., and A. Collette, to The Cushman Chuck Co. Compensating scroll chuck. 2,825,572, 3-4-58, Cl. 279-116.
- Sloan, Harry E., and L. B. Swanson, to The Cushman Chuck Co. Chuck. 2,843,389, 7-15-58, Cl. 279-3.
- Sloan, Harry E., and H. W. Hickey, to The Cushman Chuck Co. Clamping jaws for chucks. 2,860,884, 11-18-58, Cl. 279-112.

- Sloan, Herbert W.: *See*—
Hechenbleikner, Ingenuin, and Sloan. 2,853,508.
- Sloan, James J.: *See*—
Kelly, Robert B., and Sloan. 2,856,224.
- Sloan, Laurie M.: *See*—
Allen, Thomas O., and Sloan. 2,842,205.
- Sloan, Peter. Article tallying apparatus. 2,843,321, 7-15-58, Cl. 235-98.
- Sloan Valve Co.: *See*—
Parker, Wesley R. 2,858,846.
Swartz, James J., and Russell. 2,843,920.
- Sloan, Walter J.: *See*—
Aho, Charles E., Murray, and Sloan. 2,829,028.
- Sloat, Daniel H., to International Business Machines Corp. Record controlled machine. 2,846,066, 8-5-58, Cl. 209-110.
- Sloat, Jules, Slipper. 2,831,272, 4-22-58, Cl. 36-8.5.
- Slobbe, Walter W., to Sylvania Electric Products Inc. Process of aluminizing cathode ray tube screen. 2,819,182, 1-7-58, Cl. 117-33.5.
- Slocumb, George M., to Consolidated Electrodynamics Corp. Non-linear analog-to-digital converter. 2,839,744, 6-17-58, Cl. 340-347.
- Slocumbe, Robert J.: *See*—
Salzer, Ival O., and Slocumbe. 2,834,746.
Wesp, George L., and Slocumbe. 2,836,580.
Wesp, George L., and Slocumbe. 2,851,444.
Wesp, George L., and Slocumbe. 2,851,446.
Wesp, George L., and Slocumbe. 2,851,447.
- Slocumbe, Robert J., and G. L. Wesp, to Monsanto Chemical Co. Clear terpolymers. 2,829,126, 4-1-58, Cl. 260-63.
- Slocumbe, Robert J., and G. L. Wesp, to Monsanto Chemical Co. Clear terpolymers. 2,829,128, 4-1-58, Cl. 260-78.5.
- Slocumbe, Robert J., and G. L. Wesp, to Monsanto Chemical Co. Terpolymers and method of making same. 2,851,448, 9-9-58, Cl. 260-80.5.
- Slocumbe, Robert J., and G. L. Wesp, to Monsanto Chemical Co. Clear terpolymers. 2,854,439, 9-30-58, Cl. 260-80.7.
- Slocum, Allan: *See*—
Rieke, John W., and Slocum. 2,844,719.
- Slover, Joseph J., to Goodman Mfg. Co. Lubricating device. 2,825,490, 3-4-58, Cl. 222-74.
- Slover, Joseph J., to Goodman Mfg. Co. Filter for hydraulic system. 2,850,877, 9-9-58, Cl. 60-52.
- Slover, Joseph J., to Goodman Mfg. Co. Boring type miners with cutting path modifying means. 2,862,699, 12-2-58, Cl. 262-7.
- Slonczewski, Thaddeus: *See*—
Means, Winthrop J., and Slonczewski. 2,823,358.
- Slone, Murray C.: *See*—
Reinhart, Frank W., Slone, Horn, and George. 2,852,424.
- Slonek, Frank G., to Page Engineering Co. Camshaft drive system. 2,857,773, 10-28-58, Cl. 74-401.
- Slonneger, John L., to General Electric Co. Defrost control mechanism. 2,828,391, 3-25-58, Cl. 200-140.
- Slooff, Florus C. W.: *See*—
Scheffer, Nicolaas, and Slooff. 2,861,148.
- Sloop, Clifford E. Transformer mounting bracket. 2,841,772, 7-1-58, Cl. 336-67.
- Sloss, William A., to United States Steel Corp. Control system for coke-oven pusher machine and coke-side door machine. 2,849,128, 8-26-58, Cl. 214-23.
- Slot, Willem, to Stamicarbon N. V. Treatment of impure calcium nitrate. 2,819,955, 1-14-58, Cl. 71-58.
- Slotin, Louis A., to the United States of America as represented by the United States Atomic Energy Commission. Method of dissolving uranium metal. 2,823,977, 2-18-58, Cl. 23-14.5.
- Slotterbeck, Ober C.: *See*—
Fitzgerald, William P., Nelson, and Slotterbeck. 2,857,361.
Staib, John H., Guyer, and Slotterbeck. 2,864,864.
Wiese, Herbert K., and Slotterbeck. 2,847,435.
Young, David W., Cottle, and Slotterbeck. 2,852,540.
- Slough, Jack M., to The Fluor Corp., Ltd. Crossflow cooling tower. 2,854,090, 9-30-58, Cl. 183-26.
- Slough, James F., Jr.: *See*—
Hickey, Clyde D., and Slough. 2,854,258.
- Sloulin, Milton O. Safety attachment for boats. 2,848,725, 8-26-58, Cl. 9-3.
- Sloves Mechanical Binding Co., Inc.: *See*—
Gramacy, William. 2,836,182.
- Slovin, David G., to United States Rubber Co. Apparatus for washing rubber threads. 2,851,043, 9-9-58, Cl. 134-63.
- Slower, Carl J. Butt hinge latch for closure devices. 2,843,873, 7-22-58, Cl. 16-144.
- Slowinski, Matthew F.: *See*—
Snyder, Jackson S., and Slowinski. 2,819,502.
- Sloyan, Jerome J. Machinery supports. 2,833,597, 5-6-58, Cl. 308-3.
- Sloyan, Jerome J. Anti-friction support. 2,833,598, 5-6-58, Cl. 308-6.
- Sloyer, Arthur W., Jr.: *See*—
Sloyer, Wayne E. and A. W. 2,831,604.
- Sloyer, Wayne E. and A. W. Dispensing mechanism. 2,831,604, 4-22-58, Cl. 221-133.
- Slusher, Frank. Counterbalancing apparatus for reciprocating slide. 2,819,618, 1-14-58, Cl. 74-44.
- Slusser, George L. Reversible action cutting bit assembly. 2,840,128, 6-24-58, Cl. 144-241.
- Slusser, Marion L., D. K. McLean, and H. A. Barclay, to Socony Mobil Oil Co., Inc. Apparatus for use in determining characteristics of porous material. 2,821,680, 1-28-58, Cl. 324-13.
- Slutzky, Naum J. Adjustable fittings. 2,840,332, 6-24-58, Cl. 248-124.
- Sly, Leslie W.: *See*—
Crawford, Ralph W., Sly, and Fisher. 2,835,074.
- Slye, Norman J.: *See*—
Krueger, Archie S., and Slye. 2,830,728.
- Slyh, John A.: *See*—
Allison, Adrian G., and Slyh. 2,831,778.
- Slyngstad, Charles E.: *See*—
Burton, William P., and Slyngstad. 2,840,512.
- Smagula, Emil R. Warmer for baked goods and the like. 2,851,943, 9-16-58, Cl. 99-339.
- Smale, George W. Attention arresting signal light. 2,850,716, 9-2-58, Cl. 340-49.
- Small, Augustus B.: *See*—
Aldridge, Clyde L., and Small. 2,824,860.
- Small, Augustus B., and J. L. Ernst, to Esso Research and Engineering Co. Preparation of an improved aluminum bromide catalyst. 2,830,977, 4-15-58, Cl. 260-85.3.
- Small, Augustus B., and J. L. Ernst, to Esso Research and Engineering Co. Process for the preparation of a dissolved aluminum chloride catalyst. 2,849,428, 8-26-58, Cl. 260-85.3.
- Small, Augustus B., and J. L. Ernst, to Esso Research and Engineering Co. Polyisobutylene polymerization process having coarse and fine molecular weight control. 2,856,394, 10-14-58, Cl. 260-94.8.
- Small, Douglas M.: *See*—
Le Febvre, Alfred L., Johnson, and Small. 2,850,308.
- Small, Douglas M., and A. O. Johnson, to Stanley Home Products, Inc. Holding means for frame members. 2,862,217, 12-2-58, Cl. 15-147.
- Small, Edward F., to J. S. Kamborian. Machine for sole attaching and/or laying operations. 2,861,282, 11-25-58, Cl. 12-36.
- Small, George F., to The General Electric Co. Ltd. Electric amplifier arrangements. 2,847,517, 8-12-58, Cl. 179-171.
- Small, Joseph D. Tray carrier. 2,865,545, 12-23-58, Cl. 224-15.
- Small, Joseph M., to Controls Co. of America. Lubrication system and pump therefor. 2,861,632, 11-25-58, Cl. 184-6.
- Small, Louis, to Service Diamond Tool. Motorized hardness tester. 2,844,957, 7-29-58, Cl. 73-83.
- Small, Milton, to Owens-Illinois Glass Co. Foldable boxes. 2,832,526, 4-29-58, Cl. 229-33.
- Small, Roy D.: *See*—
Kirk, Ralph D. 2,837,342.
- Small, Samuel N., to A. G. Cohen and P. Weiss. Beach and garden umbrella and mechanism for opening and closing same. Re. 2,447,7, 5-27-58, Cl. 135-20.
- Small, Samuel N., to Atkins Industries, Inc. Swinging collapsible and vertically movable seat. 2,860,690, 11-18-58, Cl. 155-81.
- Small, Samuel N., to A. G. Cohen and P. Weiss. Tilttable garden umbrella. 2,863,466, 12-9-58, Cl. 135-20.
- Small, Samuel N., to A. G. Cohen and P. Weiss. Mechanism for tilting and supporting umbrella tops. 2,863,468, 12-9-58, Cl. 135-20.
- Small, Theodore W., and W. P. Cole, to Philco Corp. Grid controlled tubes. 2,837,672, 6-3-58, Cl. 313-6.
- Small, Victor G., to Standard Railway Equipment Mfg. Co. Hinge construction for drop end gates. 2,846,956, 8-12-58, Cl. 105-253.
- Small Business Administration: *See*—
Diambra, Henry M., and Edlen. 2,863,006.
- Smallegan, Marvin L., to Automatic Poultry Feeder Co. Anti-bridging device for feed hoppers. 2,825,539, 3-4-58, Cl. 259-126.
- Smallegan, Marvin L., to Automatic Poultry Feeder Co. Feed return gates. 2,866,536, 12-30-58, Cl. 198-57.
- Smalley, Edward W., and F. Tereski. Combination bait box and carrier. 2,822,116, 2-4-58, Cl. 224-5.
- Smalley, George E.: *See*—
Chute, Andrew E., Smalley, Klohr, and Aldridge. 2,834,655.
- Smalley, Louis C., to Carlift Co., Inc. Vehicle jack. 2,841,247, 7-1-58, Cl. 187-84.1.
- Smallwood, Thornton W., 1/2 to W. A. Reich. Universal vibrator for musical instruments. 2,825,256, 3-4-58, Cl. 84-313.
- Smaltz, John C., to McKiernan-Terry Corp. Means for automatically tensioning paying out or hauling in rope on a hoisting drum. 2,862,673, 12-2-58, Cl. 242-54.
- Smart, Charles L.: *See*—
White, Blanche B., and Smart. 2,860,132.
- Smart, Edward W., to Owens-Corning Fiberglass Corp. Fibrous mat and method of making. 2,855,634, 10-14-58, Cl. 19-155.
- Smart, William A., Jr., and T. J. Connolly, to American Cyanamid Co. Suture tube shipping package. 2,865,501, 12-23-58, Cl. 206-63.3.
- Smathers, James F. Power-actuated typewriter mechanism. 2,848,089, 8-19-58, Cl. 197-17.
- Smathers, James F. Typewriter escapement mechanism. 2,848,091, 8-19-58, Cl. 197-84.
- Smathers, Spurgeon E. Rocker construction. 2,849,955, 9-2-58, Cl. 102-50.

- Smead Mfg. Co., The: *See*—
Miller, Carl J. 2,831,706.
- Smedley, Frederick E. S.: *See*—
Meredew, George C., Berris, and Smedley. 2,825,493.
- Smedley, John, to Rolls-Royce Ltd. Profile copying machine. 2,827,816, 3-25-58, Cl. 82-19.
- Smedslund, Tor H., to Stepan Chemical Co. Vapor phase oxidation. 2,825,744, 3-4-58, Cl. 260-607.
- Smedslund, Tor H., to Stepan Chemical Co. Oxidation of organic sulfides. 2,825,745, 3-4-58, Cl. 260-607.
- Smelker, James W.: *See*—
Freeman, John F., Smelker, and Rockwood. 2,866,199.
- Smelko, Joseph A.: *See*—
Shire, William A., Jr., and Smelko. 2,842,267.
- Smellie, Leonard, to The Singer Mfg. Co. Sewing machines equipped with electric switch controls. 2,833,235, 5-6-58, Cl. 112-219.
- Smeltz, Kenneth C., to E. I. du Pont de Nemours and Co. Di (3-isocyanato-4-methylphenyl) carbodiimide. 2,840,589, 6-24-58, Cl. 260-453.
- Smertz, Frank W., to Western Electric Co., Inc. Device for cutting annular groove in annular article. 2,820,387, 1-21-58, Cl. 82-35.
- Smessaert, Raymond R., to Teletype Corp. Transmitter suppressor. 2,862,053, 11-25-58, Cl. 178-17.
- Smethport Specialty Co.: *See*—
Herzog, James R. 2,553,830.
- Smethurst, Joseph O.: *See*—
Edwards, Paul G., Robertson, and Smethurst. 2,825,764.
- Smeulders, Wouter: *See*—
Janssen, Peter J. H., and Smeulders. 2,823,308.
Janssen, Peter J. H., and Smeulders. 2,851,632.
Janssen, Peter J. H., and Smeulders. 2,854,508.
- Smeulders, Wouter, to North American Philips Co., Inc. Circuit arrangement for synchronizing a multivibrator. 2,831,112, 4-15-58, Cl. 250-36.
- Smialkowski, Edwin J.: *See*—
Niederhauser, Warren D., and Smialkowski. 2,856,434.
- Smiddy, Charles M. Pivotal wrench jaw having quick slidable adjustment. 2,846,911, 8-12-58, Cl. 81-100.
- Smidt, Jürgen: *See*—
Anslens, Hans, Kofler, and Smidt. 2,866,820.
Mittag, Rudolf, and Smidt. 2,832,807.
- Smidt, Jürgen, P. Ernst, and J. Kalteis, to Consortium für Elektrochemische Industrie G. m. b. H. Dichlorodifluoroethyl ether of cellulose esters and lower alkyl acetals. 2,830,044, 4-8-58, Cl. 260-226.
- Smidth, F. L., & Co.: *See*—
Ahlmann, Nikolai. 2,833,412.
Andersen, Niels E. 2,836,903.
Bek, Steen J. 2,858,020.
Heilmann, Thorbjörn. 2,860,061.
Henrichsen, Knud. 2,845,253.
Pedersen, Signard. 2,866,272.
Pedersen, Louis. 2,830,802.
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Pedersen, Louis. 2,859,955.
Sylvest, Karl J. 2,866,625.
- Turney, Arthur C., Mitescu, and Zubrzycki. 2,824,723.
- Vester, Borge, and Olsen. 2,824,701.
- Zubrzycki, Boleslaw J., and Lewis. 2,865,504.
- Smieciński, Casimir T., to National Oil Tool Co., Inc. Lubricated well drill. 2,831,660, 4-22-58, Cl. 255-304.
- Smiley, Gilbert, to S. H. Couch Co., Inc. Rotary armature and stator for use in relays. 2,866,870, 12-30-58, Cl. 200-93.
- Smiley, Harry J.: *See*—
Patterson, Raymond B., and Smiley. 2,849,030.
- Smiley, Lloyd D., to Gruender Crusher and Pulverizer Co. Pressurized refining blender for reducing liquid-solid suspensions. 2,847,168, 8-12-58, Cl. 241-46.
- Smiley, William D., to C. H. B. Morrison. Abrasive composition. 2,830,884, 4-15-58, Cl. 51-307.
- Smilo, Mitchell B. Thermal time-delay relay. 2,830,155, 4-8-58, Cl. 200-122.
- Smilow, Melvin, and M. Thielle. Seating furniture of minimum parts. 2,826,243, 3-11-58, Cl. 155-179.
- Smilow, Melvin, and M. Thielle. Sofa bed. 2,866,207, 12-30-58, Cl. 5-18.
- Smiltneek, Ralmond, to Nordberg Mfg. Co. Hydraulic valve actuating mechanism. 2,829,628, 4-8-58, Cl. 123-90.
- Smirl, Richard L., and L. W. Cook, to Borg-Warner Corp. Drive mechanisms. 2,858,681, 11-4-58, Cl. 64-15.
- Smirnoff, Boris, to Soule Steel Co. Diamond pattern metal window assembly. 2,837,783, 6-10-58, Cl. 20-56.
- Smirnoff, Boris T.: *See*—
Schofield, Richard P., and Smirnoff. 2,853,353.
- Smisko, John, to Aeroquip Corp. Fire protective sleeve for hose end fittings. 2,859,985, 11-11-58, Cl. 285-247.
- Smisko, John, and R. R. LaMarre, to Aeroquip Corp. Flexible fluid sealed joint for rigid tubes. 2,852,282, 9-16-58, Cl. 285-112.
- Smisko, Paul, to Stackpole Carbon Co. Dynamoelectric brush. 2,860,076, 11-11-58, Cl. 117-224.
- Smit, Wolter, and P. Modderman, to Organon Inc. Process of preparing cholic acid derivatives. 2,862,933, 12-2-58, Cl. 260-397.1.
- Smith, A. L., Iron Co.: *See*—
Kruger, Michael H. 2,854,103.
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- Smith, A. O., Corp.: *See*—
Andrus, Orrin E. 2,820,286.
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Chyle, John J. 2,856,682.
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Dueringer, Erwin G. 2,852,110.
Granberg, Neil B. 2,843,725.
Griswold, Walter R. 2,827,548.
Griswold, Walter R. 2,857,034.
Jasper, Thomas M. 2,852,295.
Johnson, Arthur E. 2,836,736.
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Leiser, Alfred L. 2,857,036.
Limpel, Eugene J. 2,848,566.
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Martin, Wesley G., and Reed. 2,823,415.
Maynard, John T. 2,857,217.
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Seymour, Hale D. 2,835,369.
Stein, George A. 2,865,324.
Tiedemann, Julius B. 2,827,547.
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Williams, Donald. 2,852,018.
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- Smith, Aaron H., to Signal Mfg. Co. Beater blade assembly. 2,847,198, 8-12-58, Cl. 259-131.
- Smith, Alan D., to Westinghouse Electric Corp. Control for heating apparatus. 2,847,553, 8-12-58, Cl. 219-44.
- Smith, Albert: *See*—
Roos, Jacob F., and Smith. 2,849,170.
- Smith, Albert C., Jr.: *See*—
Chechak, Jonas J., Sagal, and Smith. 2,848,330.
Unruh, Cornelius C., Leubner, and Smith. 2,861,058.
- Smith, Alexander, and B. D. Baggs, Jr. Lawn mower supporting means. 2,857,728, 10-28-58, Cl. 56-25.4.
- Smith, Alfred R., to Universal Atlas Cement Co. Waste-heat boiler. 2,825,311, 3-4-58, Cl. 122-7.
- Smith, Algernon L., to Continental Gin Co. Cotton drier. 2,820,306, 1-21-58, Cl. 34-168.
- Smith, Alonzo L. Bone-conduction hearing aid clamps. 2,850,594, 9-2-58, Cl. 179-156.
- Smith, Alonzo L. Apparatus for formation sampling. 2,855,050, 10-7-58, Cl. 166-103.
- Smith, Alvin H.: *See*—
De Groote, Melvin, and Smith. 2,828,266.
De Groote, Melvin, and Smith. 2,828,267.
De Groote, Melvin, and Smith. 2,828,269.
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Shen, Kwan-Ting, Stromberg, and Smith. 2,854,324.
- Smith, Alvin H., to Petrolite Corp. Process for breaking petroleum emulsions employing certain carboxybutane esters. 2,819,221, 1-7-58, Cl. 252-340.
- Smith, Alvin H., to Petrolite Corp. Polypropylene glycol esters of tetracarboxybutane and diglycolic acid. 2,864,856, 12-16-58, Cl. 260-484.
- Smith America Corp.: *See*—
Henderson, Cyril, and Crhak. 2,853,571.
- Smith, Andrew N., and R. R. Oliver, to General Electric Co. Combustor assembly for a gas turbine powerplant. 2,830,438, 4-15-58, Cl. 60-39.69.
- Smith, Archibald H.: *See*—
McIntyre, Thomas W., and Smith. 2,851,838.
- Smith, Arthur F., to International Business Machines Corp. Card stacking machine. 2,827,294, 3-18-58, Cl. 271-80.
- Smith, Arthur R.: *See*—
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- Smith, Arthur S.: *See*—
Raynolds, David W., Abernathy, and Smith. 2,829,027.
- Smith, Arthur S., to Eastman Kodak Co. Synthetic filament. 2,825,120, 3-4-58, Cl. 28-82.
- Smith, Arthur S., to Eastman Kodak Co. Dry spinning process. 2,838,364, 6-10-58, Cl. 18-54.
- Smith, Aubrey L. Combination pneumatic and padded mattress. 2,823,394, 2-18-58, Cl. 5-348.
- Smith, Austin G., to Power Jets (Research and Development) Ltd. Turbine and like blades. 2,843,354, 7-15-58, Cl. 253-39.15.
- Smith, Barry L., and G. A. Lehmann, to The Dazey Corp. Electrically powered can opener. 2,853,776, 9-30-58, Cl. 30-4.
- Smith Bearing Co., Inc., The: *See*—
Maas, Leonhard A. 2,838,349.
- Smith, Bedford A. Turbine powered convertible aircraft. 2,850,250, 9-2-58, Cl. 244-7.
- Smith, Ben J.: *See*—
Hollowell, John R., Smith, and Butler. 2,860,004.

- Smith, Benjamin F.: *See*—
Dickens, Samuel P., Smith, and Ballard. 2,859,170.
Kinsella, Arthur J., Jr., Dickens, Ballard, and Smith. 2,834,429.
- Smith, Bernard, to United States of America, Navy. Multiple box fin. 2,845,026, 7-29-58, Cl. 102-50.
- Smith, Bernard E.: *See*—
Modrey, Henry J. 2,865,978.
Simon, Walter E. A. 2,843,578.
- Smith-Blair, Inc.: *See*—
Smith, Telford L., and Dunmire. 2,834,086.
- Smith, Blanchard D., to Scripto, Inc. Plastic mechanical pencil feed tube. 2,831,459, 4-22-58, Cl. 120-14.9.
- Smith, Blanchard D. Time delay device. 2,841,665, 7-1-58, Cl. 200-33.
- Smith, Blanchard D. Calculating machine. 2,850,230, 9-2-58, Cl. 235-59.
- Smith, Blanchard D. Numerical wheel controlled shutter. 2,858,065, 10-28-58, Cl. 235-1.
- Smith, Bobbie H.: *See*—
Kennedy, Thomas J., and Smith. 2,849,427.
- Smith, Bonnie, Jr. Basic electrical circuit for light driven toys. 2,838,876, 6-17-58, Cl. 46-244.
- Smith, Brook I.: *See*—
Nelson, Joseph F., and Smith. 2,835,605.
- Smith, Brook I., and F. W. Banes, to Esso Research and Engineering Co. Fluid coke agglomeration, calcination and desulfurization. 2,843,533, 7-15-58, Cl. 202-22.
- Smith, Brook I., and E. D. Boston, to Esso Research and Engineering Co. Production of aromatics and unsaturated hydrocarbons. 2,852,440, 9-16-58, Cl. 196-49.
- Smith, Bruce K., to Sperry Rand Corp. Shifting register or array. 2,834,007, 5-6-58, Cl. 340-174.
- Smith, Burton H., to Raytheon Mfg. Co. Electron discharge devices. 2,860,285, 11-11-58, Cl. 315-39.
- Smith, C. M., 50% to S. W. Hutchens. Knotter for hay balers. 2,823,059, 2-11-58, Cl. 289-10.
- Smith, Caldwell P., to United States of America, Air Force. Automatic voice equalizer. 2,866,001, 12-23-58, Cl. 179-15.55.
- Smith, Carl A. Lock lip side feed punch. 2,859,815, 11-11-58, Cl. 164-109.
- Smith, Carl A., and H. R. Kinsella, Jr. to White-Rodgers Co. Gas valve. 2,850,257, 9-2-58, Cl. 251-11.
- Smith, Carl F.: *See*—
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- Smith, Carl M., to General Aniline & Film Corp. Use of methylidyna bis pyrazolones for dyeing. 2,840,443, 6-24-58, Cl. 8-55.
- Smith, Charles A. V., and J. Feasey. Collapsible building structures. 2,823,683, 2-18-58, Cl. 135-1.
- Smith, Charles B.: *See*—
Joel, Albert E. 2,828,127.
- Smith, Charles C., to Darlington Fabrics Corp. Fibrous covering for elastic thread. 2,840,882, 7-1-58, Cl. 28-81.
- Smith, Charles E. Tension-applying nut and bolt, and method and means of applying same. 2,820,382, 1-21-58, Cl. 81-54.
- Smith, Charles E., and E. Pell, to Cutler-Hammer, Inc. Electric motor-brake hoist control system. 2,823,341, 2-11-58, Cl. 318-203.
- Smith, Charles F.: *See*—
Anderson, Mauritz G., and Smith. 2,855,309.
- Smith, Charles G., to Raytheon Mfg. Co. Process of producing junctions in semiconductor. 2,845,371, 7-29-58, Cl. 148-1.5.
- Smith, Charles J., C. E. Read, and W. J. Kivell, to Monroe Auto Equipment Co. Hydraulic dampener. 2,850,275, 9-2-58, Cl. 267-8.
- Smith, Charles J., Jr.: *See*—
Nicolaisen, Bernard H., and Smith. 2,858,254.
- Smith, Charles J., Jr., to Olin Mathieson Chemical Corp. Process for the preparation of alkyl phosphonates. 2,853,507, 9-23-58, Cl. 260-461.
- Smith, Charles M.: *See*—
Day, John T., and Smith. 2,852,539.
- Smith, Charles O. Seed harvester. 2,853,845, 9-30-58, Cl. 56-128.
- Smith, Charles P.: *See*—
Glaze, Stanley G., and Smith. 2,826,896.
- Greenland, Leonard S., Westbury, and Smith. 2,830,607.
- Greenland, Leonard S., Westbury, and Smith. 2,830,778.
- Westbury, Roy, and Smith. 2,835,460.
- Westbury, Roy, and Smith. 2,835,461.
- Smith, Charles P., and S. G. Glaze, to H. M. Hobson, Ltd. Flying control systems for aircraft. 2,823,879, 2-18-58, Cl. 244-83.
- Smith, Charles P., B. J. Hulley, and A. T. Pugh, to H. M. Hobson, Ltd. Aircraft. 2,857,121, 10-21-58, Cl. 244-85.
- Smith, Charles R., to Mellor Bromley & Co. Ltd. Hand operated portable knot tyer. 2,821,421, 1-28-58, Cl. 289-3.
- Smith, Charles S.: *See*—
Heller, Lewis W., and Smith. 2,860,613.
- Smith, Charles V. Process of and apparatus for separating asbestos fibre from rock and for cleaning the fibre. 2,819,846, 1-14-58, Cl. 241-4.
- Smith, Chester W. Composition and method for cleaning and phosphating metal. 2,857,298, 10-21-58, Cl. 148-6.17.
- Smith, Christine E.: *See*—
Specht, Edward H., and Smith. 2,832,800.
- Smith, Christopher E. D., and W. A. Wynne, to Imperial Chemical Industries Ltd. Fungicidal compositions and methods employing 1,2-dibromo-1,1,2,2-tetrachloroethane. 2,853,415, 9-23-58, Cl. 167-22.
- Smith, Clarence C.: *See*—
Attwood, John G., Smith, and Covert. 2,863,412.
- Smith, Clarence G. Seed or fertilizer feeder for a cultivator or other implement. 2,831,612, 4-22-58, Cl. 222-142.
- Smith, Clarence J., to W. F. and John Barnes Co. Apparatus for making and welding can bodies. 2,838,651, 6-10-58, Cl. 219-64.
- Smith, Clarence J., to W. F. and John Barnes Co. Apparatus for producing can bodies and welding side seams thereof. 2,864,933, 12-16-58, Cl. 219-64.
- Smith, Clayton W.: *See*—
Hartzell, Herman L., House, Tice, and Smith. 2,839,935.
- Smith, Clement J. Wheel dolly. 2,852,161, 9-16-58, Cl. 214-332.
- Smith, Cleveland S., to Syntrol Co. Selenium rectifiers and the method of making the same. 2,819,433, 1-7-58, Cl. 317-234.
- Smith, Clive A. Device for use in catching fish. 2,821,804, 2-4-58, Cl. 43-15.
- Smith, Cloyd D. Bar wrapping machine. 2,857,722, 10-28-58, Cl. 53-57.
- Smith, Cornelius E.: *See*—
Ledingham, Harold A., and Smith. 2,863,355.
- Smith, Cornelius W. Rim structure for demountable solid tires. 2,860,683, 11-18-58, Cl. 152-402.
- Smith, Cornelius W., H. H. Kerr, R. L. Seger, Jr., and E. K. Torossian, to United States Rubber Co. Tire and rim assembly. 2,854,052, 9-30-58, Cl. 152-378.
- Smith-Corona Inc.: *See*—
Williamson, Paul D. 2,851,945.
- Smith, Cossie M. Picker stick check. 2,848,017, 8-19-58, Cl. 139-165.
- Smith, Cuba I. Sanitary napkin and holder. 2,840,078, 6-24-58, Cl. 128-290.
- Smith, Curtis W.: *See*—
Carlson, George J., Skinner, Smith, and Wilcoxon. 2,833,787.
- Fischer, Rudolph F., and Smith. 2,857,422.
- Payne, George B., Smith, and Mueller. 2,832,799.
- Smith, Curtis W., to Shell Development Co. Production of esters of hydroxy compounds. 2,820,813, 1-21-58, Cl. 260-165.4.
- Smith, Curtis W., to Shell Development Co. Production of glycerine by hydroxylation of allyl alcohol. 2,838,575, 6-10-58, Cl. 260-635.
- Smith, Curtis W., to Shell Development Co. Adducts of long chain unsaturated compounds. 2,858,323, 10-28-58, Cl. 260-346.8.
- Smith, Curtis W., G. B. Payne, and E. C. Shokal, to Shell Development Co. Epoxy-substituted esters of phosphorus-containing acid and their polymers. 2,856,369, 10-14-58, Cl. 260-2.
- Smith, Dale D., to Earl Harley, Inc. Fastener. 2,841,848, 7-8-58, Cl. 24-41.
- Smith, Dan L. Magnetic bridge gauge. 2,827,609, 3-18-58, Cl. 324-34.
- Smith, Daniel J.: *See*—
Cranker, Keith R., and Smith. 2,836,972.
- Smith, David B., to Philco Corp. Flux gate compass. 2,847,642, 8-12-58, Cl. 324-43.
- Smith, David B., to Philco Corp. Television color saturation control system. 2,866,846, 12-30-58, Cl. 178-5.4.
- Smith, David P.: *See*—
Foglia, Andrew J., Smith, and Detwiler. 2,842,120.
- Smith, David G.: *See*—
Berge, Olav, and Smith. 2,842,117.
- Smith, Denton L., and H. J. Caul, to United States of America, Commerce. Cobalt-gallium dental alloys. 2,864,695, 12-16-58, Cl. 75-170.
- Smith, Dexter E., and J. B. Willis, to Phillips Petroleum Co. Radiation source. 2,827,539, 3-18-58, Cl. 219-34.1.
- Smith, Donald A.: *See*—
Merrill, Stewart H., and Smith. 2,861,057.
- Unruh, Cornelius C., and Smith. 2,824,084.
- Unruh, Cornelius C., and Smith. 2,835,656.
- Unruh, Cornelius C., and Smith. 2,865,893.
- Smith, Donald A., to Eastman Kodak Co. Cyanoacetamidophthalic anhydrides and derivatives thereof. 2,843,605, 7-15-58, Cl. 260-346.3.
- Smith, Donald A., and C. C. Unruh, to Eastman Kodak Co. Ureido-modified polymers and their preparation. 2,852,493, 9-16-58, Cl. 260-77.5.
- Smith, Donald A., and C. C. Unruh, to Eastman Kodak Co. Allyl carbamate homopolymers and copolymers. 2,856,386, 10-14-58, Cl. 260-77.5.
- Smith, Donald A., and C. C. Unruh, to Eastman Kodak Co. Partially acetalized polyvinyl alcohol containing active halogen. 2,860,986, 11-18-58, Cl. 96-114.
- Smith, Donald C., to Phillips Petroleum Co. High resolution infra-red spectrometer analyzer for gases. 2,849,618, 8-26-58, Cl. 250-43.5.
- Smith, Donald E.: *See*—
Egleston, Harry B., and Smith. 2,823,643.
- Egleston, Harry B., and Smith. 2,852,900.
- Smith, Donald H., to Bell Telephone Laboratories, Inc. Tone generator. 2,843,745, 7-15-58, Cl. 250-36.
- Smith, Donald P., to Barker Poultry Equipment Co. Poultry bag clip. 2,855,647, 10-14-58, Cl. 24-30.5.

- Smith, Donald P. Hypergolic actuated shaped charge. 2,866,414, 12-30-58, Cl. 102-56.
- Smith, Douglas S., to G. D. Searle & Co. 1-acetyl-3-(6'-methoxy-2'-naphthyl) cyclohexane and derivatives. 2,822,383, 2-4-58, Cl. 260-488.
- Smith-Douglass Co., Inc.: *See—*
- Hollingsworth, Clinton A., Schilling, and Wester. 2,857,331.
- Hollingsworth, Clinton A., and Williams. 2,839,361.
- Hollingsworth, Clinton A., and Williams. 2,839,377.
- Smith, E. Quimby, Jr.: *See—*
- Matthews, Lyle E., and Smith. 2,833,379.
- Smith, Earl L., and R. Hall, to Phelps Dodge Copper Products Corp. Curing of epoxide resins with a chelate. 2,819,233, 1-7-58, Cl. 260-18.
- Smith, Earle K.: *See—*
- Edwards, Donald V., and Smith. 2,860,268.
- Smith, Edward A., to Raymond International Inc. Pile shells. 2,847,830, 8-19-58, Cl. 61-79.
- Smith, Edward J., to United States of America, Navy. Transient analyzer for magnetic amplifiers. 2,862,180, 11-25-58, Cl. 324-57.
- Smith, Edward J., and J. Antin, to Polytechnic Institute of Brooklyn. All-magnetic modulator type pulse generator. 2,827,575, 3-18-58, Cl. 307-106.
- Smith, Edward M., to Jet-Heet, Inc. Thermal blanket circulating and control means. 2,866,072, 12-23-58, Cl. 219-39.
- Smith, Edward P., to The Ohio Brass Co. Circuit interrupters. 2,842,718, 7-8-58, Cl. 317-13.
- Smith, Edward W. Earth penetrating apparatus. 2,830,791, 4-15-58, Cl. 253-4.6.
- Smith, Edward W. Hydraulically operated bit drive. 2,846,191, 8-5-58, Cl. 255-4.4.
- Smith, Edward W., to L. S. Adams Engineering Co. Means for dyeing fabrics. 2,858,689, 11-4-58, Cl. 68-99.
- Smith, Edwin R., to Seneca Falls Machine Co. Self-opening automatic work driving device. 2,857,167, 10-21-58, Cl. 279-106.
- Smith, Edwin W. Multi-display tube. 2,848,638, 8-19-58, Cl. 313-109.5.
- Smith, Elizabeth J.: *See—*
- Safford, Moyer M., and Smith. 2,835,642.
- Smith, Ellwood H., to Lovell Mfg. Co. Clothes dryer. 2,830,385, 4-15-58, Cl. 34-133.
- Smith, Elmer O. Tear gas gun. 2,839,017, 6-17-58, Cl. 109-32.
- Smith, Elmore S., to Moffats Ltd. Time switch. 2,821,249, 1-28-58, Cl. 161-1.
- Smith, Elwin E.: *See—*
- Ruff, Edgar E., and Smith. 2,829,102-2,829,109.
- Smith Engineering Works: *See—*
- Rumpel, Harvey H. 2,828,925.
- Smith, Ermon E. Lock for laundry extractor covers. 2,824,649, 2-25-58, Cl. 210-360.
- Smith, Ernest W.: *See—*
- Leslie, Philip, Batten, and Smith. 2,847,992.
- Smith, Esther. Covered shoe bag. 2,832,389, 4-29-58, Cl. 150-1.
- Smith, Eugene M., to General Electric Co. Electric protective equipment. 2,845,580, 7-29-58, Cl. 317-11.
- Smith, Everett F., to Standard Oil Co. Alumina compositions. 2,847,387, 8-12-58, Cl. 252-466.
- Smith Filter Corp.: *See—*
- Smith, Glenn O., and Reddick. 2,862,437.
- Smith, Floyd E. Vibratory parts feeder. 2,827,158, 3-18-58, Cl. 198-220.
- Smith, Floyd E. Vibratory parts feeder. 2,832,464, 4-29-58, Cl. 198-220.
- Smith, Floyd E. Vibratory conveyor. 2,845,169, 7-29-58, Cl. 198-220.
- Smith, Floyd E., and C. L. Lovercheck. Vibratory conveyor. 2,845,168, 7-29-58, Cl. 198-220.
- Smith, Forrest E., to The Frog, Switch & Mfg. Co. Manganese steel crusher wearing plate. 2,826,371, 3-11-58, Cl. 241-291.
- Smith, Forrest E., and E. G. Fahlman, to The Permol Co. Piston and insert ring therefor. 2,851,318, 9-9-58, Cl. 309-14.
- Smith, Frank. Cotton bale weight gauge. 2,833,207, 5-6-58, Cl. 100-99.
- Smith, Frank B., to United States Rubber Co. Method of dispersing carbon black in bulk rubber. 2,820,836, 1-21-58, Cl. 260-763.
- Smith, Frank B., to United States Rubber Co. Method of dispersing carbon black in bulk rubber. 2,820,837, 1-21-58, Cl. 260-763.
- Smith, Frank B., to United States Rubber Co. Method of dispersing carbon black in bulk rubber. 2,820,838, 1-21-58, Cl. 260-763.
- Smith, Frank J.: *See—*
- Smith, Warren L. and F. J. 2,843,068.
- Smith, Franklin S. Apparatus for pneumatic milling and conveying of mill stocks. 2,851,223, 9-9-58, Cl. 241-40.
- Smith, Fred, L. K. Cutkomp, and A. A. Fathy, to Regents of the University of Minnesota. Insecticidal compositions and method of using same. 2,834,707, 5-13-58, Cl. 167-22.
- Smith, Fred T., to Precision Research and Development Co. Two wheel spray trailers. 2,822,184, 2-4-58, Cl. 280-63.
- Smith, Fred T., to The Calkins Mfg. Co. Adjustable tractor implement hitch. 2,822,738, 2-11-58, Cl. 97-46.93.
- Smith, Frederic R.: *See—*
- Kogstrom, Axel W., and Smith. 2,857,214.
- Smith, Frederic R., to O & S Bearing & Mfg. Co. Dirt seal for bearings. 2,831,713, 4-22-58, Cl. 286-11.13.
- Smith, Frederick H.: *See—*
- Ayres, Arthur U., and Smith. 2,838,553.
- Smith, Frederick L., to Link-Belt Co. Icing machine. 2,839,254, 6-17-58, Cl. 241-154.
- Smith, Frederick M., to Phillips Petroleum Co. Method for production of alkaryl sulfonate detergent compositions. 2,820,015, 1-14-58, Cl. 252-161.
- Smith, Fredrick M., and J. E. Pritchard, to Phillips Petroleum Co. Vinylcyclohexanethiols and polymers thereof. 2,842,526, 7-8-58, Cl. 260-79.7.
- Smith, Frederick T., to M. S. P. (Luxiproducs) Ltd. Children's houses. 2,850,027, 9-2-58, Cl. 135-4.
- Smith, Frederick W.: *See—*
- Du Brow, Paul L., and Smith. 2,840,600.
- Marsh, Byron E., Du Brow, Betcher, Smith, and Cizek. 2,851,344.
- Marsh, Byron E., Du Brow, Betcher, Smith, and Cizek. 2,851,345.
- Smith, G. Tucker: *See—*
- Jones, Montgomery O. 2,847,759.
- Smith, George A.: *See—*
- Vaux, George, Stitely, and Smith. 2,827,828.
- Smith, George A., to Central Transformer Corp. Method of manufacturing transformer cores. 2,860,405, 11-18-58, Cl. 29-155.57.
- Smith, George F. and H. M., to Hughes Aircraft Co. Storage screen for direct-viewing storage tube. 2,861,207, 11-18-58, Cl. 313-68.
- Smith, George H.: *See—*
- Snow, Carl W., Sweigart, and Smith. 2,862,545.
- Smith, George H., R. C. Eschenbach, and J. F. Pelton, to Union Carbide Corp. Jet plating of high melting point materials. 2,861,900, 11-25-58, Cl. 117-105.
- Smith, George O. Saddle rig. 2,830,420, 4-15-58, Cl. 54-46.
- Smith, George R.: *See—*
- Davison, Kenneth R., and Smith. 2,839,047.
- Smith, George V., to United States Steel Corp. Steel for use at elevated temperature. 2,835,571, 5-20-58, Cl. 75-126.
- Smith, George W. Automatic drill. 2,842,131, 7-8-58, Cl. 128-310.
- Smith, George W. Detachable coupling for fishhooks and the like. 2,843,964, 7-22-58, Cl. 43-42.44.
- Smith, Gerould H., to Union Oil Co. of California. Well treating process. 2,841,222, 7-1-58, Cl. 166-42.
- Smith, Glenn O., and D. G. Reddick, to Smith Filter Corp. Ventilating device. 2,862,437, 12-2-58, Cl. 98-115.
- Smith, Grant A., to Gadget-of-The-Month Club, Inc. Dowel grooving device. 2,865,413, 12-23-58, Cl. 144-136.
- Smith, Graydon, to The Foxboro Co. Positioning motor. 2,844,766, 7-22-58, Cl. 317-172.
- Smith, Gus T., to Claussner Hosiery Co. Hosiery inspection machines. 2,865,542, 12-23-58, Cl. 223-77.
- Smith, Hadyn L.: *See—*
- Rosenberg, Harold W., Jeung, and Smith. 2,851,537.
- Smith, Hannah. Manicure device. 2,838,057, 6-10-58, Cl. 132-76.4.
- Smith, Hardy W.: *See—*
- Hill, Walter C., Jr., Smith, and Twitchell. 2,838,920.
- Smith, Harlan M., W. Hoernner, and J. R. Davidson, to Esso Research and Engineering Co. Lubricating oil compositions. 2,824,836, 2-25-58, Cl. 252-32.7.
- Smith, Harold, to Amana Refrigeration, Inc. Freezer liner and method of making same. 2,819,593, 1-14-58, Cl. 62-126.
- Smith, Harold A., to Atomic Energy of Canada Ltd. Mechanical connection. 2,847,143, 8-12-58, Cl. 220-55.
- Smith, Harold C. Window guard assembly. 2,852,071, 9-16-58, Cl. 160-104.
- Smith, Harold E., to Kaiser Aluminum & Chemical Corp. Apparatus for sawing elongated stock. 2,854,733, 10-7-58, Cl. 29-69.
- Smith, Harold O., to Centrifugal & Mechanical Industries, Inc. Pressure lubricating system. 2,839,161, 6-17-58, Cl. 184-7.
- Smith, Harold R., to United States of America, Navy. Fluid damping device. 2,858,910, 11-4-58, Cl. 188-96.
- Smith, Harris P., to Texas A & M Research Foundation. Cotton stripper. 2,825,195, 3-4-58, Cl. 56-14.
- Smith, Harris P., to Texas A & M Research Foundation. Cotton picker rolls. 2,825,197, 3-4-58, Cl. 56-33.
- Smith, Harry A.: *See—*
- Marzluff, William F., and Smith. 2,863,930.
- Smith, Harry A. Golf tee and practice device. 2,862,714, 12-2-58, Cl. 273-183.
- Smith, Harry F., to Mansfield Sanitary Pottery, Inc. Water closet flush valve assembly. 2,818,576, 1-7-58, Cl. 4-57.
- Smith, Harry F., to Mansfield Sanitary Pottery, Inc. Air conditioning apparatus. 2,828,681, 4-1-58, Cl. 98-1.
- Smith, Harry F., to Mansfield Sanitary Pottery, Inc. Ball cock back lever. 2,833,302, 5-6-58, Cl. 137-426.
- Smith, Harry F., to Mansfield Sanitary Pottery, Inc. Water closet tank and bowl combination. 2,838,764, 6-17-58, Cl. 4-12.
- Smith, Harry J. Quick change troller. 2,820,428, 1-21-58, Cl. 115-18.

- Smith, Harvey J.: *See*—
Jenkins, George F., and Smith. 2,824,699.
- Smith, Henry M.: *See*—
Smith, George F. and H. M. 2,861,207.
- Smith, Henry M., to Hughes Aircraft Co. Virtual flood-electron source. 2,824,259, 2-18-58, Cl. 315-12.
- Smith, Henry S.: *See*—
Lincoln, Clovis W., Smith, and Zeigler. 2,827,123.
- Smith, Herbert E.: *See*—
Russell, Charles R., Schniepp, Hafner, and Smith. 2,864,828.
- Smith, Herbert L., to Benjamin Electric Mfg. Co. Fluorescent lighting fixture. 2,826,683, 3-11-58, Cl. 240-51.11.
- Smith, Herman E., to Goodman Mfg. Co. Pivoted chain guide and corner sprocket stripper for boring type mining machine. 2,823,022, 2-11-58, Cl. 262-7.
- Smith, Herschel G., and T. L. Cantrell, to Gulf Oil Corp. Lubricant containing an aliphatic amine salt of mono-alkyl ester of a dimeric acid. 2,830,021, 4-8-58, Cl. 252-34.
- Smith, Hiram B., and W. L. Schulz, to Hanksraft Co. Bottle warmer. 2,843,719, 7-15-58, Cl. 219-40.
- Smith, Hiram P., and C. C. Haas, to International Harvester Co. Planter valve mechanism. 2,840,018, 6-24-58, Cl. 111-51.
- Smith, Homer A., Jr., to Eastman Kodak Co. Exposure control for photographic printer. 2,835,165, 5-20-58, Cl. 88-24.
- Smith, Horace V., to Oil Metering and Processing Equipment Corp. Rigid buoyancy mass liquid meter. 2,853,877, 9-30-58, Cl. 73-224.
- Smith, Horace V., and G. A. Repal, to Oil Metering and Processing Equipment Corp. Snap acting mechanism. 2,818,738, 1-7-58, Cl. 74-97.
- Smith, Howard, Paper Mills Ltd.: *See*—
Griffith, Thomas R., and MacGregor. 2,857,345.
Tomlinson, George H. and George H. Tomlinson, II. 2,840,454.
- Smith, Howard A.: *See*—
Larson, Algot, and Smith. 2,825,089.
- Smith, Howard T.: *See*—
Britton, Edgar C., and Smith. 2,861,079.
- Smith, Hugh B.: *See*—
Bauman, William C., Roth, and Smith. 2,821,522.
- Smith, Hugh C., to Kalamazoo Vegetable Parchment Co. Apparatus for testing hot bleed and rub properties of printed heat sealable paper. 2,844,956, 7-29-58, Cl. 73-15.4.
- Smith, Hugh R., Jr.: *See*—
Hanks, Charles W., Hunt, and Smith. 2,848,523.
- Smith, Hugo A. G., to Weathershields Ltd. Sliding door for vehicles. 2,839,331, 6-17-58, Cl. 296-47.
- Smith, Hyrum P., and U. S. Bartmess. Boat with retractable wheels. 2,851,705, 9-16-58, Cl. 9-1.
- Smith, Ian A., to American Screw Co. Method of piercing type for hobbing punches. 2,826,940, 3-18-58, Cl. 76-107.
- Smith, Ian D. Remote controlled selector switch. 2,831,941, 4-22-58, Cl. 200-105.
- Smith, Ian A., to American Screw Co. Header die with concavity in wall portion of aperture for holding upset blank therein. 2,843,862, 7-22-58, Cl. 10-24.
- Smith, Ian A., to American Screw Co. Method of making header dies. 2,854,867, 10-7-58, Cl. 76-107.
- Smith, Ian A., and H. G. Muenchinger, to American Screw Co. Socketed screw head with uniformly offset grooves. 2,847,894, 8-19-58, Cl. 85-45.
- Smith, Ian A., and H. G. Muenchinger. Screw driver with offset wings. 2,848,024, 8-19-58, Cl. 145-50.
- Smith, Ira D., and O. Hoffman, to The Cleveland Pneumatic Tool Co. Aircraft strut construction. 2,825,553, 3-4-58, Cl. 267-64.
- Smith, Ira D., to Cleveland Pneumatic Industries, Inc. Safety device for ball screw and nut mechanism. 2,855,790, 10-14-58, Cl. 74-459.
- Smith, Irwin C.: *See*—
Thornburg, Herbert W., and Smith. 2,825,535.
- Smith, J. Harold: *See*—
Worley, Carter A. 2,828,756.
Worley, Carter A. 2,842,186.
- Smith, Jack C., to Detrex Chemical Industries, Inc. Dry cleaning apparatus. 2,836,045, 5-27-58, Cl. 68-18.
- Smith, James A., and J. D. George, to Mechanical Parking Systems, Inc. Vehicle parking elevator. 2,849,131, 8-26-58, Cl. 214-95.
- Smith, James B. Oil and gas treater. 2,863,522, 12-9-58, Cl. 183-2.7.
- Smith, James J. S., to Whitworth, Sir W. G. Armstrong & Co. (Engineers) Ltd. Multi-cylinder two-stroke cycle internal combustion engines. 2,827,027, 3-18-58, Cl. 123-59.
- Smith, James L.: *See*—
Boyle, Willard S., and Smith. 2,836,703.
Boyle, Willard S., and Smith. 2,864,054.
- Smith, James L. Automatic control system. 2,847,166, 8-12-58, Cl. 236-91.
- Smith, James L., to Bell Telephone Laboratories, Inc. Protection circuits for activated contacts. 2,864,976, 12-16-58, Cl. 317-11.
- Smith, James M., to The English Electric Co. Ltd. Pressure-charged internal combustion engines. 2,851,851, 9-16-58, Cl. 60-13.
- Smith, James V.: *See*—
Scott, Cleveland R., and Smith. 2,826,037.
- Smith, James W., to Minneapolis-Honeywell Regulator Co. Photocell mount. 2,825,819, 3-4-58, Cl. 250-239.
- Smith, Jim A.: *See*—
Jones, Cecil B. 2,843,032.
- Smith, Joel N.: *See*—
Ayres, Williams R., and Smith. 2,828,416.
- Smith, Joel N., to Radio Corp. of America. Information selection circuit. 2,854,652, 9-30-58, Cl. 340-173.
- Smith, John C.: *See*—
Bressler, Wilbur L., and Smith. 2,834,790.
Bressler, Wilbur L., and Smith. 2,839,496.
- Smith, John D., to Horn & Hardart Co. of New York. Coin controlled vending machines. 2,865,698, 12-23-58, Cl. 312-35.
- Smith, John H.: *See*—
Cameron, Daniel F., and Smith. 2,826,460.
Hook, Gerald E., and Smith. 2,857,006.
- Smith, John H. Jacking mechanism. 2,852,100, 9-16-58, Cl. 187-8.43.
- Smith, John H., to Continental Oil Co. Process of sulfonating alkyl aryl hydrocarbons. 2,863,912, 12-9-58, Cl. 260-505.
- Smith, John J.: *See*—
Mueller, Frank H., and Smith. 2,829,429.
Mueller, Frank H., and Smith. 2,834,614.
Mueller, Frank H., and Smith. 2,838,965.
Mueller, Frank H., and Smith. 2,852,967.
- Smith, John L. Meat cleaning apparatus. 2,826,772, 3-18-58, Cl. 15-3.17.
- Smith, John M., and J. A. Gay. Pre-start and auxiliary pressure oiler. 2,838,039, 6-10-58, Cl. 123-196.
- Smith, John R.: *See*—
Horelick, Arnold L., and Smith. 2,864,065.
Wheelock, George L., and Smith. 2,836,584.
- Smith, John W., to Faximile, Inc. Facsimile apparatus. 2,835,733, 5-20-58, Cl. 178-69.5.
- Smith, John W., to The English Electric Co. Ltd. Guide bearings. 2,836,472, 5-27-58, Cl. 308-134.1.
- Smith, John W., to Grass Valley Products Co. Trash burner cover unit. 2,843,064, 7-15-58, Cl. 110-18.
- Smith, John W. F., and K. H. B., to The English Electric Co. Ltd. Drag magnet for induction disc type electrical relays and instruments. 2,831,165, 4-15-58, Cl. 324-152.
- Smith, Joseph A.: *See*—
Waters, Charles E., and Smith. 2,864,685.
- Smith, Joseph A. Coin and key operated lock. 2,861,667, 11-25-58, Cl. 194-54.
- Smith, Joseph E.: *See*—
Matakas, Victor L., and Smith. 2,856,791.
- Smith, Joseph J. Self-centering transfer punch. 2,860,421, 11-18-58, Cl. 33-191.
- Smith, Joseph J. Litter retrieving cane. 2,861,835, 11-25-58, Cl. 294-19.
- Smith, Joseph J., and O. Eiermann. Holders for retaining spoons in a stacked condition. 2,829,852, 4-8-58, Cl. 248-37.3.
- Smith, Joseph M., 1/2 to A. Grazzini. Fishing gear float device. 2,853,724, 9-30-58, Cl. 9-9.
- Smith, Joshua D., and H. L. Hendricks, to Shell Development Co. Corrosion resistant lubricating grease compositions. 2,820,009, 1-14-58, Cl. 252-33.3.
- Smith, Karl F., and R. J. Van Thynne, to United States of America, Atomic Energy Commission. Jacketed reactor fuel element. 2,863,818, 12-9-58, Cl. 204-193.2.
- Smith, Keith J.: *See*—
Newcomer, Jack S., Smith, and Linder. 2,860,166.
- Smith, Kenneth A., to Imperial Chemical Industries Ltd. Diaphragm operated delivery pumps. 2,821,930, 2-4-58, Cl. 103-152.
- Smith, Kenneth D., to Bell Telephone Laboratories, Inc. Electro-optical system. 2,824,975, 2-25-58, Cl. 250-214.
- Smith, Kenneth L.: *See*—
Simson, Verne H., and Smith. 2,848,087.
- Smith Kline & French Laboratories: *See*—
Ferlauto, Robert J., and Rhodes. 2,822,314.
Figlio, Daniel. 2,821,749.
Gulesich, John J., and Marlino. 2,822,317.
Gulesich, John J., and Piersol. 2,850,429.
Kennon, Lloyd and Swintosky. 2,851,453.
Martell, George E. 2,831,301.
Pachter, Irwin J. 2,866,788.
Pachter, Irwin J., and Raffau. 2,858,251.
Rhodes, Russell E., and Sutton. 2,848,448.
Ullory, Glenn E. 2,823,206.
Whitcar, Alten E. 2,843,982.
Whitcar, Alten E. 2,857,039.
- Smith, L. C., & Corona Typewriters, Inc.: *See*—
Wade, Willard H. 2,830,688.
- Smith, L. D. Dual purpose clothing bag. 2,839,167, 6-17-58, Cl. 190-43.
- Smith, L. D. Thorough, to United States of America, Air Force. Quick release separating link for ejection seat harness. 2,861,760, 11-25-58, Cl. 244-122.
- Smith, Lawrence D., and F. Sawyer, to C. Hartwell, d. b. a. Hartwell Aviation Supply Co. Tension latch. 2,832,446, 4-29-58, Cl. 189-35.
- Smith, Lawrence J.: *See*—
Main, Leo E., Piper, and Smith. 2,850,897.
- Smith, Lawrence J., to Bell & Gossett Co. Building heating and cooling system. 2,858,077, 10-28-58, Cl. 237-49.
- Smith, Lee B.: *See*—
Miller, Charles B., and Smith. 2,864,873.

- Smith, Leigh L.: *See—*
Alderuccio, Carmelo L., Chessin, Heinrich, Poor, and Smith. 2,853,875.
- Smith, Leland L.: *See—*
Mendelssohn, Harold, Smith and Origoni. 2,864,834.
- Smith, Leo I.: *See—*
Ellis, Wayne P., Smith, and Steltz. 2,861,967.
- Smith, Leon E. Match case. 2,853,184, 9-23-58, Cl. 206-48.
- Smith, Leonard L. Tractor hitch of the automatic coupling type having connection facilitating means. 2,844,390, 7-22-58, Cl. 280-477.
- Smith, Leroy E., Jr. to E. E. Kingsley. Vehicle seats. 2,850,073, 9-2-58, Cl. 155-9.
- Smith, Leroy H., Jr., to General Electric Co. Construction for axial-flow turbomachinery. 2,846,137, 8-5-58, Cl. 230-122.
- Smith, Leslie R., to General Motors Corp. Blading assembly. 2,856,118, 10-14-58, Cl. 230-133.
- Smith, Lester L. Louver type ventilator. 2,820,407, 1-21-58, Cl. 98-121.
- Smith, Lester L. Roof type ventilator. 2,826,136, 3-11-58, Cl. 98-42.
- Smith, Lester L. Method of making louvered panels. 2,851,981, 9-16-58, Cl. 113-116.
- Smith, Lester L., and F. E. Randall; said Randall assor. to said Smith. Method of making louver type ventilators. 2,828,711, 4-1-58, Cl. 113-116.
- Smith, Lester L., and F. E. Randall; said Randall assor. to said Smith. Louver type ventilator. 2,855,841, 10-14-58, Cl. 98-121.
- Smith, Lester W., to Smith-Reisor Co., Inc. Device for separating the cases and plates of old storage batteries. 2,825,125, 3-4-58, Cl. 29-204.
- Smith, Lewis R., to Remington Corp. Air conditioner. 2,828,614, 4-1-58, Cl. 62-3.
- Smith, Lewis R., and M. A. Ambrose, to Acme Industries, Inc. Tube supporting and spacing structure for heat exchangers. 2,847,192, 8-12-58, Cl. 257-163.
- Smith, Lloyd B., to L. M. Leathers, Sons. Timing apparatus. 2,830,142, 4-8-58, Cl. 200-38.
- Smith, Lloyd B., to Esso Research and Engineering Co. Fluid coking process and apparatus. 2,862,871, 12-2-58, Cl. 208-53.
- Smith, Lofton H. Cotton cleaning system and apparatus. 2,844,847, 7-29-58, Cl. 19-67.
- Smith & Loveless, Inc.: *See—*
Loveless, Compere. 2,821,125.
- Smith, Lucius N. Boat dock. 2,842,082, 7-8-58, Cl. 114-0.5.
- Smith, Lyle J. Program reminder. 2,828,713, 4-1-58, Cl. 116-135.
- Smith, Mack F. Apparatus for casting vent pipe flashings. 2,850,778, 9-9-58, Cl. 22-152.
- Smith, Marsh E. Automatic tapping mechanism with torque responsive reversing means. 2,830,310, 4-15-58, Cl. 10-136.
- Smith, Martin R., to The M. W. Kellogg Co. Use of product gases in a fluidized conversion process. 2,859,175, 11-4-58, Cl. 208-136.
- Smith, Marvin A., to Universal Oil Products Co. Manufacture of alumina-platinum catalysts. 2,826,555, 3-11-58, Cl. 252-466.
- Smith, Maurice M.: *See—*
Sandlin, Elmore L., and Smith. 2,859,740.
- Smith-Meeker Engineering Co.: *See—*
Woodworth, Frederick B., and Hults. Re. 24,467.
- Smith, Melvin B. Illumination device. 2,819,385, 1-7-58, Cl. 240-6.
- Smith, Melvin H.: *See—*
Kelto, Rudolph E., and Smith. 2,848,663.
- Smith, Merlin G.: *See—*
Havens, Byron L., and Smith. 2,845,538.
- Smith, Merrill M., and W. C. Bleher, to American Biltrite Rubber Co., Inc. Process and apparatus for forming plastic materials. 2,835,920, 5-27-58, Cl. 18-1.
- Smith, Michael. Self-loading and unloading apparatus for motor vehicles. 2,833,428, 5-6-58, Cl. 214-75.
- Smith, Millard F. Method for oxide insulating aluminum conductors. 2,824,819, 2-25-58, Cl. 148-6.3.
- Smith, Milton B., E. C. Wallace, and L. J. Zent, to The Hettrick Mfg. Co. Umbrella tent. 2,864,389, 12-16-58, Cl. 135-2.
- Smith, Minot F.: *See—*
Meserve, Forrest C., and Smith. 2,863,507.
- Smith, Mortimer P., to North American Aviation, Inc. Engine trailer steering means. 2,820,644, 1-21-58, Cl. 280-103.
- Smith, Neil V. Pumping apparatus. 2,858,767, 11-4-58, Cl. 103-49.
- Smith-New York Co., Inc.: *See—*
Smith, Walton J. 2,848,480.
- Smith, Norman A.: *See—*
Emmons, Joseph V., and Smith. 2,859,645.
- Smith, Norman J.: *See—*
Newhouse, Walter F., Lassfolk, and Smith. 2,862,207.
- Smith, Olen E., Jr. to W. H. Rex. Cut-off valve. 2,824,572, 2-25-58, Cl. 137-464.
- Smith, Oreal R., and J. E. Powell, Jr., to The B. F. Goodrich Co. Wrinkle coating composition, article and method. 2,849,332, 8-26-58, Cl. 117-41.
- Smith, Otho W. Trailer axle spring suspension. 2,825,577, 3-4-58, Cl. 280-104.5.
- Smith, Parker S. Pouring spouts for liquids. 2,822,965, 2-11-58, Cl. 222-571.
- Smith, Paul: *See—*
Parker, Louis W., and Smith. 2,821,581.
- Smith, Paul A., to Bendix Aviation Corp. Electrohydraulic servo valve. 2,832,365, 4-29-58, Cl. 137-82.
- Smith, Paul H. Electronic computer contact and process of making same. 2,820,871, 1-21-58, Cl. 201-48.
- Smith, Paul V., Jr.: *See—*
Bartlett, Jeffrey H., and Smith. 2,842,514.
Brodey, Robert S., Smith, and Banes. 2,846,464.
Fitzgerald, William F., and Smith. 2,842,513.
- Smith, Paul V., Jr., to Esso Research and Engineering Co. Process of preparing phosphoric acid esters. 2,830,069, 4-8-58, Cl. 260-461.
- Smith, Paul W. House trailer with boat carrying recess in roof. 2,822,213, 2-4-58, Cl. 296-23.
- Smith, Perry L. Automobile valve spring tool. 2,830,360, 4-15-58, Cl. 29-218.
- Smith, Peter, to Imperial Chemical Industries Ltd. Production of aluminum alkyls. 2,863,894, 12-9-58, Cl. 260-448.
- Smith, Peter R.: *See—*
Murray, George H., and Smith. 2,822,669.
- Smith, Philip B.: *See—*
Haworth, Lionel, Smith, Blea, and Slattery. 2,825,247.
- Smith, Ralph C.: *See—*
Miller, Herbert I., and Smith. 2,820,753.
- Smith, Ralph H., to Owens-Illinois Glass Co. Stud welding apparatus. 2,857,505, 10-21-58, Cl. 219-98.
- Smith, Randiow, to The Texas Co. Solvent deasphalting. 2,850,431, 9-2-58, Cl. 196-14.6.
- Smith, Randolph W., Jr. to W. F. English, and 1/2 to C. W. English. Fine grade planer device. 2,854,767, 10-7-58, Cl. 37-108.
- Smith, Ray A. Vehicle wheel chock. 2,851,127, 9-9-58, Cl. 188-32.
- Smith, Raymond: *See—*
Heger, James J., Hodge, and Smith. 2,865,740.
- Smith, Raymond, and C. O. Tarr, to United States Steel Corp. Acid resistant austenitic stainless steel. 2,865,741, 12-23-58, Cl. 75-125.
- Smith, Raymond E., to The A. C. Gilbert Co. Toy locomotive cab contained motor and relay. 2,858,645, 11-4-58, Cl. 46-244.
- Smith, Raymond H. B.: *See—*
Smith, John W. F. and R. H. B. 2,831,165.
- Smith-Reisor Co., Inc.: *See—*
Smith, Lester W. 2,825,125.
- Smith, Richard A., to Minnesota Mining and Mfg. Co. Lubricating ink composition, process for coating a polymer surface therewith, and resulting articles. 2,866,765, 12-30-58, Cl. 260-30.4.
- Smith, Richard C., to Don Baxter, Inc. Fluid flow control. 2,844,351, 7-22-58, Cl. 251-4.
- Smith, Richard F.: *See—*
Chapin, Earl C., and Smith. 2,855,388.
- Smith, Richard G. Toy railroad accessories. 2,846,815, 8-12-58, Cl. 46-245.
- Smith, Richard J., to McGill Mfg. Co., Inc. Sealed bearing assembly. 2,852,321, 9-16-58, Cl. 308-187.2.
- Smith, Richard M.: *See—*
Ackerman, Joseph I., Jr., Edwards, Smith, Brundage, and Dwyer. 2,845,002.
- Smith, Robert C., to Diamond Alkali Co. Chemical composition for chromium plating. 2,841,540, 7-1-58, Cl. 204-51.
- Smith, Robert C., to Diamond Alkali Co. Chemical composition for chromium plating. 2,841,541, 7-1-58, Cl. 204-51.
- Smith, Robert C. Lamp with adjustable lamp shade sections. 2,841,697, 7-1-58, Cl. 240-108.
- Smith, Robert E., to Johns-Manville Corp. Reinforced plastic article. 2,862,524, 12-2-58, Cl. 138-76.
- Smith, Robert F., to Chrysler Corp. Center plane floating shoe brake. 2,828,834, 4-1-58, Cl. 188-78.
- Smith, Robert F., to General Motors Corp. Adjustable refrigerator shelf. 2,852,329, 9-16-58, Cl. 312-351.
- Smith, Robert G., to Nicholas Proprietary Ltd. Hypnotic composition comprising a barbiturate and B,B-methyl ethyl glutarimide. 2,853,418, 9-23-58, Cl. 167-52.
- Smith, Robert J., to ACF Industries, Inc. Secondary-stage throttle control for a multi-stage carburetor. 2,823,020, 2-11-58, Cl. 261-23.
- Smith, Robert K.: *See—*
Krause, Jack H., and Smith. 2,864,870.
- Smith, Robert K., to Western Electric Co., Inc. Comparison type electrical test set. 2,851,657, 9-9-58, Cl. 324-51.
- Smith, Robert L.: *See—*
Pearlman, William, and Smith. 2,837,726.
- Smith, Robert L. Means for cleaning phonograph records. 2,829,658, 4-8-58, Cl. 134-195.
- Smith, Robert L., and F. H. Frost, to S. D. Warren Co. Production of cast surfaced coated paper. 2,819,184, 1-7-58, Cl. 117-64.
- Smith, Robert M.: *See—*
Naff, Anna S., and Smith. 2,821,486.
- Smith, Robert R., to American Viscose Corp. Regenerated cellulose cordage. 2,819,988, 1-14-58, Cl. 117-145.

- Smith, Robert W. : *See*—
Counts, William E., Smith, and Schwartzwalder. 2,864,773.
Counts, William E., Smith, and Schwartzwalder. 2,864,854.
Schwartzwalder, Karl, and Smith. 2,837,679.
Stirn, Henry G., Smith, and Stirn. 2,841,264.
Smith, Robert W. Bicycle toe clip. 2,831,370, 4-22-58, Cl. 74—594.6.
Smith, Robert W., to Dresser-Ideco Co. Vehicle-handling and transfer dolly for mechanical parking garages. 2,846,186, 8-5-58, Cl. 254—2.
Smith, Roger M. : *See*—
Kimsey, Woodrow P., Smith, and Stroot. 2,831,275.
Smith, Roland W., to Radio Corp. of America. Rectifier. 2,854,611, 9-30-58, Cl. 317—237.
Smith, Roland W., to Radio Corp. of America. Electrical storage tube. 2,864,031, 12-9-58, Cl. 315—12.
Smith, Rolf M., to General Motors Corp. Refrigerating apparatus. 2,856,119, 10-14-58, Cl. 230—145.
Smith, Ronald F. : *See*—
Stone, Richard H., and Smith. 2,862,720.
Smith, Russell C. : *See*—
Kroeckel, Alfred J., and Smith. 2,857,143.
Kroeckel, Alfred J., and Smith. 2,857,535.
Smith, Russell G., to The Wm. Powell Co. Closure for pressure vessels. 2,842,283, 7-8-58, Cl. 220—41.
Smith, Russell H. : *See*—
Funderburk, George O., Johnson, and Smith. 2,833,722.
Smith, Ruten E. : *See*—
Wempe, Kenneth A., and Smith. 2,823,130.
Smith, Roy L. Fireside broiler. 2,826,982, 3-18-58, Cl. 99—393.
Smith, Roy R. Oil burning heater structure. 2,848,991, 8-26-58, Cl. 126—94.
Smith, Roy W. : *See*—
Canfield, William E., and Smith. 2,818,790.
Smith, S. Morgan, Co. : *See*—
Vouden, Grant H. 2,824,716.
Smith, Sidney R., Jr. : *See*—
Carpenter, Thomas J., and Smith. 2,834,855.
Charewicz, Francis J., and Smith. 2,834,856.
Smith, Sidney R., Jr., to General Electric Co. Enclosed cut-out having a load break device. 2,820,867, 1-21-58, Cl. 200—114.
Smith, Sidney R., Jr., to General Electric Co. Cutout support insulator. 2,821,568, 1-28-58, Cl. 174—139.
Smith, Sidney T. : *See*—
Koda, Nobuo J., and Smith. 2,858,463.
Smith, Stanley E. Canopy frame. 2,832,361, 4-29-58, Cl. 135—7.1.
Smith, Stanley F. : *See*—
Thomas, Reginald J., and Smith. 2,821,120.
Smith, Stanley J., to Simmonds Aerosecurities, Inc. Servo-system with disc type servomotor. 2,848,669, 8-19-58, Cl. 318—28.
Smith, Stanley W., to Bell Aircraft Corp. Airfoil hinge jet nozzle device. 2,840,324, 6-24-58, Cl. 244—52.
Smith, Stanton B. : *See*—
Gillmore, Donald W., Grant, and Smith. 2,822,304.
Smith, Sterling F. Accumulator heat exchanger. 2,819,592, 1-14-58, Cl. 62—117.55.
Smith, Steve R. : *See*—
Rockoff, Howard W., and Smith. 2,831,371.
Smith, T. & H., Ltd. : *See*—
Broberg, Leonard E. 2,854,224.
Johnston, Robert G., and Spencer. 2,828,312.
Masek, John A. 2,865,616.
Smith, T. J., & Nephew Ltd. : *See*—
Drain, David J., and Williams. 2,819,273.
Smith, Telford L. Sleeve type pipe coupling with means to prevent pinching of the gaskets. 2,853,318, 9-23-58, Cl. 285—341.
Smith, Telford L. Pipe clamp or coupling and lug units therefor. 2,853,762, 9-30-58, Cl. 24—279.
Smith, Telford L., and P. G. Dunmire, to Smith-Blair, Inc. Pipe clamp or coupling and lug members therefor. 2,834,086, 5-13-58, Cl. 24—279.
Smith, Thomas A., to United States of America, Navy. Transilluminated dial. 2,847,970, 8-19-58, Cl. 116—129.
Smith, Thomas B., to Simoniz Co. Wax and shellac polishing composition. 2,859,123, 11-4-58, Cl. 106—6.
Smith, Thomas C. : *See*—
Burg, Solomon, and Smith. 2,837,026.
Smith, Thomas R., to The Maytag Co. Wobble plate laundry machine. 2,831,333, 4-22-58, Cl. 68—131.
Smith, Thomas R., to The Maytag Co. Means for treating fabrics. 2,833,056, 5-6-58, Cl. 34—45.
Smith, Thomas R., to The Maytag Co. Tumbler type washing machines. 2,836,046, 5-27-58, Cl. 68—24.
Smith, Thomas R., to The Maytag Co. Balancing ring system for rotatable receptacles. 2,836,083, 5-27-58, Cl. 74—573.
Smith, Thomas R., to The Maytag Co. Control apparatus. 2,849,559, 8-26-58, Cl. 200—80.
Smith, Thomas R., to The Maytag Co. Sediment removal tub assembly. 2,854,144, 9-30-58, Cl. 210—382.
Smith, Thomas R., to The Maytag Co. Combined clothes washing machine and fluid extractor. 2,858,688, 11-4-58, Cl. 68—20.
Smith, Vaughn K. Universal ventilating shade device. 2,856,840, 10-21-58, Cl. 98—88.
Smith, W. Ralph : *See*—
Cookson, Leonard T., and Smith. 2,855,128.
Smith, Waldo W. : *See*—
Prince, Harry T., and Smith. 2,833,136.
Smith, Walter C. : *See*—
Brancaccio, Silvere, and Smith. 2,860,645.
Smith, Walter K., to Esso Research and Engineering Co. Flare stack ignition. 2,830,658, 4-15-58, Cl. 158—115.
Smith, Walton J., to Smith-New York Co., Inc. Production of keto esters. 2,848,480, 8-19-58, Cl. 260—483.
Smith, Warren H., to General Motors Corp. Free piston engine. 2,839,911, 6-24-58, Cl. 60—97.
Smith, Warren L., M. F. Potts, and P. S. Hudson, to Phillips Petroleum Co. Stabilization of polymerizable heterocyclic nitrogen compounds. 2,824,105, 2-18-58, Cl. 260—290.
Smith, Warren L. and F. J. Seed tape planter. 2,843,068, 7-15-58, Cl. 111—5.
Smith, Waverly Q., to United States of America, Atomic Energy Commission. Means for determining centrifuge alignment. 2,848,817, 8-26-58, Cl. 33—172.
Smith, Wendell O., to Corning Glass Works. Method of drying leached porous high silica glass. 2,861,351, 11-25-58, Cl. 34—7.
Smith, Wendell V. : *See*—
Garner, Harold K., Jordan, and Smith. 2,815,401.
Smith, Wesley S., to Collins Radio Co. Pigtail forming tool with slide ram. 2,824,473, 2-25-58, Cl. 81—15.
Smith and Wesson Inc. : *See*—
Norman, Joseph W. 2,846,925.
Smith, Wilbur C., and H. F. Mason, to Worthington Corp. Absorption refrigeration apparatus. 2,855,765, 10-14-58, Cl. 62—485.
Smith, William, and A. D. Cederbaum. Illuminating comparator. 2,827,562, 3-18-58, Cl. 240—41.
Smith, William A., V. L. Mattson, and G. Meyer, to The American Metal Co., Ltd. Split circuit potash ore flotation concentration. 2,836,297, 5-27-58, Cl. 209—166.
Smith, William A., V. L. Mattson, G. Meyer, and R. A. Baxter, to American Metal Climax, Inc. Concentration of potash ores containing sylvite. 2,846,068, 8-5-58, Cl. 209—166.
Smith, William B., and W. R. Donsbach, to Westinghouse Electric Corp. Pulse circuit. 2,853,608, 9-23-58, Cl. 250—27.
Smith, William C., to W. C. Ritchie and Co. Carton. 2,854,181, 9-30-58, Cl. 229—27.
Smith, William C. Locking mechanism for sliding fifth wheel of trucks. 2,854,250, 9-30-58, Cl. 280—407.
Smith, William C., to E. I. du Pont de Nemours and Co. Reaction of SF₆ with organic compounds containing a carbonyl radical. 2,859,245, 11-4-58, Cl. 260—544.
Smith, William C., to E. I. du Pont de Nemours and Co. Novel iminosulfur difluorides and their preparation. 2,862,029, 11-25-58, Cl. 260—543.
Smith, William C. G. : *See*—
Lambert, Derek J., and Smith. 2,852,213.
Smith, William G., to Airtek Dynamics, Inc. Machine guns with two section firing chambers. 2,851,927, 9-16-58, Cl. 89—33.
Smith, William G., and B. J. Dennison, to Pittsburgh Plate Glass Co. Preliminary pressing of bent glass assemblies. 2,849,345, 8-26-58, Cl. 154—27.
Smith, William H. Boilers. 2,835,216, 5-20-58, Cl. 110—165.
Smith, William H. Boilers. 2,845,905, 8-5-58, Cl. 122—30.
Smith, William H., to Trianco Ltd. Release devices for traction mechanisms. 2,858,161, 10-28-58, Cl. 294—83.
Smith, William H. Retractable safety belt. 2,861,627, 11-25-58, Cl. 155—189.
Smith, William J., to E. I. du Pont de Nemours and Co. Air heater. 2,828,946, 4-1-58, Cl. 257—216.
Smith, William J., to S & S Vending Machine Co. Vending machine. 2,865,532, 12-23-58, Cl. 221—13.
Smith, William M., Jr. : *See*—
Reid, Robert J., Smith, and Werner. 2,859,089.
Reid, Robert J., Smith, and Werner. 2,859,194.
Reid, Robert J., Smith, and Werner. 2,859,195.
Reid, Robert J., Smith, and Werner. 2,859,196.
Reid, Robert J., Smith, and Werner. 2,859,197.
Smith, William M., Jr., to The Firestone Tire & Rubber Co. Heat sealing of polyethylene terephthalate films. 2,849,359, 8-26-58, Cl. 154—139.
Smith, William O., to United States of America as represented by the Secretary of the Navy. Grid-type wave guide attenuator. 2,821,687, 1-28-58, Cl. 333—81.
Smith, William O. Concrete screed. 2,866,394, 12-30-58, Cl. 94—45.
Smith, William R., to The A. C. Gilbert Co. Vibrator operated load and signal system. 2,826,996, 3-18-58, Cl. 104—150.
Smith, William R., to McDonough Power Equipment, Inc. Movable engine mount for lawn mowers. 2,857,726, 10-28-58, Cl. 56—25.4.
Smith, William R., and G. R. Monaco, to The A. C. Gilbert Co. Lumber unloading toy freight car. 2,844,911, 7-20-58, Cl. 46—40.
Smith, William R., and G. R. Monaco, to The A. C. Gilbert Co. Reversing forward travel in vibration operated toy. 2,859,556, 11-11-58, Cl. 46—245.
Smith, William R., and G. R. Monaco, to The A. C. Gilbert Co. Toy caboose with animated flagman. 2,861,391, 11-25-58, Cl. 46—245.
Smith, William S., and D. W. Van Slyke, to C. A. Rising. Retractable ladder. 2,860,822, 11-18-58, Cl. 228—17.3.

- Smith, Winthrop C.: *See*—
Wiese, Herbert K., and Smith. 2,833,748.
Wilson, Howard L., Robison, and Smith. 2,825,675.
- Smith, Winthrop C., to Esso Research and Engineering Co. Method of vulcanizing butyl rubber and product resulting therefrom. 2,837,357, 10-21-58, Cl. 260—43.
- Smithburn, George E. Cultivator for garden tractor. 2,824,506, 2-25-58, Cl. 97—40.
- Smithburn, George E. Garden cultivator. 2,835,182, 5-20-58, Cl. 97—40.
- Smith, F. L. Machine Co., Inc.: *See*—
Novick, Abraham. 2,830,508.
- Smitherman, Eugene A. Typewriter with magnetically retained platen. 2,855,084, 10-7-58, Cl. 197—145.
- Smithers, Bernard C.: *See*—
Orloff, George and Smithers. 2,843,434.
- Smithers, V. L. Mfg. Co., The: *See*—
Smithers, Vernon L. 2,860,768.
- Smithers, Vernon L., to The V. L. Smithers Mfg. Co. Packaging of fragile objects. 2,860,768, 11-18-58, Cl. 206—46.
- Smithies, Henry: *See*—
Munger, Stanley H., Smithies, and Whitfield. 2,838,794.
- Smiths America Corp.: *See*—
Clarke, Edwin L. 2,840,778.
Meredith, Frederick W., and Majendie. 2,863,142.
Steadman, Clifford S. 2,840,775.
- Smith's, John E., Sons Co.: *See*—
Schaller Harold E. 2,851,073.
- Smithson, Harold R., to Esco Cabinet Co. Refrigeration cabinet. 2,838,917, 6-17-58, Cl. 62—117.4.
- Smith-Vaniz, William R., Jr., to C. G. S. Laboratories, Inc. Automatic frequency control. 2,839,684, 6-17-58, Cl. 250—36.
- Smitley, Marion L., to Holley Carburetor Co. Automatic control of the distributor of an internal combustion engine. 2,827,889, 3-25-58, Cl. 123—117.
- Smitley, Wayne C.: *See*—
Brown, Leonard, Migliorini, Lenz, and Smitley. 2,821,158.
- Smits, Friedolf M., to Bell Telephone Laboratories, Inc. Process for vapor-solid diffusion of a conductivity-type determining impurity in semiconductors. 2,734,697, 5-13-58, Cl. 148—15.
- Smits, Hubertus J.: *See*—
Nieswaag, Johannes, and Smits. 2,844,761.
- Smits, Vernon C. Radio Corp. of America. Microwave power measurement device. 2,866,950, 12-30-58, Cl. 333—22.
- Smits, Wytze B., to Smitsvank, N. V. Ignition apparatus for liquid fuels especially for oil burner boilers. 2,826,721, 3-11-58, Cl. 317—83.
- Smits, Wytze B. Surface discharge spark plug. 2,836,756, 5-27-58, Cl. 313—131.
- Smits, Wytze B., to Smitsvank, N. V. Low tension ignition system including light weight magneto. 2,863,099, 12-2-58, Cl. 315—218.
- Smits, Wytze B., to Smitsvank, N. V. Research Laboratorium. Ignition system for internal combustion engines. 2,864,974, 12-16-58, Cl. 315—214.
- Smitsvank, N. V.: *See*—
Smits, Wytze B. 2,826,721.
Smits, Wytze B. 2,863,099.
- Smitsvank, N. V. Research Laboratorium: *See*—
Smits, Wytze B. 2,864,974.
- Smitzer, Louis A., to Ditto, Inc. Clutch and brake mechanism. 2,825,434, 3-4-58, Cl. 192—18.
- Smock, Raymond L.: *See*—
Bransford, Leonard. 2,851,009.
- Smolensky, Michael. Plug valve. 2,843,352, 7-15-58, Cl. 251—165.
- Smolensky, Michael. Pneumatic check valve. 2,856,956, 10-21-58, Cl. 137—512.1.
- Smolensky, Michael. Foreshortened check valve construction. 2,856,958, 10-21-58, Cl. 137—542.
- Smolin, Edwin M.: *See*—
Saunders, Kenneth W., and Smolin. 2,864,872.
Saunders, Kenneth W., Smolin, and Longfield. 2,846,479.
- Smolin, Edwin M., to American Cyanamid Co. Separation of mercury from sulfuric acid. 2,832,810, 4-29-58, Cl. 260—668.
- Smolin, Edwin M., K. W. Saunders, and D. R. May, to American Cyanamid Co. Halogen nuclear substituted diaryl paraffins. 2,846,478, 8-5-58, Cl. 260—649.
- Snell, Allen E., to General Electric Co. Coupling device for wave transmission systems. 2,831,168, 4-15-58, Cl. 333—11.
- Smoll, Allen E., to General Electric Co. Dual frequency rotatable joint. 2,853,681, 9-23-58, Cl. 333—6.
- Smoot, Arren F., and H. S. Swithers, to Century Engineers, Inc. Pressure release detent. 2,830,497, 4-15-58, Cl. 89—17.
- Smoot, Charles H., to Republic Flow Meters Co. Electrical control circuit. 2,825,825, 3-4-58, Cl. 307—149.
- Smoyak, William. Spring urged crossed-arm pliers. 2,827,815, 3-25-58, Cl. 81—417.
- Snarekar, Larry F., to The Balas Collet Mfg. Co. Pusher device having adjustable tension. 2,833,545, 5-6-58, Cl. 279—47.
- Smucker, Robert E.: *See*—
Harrison, James M., and Smucker. 2,860,374.
- Smucker, Robert E., and J. M. Harrison, to Crown Machine and Tool Co. Plastic molding machines. 2,828,509, 4-1-58, Cl. 18—30.
- Smull, Judson G., to National Lead Co. Separation of fatty acids. 2,858,324, 10-28-58, Cl. 260—419.
- Smullin, Louis D., and G. C. Dewey, to International Standard Electric Corp. Traveling wave amplifier tube. Re. 24,460, 4-15-58, Cl. 315—3.5.
- Smullin, Louis D., to Sylvania Electric Products Inc. Microwave tube with resonant discharge gap. 2,845,577, 7-29-58, Cl. 315—41.
- Smura, Edwin J., to International Business Machines Corp. Beam intensity control. 2,861,214, 11-18-58, Cl. 315—11.
- Smurik, Joseph. Jet airplane construction. 2,821,350, 1-28-58, Cl. 244—15.
- Smutz, Morton: *See*—
Welt, Martin A., and Smutz. 2,849,286.
- Smyers, Frank C., G. B. Lantz, and F. C. Mathers, to United States Smelting Refining and Mining Co. Electrolytic refining of lead. 2,827,410, 3-18-58, Cl. 204—114.
- Smylie, Joseph R.: *See*—
Pezzillo, Albert R. 2,857,849.
- Smyser, Elmer D. Improved fluid motor. 2,853,978, 9-30-58, Cl. 121—95.
- Smyth, John A.: *See*—
Wright, Walter W., Smyth, and Mills. 2,854,601.
- Smyth, Donald M., G. A. Shirm, and K. Lehovec, to Sprague Electric Co. Battery. 2,847,493, 8-12-58, Cl. 136—83.
- Smyth, Gordon R., to Rubber Products, Inc. Electric clock. 2,843,999, 7-22-58, Cl. 58—2.
- Smyth Mfg. Co., The: *See*—
Schramm, Carl. 2,842,254.
- Smyth, Rex W.: *See*—
Gwynn, Bernard H., Smyth, and Ward. 2,843,632.
- Smythe, Carl V.: *See*—
Huang, Hsing T., and Smythe. 2,832,688.
- Smythe, Edwin T., to The Aircraft Venetian Blind Mfg. Co. of St. Louis. Roll-up blind. 2,862,551, 12-2-58, Cl. 160—231.
- Smythe, Edwin T., and S. F. Murphy, to Washington Steel Products, Inc. Door and drawer pull. 2,835,917, 5-27-58, Cl. 16—124.
- Snap-On Tools Corp.: *See*—
Knudsen, Raymond G. 2,830,450.
Larson, Kenneth R. 2,852,972.
Walraven, George M., and Kuehl. 2,823,542.
- Snap-Tite, Inc.: *See*—
Clark, Malcolm S. 2,839,314.
Clark, Malcolm S. 2,850,297.
Clark, Malcolm S. 2,850,298.
Clark, Malcolm S. 2,854,259.
Clark, Malcolm S. 2,860,893.
- Snap, Edwin A., Jr. Card clothing grinding head. 2,849,844, 9-2-58, Cl. 51—242.
- Snarr, Grover W. Arithmetic teaching aid. 2,866,278, 12-30-58, Cl. 35—31.
- Snarr, James L., and M. G. Brown, to Atomic Energy of Canada, Ltd. Beam therapy diaphragm. 2,836,729, 5-27-58, Cl. 250—105.
- Sneed, James K., to E. I. du Pont de Nemours and Co. Textile treatment. 2,820,724, 1-21-58, Cl. 117—139.5.
- Sneide, Milford A. Diving figure toy. 2,818,677, 1-7-58, Cl. 46—116.
- Snell, Arthur H., and S. K. Allison, to the United States of America as represented by the United States Atomic Energy Commission. Detection of coating failures in a neutronic reactor. 2,823,179, 2-11-58, Cl. 204—193.2.
- Snell, J. Kirk, to General Electric Co. Contour controlling tracing head. 2,820,162, 1-14-58, Cl. 310—75.
- Snell, John B., to J. C. Hockery, trustee, and H. J. and F. L. Talge. Coupling-and-locking mechanism for kitchen devices. 2,844,400, 7-22-58, Cl. 287—103.
- Snell, Junius F., to Chas. Pfizer & Co., Inc. Radioactive antibiotic. 2,843,526, 7-15-58, Cl. 195—80.
- Snell, Neva S.: *See*—
Alderton, Gordon, and Snell. 2,850,427.
- Snell, Robert B., to Minnesota Mining & Mfg. Co. Plastic filler in strip form and electrical connections coated therewith. 2,864,882, 12-16-58, Cl. 174—84.
- Snell, William G.: *See*—
Daschke, Arthur W., and Snell. 2,853,677.
- Snellgrove, Frank: *See*—
Simpkins, Walter F. 2,839,326.
Simpkins, Walter F. 2,839,327.
Simpkins, Walter F. 2,839,330.
- Snelling, William C.: *See*—
Scott, Howard A., Snelling, and Young. 2,825,145.
- Sneyd-Kynnersley, Thomas R. Devices for facilitating the manual transportation or portage of luggage. 2,845,155, 7-29-58, Cl. 190—57.
- Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa: *See*—
Sicari, Francesco, and Bellano. 2,847,271.
- Snider, Harry W. Self setting rodent trap. 2,825,995, 3-11-58, Cl. 43—69.
- Snider, Robert H.: *See*—
Pollard, Leon G., Delbert, Turner, and Snider. 2,824,902.
- Sniffin, Edgar J.: *See*—
Breza, Cyril J., and Sniffin. 2,853,334.
- Snijders, Antonie: *See*—
Oberman, Roelof M. M., and Snijders. 2,820,102.
- Snijders, Antonie, to Staatsbedrijf der Posterijen, Telegrafie en Telefonie. Electronic transmitter, receiver and regenerative repeater for telegraph signals in a start-stop code. 2,842,616, 7-8-58, Cl. 178—53.1.

- Snijders, Antonie, to Staatsbedrijf der Posterijen, Telephonie En Telefonie. Regenerative repeater system. 2,850,567, 9-2-58, Cl. 178—53.1.
- Snitker, Jens C., $\frac{1}{2}$ to S. Clausen. Fire-retarding board. 2,844,501, 7-22-58, Cl. 154—44.
- Suively, Andrew J., to Bundy Tubing Co. Tubing made from strip metal stock. 2,866,480, 12-30-58, Cl. 138—74.
- Snoddy, Calvin S., Jr.: *See—*
Graber, Robert P., and Snoddy. 2,838,493.
- Graber, Robert P., Wendler, and Snoddy. 2,833,795.
- Snoddy, Max E. Automatic control for sprinkler systems. 2,851,099, 9-9-58, Cl. 161—1.
- Snodgrass, Harold C. Hearth heater. 2,828,078, 3-25-58, Cl. 237—51.
- Snodgrass, James H.: *See—*
Kraft, Robert E., and Snodgrass. 2,851,148.
- Snodgrass, Reuben P., to Sperry Rand Corp. Flight indicating system. 2,823,464, 2-18-58, Cl. 33—204.
- Snow, Carl W., A. L. Sweigart, and G. H. Smith, to United Carbon Co., Inc. (Maryland). Injector. 2,862,545, 12-2-58, Cl. 150—11.
- Snow, Donald L., and P. H. Kafitz, to Varian Associates. High frequency cavity resonator tuner structure. 2,824,258, 2-18-58, Cl. 315—5.21.
- Snow, Douglas G., to G. E. Nelson. Fluid coupling. 2,841,959, 7-8-58, Cl. 60—54.
- Snow, Frederick O., Jr., to McKiernan-Terry Corp. Continuous rope unloading system. Re. 2,4524, 8-26-58, Cl. 212—81.
- Snow, Frederick O., Jr., to McKiernan-Terry Corp. Rail clamps for traveling bridges, overhead cranes, towers and the like. 2,856,030, 10-14-58, Cl. 188—43.
- Snow, Frederick O., Jr., to McKiernan-Terry Corp. Grab having the shells connected by enclosed lubricated slide bars. 2,862,316, 12-2-58, Cl. 37—187.
- Snow Gates & Valves, Inc.: *See—*
Castera, George. 2,833,513.
- Snow, Gerald A., to Whitin Machine Works. Apparatus for loading bobbins on pin-boards. 2,846,833, 8-12-58, Cl. 53—160.
- Snow, Hal O.: *See—*
Chavis, George D., and Snow. 2,852,955.
- Snow, Henry J., and R. W. Kendrick, to Owens-Corning Fiberglass Corp. Method and apparatus of forming and processing fibers. 2,863,493, 12-9-58, Cl. 154—29.
- Snow, John E., to Heyden Newport Chemical Corp. Process for the continuous preparation of benzyl chloride. 2,859,253, 11-4-58, Cl. 260—651.
- Snow, John E., to Acme Precision Products, Inc. Lifter strap for aircraft barriers. 2,859,928, 11-11-58, Cl. 244—110.
- Snow, John E. Pneumatic energy absorber for aircraft barriers. 2,860,732, 11-18-58, Cl. 188—87.
- Snow-Nabstedt Gear Corp., The: *See—*
Gorsbkoff, Alexis S. 2,841,023.
- Nabstedt, Arthur T., and Gorsbkoff. 2,825,236.
- Snow, T. W., Construction Co.: *See—*
Rieser, Douglas A. 2,831,732.
- Snow, Thomas W., to United Shoe Machinery Corp. Machines for straightening and bundling components. 2,858,873, 11-4-58, Cl. 153—32.
- Snow, William B. Stereophonic reproduction control apparatus. 2,831,069, 4-15-58, Cl. 179—100.2.
- Snowball, John R.: *See—*
Edrich, Paul, Foltzer, Henry, Koslo, Meyer, Osterhus, Richards, Snowball, and Tittle. 2,864,293.
- Snoy, Joseph B.: *See—*
Richards, Elmer A., and Snoy. 2,821,992.
- Snyder, Alton G., to The National Cash Register Co. Key-responsive calculating machine with automatic repeat mechanism. 2,838,235, 6-10-58, Cl. 235—62.
- Snyder, Blake: *See—*
Krehl, Willard A., and Snyder. 2,860,051.
- Snyder, Charles W. Brake for roller skates. 2,826,422, 3-11-58, Cl. 280—11.2.
- Snyder, Clifford H. Dispensers for solids and liquids. 2,857,202, 10-21-58, Cl. 299—84.
- Snyder, Edward H., Jr. Process of concentrating ores by selective froth flotation. 2,825,458, 3-4-58, Cl. 209—166.
- Snyder, Ellery, and J. F. Emerson, to United States of America as represented by the Secretary of the Navy. Gyro erection system with thermal integration. 2,825,229, 3-4-58, Cl. 74—5.47.
- Snyder, Elmer L. Stock tank heater. 2,838,649, 6-10-58, Cl. 219—38.
- Snyder, Ernest B. Blast furnace spray cooling means with disposal shed. 2,859,030, 11-4-58, Cl. 266—32.
- Snyder, Ernest F., to Begg Oil Tool Rentals, Inc. Sand removing apparatus. 2,840,240, 6-24-58, Cl. 210—512.
- Snyder, Francis H. Production of sugars from wood products. 2,835,611, 5-20-58, Cl. 127—37.
- Snyder, Francis H., to Dendrol, Inc. Preparation of hydroxymethylfurfural from cellulosic materials. 2,851,468, 9-9-58, Cl. 260—347.8.
- Snyder, Frank D., to The B. F. Goodrich Co. Tensile testing apparatus. 2,857,758, 10-28-58, Cl. 73—89.
- Snyder, Frederick D., to Westinghouse Electric Corp. Two-speed output gearmotor. 2,836,085, 5-27-58, Cl. 74—812.
- Snyder, Glenn M., to Landis Tool Co. Locator. 2,820,332, 1-21-58, Cl. 51—105.
- Snyder, Glenn M., to Landis Tool Co. Loading and unloading structure with article ejector. 2,826,017, 3-11-58, Cl. 51—215.
- Snyder, Harold M., and B. L. Brucken, to General Motors Corp. Domestic appliance. 2,824,206, 2-18-58, Cl. 219—37.
- Snyder, Harold R., to Phillips Petroleum Co. Heterocyclic nitrogen compound polymer inhibitors. 2,862,927, 12-2-58, Cl. 260—290.
- Snyder, Henry W., to Minneapolis-Honeywell Regulator Co. Non-linear velocity servosystem and generator. 2,851,650, 9-9-58, Cl. 318—327.
- Snyder, Herbert H. Hardware for connecting the legs of a sawhorse. 2,829,012, 4-1-58, Cl. 304—5.
- Snyder, Herman. Alarm system. 2,832,950, 4-29-58, Cl. 340—258.
- Snyder, Howard B. Burner. 2,843,197, 7-15-58, Cl. 158—28.
- Snyder, Howard E. Fishing lure. 2,861,381, 11-25-58, Cl. 43—42.36.
- Snyder, Jackson S., and M. F. Slowinski, to Union Carbide Corp. Process for making welding rods. 2,819,502, 1-14-58, Cl. 22—200.
- Snyder, Jacob K., to Thompson Products, Inc. Pump mounting for a synthetic rubber fuel cell. 2,819,680, 1-14-58, Cl. 103—218.
- Snyder, Jacob R., to Thompson Products, Inc. Quick disconnect coupling. 2,834,613, 5-13-58, Cl. 284—11.
- Snyder, Jacob R., and J. E. Taylor, to Thompson Products, Inc. Annular metal seal. 2,819,920, 1-14-58, Cl. 288—30.
- Snyder, James, to United States of America, Army. Deflection method for cathode-ray tube. 2,837,730, 6-3-58, Cl. 340—16.
- Snyder, James E.: *See—*
Swartz, Ruby J., and Snyder. 2,835,433.
- Snyder, John A.: *See—*
Finlay, Walter L., Clark, and Snyder. 2,829,974.
- Snyder, Jordan P. Method of oxidizing and cleaving compounds to form acidic products. 2,862,942, 12-2-58, Cl. 260—413.
- Snyder, Joseph J.: *See—*
Clow, Raymond W., and Snyder. 2,858,064.
- Snyder, Marvin E.: *See—*
Seely, Richard E., and Snyder. 2,844,778.
- Snyder, Paul E., to Callery Chemical Co. Process for the preparation of boron trisulfide. 2,866,687, 12-30-58, Cl. 23—206.
- Snyder, Rawson R., to The Texas Co. Method and composition for inhibiting corrosion. 2,835,599, 5-20-58, Cl. 106—141.
- Snyder, Richard F. Pellet dispensing devices. 2,838,204, 6-10-58, Cl. 221—307.
- Snyder, Richard L. Saturable reactance circuits. 2,849,624, 8-26-58, Cl. 307—88.
- Snyder, Robert H., and P. O. Tawney, to United States Rubber Co. Esters of N-carbamylamic acids from alpha olefinic alkene dioic acid anhydrides. 2,854,438, 9-30-58, Cl. 260—75.
- Snyder, Rodney H., to Industrial Rayon Corp. Apparatus for the liquid treatment of thread and the like. 2,850,889, 9-9-58, Cl. 68—205.
- Snyder, Roland S. Portable lectern. 2,820,686, 1-21-58, Cl. 312—282.
- Snyder, William N. Burial capsule. 2,835,955, 5-27-58, Cl. 27—17.
- Snyder, William S., and F. W. Willardson, to Sylvania Electric Products Inc. Voltage regulator. 2,841,759, 7-1-58, Cl. 323—66.
- Soave, Marco. Work holding attachment for grinders. 2,865,149, 12-23-58, Cl. 51—217.
- Sobeck, Harold R.: *See—*
Walton, George M., Slater, Brown, and Sobeck. 2,822,926.
- Sobel, Henry L. Blanket. 2,832,967, 5-6-58, Cl. 5—354.
- Sobelman, Sidney. Device for producing electric current in a rapidly rotating device. 2,825,283, 3-4-58, Cl. 102—70.2.
- Sobelman, Sidney, to the United States of America as represented by the Secretary of the Army. Magnetic delayed arming device for fuses and boosters. 2,824,517, 2-25-58, Cl. 102—79.
- Sobelson, Marion R. Diaper. 2,866,459, 12-30-58, Cl. 128—284.
- Sobesky, John C., to Office Products, Inc. Label holder. 2,862,318, 12-2-58, Cl. 40—11.
- Sobisch, Johannes, to Anker-Werke Aktiengesellschaft. Record feeder device for accounting machines, particularly punched-card machines. 2,825,561, 3-4-58, Cl. 271—3.
- Sobocinski, Gustave C., to General Telephone Laboratories, Inc. Wire twisting device. 2,854,036, 9-30-58, Cl. 140—149.
- Sobotka, Harry: *See—*
Stern, Kurt G. 2,842,577.
- Sobotka, Harry, S. H. Hutner, and H. Baker, to United States of America, Navy. Medium and method for the mass culture of microorganisms. 2,844,515, 7-22-58, Cl. 195—100.
- Sobsey, Julius: *See—*
Fletcher, Murray J., and Sobsey. 2,866,267.
- Soc. Guistal: *See—*
Levi, Nino. 2,829,000.
- Socapex-Ponsot: *See—*
Bonnaffous, Maurice. 2,862,070.
- Sochor, John J. Process for treating gas containing fluid. 2,865,470, 12-23-58, Cl. 183—114.5.
- Sociedad Regular Colectiva J. y. L. Cervello: *See—*
Bach, Jose C. 2,840,277.

- Societa Anonima Italiana Colori e Affini: *See*—
Sertorio, Francesco. 2,828,180.
- Società Applicazioni Gomma Antivibranti S. A. G. A. Società per Azioni: *See*—
Boschi, Antonio. 2,822,164.
Boschi, Antonio. 2,822,165.
Boschi, Antonio. 2,854,232.
Nardi, Pierluigi. 2,842,358.
- Società Edison S. p. A.: *See*—
Malusa, Giorgio, and Rossini. 2,846,443.
- Società Farmaceutici Italia: *See*—
Alberti, Carlo G., Bernardi, Larini, and Vercellone. 2,824,878.
Alberti, Carlo G., Vercellone, Larini, and Bernardi. 2,848,494.
Camerino, Bruno, Patelli, and Vercellone. 2,842,571.
Camerino, Bruno, and Vercellone. 2,866,736.
Panizzi, Luigi, Scarpati, and Oriente. 2,863,909.
Vercellone, Alberto, and Fasini. 2,848,481.
- Società Finanziaria Siderurgica Finsider S. p. A.: *See*—
Carli, Adriano. 2,865,733.
- Società per Azioni Bassani: *See*—
Bassani, Luigi. 2,850,724.
- Società per Azioni Fabbriche Fiammiferi Ed Affini: *See*—
Villoresi, Camillo. 2,826,239.
- Società r. l. A. P. I.: *See*—
Bianchi, Costanzo. 2,836,436.
- Società Telefonica Interregionale Piemontese e Lombarda: *See*—
Tamburelli, Giovanni. 2,855,575.
- Société a Responsabilité Limitée dite: M. I. C. (Mechanique, Industrie, Chimie): *See*—
Pasquali, Jean. 2,823,929.
- Société a Responsabilité Limitée Recherches Etudes Production R. E. P.: *See*—
Boulet, Georges. 2,855,214.
Lucien, Rene. 2,840,715.
- Société Alsacienne de Constructions Mecaniques: *See*—
Audemar, Pierre. 2,820,681.
Audemar, Pierre. 2,844,418.
Audemar, Pierre. 2,846,208.
Audemar, Pierre. 2,862,360.
Pages, André P. 2,833,855.
Ville, Jean A. 2,833,856.
- Société Anonyme Adolphe Saurer: *See*—
Frei, Josef. 2,857,779.
Wiget, Georg, and Dubs. 2,836,202.
- Société Anonyme Andre Citroen: *See*—
Brueder, Antoine. 2,825,320.
Brueder, Antoine. 2,828,138.
Brueder, Antoine. 2,836,431.
Brueder, Antoine. 2,844,012.
Brueder, Antoine. 2,852,708.
Brueder, Antoine. 2,862,722.
- Société Anonyme Ateliers de Constructions Electriques de Charleroi: *See*—
Gravet, Simone nee Demaret. 2,853,592.
- Société Anonyme de Constructions Electriques Charleroi: *See*—
Prasseur, Eudore D. 2,847,587.
- Société Anonyme de Machines Electrostatiques: *See*—
Félic, Noël, Morel, and Point. 2,860,264.
Morel, Roger. 2,831,988.
Morel, Roger. 2,835,850.
- Société Anonyme des Anciens Etablissements Charles Berthiez: *See*—
Berthiez, Frederick C. G. 2,820,343.
Berthiez, Frederick C. G. 2,832,651.
Berthiez, Frederick C. G. 2,835,136.
- Société Anonyme des Anciens Etablissements Panhard & Levassor: *See*—
Panhard, Paul. 2,862,486.
- Société Anonyme des Etablissements Neu: *See*—
Sallon, Jean. 2,845,216.
- Société Anonyme des Laboratoires Robert & Carrière: *See*—
Carron, Maurice C. E., Jullien, and Preud'Homme. 2,846,469.
- Société Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain Chauny & Cirey: *See*—
Arbit, Pierre. 2,859,261.
Baeyaert, Alfred E. M. 2,856,272.
Beau, Raymond. 2,856,266.
Bigot, Bernard. 2,861,878.
Dickinson, George A., and Kay. 2,842,464.
Escher-Desrivieres, Jean A. 2,862,131.
Moyrand, Jean, and Bigot. 2,859,105.
Testard, Jacques M. A. 2,851,469.
Touyav, Robert. 2,820,334.
- Société Anonyme Dessins Etudes Outillage Mecanique, D. E. O. M.: *See*—
Corlet, Gabriel F. 2,853,126.
- Société Anonyme dite: Compagnie Electro-Mecanique: *See*—
Polard, Jean. 2,829,428.
Polard, Jean, and Herbrecht. 2,819,514.
- Société Anonyme dite: Compagnie Francaise de Raffinage: *See*—
Gislon, Andre, and Oniquerez. 2,823,173.
Gislon, André, and Valet. 2,853,429.
- Société Anonyme dite: Etablissements A. Cazeneuve, La Plaine Saint-Denis (Seine): *See*—
Briet, Henri R. 2,860,538.
- Société Anonyme dite: Jerome & Bonnefoy & Cie: *See*—
Van de Walle, Edmond and C., and Bonnefoy. 2,844,918.
- Société Anonyme dite: Krebs & Cie: *See*—
Lero, Enest. 2,860,964.
- Société Anonyme dite: Le Frogres Industriel: *See*—
Lammens, Eduard J. G. 2,854,239.
- Société Anonyme Dite "Les Filles de Calais": *See*—
Lindemann, Henri J. M. E. E. 2,836,850.
- Société Anonyme dite: Société d'Electro-Chimie, d'Electro-Metallurgie et des Acieries Electriques d'Ugine: *See*—
Prettre, Marcel, Grimaud, and Alliot. 2,838,587.
- Société Anonyme dite: Société Generale Isothermos: *See*—
Bouvat-Martin, Jean. 2,838,347.
Bouvat-Martin, Jean. 2,857,215.
- Société Anonyme dite: Stenotype Grandjean: *See*—
Segui, Jean. 2,838,155.
Segui, Jean. 2,847,104.
- Société Anonyme Etablissements Ed. Jaeger: *See*—
Fauvelot, Pierre E. R. 2,851,621.
- Société Anonyme Francaise d'Etudes de Gestion et d'Entreprises: *See*—
Chadenson, Lucien. 2,825,291.
- Société Anonyme Francaise du Ferodo: *See*—
Maurice, Jean, and Michel. 2,842,008.
Maurice, Jean, and Rist. 2,846,036.
Maurice, Jean, and Rist. 2,850,131.
Maurice, Jean, and Rist. 2,863,326.
Maurice, Jean, and Rist. 2,865,480.
- Société Anonyme Immobiliere Canadienne Francaise: *See*—
Delacomme, Marcel. 2,847,352.
- Société Anonyme Les Ateliers Reunis Broyeurs Forplex: *See*—
Hippert, Pierre R. 2,839,251.
- Société Anonyme Mipsa: *See*—
Moll, Robert. 2,863,423.
- Société Anonyme pour les Applications de l'Electricite et des Gaz Rares-Etablissements Claude-Paz & Silva: *See*—
Delrieu, Pierre. 2,855,264.
Kaiser, Daniel. 2,846,619.
- Société Anonyme Preparation Industrielle des Combustibles: *See*—
Fourcy, Jacques C. 2,866,441.
- Société Anonyme: Société Monsavon-l'Oreal: *See*—
Seemuller, John R. 2,848,369.
- Société Belge de l'Azote et des Produits Chimiques du Marly, Société Anonyme: *See*—
Braconier, Frederic F. A., and Delsemme. 2,822,411.
Braconier, Frederic F. A., and Le Bihan. 2,844,633.
Braconier, Frederic F. A., and Riga. 2,856,258.
Le Bihan, Henri, Godart, and Burton. 2,864,779.
- Société Belge d'Optique et d'Instruments de Precision Société Anonyme: *See*—
Reichardt, Pierre. 2,836,255.
- Société Belge Prat Daniel: *See*—
Ronich, Leopold. 2,822,935.
- Société Billion & Cie: *See*—
Billion, Jacques. 2,846,839.
Billion, Jacques. 2,846,840.
- Société Brenatex: *See*—
Lentert, Walter. 2,861,436.
- Société Carbochimique, Société Anonyme: *See*—
Zeigler, Herbert. 2,864,815.
- Société Cellulohane Investment Co. Ltd.: *See*—
Vanet, Paul. 2,827,246.
- Société Chimique de la Grande Paroisse, Azote et Produits Chimiques: *See*—
Devaux, Adrien, and Jean. 2,843,454.
- Société Civile d'Etude de Procédes de Scellement: *See*—
Fouron, Pierre, and Bourret. 2,835,006.
Reymond, Michel. 2,859,444.
- Société Commerciale E. C. A.: *See*—
Ecary, Charles A. 2,838,724.
- Société Condamin et Prodon: *See*—
Guibert, Georges. 2,830,774.
- Société d'Appareils de Controle et d'Equipeement des Moteurs S. A. C. E. M.: *See*—
Mennesson, Marcel. 2,858,674.
- Société d'Appareillage et d'Exploitation des Etablissements Ponsot: *See*—
Bonnaffous, Maurice. 2,862,070.
- Société d'Applications des Machines Motrices: *See*—
Rohacs, Etienne. 2,856,035.
- Société d'Applications et de Constructions pour Materiel Automobile S. A. C. M. A.: *See*—
Mennesson, Robert. 2,842,858.
Mennesson, Robert. 2,853,874.
- Société d'Applications Generales d'Electricite et de Mecanique, S. A. G. E. M.: *See*—
Masson, Bernard, Thibaut, and Berquier. 2,830,623.
Pasquet, Henri M. E. 2,836,071.
Rabeux, Jean, and Masson. 2,823,704.
Rabeux, Jean, and Masson. 2,823,707.
- Société de Fabrication d'Armements et de Moteurs "S. O. F. A. M.": *See*—
Bousquet, Philippe J. 2,854,820.
- Société de la Pile Leclanche: *See*—
Emeriat, Raymond. 2,834,827.
Jammet, Jean. 2,865,976.
Moyns, Jules. 2,865,977.
- Société de Mecanographie Japy (Société Anonyme): *See*—
Trève, Lucien V. 2,841,267.

- Société d'Electro-Chimie d'Electro-Metallurgie et der Acierles Electriques d'Ugine: *See—*
 Andreux, Jean L., and Bonnier. 2,829,092.
 Castagna, Hermann, Gravey, Reynaud, and Roth. 2,829,965.
 Grefle, André. 2,857,156.
 Perrin, René. 2,864,689.
 Reynaud, Francis, and Claraz. 2,835,569.
 Reynaud, Francis, Gravey, and Roth. 2,829,966.
 Reynaud, Francis, Gravey, and Roth. 2,860,047.
 Reynaud, Francis, and Terraz. 2,842,427.
- Société d'Electronique et d'Automatisme: *See—*
 Dussine, Roger R. 2,844,308.
 Dussine, Roger R. 2,853,234.
 Gloess, Paul F. M. 2,830,758.
 Guerin, Maurice, and Namian. 2,844,718.
 Martin, Jacques E. 2,842,664.
 Piel, Gerard J. R. 2,845,219.
 Raymond, François H. 2,824,690.
 Raymond, François H. 2,864,556.
 Raymond, François H., Chapouille, and Martin. 2,831,107.
- Société des Accumulateurs Fixes et de Traction (Société Anonyme): *See—*
 Jaquier, Pierre A. C. 2,843,650.
 Jeannin, Robert A. A. 2,847,494.
 Salauze, Jean. 2,819,962.
 Salauze, Jean. 2,820,077.
 Salauze, Jean. 2,820,078.
 Salauze, Jean. 2,833,847.
 Salauze, Jean. 2,852,592.
- Société des Agrafes Françaises & d'Articles Metalliques (Société Anonyme): *See—*
 Rigaud, Maurice. 2,859,995.
- Société des Etablissements Roger Brillie: *See—*
 Veny, Maurice R. 2,837,129.
- Société des Fabrications Unicum: *See—*
 Perruca, Felix. 2,835,134.
- Société des Forges et Ateliers du Crersot: *See—*
 Scavini, Jean F. 2,850,946.
- Société des Forges et Chantiers de la Mediterranée: *See—*
 Veysiere, Henri. 2,847,927.
- Société des Hauts-Fourneaux et Forges d'Allevard: *See—*
 Péras, Lucien. 2,845,668.
- Société des Ucières de Pompey: *See—*
 Herzog, Eugene M. 2,825,669.
- Société des Usines Chimiques Rhone-Poulenc: *See—*
 Bardonnet, Claude, and Commarmot. 2,860,516.
 Bation, Edmond, and Grunfeld. 2,820,823.
 Fenoglio, Maurice, Pacoud, and Alvarado. 2,866,832.
 Gailliot, Paul, and Baget. 2,837,513.
 Gailliot, Paul, Robert, and Gaudichon. 2,830,987.
 Horclois, Raymond J. 2,839,530.
 Horclois, Raymond J. 2,866,787.
 Horclois, Raymond J., Metivier, and Suau. 2,820,031.
 Horclois, Raymond J., and Suau. 2,827,459.
 Jacob, Robert M. 2,833,767.
 Jacob, Robert M., and Messer. 2,841,590.
 Jacob, Robert M., and Robert. 2,837,518.
 Malcon, Maurice, Fenoglio, and Pacoud. 2,824,049.
 Metivier, Jean, and Boesch. 2,865,930.
 Moureu, Henri, and Chovin. 2,824,899.
 Normant, Henri. 2,838,576.
 Orsini, Leon F. 2,857,291.
 Pacoud, Andre, Fenoglio, and Alvarado. 2,842,597.
 Seribaine, Igor, and Peyrolade. 2,861,111.
- Société d'Etude de Vehicules "S. E. V.": *See—*
 Schwander, Erwin. 2,855,904.
- Société d'Etude et d'Exploitation Chimie et Mecanique, E. C. E. M.: *See—*
 Pouzoulet, André A. E. 2,831,517.
- Société d'Etude et d'Exploitation du Palier Fluide (S. E. E. P. F.): *See—*
 Gerard, Paul. 2,852,942.
 Gerard, Paul. 2,855,249.
- Société d'Etudes, de Recherches et d'Applications Mechaniques: *See—*
 Terce, Paul J. J. 2,832,279.
- Société d'Etudes et de Recherches Pour Engins: *See—*
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- Société d'Exploitation des Matériels Hispano-Suiza S. A.: *See—*
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- Société Nouvelle de L'Outillage R. B. V. et de la Radio-Industrie (R. B. V.-R. I.): *See—*
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- Soderberg, Joseph E. Chimney cap. 2,856,839, 10-21-58, Cl. 98-59.
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- Soehnen, Robert M., and E. Alters. Housing-forming clamp for bell and spigot pipes of the molded joint type. 2,821,416, 1-28-58, Cl. 285-172.
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- Soffer, Jack W., to Development Research, Inc. Supplementary upper walls for containers. 2,831,613, 4-22-58, Cl. 222-182.
- Soffer, Jack W., to Development Research, Inc. Seal for a tiltable valving spout. 2,831,617, 4-22-58, Cl. 222-394.
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- Sogorka, John J., Jr., and J. J. Peterson, to Aerojet-General Corp. Switch. 2,821,593, 1-28-58, Cl. 200-83.
- Sohl, William E., to Minnesota Mining and Mfg. Co. Adhesives and adhesive tapes. 2,838,421, 6-10-58, Cl. 117-122.

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- Sokol, Kurt. Device for measuring the tonus of the muscular system of the floor of the vagina, pelvis and adjacent areas. 2,839,050, 6-17-58, Cl. 128-2.
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- Solenberger, Dean M., to Simplex Piston Ring Mfg. Co. Multiple cut-off tool. 2,853,135, 9-23-58, Cl. 164-36.
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- Solet, Ira S., and R. L. Waer, to Radio Corp. of America. Getter structure. 2,837,207, 6-3-58, Cl. 206-0.4.
- Solie, Harold L. Churns. 2,840,908, 7-1-58, Cl. 31-34.
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- Solomon, Daniel, to Kwik Mold Plastic Corp. Frame for bags and the like. 2,858,869, 11-4-58, Cl. 150-1.6.
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- Solomon, Myer M., and B. A. Ashby, to General Electric Co. Silicone water-repellents containing stannous salts and process of treating textiles therewith. 2,854,424, 9-30-58, Cl. 260-29.2.
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- Solomon, Ralph E., to Samuel Stamping & Enameling Co. Floor furnace. 2,836,170, 5-27-58, Cl. 126-116.
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- Solow, Benjamin, to International Resistance Co. Photocell. 2,823,245, 2-11-58, Cl. 136-89.
- Solow, Benjamin. Clothes hanger and attachment therefor. 2,864,147, 12-16-58, Cl. 24-230.5.
- Solow, Oscar, and B. Korman. Corner support for draperies. 2,827,959, 3-25-58, Cl. 160-330.
- Soloway, Samuel B., to Shell Development Co. Polyhalogeno bicyclic acids. 2,839,553, 6-17-58, Cl. 260-429.9.
- Soltero, Luis R., and S. D. Greenberg. Surgical clamp. 2,842,132, 7-8-58, Cl. 128-322.
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- Davies, John A., Saunders, Somers, and Cole. 2,853,750.
- Somers, Lysle E.: *See—*
- Gordon, Benjamin, and Somers. 2,863,678.
- Somers, Richard I., and P. L. Petry, said Somers assor. to Parker Rust Proof Co., and said Petry assor. to Acme-Newport Steel Co. Cold rolling of steel. 2,859,145, 11-4-58, Cl. 148-6.15.
- Somers, Richard M., to McGraw-Edison Co. Combination dictation-transcribing machine. 2,823,268, 2-11-58, Cl. 179-100.1.
- Somers, Richard M., to McGraw-Edison Co. Dictating machine. 2,866,647, 12-30-58, Cl. 274-13.
- Somerville, Ian C.: *See—*
- Rau, William J., and Somerville. 2,826,477.
- Somerville, Ian C., and R. F. M. Fisher, to Rohm & Haas Co. Method for treating leather. 2,824,816, 2-25-58, Cl. 117-135.5.
- Somerville Ltd.: *See—*
- Aiken, William. 2,826,755.
- Mires, Joseph E., and Skillen. 2,828,904.
- Somerville, Stephen L., R. P. Urry, and B. R. Halpern, to The Monotype Corp. Ltd. Collocating apparatus for making corrections, alterations and additions on a photo-type composed film or sheet. 2,845,717, 8-5-58, Cl. 33-184.5.
- Somerville, Willard T.: *See—*
- Andersen, Carl N., and Somerville. 2,841,530.
- Somerville, Willard T., and E. T. Theimer, to Van Ameringen-Haeble, Inc. Lower alkanolic acid esters of para tertiary butyl cyclohexanol. 2,840,599, 6-24-58, Cl. 260-488.
- Sommer, Alfred H., to Electric & Musical Industries Ltd. Electron multipliers. 2,836,755, 5-27-58, Cl. 313-95.
- Sommer, Friedrich, H. Hofmann, and H. Eder, to Siemens & Halske Akt. Motor-driven rotary telephone switching mechanism. 2,844,655, 7-22-58, Cl. 179-27.51.
- Sommer, Gordon M., to U. S. Industries, Inc. Multispeed driving mechanism. 2,860,529, 11-18-58, Cl. 74-785.
- Sommer, Leo H., to Dow Corning Corp. Method of reacting silanes with ethers. 2,831,011, 4-15-58, Cl. 260-448.8.
- Sommer, Leo H., to Dow Corning Corp. Organosilicon substituted pyridines. 2,838,515, 8-10-58, Cl. 260-290.
- Sommer, Leo H., to Dow Corning Corp. Organopolysiloxane amides. 2,855,381, 10-7-58, Cl. 260-46.5.
- Sommer, Murray M., to Mid-States Steel & Wire Co. Wire coil container. 2,843,260, 7-15-58, Cl. 206-59.
- Sommer Products Co.: *See—*
- Hopkins, Durward K. 2,826,251.
- Sommer, Siegfried: *See—*
- Fuchs, Otto, Sommer, and Hoyer. 2,856,377.
- Sommerfeld, Richard. Case-bottle with an insulating covering. 2,818,990, 1-7-58, Cl. 215-13.

- Soroban Engineering, Inc.: See—
MacNeill, John H. 2,831,678.
MacNeill, John H. 2,854,197.
MacNeill, John H. 2,859,816.
- Sorrels, John K., to the United States of America as represented by the Secretary of Commerce. Drive controls for magnetic recorder-reproducer. 2,819,940, 1-14-58, Cl. 346-74.
- Sorvall, Ivan, Inc.: See—
Blum, Josef. 2,822,726.
Blum, Josef. 2,827,229.
Szent-Gyorgyi, Albert, and Blum. 2,834,541.
- Sosa, Joseph. Hand operated cigarette rolling machine. 2,850,019, 9-2-58, Cl. 131-52.
- Sosalla, William D. Outboard motor carrier. 2,838,320, 6-10-58, Cl. 280-47.24.
- Sosnoski, Peter A. Protective circuitry. 2,844,765, 7-22-58, Cl. 317-18.
- Sosower, Leon. Collapsible awning. 2,824,607, 2-25-58, Cl. 160-62.
- Soss, Arthur. Power actuated meat cleaver. 2,832,410, 4-29-58, Cl. 164-47.
- Soss Mfg. Co.: See—
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- Soteropoulos, Gust: See—
Callum, Charles L., and Soteropoulos. 2,833,206.
- Soteropoulos, Gust, to Deere Mfg. Co. Baler plunger mounting. 2,850,965, 9-9-58, Cl. 100-179.
- Soubler, Leonard D., to Owens-Illinois Glass Co. Glass article holding chuck. 2,826,870, 3-18-58, Cl. 49-64.
- Soubier, Leonard D., to Owens-Illinois Glass Co. Glass tube scoring device. 2,840,952, 7-1-58, Cl. 49-29.
- Souchet, Andre A. H., to La Telemecanique Electrique (Societe Anonyme). Arc-extinction casing for circuit-breaker. 2,836,683, 5-27-58, Cl. 200-144.
- Souder, Alan M.: See—
Elwell, Donald F., and Souder. 2,829,522.
- Souder, John C.: See—
Sutherland, Harry T., and Souder. 2,866,475.
- Souillard, Georges J. P. Process for the separation of a mixture of benzene and paraffins. 2,838,450, 6-10-58, Cl. 204-163.
- Soulay, Pierre, to Unionmelt, Societe Anonyme. Automatic multiple arc welding methods. 2,837,627, 6-3-58, Cl. 219-137.
- Soule, Edward C., deceased, by E. B. Soule, executrix, to Olin Mathieson Chemical Corp. Composition of matter. 2,845,446, 7-29-58, Cl. 260-438.
- Soule, Edward C., deceased (by E. B. Soule, executrix), L. S. Burnett, and G. M. Wagner, to Olin Mathieson Chemical Corp. Phenol-dichlorophenol formaldehyde condensation products. 2,822,346, 2-4-58, Cl. 260-53.
- Soule, Edward C., deceased (by E. B. Soule, executrix), and L. S. Burnett, to Olin Mathieson Chemical Corp. Blowing agent for cellular plastic materials. 2,832,744, 4-29-58, Cl. 252-182.
- Soule, Eleanor B.: See—
Soule, Edward C. 2,845,446.
Soule, Edward C., and Burnett. 2,832,744.
Soule, Edward C., Burnett, and Wagner. 2,822,346.
- Soule, Robert G., Jr., to General Electric Co. Detachable spring contact device. 2,844,644, 7-22-58, Cl. 174-35.
- Soule Steel Co.: See—
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- Soulie, Jean: See—
Tuffet, Pierre E., and Soulie. 2,848,893.
- Sound Engineering: See—
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- Soundscriber Corp., The: See—
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Lyon, William H. 2,856,463.
Lyon, William H., and Thompson. 2,826,642.
Runge, Frank E. 2,859,972.
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Sherwood, Henry A. 2,822,580.
Sherwood, Henry A. 2,831,070.
- Sourgens, Roger P., and R. A. Chollet. Circuit for switching high voltage using cascade connected low voltage transistors. 2,835,829, 5-20-58, Cl. 307-88.5.
- Soussloff, Dimitri G., E. J. Duggan, and T. A. Whiting, to Universal Winding Co. Apparatus for bulking yarn. 2,825,118, 3-4-58, Cl. 28-1.
- South, Orlo E. Spiked footwear cleaning tool. 2,857,607, 10-28-58, Cl. 15-104.
- South African Coal, Oil and Gas Corp. Ltd.: See—
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- Southard, Carl D., to International Business Machines Corp. Counting and dividing circuit. 2,822,979, 2-11-58, Cl. 235-61.
- Southard, Carl D., to International Business Machines Corp. Thyatron circuit. 2,847,573, 8-12-58, Cl. 250-36.
- South Bend Tackle Co., Inc.: See—
Macy, John M. 2,824,709.
- South Bend Toy Mfg. Co.: See—
Muessel, Robert W. 2,831,291.
- South Bend Metal Products Co.: See—
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- South Chester Corp.: See—
Barry, John K. 2,833,005.
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- Southerland, Francis M., to W. E. Rascoe. Textile boarding apparatus. 2,837,832, 6-10-58, Cl. 34-103.
- Southern Athletic Co., Inc.: See—
Wynn, Herman D. 2,818,233.
- Southern Developers, Inc.: See—
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- Southern Dyestuff Corp.: See—
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- Southern Gravure Service, Inc.: See—
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- Southern Hotel and Restaurant Supplies, Inc.: See—
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Mullich, Oliver J. 2,840,900.
- Southern Ice Cream Co.: See—
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- Southern Natural Gas Co.: See—
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- Southern Research Institute: See—
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- Southern Saw Service, Inc.: See—
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- Southern Steel Co.: See—
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- Southern Steel & Stove Co.: See—
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- Southern United Telephone Cables Ltd.: See—
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- Southern Wood Preserving Co.: See—
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- Southern California Gas Co.: See—
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- Southern Pacific Co.: See—
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- Southern Pine Lumber Co.: See—
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- Southern States Equipment Corp.: See—
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- Southland Mower Co., Inc.: See—
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- South Wales Switchgear Ltd.: See—
Nicholas, Alfred J., and Buttrey. 2,842,643.
- Southwell, Edward H. Fabricated container. 2,849,144, 8-26-58, Cl. 220-4.
- Southwest Products Co.: See—
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- Southwest Welding & Mfg. Co.: See—
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- Southwestern Engineering Co.: See—
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- Southwestern Industrial Electronics Co.: See—
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- Southwestern Sugar and Molasses Co.: See—
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- Southwick, John W. Wave motor and associated mechanism. 2,820,148, 1-14-58, Cl. 290-4.
- Southwick, Peter F., and M. R. Wyllie, to Gulf Research & Development Co. Method of and apparatus for measuring mud filter cake resistivity. 2,830,266, 4-8-58, Cl. 324-65.
- Southworth, George C., to Bell Telephone Laboratories, Inc. Artificial medium of variable dielectric constant. 2,840,820, 6-24-58, Cl. 343-909.
- Southworth, James, Jr., H. W. Holland, and J. P. Badger, to Carbide Corp. Cover seal. 2,843,651, 7-15-58, Cl. 136-133.
- Southworth Machine Co.: See—
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Dalrymple, Philip W., and Hunsaker. 2,862,689.
- Southworth, Raymond W.: See—
Zabban, Walter, and Southworth. 2,825,696.
- Souzis, Leo: See—
Boam, Willard M., Friedman, Paige, Souzis, and Strater. 2,834,101.
- Sowa, Frank J. Methods of producing esters of carbamic and carbonic acids. 2,834,799, 5-13-58, Cl. 260-463.
- Sowa, Frank J., to AMP Inc. Electrical connector with insulated ferrule. 2,863,132, 12-2-58, Cl. 339-213.
- Sowards, Donald M.: See—
Mathre, Owen B., and Sowards. 2,834,659.
- Sower, Albert J.: See—
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- Sowers, George H.: See—
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- Sowter, Percy F. C., and F. B. Hill, to British Celanese Ltd. Apparatus for manufacture or treatment of artificial filamentary materials. 2,852,808, 9-23-58, Cl. 18-8.
- Spack, Edward G.: See—
Gerkenmeier, Otto F., and Spack. 2,857,529.
- Spadaro, James J.: See—
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- Spaeder, Carl E.: *See*—
Nottelmann, John F., and Spaeder. 2,840,732.
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- Spaelti, Alfred: *See*—
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- Spaenig, Hermann, and H. R. Hensel, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of polymerization products from olefinically unsaturated hydrocarbons. 2,820,778, 1-21-58, Cl. 260—94.3.
- Spaetgens, Theodore W. Vibration neutralizers. 2,850,116, 9-2-58, Cl. 188—1.
- Spaeth, Charles E., to United Aircraft Corp. Disc vibration damping means. 2,836,392, 5-27-58, Cl. 253—77.
- Spaeth, Charles P., to E. I. du Pont de Nemours and Co. Preparation of nitrite esters. 2,831,882, 4-22-58, Cl. 260—466.
- Spaeth Foundation, The: *See*—
Spaeth, Otto L. 2,836,623.
- Spaeth, Irvin J., to Chicago Railway Equipment Co. Brake beam support and safety device. 2,846,033, 8-5-58, Cl. 188—213.
- Spaeth, Otto L., to The Spaeth Foundation. Remote control brake for phonograph turntable. 2,836,263, 5-27-58, Cl. 188—74.
- Spafford, Hildreth A. Spring actuated quick acting safety razor. 2,846,763, 8-12-58, Cl. 30—60.5.
- Spagnoletti, Félix, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Apparatus for removing liquid metal from furnaces. 2,836,637, 5-27-58, Cl. 13—33.
- Spahn, Charles F., Jr., to Bell Telephone Laboratories, Inc. Relay test recorder. 2,852,736, 9-16-58, Cl. 324—28.
- Spahr, Raymond J., J. K. Sumner, and E. J. Yedlick, to Chicopee Mfg. Corp. Nonwoven fabric and absorbent products. 2,833,283, 5-6-58, Cl. 128—290.
- Spahr, Werner, to Deutsche Telefonwerke und Kabelindustrie Akt. (De Te We). Actuating mechanism. 2,859,631, 11-11-58, Cl. 74—112.
- Spaide, Leon J. Coupling. 2,854,261, 9-30-58, Cl. 287—2.
- Spain, Roy C., to The Yale & Towne Mfg. Co. Side bar lock. 2,831,338, 4-22-58, Cl. 70—419.
- Spaine, Edward P., to The Singer Mfg. Co. Loop takers for lock stitch sewing machines. 2,851,977, 9-16-58, Cl. 112—231.
- Spainhour, Carroll D., to Western Electric Co., Inc. Apparatus for advancing and rotating work pieces. 2,860,355, 11-18-58, Cl. 15—21.
- Spakman, Geert, to North American Philips Co., Inc. Tuning device for use in radio receivers having push-buttons. 2,820,366, 1-21-58, Cl. 74—10.33.
- Spakman, Geert, to North American Philips Co., Inc. Dial indicator driving arrangement. 2,844,039, 7-22-58, Cl. 74—10.7.
- Spalding, A. G. & Bros., Inc.: *See*—
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- Spalding, Charles W.: *See*—
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- Spalding, Dudley B. Revolving fuel vaporizer and combustion stabilizer. 2,823,519, 2-18-58, Cl. 60—39.71.
- Spalding, Dudley B. Combustion equipment, and gas turbine plant. 2,823,520, 2-18-58, Cl. 60—39.72.
- Spalding, James C., Jr.: *See*—
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- Spalding, John W., to Remington Products Co. Construction of ladies' shoes. 2,852,865, 9-23-58, Cl. 36—37.
- Spalten, Robert, and A. B. Weinstein; said Spalten assor, to said Weinstein. Interlockable dental dowel pin and repositioning gauge and method of using. 2,851,728, 9-16-58, Cl. 18—34.1.
- Spanel, Abraham N., to International Latex Corp. Hair cutters. 2,856,683, 10-21-58, Cl. 30—31.
- Spanel, Abraham N., and P. E. Ambrose, to International Latex Corp. Girdle. 2,830,591, 4-15-58, Cl. 128—521.
- Spang, Carl F., to Needham Mfg. Co., Inc. Meat guide for grinding machines. 2,853,110, 9-23-58, Cl. 146—182.
- Spangenberg, Alfred L., to Stephens-Adamson Mfg. Co. Bearings. 2,853,346, 9-23-58, Cl. 308—121.
- Spangenberg, Alfred L., to Stephens-Adamson Mfg. Co. Connecting link. 2,865,515, 12-23-58, Cl. 213—208.
- Spangler, Earl G. Apparatus for storing, conditioning and dispensing fats. 2,859,015, 11-4-58, Cl. 257—2.
- Spangler, Grant E., and J. W. Estes, to Air Reduction Co., Inc. Coated magnesium iron treatment. 2,863,764, 12-9-58, Cl. 75—130.
- Spangler, James O. Warning alarm system. 2,820,892, 1-21-58, Cl. 250—20.
- Spanior Brothers, Inc.: *See*—
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- Spanjer, David L., to The Elmco Corp. Steering-by-driving of endless track vehicle. 2,833,360, 5-6-58, Cl. 180—6.48.
- Spannagel, Dorothy J. Elbow patch. 2,820,225, 1-21-58, Cl. 2—122.
- Spannhake, Ernst W.: *See*—
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- Spannhake, Ernst W., to LeTournau-Westinghouse Co. Variable tread vehicle. 2,857,169, 10-21-58, Cl. 280—80.
- Spano, Vincent J. Apparatus for forming and pressing garments. 2,842,875, 7-15-58, Cl. 38—16.
- Sparcatron Ltd.: *See*—
Rudorff, Dagobert W. 2,850,618.
- Spare, Gordon T.: *See*—
Huet, Raymond J., and Spare. 2,842,837.
- Spargo, John: *See*—
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- Sparkler Mfg. Co.: *See*—
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- Sparklin, Charles H., to Whirlpool Corp. Movable vacuum cleaner structure. 2,819,485, 1-14-58, Cl. 15—323.
- Sparks, Anthony, to The Distillers Co. Ltd. Acetone soluble copolymers. 2,855,389, 10-7-58, Cl. 260—85.5.
- Sparks, Brian O., to Clary Corp. Valve construction. 2,835,468, 5-20-58, Cl. 251—129.
- Sparks, Cameron W.: *See*—
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- Sparks, David W., to United States of America, Navy. Electronic voltmeters. 2,842,740, 7-8-58, Cl. 324—120.
- Sparks, Earl C., Jr., 1/2 each to Sanders Associates, Inc. and Willys Motors, Inc. Vernier temperature compensating capacitance system. 2,854,621, 9-30-58, Cl. 323—74.
- Sparks, George C. Container insert. 2,827,219, 3-18-58, Cl. 229—14.
- Sparks, George C. Packaging devices. 2,856,067, 10-14-58, Cl. 206—43.
- Sparks, Joseph W.: *See*—
Brown, Arthur B., and Sparks. 2,819,279.
- Sparks, Karl A.: *See*—
McFadden, L'Etoile K., and Sparks. 2,843,878.
- Sparks, Marshall S., Jr., to Phillips Petroleum Co. Refractometer. 2,864,278, 12-16-58, Cl. 88—14.
- Sparks, Marshall S., Jr., and M. E. Reinecke, to Phillips Petroleum Co. Analyzer. 2,824,968, 2-25-58, Cl. 250—43.5.
- Sparks, Marshall S., Jr., and R. L. Kindred, to Phillips Petroleum Co. Ultra-violet analyzer. 2,831,118, 4-15-58, Cl. 250—43.5.
- Sparks, Neil R., to Pan American Petroleum Corp. Receiving seismic waves directionally. 2,846,662, 8-5-58, Cl. 340—15.
- Sparks, William R. Vending apparatus. 2,830,626, 4-15-58, Cl. 141—155.
- Sparks-Withington Co.: *See*—
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Lauer, Eugene D. 2,830,146.
- Sparlin, Max R. Crutch construction. 2,856,943, 10-21-58, Cl. 135—49.
- Sparrow, Donald B., and W. R. Powers, to Scott Paper Co. Method of making sodium cellulose sulfate. 2,862,922, 12-2-58, Cl. 260—215.
- Sparrow, Hubert T., to Minneapolis-Honeywell Regulator Co. Remote control switching circuit. 2,860,263, 11-11-58, Cl. 307—140.
- Sparrow, Hubert T., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,865,610, 12-23-58, Cl. 257—3.
- Sparrow, Wilber S. Device for loading bombs and the like. 2,822,931, 2-11-58, Cl. 214—1.
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- Spasaro, Salvatore J. Window construction. 2,865,065, 12-23-58, Cl. 20—62.
- Spase, Charles B., to LiPe-Rollway Corp. Vibration damper. 2,844,972, 7-29-58, Cl. 74—574.
- Spase, Charles B., to LiPe-Rollway Corp. Friction clutch structure. 2,852,116, 9-16-58, Cl. 192—89.
- Spase, Charles B., to LiPe-Rollway Corp. Self cooling power transmission device. 2,853,168, 9-23-58, Cl. 192—104.
- Spase, Charles B., to LiPe-Rollway Corp. Torque metering vibration dampening clutch. 2,855,079, 10-7-58, Cl. 192—55.
- Spase, Charles B., to LiPe-Rollway Corp. Torque metering transmission. 2,855,080, 10-7-58, Cl. 192—104.
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- Spase, Charles B., to LiPe-Rollway Corp. Torque metering clutch. 2,863,544, 12-9-58, Cl. 192—104.
- Spataro, Lucy. Electric lamps. 2,848,643, 8-19-58, Cl. 313—318.
- Spates, James E.: *See*—
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- Spath, Catherine M., to Eastman Kodak Co. Antifogants for photographic developers. 2,860,976, 11-18-58, Cl. 96—22.
- Spaulding, Carl P., to Datex Corp. Code generating device. 2,859,432, 11-4-58, Cl. 340—347.
- Spaulding, David C., and F. J. Wherley, to The B. F. Goodrich Co. Method for preparing acrylonitrile. 2,854,473, 9-30-58, Cl. 260—465.3.
- Spaulding, Earl H., to L. B. Evans' Son Co. Turned slipper having vamp portions free of outsole. 2,845,724, 8-5-58, Cl. 36—18.
- Spaulding, Raymond L., to The Parker Pen Co. Spacer pattern for capillary reservoir elements. 2,847,976, 8-19-58, Cl. 120—50.
- Spaulding, Robert A.: *See*—
Chambers, Clarence G., and Spaulding. 2,846,379.
- Spaulding, Spencer W.: *See*—
Schmitt, Edward J., and Spaulding. 2,861,744.
- Spaunburg, Harvey L., and G. W. White, to Veeder-Root Inc. Register mechanism for dispensing apparatus. 2,838,237, 6-10-58, Cl. 235—94.
- Speakman Co.: *See*—
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- Spear, Allan I.: *See*—
Burton, Leonard, and Spear. 2,857,302.
- Spear, Arthur S., to Revlon Implement Corp. Nail clips. 2,831,247, 4-22-58, Cl. 30-28.
- Spear, Walter A., to Nutone, Inc. Blower construction. 2,842,307, 7-8-58, Cl. 230-117.
- Spear, Walter A., to Nutone, Inc. Blower construction. 2,856,836, 10-21-58, Cl. 98-43.
- Spearing, Michael H., to The Distillers Co. Ltd. Electrical apparatus. 2,839,707, 6-17-58, Cl. 315-163.
- Spearow, Ralph. Subformation oil production method. 2,821,255, 1-28-58, Cl. 166-10.
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- Spears, Doyle L.: *See*—
Brock, James A., and Spears. 2,820,451.
- Spears, Earl M.: *See*—
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- Spears, Esten W., to General Motors Corp. Gas turbine thrust augmentor comprising water injection ring. 2,847,825, 8-19-58, Cl. 60-39,32.
- Spears, Esten W., Jr., to General Motors Corp. Alcohol mist icing prevention. 2,832,328, 4-29-58, Cl. 230-132.
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- Spears, Harry E.: *See*—
Watson, Donald C., Spears, and Boaze. 2,865,640.
- Specht, Edward H., and C. E. Smith, to Rohm & Haas Co. Reesterification alcoholysis. 2,832,800, 4-29-58, Cl. 260-486.
- Special Equipment Co.: *See*—
Skog, Henry A. 2,827,088.
Skog, Henry A. 2,847,047.
- Specialties Alimentaires Bourguignonnes (S. A. B.): *See*—
Labarre, Maurice. 2,828,508.
- Specialties Development Corp.: *See*—
Anthony, Charles, Jr. 2,819,764.
Anthony, Charles, Jr. 2,820,761.
Books, Thomas V., and Heigis. 2,855,848.
Bowman, Robert W., and Neigel. 2,866,593.
Daley, Horace S. 2,821,851.
Daley, Horace S. 2,848,354.
Daley, Horace S. 2,859,892.
Dennis, David H. 2,865,456.
Hebenstreit, Lester V. 2,863,975.
Hebenstreit, Lester V. 2,866,058.
Heigis, Henry E., and Parsons. 2,829,720.
Helsper, Robert G. 2,825,770.
Klein, Clifford J. 2,827,624.
Klein, Clifford J., and Scott. 2,850,684.
MacIntyre, Ronald, Sheakley, and Zenobia. 2,856,368.
Martine, Chester E. 2,838,684.
Muller, Ferdinand H. 2,837,809.
Neigel, Joseph A. 2,859,908.
Olson, Walter J. 2,819,865.
Schmidlin, Albertus E., and Herr. 2,827,227.
Schrank, George I. 2,865,592.
Thomsen, William A. V. 2,831,498.
Towle, Robert G. 2,822,436.
Wentz, Edward A. 2,858,992.
- Specialty Brake Appliance Co.: *See*—
James, Thomas, Jr. 2,838,141.
- Specialty Engineering Co.: *See*—
Ashford, Leonard F. 2,866,663.
- Specialty Products Corp.: *See*—
Skelly, James J. 2,837,383.
- Speck, Lawrence J.: *See*—
Lynch, Robert T., and Speck. 2,834,673.
- Speckhardt, Georg, and K. Hennig. Process for the recovery of naphthalene. 2,830,104, 4-8-58, Cl. 260-674.
- Spector, Baruch. Pencil. 2,819,700, 1-14-58, Cl. 120-13.
- Spector, Morris, to Advance Transformer Co. Circuit for starting and operating discharge tubes. 2,848,652, 8-19-58, Cl. 315-138.
- Spedding, Frank H., and H. A. Wilhelm, to the United States of America as represented by the United States Atomic Energy Commission. Alloy for use in nuclear fission. 2,826,495, 3-11-58, Cl. 75-122,7.
- Spedding, Frank H., H. A. Wilhelm, and W. H. Keller, to the United States of America as represented by the United States Atomic Energy Commission. Production of uranium. 2,830,894, 4-15-58, Cl. 75-84,1.
- Spedding, Frank H., and J. A. Ayres, to United States of America, Atomic Energy Commission. Separation process using complexing and adsorption. 2,837,548, 6-3-58, Cl. 260-429,1.
- Spedding, Frank H., and C. F. Gray, to United States of America, Atomic Energy Commission. Melting and purification of uranium. 2,852,364, 9-16-58, Cl. 75-84,1.
- Speed, David B., to E. I. du Pont de Nemours and Co. Galvanizing flux. 2,829,077, 4-1-58, Cl. 148-23.
- Speed-Park, Inc.: *See*—
Alimanestiano, Mihai. 2,838,186.
- Speed, Raymond A.: *See*—
Bennett, Rufus B., Hunt, and Speed. 2,823,241.
- Speegle, C. B., Sr. Grass catcher for rotary type lawn mowers. 2,830,428, 4-15-58, Cl. 56-202.
- Speer Carbon Co.: *See*—
Veley, Hugh N. 2,855,630.
- Speer, Joseph G., to Hoffman Electronics Corp. Electromagnetically controlled capacitors or the like. 2,830,240, 4-8-58, Cl. 317-150.
- Speer, William V. Paint brush cleaner. 2,827,617, 3-25-58, Cl. 15-105.
- Speeter, Merrill E.: *See*—
Birkenmeyer, Robert D., and Speeter. 2,827,489.
- Speeter, Merrill E., to The Upjohn Co. 5-benzoyloxy- β ,2-dinitrostyrenes. 2,819,315, 1-7-58, Cl. 260-612.
- Speeter, Merrill E., to Bristol Laboratories Inc. Quaternary salts of substituted diphenylalkanoic acid amides. 2,823,233, 2-11-58, Cl. 260-558.
- Speeter, Merrill E., to The Upjohn Co. Reduction of carbonylic radicals in indolyl-3 compounds. 2,825,734, 3-4-58, Cl. 260-319.
- Speeter, Merrill E., and J. A. Hogg, to The Upjohn Co. Preparation of hindered 4-acylamidobenzoates. 2,821,540, 1-28-58, Cl. 260-471.
- Speh, Herman A., to Burroughs Corp. Selective control for sheet feeding apparatus. 2,831,561, 4-22-58, Cl. 197-133.
- Speich, Charles W. Shallow water engine cut-out. 2,846,535, 8-5-58, Cl. 200-614,4.
- Speicher, Forrest P.: *See*—
Schaefer, Harold W., Staebler, and Speicher. 2,851,366.
- Speicher, Paul L., to The Cyclone Seeder Co., Inc. Broadcast seeder or spreader device. 2,843,387, 7-15-58, Cl. 275-8.
- Speldel Corp.: *See*—
Augenstein, Karl C. 2,826,900.
- Speler, John L., to Dow Corning Corp. Organosilicon di-oxolanes. 2,846,448, 8-5-58, Cl. 260-340,9.
- Speler, John L., and D. E. Hook, to Dow Corning Corp. Process for the production of organosilicon compounds. 2,823,218, 2-11-58, Cl. 260-448,2.
- Spelser, Bruno, to Elgen Mfg. Corp. Duct devices. 2,826,221, 3-11-58, Cl. 138-39.
- Speser, Peter: *See*—
Lang, Emil, and Speser. 2,858,252.
- Spelsman, Camille, to Allis-Chalmers Mfg. Co. Two block system clamping device. 2,834,085, 5-13-58, Cl. 24-263.
- Spellman, Edward B. Computer slide rule for automatic screw machine. 2,848,164, 8-19-58, Cl. 235-69.
- Spellman, Erick O.: *See*—
Erickson, Charles H., and Spellman. 2,855,007.
- Spells, Needa. Combined stole and hood. 2,831,197, 4-22-58, Cl. 2-203.
- Spelman, Rollin H., to The General Tire and Rubber Co. Tubeless tire. 2,825,383, 3-4-58, Cl. 152-362.
- Spence, Charles H.: *See*—
La Porte, George C., Taylor, and Spence. 2,833,570.
- Spence, Gerald M., to Monolith Portland Midwest Co. Removal of alkali metal oxide from solid residues. 2,825,626, 3-4-58, Cl. 23-110.
- Spence, John H., and W. R. Shaver, to Pullman-Standard Car Mfg. Co. Sliding door lock. 2,828,995, 4-1-58, Cl. 292-285.
- Spence, Paulsen. Adjustable valve-actuating means. 2,820,472, 1-21-58, Cl. 137-413.
- Spence, Paulsen. Conduit-discharge means. 2,828,164, 3-25-58, Cl. 302-63.
- Spence, Paulsen. Temperature pilot valve. 2,831,639, 4-22-58, Cl. 236-86.
- Spence, Paulsen. Water heater. 2,852,196, 9-16-58, Cl. 236-23.
- Spence, Paulsen. Valve. 2,852,283, 9-16-58, Cl. 286-1.
- Spence, Paulsen. Regulating valve. 2,860,657, 11-18-58, Cl. 137-489,5.
- Spence, Peter, & Sons Ltd.: *See*—
Broomhead, Charles. 2,830,960.
- Harwood, John H., Kerr, and Crundall. 2,858,269.
- Spence, Robert, and M. W. Lister, to United States of America, Atomic Energy Commission. Separation of uranium, plutonium and fission products. 2,864,664, 12-16-58, Cl. 23-14,5.
- Spence, Robert E., to The Gear Grinding Machine Co. Universal joint. 2,844,013, 7-22-58, Cl. 64-21.
- Spence, Thomas C.: *See*—
Stanton, George W., Davis, and Spence. 2,837,492.
- Spence, William, to The British Thomson-Houston Co. Ltd. Cooling equipment. 2,851,042, 9-9-58, Cl. 134-57.
- Spencer Chemical Co.: *See*—
Bull, Willard C., Zeisig, Strickler, and Marhofer. 2,827,362.
- Dowty, Lee B., and Heavin. 2,828,596.
- Francis, William C., and Hopkins. 2,832,768.
- Francis, William C., Thornton, and Hopkins. 2,832,771.
- Francis, William C., Turbett, and Groeneweghe. 2,838,410.
- Hopkins, Thomas R., Francis, and Werner. 2,832,769.
- Hopkins, Thomas R., Francis, and Werner. 2,832,770.
- Marhofer, Edwin G. 2,827,363.
- Woodward, Henry F., Jr. 2,857,260.
- Spencer, Earle F., Jr., to Wire Belt Co. of America. Wire mesh conveyor belt. 2,826,383, 3-11-58, Cl. 245-10.
- Spencer, Edward P.: *See*—
Chouinard, Alfred F., and Spencer. 2,840,016.
- Spencer, Emory M.: *See*—
Magee, Virgil S. 2,860,568.
- Spencer, Everett H., to Esso Research and Engineering Co. Conversion of hydrocarbons. 2,852,444, 9-16-58, Cl. 196-55.

- Spencer, George A., to United States Steel Corp. Device for turning suspended loads. 2,839,324, 6-17-58, Cl. 294-82.
- Spencer, George A., and H. R. Sell, to The Firestone Tire & Rubber Co. Spool spindle journal mounting. 2,849,196, 8-26-58, Cl. 242-130.
- Spencer, Gerald V.: *See*—
Howe, Richard T., Manne, Morgan, Oom, and Spencer. 2,828,803.
- Manne, Edward T., Morgan, Oom, Spencer and Weaver. 2,843,187.
- Spencer, Gerald V., to American Seating Co. Folding chair with independent and automatic seat fold. 2,843,186, 7-15-58, Cl. 155-142.
- Spencer, Gerald V., to American Seating Co. Folding chair. 2,843,188, 7-15-58, Cl. 155-142.
- Spencer, Gordon F., to United Merchants and Manufacturers, Inc. Vari-tone cloth dyeing method. 2,823,092, 2-11-58, Cl. 8-14.
- Spencer, Herman J. Fastener applying device. 2,847,673, 8-19-58, Cl. 1-49.
- Spencer, James D., The Trust Estate: *See*—
Magee, Virgil S. 2,860,568.
- Spencer, James M. Modulation system for electrical musical instrument. 2,818,760, 1-7-58, Cl. 84-1.04.
- Spencer, Kenneth E. V.: *See*—
Johnston, Robert G., and Spencer. 2,828,312.
- Spencer, Leon O. Surgical splint. 2,863,449, 12-9-58, Cl. 128-87.
- Spencer, Lloyd, 66% to T. C. Bannon, and 33 1/3% to J. D. Chestnut. Gun perforator. 2,833,214, 5-6-58, Cl. 102-20.
- Spencer, Lloyd, 66% to T. C. Bannon, and 33 1/3% to J. D. Chestnut. Gun perforator and method of manufacture. 2,833,215, 5-6-58, Cl. 102-20.
- Spencer, Oliver E. Railroad car cushioning mechanism. 2,841,293, 7-1-58, Cl. 213-43.
- Spencer, Percival H. Toy airplane. 2,859,553, 11-11-58, Cl. 46-74.
- Spencer, Percy L., to Raytheon Mfg. Co. Electron discharge devices. 2,837,694, 6-3-58, Cl. 315-39.61.
- Spencer, Percy L., to Raytheon Mfg. Co. Frequency modulated magnetrons. 2,840,785, 6-24-58, Cl. 332-5.
- Spencer, Perry C., to Otis Engineering Corp. Running and retrieving tools. 2,856,008, 10-14-58, Cl. 166-218.
- Spencer, Ralph C. Automobile antidisk device. 2,820,502, 1-21-58, Cl. 152-218.
- Spencer, Richard W., to Sperry Rand Corp. Magnetic amplifier flip-flop circuit. 2,834,893, 5-13-58, Cl. 307-888.
- Spencer, Richard W., to Sperry Rand Corp. Magnetic amplifier circuit with outputs of opposite phase. 2,846,524, 8-5-58, Cl. 179-171.
- Spencer, Richard W., and T. H. Bonn, to Sperry Rand Corp. Stabilized amplifier devices. 2,830,197, 4-8-58, Cl. 307-88.
- Spencer, Rolf E., to Electric & Musical Industries Ltd. Displacement measuring devices. 2,861,345, 11-25-58, Cl. 33-125.
- Spencer, Rolf E., and G. H. Stephenson, to Electric & Musical Industries Ltd. Analog function generator. 2,864,555, 12-16-58, Cl. 235-61.
- Spencer, Roy C. Double parabolic cylinder pencil beam antenna. 2,825,063, 2-25-58, Cl. 343-837.
- Spencer Rubber Products Co.: *See*—
Johnson, Roy W., Jr. 2,860,233.
- Spencer, Samuel P., to Whitin Machine Works. Apparatus for drafting relatively long textile fibers. 2,856,643, 10-21-58, Cl. 19-141.
- Spencer, Sandra C., The Trust Estate: *See*—
Magee, Virgil S. 2,860,568.
- Spencer, Sidney H., to United States of America as represented by the Secretary of the Navy. Pneumatic coupler having radially moveable locking means. 2,827,312, 3-18-58, Cl. 285-18.
- Spencer, Virgil, to Armstrong Corp Co. Method for producing turn-block pattern floor covering. 2,827,103, 3-18-58, Cl. 154-26.
- Spencer, Virgil, to Armstrong Cork Co. Distributor. 2,838,153, 6-10-58, Cl. 193-23.
- Spencer, Warren V.: *See*—
Dinsmore, Robert L., and Spencer. 2,865,708.
- Spencer, William H. Apparatus for making elastic bands. 2,859,474, 11-11-58, Cl. 18-6.
- Spencer, William H., and J. D. Brown, to Ultra-Tach Co. Insulation mounting. 2,853,746, 9-30-58, Cl. 20-4.
- Spendel, Kurt, to Firma Otto Berning & Co. Device for mounting of covered buckles. 2,841,859, 7-8-58, Cl. 29-3.
- Spengler, Friedrich H.: *See*—
Justi, Eduard, and Spengler. 2,830,109.
- Speno, Martin J.: *See*—
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- Spera, Frank T., to Philco Corp. Combined microphone and telephone pickup for hearing aids. 2,829,202, 4-1-58, Cl. 179-1.
- Speranza, Joseph B.: *See*—
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- Sperber, Milton M.: *See*—
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- Sperber, Nathan: *See*—
Sherlock, Margaret H., and Sperber. 2,860,138.
- Villani, Frank J., and Sperber. 2,852,526.
- Sperber, Nathan, F. Villani, and D. Papa, to Schering Corp. Substituted piperidines. 2,833,775, 5-6-58, Cl. 260-294.7.
- Sperberg, Lawrence R., to Phillips Petroleum Co. Alkyl gallates as short stopping agents for the emulsion polymerization of synthetic rubbers. 2,848,443, 8-19-58, Cl. 260-84.3.
- Sperka, Charles. Wall cleaning device. 2,857,606, 10-28-58, Cl. 15-98.
- Sperlich, Herman A., to Ironrite, Inc. Cabinet stabilizer. 2,854,785, 10-7-58, Cl. 45-137.
- Sperling, Jacob G., to Emerson Radio & Phonograph Corp. Temperature-compensated transistor oscillator circuit. 2,825,813, 3-4-58, Cl. 250-36.
- Spero, George B.: *See*—
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- Herr, Milton E., and Spero. 2,842,573.
- Herr, Milton E., and Spero. 2,849,464.
- Hogg, John A., and Spero. 2,841,600.
- Magerlein, Barney J., Schneider, Sebek, and Spero. 2,835,545.
- Magerlein, Barney J., Schneider, Sebek, and Spero. 2,838,546.
- Magerlein, Barney J., Schneider, Sebek, and Spero. 2,838,547.
- Magerlein, Barney J., Schneider, Sebek, and Spero. 2,838,548.
- Magerlein, Barney J., Spero, Schneider, and Hogg. 2,838,498.
- Magerlein, Barney J., Spero, Schneider, and Hogg. 2,838,535.
- Magerlein, Barney J., Spero, Schneider, and Hogg. 2,838,536.
- Magerlein, Barney J., Spero, Schneider, and Hogg. 2,838,539.
- Magerlein, Barney J., Spero, Schneider, and Hogg. 2,838,541.
- Sebek, Oldrick K., Spero, and Thompson. 2,864,837.
- Spero, George B., and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process. 2,838,497, 6-10-58, Cl. 260-239.55.
- Spero, George B., B. J. Magerlein, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process. 2,838,499, 6-10-58, Cl. 260-239.55.
- Spero, George B., and J. A. Hogg, to The Upjohn Co. 6-halo-17 (20)-pregnenes. 2,838,532, 6-10-58, Cl. 260-397.45.
- Spero, George B., B. J. Magerlein, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process. 2,838,537, 6-10-58, Cl. 260-397.45.
- Spero, George B., B. J. Magerlein, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process. for preparing same. 2,838,538, 6-10-58, Cl. 260-397.45.
- Spero, George B., B. J. Magerlein, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process. 2,838,542, 6-10-58, Cl. 260-397.45.
- Spero, George B., B. J. Magerlein, W. P. Schneider, and J. A. Hogg, to The Upjohn Co. 6-fluoro steroids and process. 2,838,543, 6-10-58, Cl. 260-397.45.
- Spero, George B., and J. L. Thompson, to The Upjohn Co. Steroid compounds. 2,849,448, 8-26-58, Cl. 260-239.55.
- Speroni, Silvio A. Automatic cup dispensing and filling machine for fluids and semi-solids. 2,841,938, 7-8-58, Cl. 53-282.
- Sperr, Charles J., Jr., to Warner Electric Brake & Clutch Co. Electric control circuit. 2,860,262, 11-11-58, Cl. 307-137.
- Sperry, Albert F., to Panellit, Inc. Average flow indicating and recording system. 2,826,068, 3-11-58, Cl. 73-194.
- Sperry, Albert F., and R. J. Marmorstone, to Panellit, Inc. Control and annunciator system. 2,820,217, 1-14-58, Cl. 340-213.
- Sperry, Albert F., and R. A. Anderson, to Panellit, Inc. Line space memory and counter for electric typewriter. 2,825,620, 3-4-58, Cl. 346-34.
- Sperry Gyroscopic Co. Ltd.: *See*—
Barr, John D. 2,832,028.
- Sedgfield, Hugh B. 2,850,905.
- Sedgfield, Hugh B. 2,852,943.
- Sedgfield, Hugh B. 2,859,623.
- Seymour-Lee, Roger W. 2,852,940.
- Turvey, Wilfrid L. 2,829,333.
- Waloff, Dmitri, and Knight. 2,849,630.
- Sperry, Paul A. Sheet material feed control means and method. 2,852,252, 9-16-58, Cl. 271-2.1.
- Sperry, Paul A. Work handling apparatus. 2,852,257, 9-16-58, Cl. 271-79.
- Sperry, Pierce, to The Sperry Rubber and Plastics Co. Rubber bushing. 2,820,088, 1-14-58, Cl. 174-153.
- Sperry Products, Inc.: *See*—
Cowan, John V. 2,862,092.
- Demetriou, Kimon C. 2,839,726.
- Henry, Elliott A. 2,842,959.
- Henry, Elliott A. 2,851,599.
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- Krautkrämer, Josef, and Herbert. 2,838,930.
- Murdoch, Andrew M. 2,844,741.
- Neiley, Richard Y. 2,819,613.
- Van Valkenburg, Howard E., and Cook. 2,839,916.
- Sperry Rand Corp.: *See*—
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- Beach, Lennox F. 2,857,534.
- Best, Albert M. 2,851,310.
- Best, Albert M. 2,859,862.
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 Coombs, John M. 2,859,429.
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 Franck, Abraham, Simon, and Key. 2,857,100.
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 Hill, George B. 2,859,687.
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 Jones, Grandville R. 2,841,754.
 Jude, George F., and Halpert. 2,842,324.
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 Keating, William T. 2,820,191.
 Kellogg, Spencer, 2nd. 2,834,957.
 Kellogg, Spencer, 2nd. 2,860,335.
 Kenyon, David E. 2,825,842.
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 Kline, Frank W., Jr., and Daniels. 2,864,988.
 Koch, Earl E. 2,862,568.
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 Scheib, Richard, Jr., and Cronmeyer. 2,863,284.
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 Tarbox, John P. 2,863,380.
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 Thone, Karl, Olsen, Karkheck, and Samsonsen. 2,835,283.
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 Torrey, Robert D. 2,846,670.
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 Wesslund, Robert E., Mader, and Johnson. 2,861,260.
 West, James R. 2,848,029.
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 Wing, Willis G. 2,840,366.
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 Crooke, Raymond E. 2,837,929.
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- Spertus, Maurice: *See*—
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- Sperzel Co.: *See*—
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- Spethmann, Otto. Lighting torches. 2,836,043, 5-27-58, Cl. 67-55.
- Spetner, Norman, to Bianco Mfg. Co. Sanitary attachment for settee. 2,836,229, 5-27-58, Cl. 155-182.
- Spezia, John L.: *See*—
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- Speziale, Angelo J.: *See*—
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Hamm, Philip C., and Speziale. 2,864,683.
- Speziale, Angelo J., to Monsanto Chemical Co. Preparation of unsaturated cyanamides. 2,858,338, 10-28-58, Cl. 260-551.
- Speziale, Angelo J., to Monsanto Chemical Co. Selective method of inhibiting pre-emergent growth of grasses. 2,864,682, 12-16-58, Cl. 71-25.
- Speziale, Angelo J., to Monsanto Chemical Co. Herbicides. 2,864,684, 12-16-58, Cl. 71-27.
- Spezio, Thomas G.: *See*—
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- Spicacci, Attilio R., and J. W. Brady, to Federal-Mogul Corp. Bearing locking device. 2,835,519, 5-20-58, Cl. 287-52.09.
- Spicer, John J., Jr., to United Specialties Co. Vehicle turn signal equipment. 2,831,080, 4-15-58, Cl. 200-61.29.
- Spicer, John J., Jr., to United Specialties Co. of Illinois. Foot-operated turn signal apparatus. 2,846,533, 8-5-58, Cl. 200-61.27.
- Spicer, John J., Jr., to United Specialties Co. of Illinois. Vehicle turn indicating equipment. 2,856,482, 10-14-58, Cl. 200-86.5.
- Spickelmier, Carl F.: *See*—
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- Spicklemire, Betty S.: *See*—
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- Spiecker, Friedrich, F. Lubberger, deceased, by E. Lubberger, sole heir, to Siemens & Halske Akt. Telephone system of the relay type. 2,846,510, 8-5-58, Cl. 179-18.
- Spiegel, Edwin J., Jr., and R. J. Schoknecht, to Crown Zellerbach Corp. Carrying container. 2,860,771, 11-18-58, Cl. 206-65.
- Spiegel, Milton, and M. A. Lamb, to Chicago Pump Co. Method and apparatus for treating sewage sludge. 2,847,379, 8-12-58, Cl. 210-6.
- Spiegel, Robert M., to Tele-Dynamics Inc. Temperature compensated circuit. 2,854,606, 9-30-58, Cl. 317-149.
- Spiegelberg, Hans: *See*—
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- Spiegler, Louis: *See*—
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- Spiekerman, Henry D.: *See*—
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- Spier, George W.: *See*—
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- Spielman, James F.: *See*—
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- Spielmann, Willson A.: *See*—
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- Spielvogel, Rudolf J.: *See*—
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- Spier, Hans G., to Baldwin-Lima-Hamilton Corp. Free piston engines. 2,854,963, 10-7-58, Cl. 123-46.
- Spieler, Edward D. Photoelectric control system. 2,838,716, 6-10-58, Cl. 315-152.
- Spiering, Martinus J.: *See*—
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- Spiers, Walter A. Dispenser for powdered soap and the like. 2,833,445, 5-6-58, Cl. 222-189.
- Spies, Bernard, and I. C. Hirsch. Artificial tooth mounting. 2,833,037, 5-6-58, Cl. 32-10.
- Spies, George R., Jr., and H. Hooper, to Air Reduction Co., Inc. Pneumatic powder feeder. 2,821,439, 1-28-58, Cl. 302-53.
- Spieser, Louis, to Nibbit Products Association Ltd. Method of producing a food-stuff. 2,863,770, 12-9-58, Cl. 99-1.
- Spieß, Gustav, and K. Stutz, to Inventio Aktiengesellschaft. Device on elevators for stopping exactly at floor level. 2,828,832, 4-1-58, Cl. 187-29.
- Spieß, Karl: *See*—
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- Spieß, Newton E., Jr., and H. L. Henze, to National Dairy Products Corp. Valve closure assembly. 2,856,104, 10-14-58, Cl. 222-394.
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- Spiehl, Benjamin, to Modine Mfg. Co. Heat exchanger mounting. 2,863,645, 12-9-58, Cl. 257-137.
- Spiewak, Chester J.: *See*—
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- Spiezio, Anthony M. Blinker-equipped spectacles for bowlers. 2,825,065, 3-1-58, Cl. 2-13.
- Spiezio, John, and W. M. Gray. Telescoping head pole. 2,854,801, 10-7-58, Cl. 54-71.
- Spilke, Kisel. Non-sagging brassiere. 2,845,073, 7-29-58, Cl. 128-465.
- Spilker, George E. Fishing rod holder. 2,835,066, 5-20-58, Cl. 43-21.2.
- Spiller, Charles A., Jr.: *See*—
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- Spiller, Charles A., Jr., to Standard Oil Co. Paraxylene purification system. 2,866,833, 12-30-58, Cl. 260-674.
- Spiller, Gerard: *See*—
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- Spiller, William R., and T. H. Johnson, to Harris-Seybold Co. Multituit web press. 2,821,131, 1-28-58, Cl. 101-137.
- Spilman, Louis: *See*—
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- Spilo, Leon A., and M. Petitta, to Clairol Inc. Method and apparatus for hair treatment. 2,819,722, 1-14-58, Cl. 132-41.
- Spina, Anthony N., and A. S. Brown, to Skenandoa Rayon Corp. Method and apparatus for producing regenerated cellulose pellets. 2,820,984, 1-28-58, Cl. 18-2.4.
- Spincraft, Inc.: *See*—
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- Spindel, Motoren- und Maschinenfabrik A. G.: *See*—
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- Spindler, Joseph P., Jr., to Westinghouse Electric Corp. Rotary fluid handling apparatus. 2,843,357, 7-15-58, Cl. 253-78.
- Spindt, Roderick S., and J. H. Wright, to Gulf Research & Development Co. Process for removal of elemental sulfur from crude petroleum oils with an aliphatic diamine and an adsorbent. 2,852,436, 9-16-58, Cl. 196-24.
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- Spinello, Matt. Paint bucket holder. 2,855,170, 10-7-58, Cl. 248-211.
- Spingies, Erwin: *See*—
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- Spink, Leland K., to Rivett Lathe & Grinder, Inc. Flow controller. 2,838,030, 6-10-58, Cl. 121-45.
- Spink, Leland K., to The Foxboro Co. Fluid density measurement device. 2,847,850, 8-19-58, Cl. 73-30.
- Spink, Leland K., and C. D. Young, to The Foxboro Co. Balance starter mechanism. 2,845,121, 7-29-58, Cl. 161-15.
- Spink, Paul L., to Claude C. Slate Co. Fluid operated chuck. 2,864,623, 12-16-58, Cl. 279-4.
- Spinks, Willard A.: *See*—
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- Spinner, Isidore. Table and rack for binding apparatus. 2,850,341, 9-2-58, Cl. 311-3.
- Spinner, Isidore, and A. J. Braun, to Plastic Binding Corp. Inserters for plastic binders. 2,840,834, 7-1-58, Cl. 11-1.
- Spinnfaser Aktiengesellschaft: *See*—
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- Spinoso, Daniel. Grass rake and grapple. 2,840,978, 7-1-58, Cl. 56-400.04.
- Spinsavac Corp.: *See*—
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- Spire, Harold: *See*—
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- Spiro, Harry and A. P. Artificial tooth. 2,819,525, 1-14-58, Cl. 32-9.
- Spiro, Samuel. Drawers having a protective covering over the rectal area thereof. 2,821,196, 1-28-58, Cl. 128-283.
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- Spisak, Andrew A., to The Warner & Swasey Co. Faller bar and method of making same. 2,860,381, 11-18-58, Cl. 19-129.
- Spisak, Andrew A., to The Warner & Swasey Co. Molding apparatus. 2,862,235, 12-2-58, Cl. 18-22.
- Spisak, Andrew A., to The Warner & Swasey Co. Gill box. 2,862,248, 12-2-58, Cl. 19-129.
- Spiselman, Phillip P. Filter-supporting funnel. 2,859,878, 11-11-58, Cl. 210-541.
- Spitz, Armand N. Planetarium projector. 2,827,827, 3-25-58, Cl. 88-24.
- Spitz, Armand N., and G. L. Stitely. Movable star image projector for planetariums. 2,827,829, 3-25-58, Cl. 88-24.
- Spitz, Henry. Garment supporting device. 2,822,967, 2-11-58, Cl. 223-88.
- Spitz, John A., to Odin Corp. Wire insert for tires. 2,832,392, 4-29-58, Cl. 152-211.
- Spitz, Peter H., and G. P. Canevari, to Esso Research and Engineering Co. Apparatus for the combustion of fluid coke. 2,833,632, 5-6-58, Cl. 23-288.

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- Spitzer, William L. Watchmaker's drill press for use with a lathe. 2,837,938, 6-10-58, Cl. 77-5.
- Spitzmesser, Gordon L. Auxiliary hand truck for hand truck assemblies. 2,827,190, 3-18-58, Cl. 214-621.
- Spitzmesser, Gordon L. Expendable dispensing-type oil can. 2,854,175, 9-30-58, Cl. 222-209.
- Spodig, Heinrich. Magnetic device. 2,855,786, 10-14-58, Cl. 74-210.
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- Spohn, James E., and F. E. Wiley, to The Firestone Tire & Rubber Co. Prevention of die-facing of thermoplastic filaments. 2,821,744, 2-4-58, Cl. 18-8.
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- Spomer, Roland J., to Olin Mathieson Chemical Corp. Process for preparation of cyclonite. 2,859,215, 11-4-58, Cl. 260-248.
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- Sponsel, Charles. Paper clips. 2,822,593, 2-11-58, Cl. 24-66.
- Spontelli, Leonard P., to The Cleveland Pneumatic Tool Co. Screw cleaning device. 2,818,745, 1-7-58, Cl. 74-459.
- Spontelli, Leonard P., to The Cleveland Pneumatic Tool Co. Ball screw. 2,833,156, 5-6-58, Cl. 74-459.
- Spooher, Norman F., to The Hoskins Mfg. Co. Nickel base alloy for use as electrical resistance element. 2,858,208, 10-28-58, Cl. 75-171.
- Sporer, Anthony G., to Libbey-Owens-Ford Glass Co. Spray nozzle for use in bedding glass plates or grinding and polishing. 2,865,676, 12-23-58, Cl. 299-153.
- Sporlan Valve Co.: *See*—
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- Spott, Louis H. Method and apparatus for making honeycomb material. 2,821,616, 1-28-58, Cl. 219-78.
- Spott, Robert C.: *See*—
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- Spott, Robert C., to Hexcel Products Inc. Light diffusing assembly. 2,825,800, 3-4-58, Cl. 240-78.
- Spotten, Douglas L.: *See*—
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- Spracklen, John G.: *See*—
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Adler, Robert, and Spracklen. 2,852,599.
- Spracklen, John G., to Zenith Radio Corporation. Scanning generator. 2,846,582, 8-5-58, Cl. 250-36.
- Sprague, Basil S.: *See*—
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- Sprague, Boyd F. Dental instrument. 2,823,455, 2-18-58, Cl. 32-33.
- Sprague Electric Co.: *See*—
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- Sprague, Gale C. Deviation of light by utilizing electrical field. 2,836,652, 5-27-58, Cl. 178-76.
- Sprague, George S.: *See*—
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- Sprague, James M., and E. M. Schultz, to Merck & Co., Inc. Gamma-keto-tertiary amines and derivatives thereof. 2,835,676, 5-20-58, Cl. 260-294.7.
- Sprague, Lindol H.: *See*—
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- Sprague, Stephen A., to Lab Products, Inc. Fluid-actuated waste disposal unit. 2,832,516, 4-29-58, Cl. 241-46.
- Sprague, Theodore S.: *See*—
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- Sprague, Theodore S., to The Babcock & Wilcox Co. Pulverized fuel gasifier using exhaust of steam powered pulverizer as fuel carrier medium. 2,851,346, 9-9-58, Cl. 48-206.
- Sprague, Theodore S., to The Babcock & Wilcox Co. Cylindrical section casing supported water tube boiler. 2,852,002, 9-16-58, Cl. 122-333.
- Sprague, Theodore S., and E. E. Schoessow, to The Babcock & Wilcox Co. Synthesis gas reactor with fluid cooled jacket for the reaction chamber. 2,840,050, 6-24-58, Cl. 122-338.
- Sprague, Wesley L., to Bendix Aviation Corp. Injector valve. 2,842,159, 7-8-58, Cl. 137-513.7.
- Sprando, Anthony E., to Iron Fireman Mfg. Co. High speed relay. 2,823,281, 2-11-58, Cl. 200-87.
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- Spremulli, Paul F., to Corning Glass Works. Glass stirring. 2,831,664, 4-22-58, Cl. 259-107.
- Spreng, Warren M., to The F. E. Myers & Bro. Co. Fan support for blower. 2,849,174, 8-26-58, Cl. 230-116.
- Sprenger, John H., and R. L. Jefferson. Portable roadside signal. 2,855,890, 10-14-58, Cl. 116-173.
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- Spretnjak, Steve A., and D. L. Rutter, to Excel Corp. Driver's sash assembly. 2,852,816, 9-23-58, Cl. 20-52.
- Sprick, Walter, to International Business Machines Corp. Character reader. 2,838,602, 6-10-58, Cl. 178-15.
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- Spriggs, George E., to British Sugar Corp. Ltd. Package wrapping machines. 2,846,834, 8-12-58, Cl. 53-232.
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- Spring, Frank S. Safety harness. 2,864,437, 12-16-58, Cl. 155-189.
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- Spring Machinery Co.: *See*—
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- Springate, Norman, to Canadian Forest Products Ltd. Pulp wood chipper feeds. 2,838,080, 6-10-58, Cl. 144-242.
- Springer, Edward M., and F. K. Moore, to The Heyer Co. Duplicating machine. 2,830,534, 4-15-58, Cl. 101-132.5.
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Stokes, Jeffrey R., and Springer. 2,336,070.
- Springer, Fred M. Trolley taps. 2,840,665, 6-24-58, Cl. 200-115.5.
- Springer, Hans, to General Electric Co. Electric timing device. 2,864,231, 12-16-58, Cl. 58-23.
- Springer, Henry A. Patellar needle. 2,833,284, 5-6-58, Cl. 128-340.
- Springer, Henry A. Fascia cutter and carrier. 2,834,349, 5-13-58, Cl. 128-305.
- Springer, Henry A. Facial kits. 2,853,594, 9-23-58, Cl. 240-4.2.
- Springfield Boiler Co.: *See*—
Rehm, Gustav A. 2,852,004.
Rehm, Gustav A. 2,858,809.
Rehm, Gustav A. 2,865,342.
Rehm, Gustav A. 2,865,343.
- Springfield Metallic Casket Co., Inc., The: *See*—
Harter, Edgar F. 2,839,814.
- Springfield Tent & Awning Co., The: *See*—
Lemen, Charles W. 2,825,352.

- Sprink, Harry B., to L-W Chuck Co. Vise with an adjustable support for a locking plate. 2,846,907, 8-12-58, Cl. 81-17.
- Sprole, Robert R. Fluid measuring mechanism for filling machines. 2,827,207, 3-18-58, Cl. 222-217.
- Spronken, Jacques P. Viscous ingredient dispensing apparatus. 2,841,098, 7-1-58, Cl. 107-8.
- Sproul, Nolte V., to Automatic Steel Products, Inc. Centrifugal clutch construction. 2,852,117, 9-16-58, Cl. 192-103.
- Sproule, Lorne W., and J. H. Norton, to Esso Research and Engineering Co. Textile oil. 2,839,464, 6-17-58, Cl. 252-8.9.
- Sproull, Reavis C., and D. L. Kenaga, to Sprague Electric Co. Method for producing a high density paper. 2,822,855, 2-11-58, Cl. 154-2.6.
- Sprouse, Norbert L. Weatherproof storage cabinet. 2,865,529, 12-23-58, Cl. 220-34.
- Sprouse, Verner E., to Vernco Corp. Rotary engine. 2,850,262, 9-2-58, Cl. 253-86.
- Sprouse, Verner E., and T. P. Jordan, to Vernco Corp. Garment hanger unit. 2,839,261, 6-17-58, Cl. 248-303.
- Sprout, Oliver S., Jr.: *See*—
Mockrin, Isadore, and Sprout. 2,830,876.
- Sprout, Oliver S., Jr., to Pennsalt Chemicals Corp. Stabilization of solutions containing peroxygen compounds. 2,838,459, 6-10-58, Cl. 252-186.
- Sprout, Waldron & Co., Inc.: *See*—
Fisher, Chester D. 2,845,036.
Fisher, Chester D. 2,865,210.
Fisher, Chester D., and Marechal. 2,865,521.
Grahek, Joseph L. 2,849,806.
- Spro, James H.: *See*—
Stuellein, William H., and Spro. 2,866,047.
- Spruance, Frank P., Jr., and N. J. Newhard, Jr., to Amchem Products, Inc. Process and composition for coating aluminum surfaces. 2,851,385, 9-9-58, Cl. 148-6.2.
- Sprung, Joseph A., to General Aniline & Film Corp. Light-sensitive photographic elements containing bis-azopyrazolones bleachable in ferriyanide compositions. 2,857,277, 10-21-58, Cl. 96-84.
- Sprunk, Claude P.: *See*—
Keating, Bernard H., and Sprunk. 2,841,418.
- Spugios, Aristos G. Artificial bait with air passageway. 2,865,129, 12-23-58, Cl. 43-42.06.
- Spuhler, Roland, to Akt. Brown, Boveri & Cie. Device to regulate the direct current motors for the coil rolls of a rewinder. 2,837,705, 6-3-58, Cl. 318-7.
- Spumalit-Anstalt: *See*—
Viell, Otto. 2,858,195.
- Spurlin, William V., to Syntron Co. Torsion bar mounted vibratory motors. 2,821,292, 1-28-58, Cl. 198-220.
- Spurlin, William V., to Syntron Co. Electromagnetic reciprocating hammer. 2,861,778, 11-25-58, Cl. 255-37.
- Spurling, Nelson E. Gun boresight. 2,819,527, 1-14-58, Cl. 33-46.
- Spyut, Albert B.: *See*—
Levy, Irving E., Mockus, and Spyut. 2,827,598.
- Square Mfg. Co.: *See*—
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Arnett, Leslie, and Freise. 2,840,274.
- Square D Co.: *See*—
Anger, Ernest G. 2,855,555.
Anger, Ernest G., Mierendorf, and Porter. 2,848,604.
Bonness, Paul H. 2,821,751.
Goudy, Paul R., and Gribble. 2,848,584.
Goudy, Paul R., Sedgewick, and Gribble. 2,832,873.
Goudy, Paul R., and Stock. 2,822,450.
Jackson, John G. 2,851,538.
Kingdon, Ralph H. 2,850,916.
Magin, Francis W. 2,852,654.
Mekelburg, Earl F. 2,832,850.
Mekelburg, Earl F. 2,851,545.
Mierendorf, Robert C., and Porter. 2,844,709.
Mueller, Armand G. 2,839,714.
Pettit, Dorn L. 2,836,685.
Pettit, Dorn L., and Gould. 2,848,673.
Schaefer, Carl A., Kiessling, and Mekelburg. 2,822,439.
Simkins, Leon L. 2,842,741.
Stanback, Harris I., and Kingdon. 2,822,446.
Stock, Howard P. 2,860,206.
Van Valkenburg, Hermon L. 2,851,556.
- Squassoni, Gino F.: *See*—
Rossetto, Louis, Squassoni, Coleman, and Gorrill. 2,847,919.
- Squibb, George R.: *See*—
Groener, George E., and Squibb. 2,845,525.
- Squibb, George R., to General Motors Corp. Ring forming method and apparatus. 2,827,688, 3-25-58, Cl. 29-156.6.
- Squier, Bertrand W., Jr., to Raytheon Mfg. Co. Simplified cathode ray tubes and guns therefor. 2,859,366, 11-4-58, Cl. 313-82.
- Squier, Robert C.: *See*—
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- Squiller, Samuel. Rotary indexing table. 2,833,164, 5-6-58, Cl. 74-821.
- Squindo, Wilhelm, to M. Jeannet. Casing. 2,845,322, 7-29-58, Cl. 312-233.
- Squire, Edmund M.: *See*—
Corbin, Milford H., Lippe, Yater, Goodwin, Drinjak, and Squire. 2,848,019.
- Squire, Herbert D., to Midwest Mfg. Corp. Refrigerator door safety release. 2,823,940, 2-18-58, Cl. 292-92.
- Squire, John R., and D. S. Rowe, to National Research Development Corp. Penetrating instruments such as hypodermic needles and their use in an imbibition pressure meter. 2,840,069, 6-24-58, Cl. 128-2.
- Squire, Major, C. W. Turner, and B. Stevens, to Thorn Electrical Industries Ltd. Instrument panel illuminator. 2,823,299, 2-11-58, Cl. 240-8.16.
- Squire, William: *See*—
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Hertzberg, Abraham, Glick, and Squire. 2,832,666.
- Squires, William K., to Sylvania Electric Products, Inc. Television receiver. 2,819,334, 1-7-58, Cl. 178-5.4.
- Squires, William K., to Sylvania Electric Products, Inc. Carrier suppressed modulator. 2,844,798, 7-22-58, Cl. 332-44.
- Squitieri, Lawrence A.: *See*—
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- Sramek, Elmer D.: *See*—
Engleson, Harry E., and Sramek. 2,827,148.
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- Sramek, Elmer D., to F. B. Redington Co. Container. 2,835,378, 5-20-58, Cl. 206-45.21.
- Sreb, Jules H. Combination-lock wheel. 2,856,765, 10-21-58, Cl. 70-333.
- Sribny, Bohdan. Releasable airplane chair with parachute. 2,847,174, 8-12-58, Cl. 244-141.
- Srofe, Jesse. Packaging and merchandising device. 2,854,183, 9-30-58, Cl. 229-34.
- Sroog, Cyrus E.: *See*—
Izard, Emmette F., and Sroog. 2,865,892.
- Staaf, Gustaf A. Liquid strooping apparatus. 2,827,268, 3-18-58, Cl. 259-96.
- Staaf, Werner I. Mount for display letters or the like and method of mounting letters. 2,835,060, 5-20-58, Cl. 40-140.
- Staar, Marcel J. H. Means for centering gramophone records. 2,838,315, 6-10-58, Cl. 274-39.
- Staats, Gustav W., to Allis-Chalmers Mfg. Co. Stator coil transposition. 2,830,208, 4-8-58, Cl. 310-213.
- Staats, James E., to General Electric Co. Broiling oven. 2,844,702, 7-22-58, Cl. 219-35.
- Staats, William A., to The F. E. Myers and Bros. Co. Fluid motor piston. 2,862,478, 12-2-58, Cl. 121-123.
- Staatsbedrijf der Posterijen Telegrafie en Telefonie: *See*—
Bol Raap, Bastiaan E. 2,857,714.
Kosten, Leendert. 2,833,863.
Lutz, Antonius J. 2,858,420.
Oberman, Roelof M. M. 2,853,552.
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Snijders, Antonie. 2,850,567.
- Stabenau, Robert: *See*—
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- Stabholz, Ludwig M. Lumbar traction apparatus. 2,835,247, 5-20-58, Cl. 128-78.
- Stacey, Ernest F.: *See*—
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- Stacey, Gilbert J.: *See*—
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- Stacey, Hugh J., to The New York Air Brake Co. Control valve with relief and unloading means. 2,856,960, 10-21-58, Cl. 137-621.
- Stacherl, John: *See*—
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- Stachowicz, Joseph: *See*—
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- Stack, Emmet G. Grain door. 2,838,807, 6-17-58, Cl. 20-35.
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- Stack, Mary E. Method of giving peristaltic enemas. 2,832,341, 4-29-58, Cl. 128-227.
- Stack, Vernon T., to Hanes Hosiery Mills Co. Brake means. 2,829,740, 4-8-58, Cl. 188-83.
- Stack, Vernon T., and E. E. Knox, to Hanes Hosiery Mills Co. Yarn clamping and severing mechanism for knitting machines. 2,824,436, 2-25-58, Cl. 66-140.
- Stackhouse, James L., Jr.: *See*—
Hollyday, James H., and Stackhouse. 2,864,477.
- Stackhouse, Wells, to American Locker Co., Inc. Coin controlled service unit dispensers. 2,818,955, 1-7-58, Cl. 194-4.
- Stackhouse, Wells, to American Locker Co., Inc. Multi-barrel lock. 2,834,195, 5-13-58, Cl. 70-339.
- Stackpole Carbon Co.: *See*—
Kiefer, Edwin F. 2,819,989.
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Smisko, Paul. 2,860,076.
- Stacy, Charles L., Jr.: *See*—
Chamberlain, Malcolm, Rigterink, and Stacy. 2,820,775.

- Stacy, John T., to United States of America, Atomic Energy Commission. Neutronic reactor fuel element. 2,863,516, 12-9-58, Cl. 204—193.2.
- Stacy, Robert G., to The Budd Co. Enclosed dual-disk brakes for vehicles. 2,848,072, 8-19-58, Cl. 188—59.
- Stadelmann, Fritz: *See—*
Freund, Herman R., Stadelmann, and Youngquist. 2,826,973.
- Stadelmann, Rudolf, to Machine Tool Works Oerlikon, Administration Co. Magazine arrangement for medium calibre guns. 2,825,991, 3-11-58, Cl. 42—50.
- Stader, Otto. Device for removing fish hooks. 2,836,004, 5-27-58, Cl. 43—33.5.
- Stadler, Henry L., to Bell Telephone Laboratories, Inc. Barium titanate memory device. 2,860,322, 11-11-58, Cl. 340—173.
- Staebler, Lloyd A.: *See—*
Schaefer, Harold W., Staebler, and Speicher. 2,851,366.
- Staecker, William, and W. H. Kitto, to E. W. Bliss Co. Single action press drive. 2,822,696, 2-11-58, Cl. 74—44.
- Staeger, Stephen A.: *See—*
Bazter, Joseph, Jr., and Staeger. 2,835,144.
- Staeger, Werner, and O. Harr. Device for influencing engine fuel delivery by two mutually independent operating conditions. 2,858,822, 11-4-58, Cl. 123—140.
- Staeger, Reinhard: *See—*
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- Staeger, Rudolf, and R. Steimmeyer, to Quarzlampen Gesellschaft m. b. H. Copying machine. 2,860,875, 11-18-58, Cl. 271—21.
- Staehelin, Alexander: *See—*
Hueni, Albrecht, and Staehelin. 2,824,103.
- Staehelin, Alexander, to Ciba Pharmaceutical Products, Inc. Pyridazine derivatives. 2,835,671, 5-20-58, Cl. 260—250.
- Staehler, Robert E.: *See—*
Davis, Richard C., and Staehler. 2,830,285.
- Stafford, Alec W., to T. M. M. (Research) Ltd. Periodic mechanism. 2,830,456, 4-15-58, Cl. 74—53.
- Stafford, John C.: *See—*
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- Stafford, Paris H.: *See—*
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- Stafford, William C., to Eaton Mfg. Co. Apparatus for applying hard-facing material. 2,856,894, 10-21-58, Cl. 118—47.
- Stafiej, Stanley F., to American Cyanamid Co. Preparation of esters of an oxy acid of boron. 2,862,951, 12-2-58, Cl. 260—462.
- Stafosky, Charles. Multi-compartment handbag. 2,851,076, 9-9-58, Cl. 150—28.
- Stage, Ernst E., to Nydqvist & Holm Aktiebolag. Device for reduction of runaway speeds of propeller turbines with adjustable runner blades. 2,840,344, 6-24-58, Cl. 233—143.
- Stagg, Charlene B.: *See—*
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- Stagg, Edward R.: *See—*
Sternburgh, Charles E. 2,854,537.
- Sta-Hi Corp.: *See—*
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- Stahl, Alfred R., to General Electric Co. Pick-up device. 2,823,917, 2-18-58, Cl. 271—43.
- Stahl, Alfred R., to General Electric Co. Element feeding arrangement. 2,845,164, 7-29-58, Cl. 198—33.
- Stahl, Alfred R., to General Electric Co. Multiple grid assembly device. 2,853,769, 9-30-58, Cl. 29—203.
- Stahl, Erich, to Metallgesellschaft Aktiengesellschaft. Process for the production of sulfuric acid by the contact process. 2,819,947, 1-14-58, Cl. 23—167.
- Stahl, Lloyd E., to Woodall Industries, Inc. Head liner assembly. 2,823,951, 2-18-58, Cl. 296—137.
- Stahl, R., Maschinenfabrik: *See—*
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- Stahl, Robert J.: *See—*
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Moseley, Tomlinson I., and Stahl. 2,841,637.
- Stahl, Robert J., and N. L. Heikes, to California Technical Industries. Color television camera. 2,827,512, 3-18-58, Cl. 178—54.
- Stahl, William F., to Minneapolis-Honeywell Regulator Co. Controller. 2,836,367, 5-27-58, Cl. 236—98.
- Stahl, William F., and H. T. Blair, Jr. Method of forming a tube structure for electrical applications. 2,829,700, 4-8-58, Cl. 154—2.6.
- Stahlgruber, Otto Gruber & Co.: *See—*
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Gruber, Wilhelm. 2,855,014.
- Stahlhuth, Arthur H.: *See—*
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- Stahlhuth, Arthur H., to General Motors Corp. Exhaust pipe resilient support mount. 2,841,348, 7-1-58, Cl. 248—65.
- Stahmer, Bernhardt. Method of manufacturing potato chips. 2,825,649, 3-4-58, Cl. 99—100.
- Stahn, Luise G. C.: *See—*
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- Staib, John H., W. R. F. Guyer, and O. C. Slotterbeck, to Esso Research and Engineering Co. Ketone synthesis. 2,864,864, 12-16-58, Cl. 260—597.
- Staiger, Eugene L.: *See—*
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- Stalger, Kurt, to Stewart-Warner Corp. Pneumatically operated valve. 2,865,593, 12-23-58, Cl. 251—30.
- Stainbrook, Charles A., and C. E. Hoffhine, to Abbott Laboratories. Water-soluble salt of erythromycin. 2,850,982, 4-15-58, Cl. 260—210.
- Stainton, Dudley E., to National Research Development Corp. Collets. 2,862,718, 12-2-58, Cl. 279—59.
- Staker, William P., R. B. Jacobs, and A. C. Borg, to Standard Oil Co. Radioactive inspection of housings. 2,843,755, 7-15-58, Cl. 250—106.
- Stalcup, Robert E.: *See—*
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- Stalder, Oskar. Magnetic mechanism for regulating the speed of shafts. 2,819,416, 1-7-58, Cl. 310—93.
- Stalder, William L.: *See—*
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- Stalego, Charles J.: *See—*
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- Staley, A. E., Mfg. Co.: *See—*
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- Staley, Ernest G. Spring energized braking systems. 2,852,316, 9-16-58, Cl. 303—2.
- Staley, Wilbur R. High chair tray having plate-anchoring means. 2,865,697, 12-23-58, Cl. 311—103.
- Sta-lit Lighter Co.: *See—*
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- Stalker, Charles D., to Bendix Aviation Corp. Electron discharge device. 2,826,712, 3-11-58, Cl. 315—5.23.
- Stalker Development Co., The: *See—*
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Stalker, Edward A. 2,834,573.
Stalker, Edward A. 2,838,273.
Stalker, Edward A. 2,850,229.
Stalkner, Edward A. 2,858,100.
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- Stalker, Edward A., to The Stalker Development Co. Rotor construction and fabrication. 2,823,889, 2-18-58, Cl. 253—39.
- Stalker, Edward A. Process for fabricating hollow blades for compressors, turbines, and the like. 2,825,794, 3-4-58, Cl. 219—149.
- Stalker, Edward A. Axial flow compressors with circular arc blades. 2,830,753, 4-15-58, Cl. 230—120.
- Stalker, Edward A. Compressors. 2,830,754, 4-15-58, Cl. 230—122.
- Stalker, Edward A., to The Stalker Development Co. Rotor construction for fluid machines. 2,834,573, 5-13-58, Cl. 253—39.
- Stalker, Edward A., to The Stalker Development Co. Dampers for axial flow blades. 2,838,273, 6-10-58, Cl. 253—77.
- Stalker, Edward A. Supersonic axial flow compressors. 2,839,239, 6-17-58, Cl. 230—122.
- Stalker, Edward A., to Stalker Development Co. Axial flow compressor construction. 2,850,229, 9-2-58, Cl. 230—134.
- Stalker, Edward A., to The Stalker Development Co. Blade structure for turbines and the like. 2,858,100, 10-28-58, Cl. 253—39.15.
- Stalker, Edward A. Radial diffusion compressors having reduced rotor exits. 2,859,909, 11-11-58, Cl. 230—120.
- Stalker, Edward A. Stators for axial flow compressors. 2,859,910, 11-11-58, Cl. 230—120.
- Stalker, Edward A., to The Stalker Development Co. Hollow blades and manufacture thereof. 2,863,633, 12-9-58, Cl. 253—39.15.
- Stalker, Edward A., to The Stalker Development Co. Fabricated bladed structures for axial flow machines. 2,866,616, 12-30-58, Cl. 253—39.
- Stalker, Robert C. Supply bobbin mount for spinning machines, etc. 2,846,163, 8-5-58, Cl. 242—130.
- Stallard, David V., and D. J. Lovell, to United States of America, Air Force. Spectrometer control. 2,866,901, 12-30-58, Cl. 250—43.5.
- Stallard, Ralph M., to General Motors Corp. Solenoid operated air valve. 2,865,400, 12-23-58, Cl. 137—623.
- Stallard, Ross G. Adjustable chair seat. 2,843,182, 7-15-58, Cl. 155—88.
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- Stalle, George E., 33 $\frac{1}{4}$ % to C. F. Spickelmier, 33 $\frac{1}{4}$ % to E. S. Greer, and 33 $\frac{1}{4}$ % to B. S. Spickelmire. Metal window structure. 2,842,235, 7-8-58, Cl. 189—73.
- Staller, Anton: *See—*
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- Staller, Karel J.: *See—*
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- Stallings, Percy S., Jr., and J. W. Clark, to Phillips Petroleum Co. Treatment of metal halide sludges. 2,852,582, 9-16-58, Cl. 260—683.53.
- Stam, Stephen A.: *See—*
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- Stamatoff, Geln S.: *See—*
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- Stambaugh, Clayton E.: *See—*
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- Stamberger, Andrew : *See*—
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- Stamberger, Paul. Diapers. 2,860,637, 11-18-58, Cl. 128—284.
- Stanford Engineered Products Co., Inc., The : *See*—
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Slot, Willem. 2,819,955.
Soeterbroek, Johannes C., and Zeegers. 2,828,307.
- Stamler, William R. Wheeled lift truck. 2,826,997, 3-18-58, Cl. 104—162.
- Stamm, Alexander F., to Chrysler Corp. Tractor-trailer air-stream control kit. 2,863,695, 12-9-58, Cl. 296—1.
- Stamm, Orville L. Implement for perforating a cigarette. 2,854,010, 9-30-58, Cl. 131—170.
- Stamm, Robert F., and P. A. Button, to American Cyanamid Co. Device for the measurement of absolute turbidity. 2,858,727, 11-4-58, Cl. 88—14.
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Holly, Frederick W., and Stammer. 2,840,565.
- Stammerjohn, Lambert W., to Bell Telephone Laboratories, Inc. Magnetic amplifiers. 2,843,813, 7-15-58, Cl. 318—207.
- Stamos, Chris, and J. J. Huey, to The United Electric Coal Companies. Suspension idler. 2,862,607, 12-2-58, Cl. 198—192.
- Stamp, Hugo O. Wheeled golf club carrier provided with combined folding seat and carrying strap. 2,858,140, 10-28-58, Cl. 280—36.
- Stampe, Gerhard K. E. H., to Firma Dragerwerk, Heinh. & Bernh. Drager. Dust respirator. 2,859,747, 11-11-58, Cl. 128—146.
- Stampe, Gerhard K. E. H., and H. O. Tietze, to O. H. Drager. Support for filter material. 2,840,184, 6-24-58, Cl. 183—49.
- Stampfl, Rudolf A., to United States of America, Army. Pulse converting circuit. 2,866,896, 12-30-58, Cl. 250—27.
- Stampfli, Joseph G. : *See*—
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- Stampings, Inc. : *See*—
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- Stamps, James C., to Standard Electric Co., Inc. Apparatus and process for manufacturing dry charged storage batteries. 2,831,669, 4-22-58, Cl. 263—40.
- Stanavice, Benedict : *See*—
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- Stanback, Harris L., and R. H. Kingdon, to Square D Co. Electric circuit controlling device. 2,822,446, 2-4-58, Cl. 200—114.
- Stanbro, Forest M. Seals for rotating shafts. 2,866,655, 12-30-58, Cl. 286—11.
- Stanchus, Frank T., to Union Carbide Corp. Argon shielded arc welding. 2,856,509, 10-14-58, Cl. 219—74.
- Standard Brands Inc. : *See*—
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- Standard Button Machine Co., Inc. : *See*—
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- Standard Oil Co. (Indiana) : *See*—
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- Standish, Myles, and W. D. Shadwick, to Omaha Standard, Inc. Hopper. 2,836,332, 5-27-58, Cl. 222-502.
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- Stange, Ferdinand F., and C. P. Bullard, to Foster Machine Co. Slub-catching device. 2,844,861, 7-29-58, Cl. 28-64.
- Stanger, Hans, and H. Lemme, to Badische Anilin- & Soda Fabrik Aktiengesellschaft. Process and composition for breaking petroleum emulsions. 2,828,268, 3-25-58, Cl. 252-336.
- Stangl, Morraine E., to Eitel-McCullough, Inc. Electron tube. 2,859,372, 11-4-58, Cl. 313-250.
- Stangle, Arthur T., and W. F. Primus. Pattern sprinkler. 2,824,765, 2-25-58, Cl. 299-18.
- Stanhope, John E., and W. H. Paetzold, Jr., to National Vendors, Inc. Vending machine pull rod ejector mechanism. 2,865,226, 12-23-58, Cl. 74-565.
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- Stanko, Stefan, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Process of preparing carbon electrodes and a paste therefor. 2,848,424, 8-19-58, Cl. 252-502.
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- Stanton, Francis L. Illuminated traffic signal. 2,825,898, 3-4-58, Cl. 340-321.
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- Stanley, Lester N., and S. M. Roberts, to General Aniline & Film Corp. Process of preparing 2-hydroxy-4-alkoxybenzophenones. 2,861,105, 11-18-58, Cl. 260-591.
- Stanley, Paul H. Animated display device. 2,858,643, 11-1-58, Cl. 46-100.
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- Stanley, Robert M., to Stanley Aviation Corp. Aircraft safety belt latch with parachute release lanyard attaching means. 2,840,327, 6-24-58, Cl. 244-122.
- Stanley, Thomas O., to Radio Corp. of America. High input impedance transistor amplifier circuits. 2,858,379, 10-28-58, Cl. 179-171.
- Stanley, Thomas O., to Radio Corp. of America. Semi-conductor amplifier circuit. 2,860,195, 11-11-58, Cl. 179-171.
- Stanley, Thomas O., to Radio Corp. of America. Audio amplifier bridge input circuits. 2,866,859, 12-30-58, Cl. 179-171.
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- Stanly, Albert L., to Hughes Aircraft Co. Stabilized self-propelled missile. 2,835,199, 5-20-58, Cl. 102-50.
- Stanphill, Ray, to Collins Radio Co. Circuit for selecting both upper and lower sidebands. 2,848,687, 8-19-58, Cl. 332-45.
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- Stansbury, Harry A., Jr., and H. R. Guest, to Union Carbide Corp. Triply unsaturated 1,3-dioxolanes and process for their preparation. 2,862,007, 11-25-58, Cl. 260-340.9.
- Stansbury, Harry A., Jr., and H. R. Guest, to Union Carbide Corp. Ethyl-3-chloro-2-hydroxy-3-butenolate. 2,865,952, 12-23-58, Cl. 260-484.
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- Stansbury, Roy E., and L. D. Goodhue, to Phillips Petroleum Co. Nematoecidal cycloparaffin compositions and method of using same. 2,864,735, 12-16-58, Cl. 167-22.
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- Stansfield, Charles B., to Harrington Mfg. Co. Inc. Cotton stripper unit with moving comb elements. 2,830,425, 4-15-58, Cl. 56-35.
- Stansfield, Hamill, and J. Edge, to Carney-Stansfield Co. Pump or motor. 2,839,008, 6-17-58, Cl. 103-173.
- Stanton, Arthur J.: *See—*
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- Stanton, Austin N. Conductive fluid type electromagnetic device. 2,850,652, 9-2-58, Cl. 310-11.
- Stanton, Elbert. Oral alphabet and word teaching machine. 2,855,703, 10-14-58, Cl. 35-35.
- Stanton, George T., and R. H. Sherman, Jr., to Dictaphone Corp. Indicator marking system for dictating machines. 2,843,386, 7-15-58, Cl. 274-17.
- Stanton, George W., C. W. Davis, and T. C. Spence, to The Dow Chemical Co. Process of making colorless aqueous saline solutions of polyacrylonitrile. 2,837,492, 6-3-58, Cl. 260-29.6.
- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. Stabilized compositions comprised of polymers and copolymers of acrylonitrile and method for their preparation. 2,860,121, 11-11-58, Cl. 260-45.9.
- Stanton, Lyman S., to California Research Corp. Temperature controller for an adiabatic vessel. 2,843,714, 7-15-58, Cl. 219-20.
- Stanton, Ray W., Jr. Tensioning devices. 2,856,077, 10-14-58, Cl. 211-119.9.
- Stanton, Robert J.: *See—*
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- Stanton, Robert J., and W. C. Rudd, to Magnetic Heating Corp. Tube welding. 2,833,910, 5-6-58, Cl. 219-59.
- Stanton, Robert J., and W. C. Rudd, to Magnetic Heating Corp. Reactors for high frequency current. 2,856,499, 10-14-58, Cl. 219-10.75.
- Stanton, Stan. Composite chemical fire kindler. 2,854,321, 9-30-58, Cl. 44-39.
- Stanworth, John E., H. Rawson, and M. Knowles, to The British Thomson-Houston Co. Ltd. Surface treatment of molybdenum and tungsten for glass sealing. 2,836,935, 6-3-58, Cl. 49-81.
- Staples, Charles F. Surface resistance indicator. 2,821,081, 1-28-58, Cl. 73-105.
- Staples, Crawford E., and C. B. Shields, to Westinghouse Air Brake Co. Railway traffic controlling apparatus. 2,854,567, 9-30-58, Cl. 246-34.
- Staples, James D., to M. G. Staples, by decree of distribution. Layout wheel for tubular constructions. 2,863,220, 12-9-58, Cl. 33-1.
- Staples, Lynn W., and R. D. Strout, to Saginaw Wire Products, Inc. Formed spring units and spring assemblies of sinuous design. 2,829,880, 4-8-58, Cl. 267-1.
- Staples, Marguerite G.: *See—*
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- Staples, Otis E., and A. J. Bent, to Textron Inc. Hobbing machine. 2,847,910, 8-19-58, Cl. 90-4.
- Staples, Paul R., to Reynolds Metals Co. Expansion of pressure welded passageway panels. 2,857,659, 10-28-58, Cl. 29-157.3.
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- Staples, Paul R., to Reynolds Metals Co. Semi-automatic apparatus for expanding a pressure welded passageway panel. 2,866,429, 12-30-58, Cl. 113-44.
- Staples, Robert G., Jr., to Link-Belt Co. Switch actuating mechanism. 2,843,692, 7-15-58, Cl. 200-85.
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- Stapleton, Clarence B., to Vinco Corp. Apparatus for measuring effective dimensions of splines. 2,849,802, 9-2-58, Cl. 33-179.5.
- Stapleton, John M., to Detrex Chemical Industries, Inc. Method and composition for producing phosphate coatings on metal. 2,839,439, 6-17-58, Cl. 148-6.15.
- Stapling Machines Co.: *See—*
 Johanson, Edwin W. 2,829,799.
 Kingsley, David G. 2,827,201.
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- Star Co.: *See—*
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- Star Expansion Industries Corp.: *See—*
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- Star Recorder Corp. of Denver, The: *See—*
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- Star, Sidney. Inflatable brassiere. 2,826,202, 3-11-58, Cl. 128-462.
- Starbuck, Herman S.: *See—*
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- Starch, Jan: *See—*
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- Starcher, Paul S.: *See—*
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- Starcher, Paul S., to Union Carbide Corp. Production of cyclohexenylmethyl and alkyl substituted cyclohexenylmethyl 2-alkenyl ethers. 2,863,925, 12-9-58, Cl. 260-611.
- Starcher, Paul S., D. L. MacPeck, and B. Phillips, to Union Carbide Corp. Process for the production of butadiene dioxide. 2,861,084, 11-18-58, Cl. 260-348.5.

- Starek, Clemens B., G. F. Nadeau, and C. F. Smith, to Eastman Kodak Co. Method for coating cellulose ester films. 2,835,609, 5-20-58, Cl. 117-73.
- Starek, Hans: *See*—
- Starek, Werner and H. 2,860,124.
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- Stardill Keystone Co.: *See*—
- McKinn, Walter P. 2,832,236.
- Stareck, Jesse E., to Metal & Thermit Corp. Dip process for forming transparent surface conversion coatings on zinc, and compositions for dip solutions. 2,824,031, 2-18-58, Cl. 148-6.21.
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- Markman, Moe. 2,846,712.
- Stark, Allan R., S. R. Petrick, and L. A. Godsave, to The British Petroleum Co. Ltd. Production of petroleum jelly. 2,828,248, 3-25-58, Cl. 196-149.
- Stark, Charles H. and G. H. Leuke; said Stark assignor to Owens-Illinois Glass Co. Skylight construction. 2,851,973, 9-16-58, Cl. 108-16.
- Stark, David J., to National Petro-Chemicals Corp. Apparatus for concentration of liquid solutions. 2,865,920, 12-23-58, Cl. 23-276.
- Stark, Donald A.: *See*—
- Waterman, William, and Stark. 2,845,086.
- Stark, Donald L., to The Black-Clawson Co. Paper machinery. 2,860,550, 11-18-58, Cl. 92-23.
- Stark, Elmer C. Fishing accessories. 2,858,637, 11-4-58, Cl. 43-43.12.
- Stark, Forney H. Production of hop extract and beer. 2,824,803, 2-25-58, Cl. 99-50.5.
- Stark, Frank H.: *See*—
- Fletcher, Arthur H., Stark, and Ellison. 2,838,274.
- Stark, Frank P. Rear view mirror for tractor and trailer combination type of motor truck. 2,854,892, 10-7-58, Cl. 88-93.
- Stark, George. Convertible bed. 2,844,828, 7-29-58, Cl. 5-45.
- Stark, Howard J. Low density cellular explosive foam and products made therefrom. 2,845,025, 7-29-58, Cl. 102-10.
- Stark, James A., to J. B. Thomson. Flexible couplings. 2,860,495, 11-18-58, Cl. 64-11.
- Stark, Joseph G., to Lamteck Corp. of America. Laminated covering board with lap-wedge. 2,831,218, 4-22-58, Cl. 20-5.
- Stark, Joseph G., to Lamteck Corp. of America. Paneled structure. 2,832,101, 4-29-58, Cl. 20-4.
- Stark, Roy H., to The McNally Pittsburg Mfg. Corp. Centrifugal pump. 2,853,018, 9-23-58, Cl. 103-87.
- Stark, William A. Boat hood. 2,864,391, 12-16-58, Cl. 135-6.
- Starke, Nathan, to Namor Products, Inc. Chair. 2,853,125, 9-23-58, Cl. 155-183.
- Starkey, Neal E., to General Electric Co. Exhaust temperature regulator for gas turbine power-plant. 2,821,065, 1-28-58, Cl. 60-39.28.
- Starks-Field, Alfred B., O. E. Keall, and E. H. Priestley, to Marconi's Wireless Telegraph Co. Ltd. Pilot pulse dual channel gain control. 2,841,784, 7-1-58, Cl. 343-17.1.
- Starkweather, Warner H., Jr., to E. I. du Pont de Nemours and Co. Adhesion of resins to glass. 2,839,418, 6-10-58, Cl. 117-65.
- Starline, Inc.: *See*—
- Ferris, Robert G., and Yuenger. 2,847,115.
- Starnaman, Robert H., to General Motors Corp. Carburetor. 2,823,021, 2-11-58, Cl. 261-59.
- Starnes, Earl W., to The Russell Mfg. Co., Inc. Top roll unit for fiber attenuating apparatus. 2,853,743, 9-30-58, Cl. 19-131.
- Starnes, Jesse B., to Union Carbide Corp. Method and apparatus for handling volatile liquids. 2,850,882, 9-9-58, Cl. 62-52.
- Starnes, William C., and R. C. Zabor, to Gulf Research & Development Co. Hydroisomerization process. 2,831,908, 4-22-58, Cl. 260-683.65.
- Staropoli, Frank G.: *See*—
- Staropoli, Jeromé A. 2,836,860.
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- Staros, Basil, to Sperry Rand Corp. Air speed measuring device. 2,844,960, 7-29-58, Cl. 73-181.
- Starr, Anthony J.: *See*—
- Heisler, Jerome S. and A., and Starr. 2,864,128.
- Starr, Carrol D., and J. E. Daly, to Wilbur B. Driver Co. Electrical resistance alloys. 2,850,383, 9-2-58, Cl. 75-171.
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- Starr, David A., Jr.: *See*—
- Beckman, Carl, and Starr. 2,850,673.
- Starr, James H., and R. A. Clark, Jr. Calculating tables, and the like. 2,829,820, 4-8-58, Cl. 235-61.
- Starr, James H., and R. A. Clark, Jr. Calculating tables, and the like. 2,836,358, 5-27-58, Cl. 235-61.
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- Starr, Thomas E. Tamping device. 2,841,061, 7-1-58, Cl. 94-48.
- Starrett, James R., P. A. Luthman, and G. McConeghy, Jr., to Avco Mfg. Corp. Baler feed mechanism. 2,854,809, 10-7-58, Cl. 56-341.
- Starrett, L. S., Co., Inc.: *See*—
- Metevla, William P. 2,835,979.
- Starrett, Rupert M. Key container. 2,836,053, 5-27-58, Cl. 70-456.
- Starrfrasmachines A. G.: *See*—
- Glaser, Rolf. 2,841,355.
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- Maas, Marius R., and Starreveld. 2,838,659.
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- Mantz, Marius R., Starreveld, and Suermondt. 2,843,740.
- Start, Ernest, and P. G. McCarthy, to William Cotton Ltd. Straight bar knitting machines. 2,819,873, 9-2-58, Cl. 66-165.
- Startzell, Dale E., to United States of America, Navy. Spring-loaded, locking hinge fin assembly. 2,858,765, 11-4-58, Cl. 102-50.
- Stary, Walter E. Tube expanding tool having rollers confined in cage slots and inclined within range of one-fourth to two-thirds of one degree. 2,835,308, 5-20-58, Cl. 153-82.
- Stasak, Raymond R., to United States of America, Air Force. Detachment of rocket propellant fires. 2,837,891, 6-10-58, Cl. 60-35.4.
- Stashny, Adam W. Taper cutting device. 2,841,039, 7-1-58, Cl. 77-58.
- Stastny, Fritz, to Badische Anilin- & Soda-Fabrik Akt. Process of foaming a mixture of a thermoplastic resin and a binding agent. 2,861,046, 11-18-58, Cl. 260-2.5.
- Stastny, Fritz, to Badische Anilin- & Soda-Fabrik Akt. Process of forming shaped articles of porous styrene polymers having impact-resistant surfaces. 2,865,800, 12-23-58, Cl. 154-110.
- Stateman, Murray J., to Sylvania Electric Products Inc. Television receiver. 2,841,645, 7-1-58, Cl. 178-7.3.
- Staten, Hi W., Jr., to Phillips Petroleum Co. Ultra-violet analyzer. 2,847,578, 8-12-58, Cl. 250-43.5.
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- Di Giovanni, Mario M. 2,835,772.
- Grant, Earl W. 2,855,495.
- Statham, Louis D. 2,835,774.
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- Statham, Louis D. 2,858,400.
- White, Gifford E., and Grant. 2,836,803.
- Statham, Louis D., to Statham Instruments, Inc. Electrical accelerometer. 2,835,774, 5-20-58, Cl. 201-63.
- Statham, Louis D., to Statham Instruments, Inc. Multirange pressure transducer. 2,844,034, 7-22-58, Cl. 73-398.
- Statham, Louis D., to Statham Instruments, Inc. Electrical strain wire transducer. 2,858,400, 10-28-58, Cl. 201-63.
- Statham, Noel, to Talon, Inc. Adjustable fastener. 2,825,111, 3-4-58, Cl. 24-206.
- Statham, Noel. Automatic plastic button attachment. 2,863,197, 12-9-58, Cl. 24-90.
- Statia, Edwin V., Sr. Radius-to-tangent grinding wheel dresser. 2,819,708, 1-14-58, Cl. 125-11.
- Statler, Lowell, to The Joseph Dixon Crucible Co. Black-board eraser. 2,842,791, 7-15-58, Cl. 15-209.
- Statsinger, Joseph, to American Bosch Arma Corp. Signal multiplying device. 2,841,329, 7-1-58, Cl. 235-61.
- Statsinger, Joseph, to American Bosch Arma Corp. Circuit coupling device. 2,841,677, 7-1-58, Cl. 201-63.
- Statton, Perry B. Unloading-type hand truck. 2,838,193, 6-10-58, Cl. 214-511.
- Statz, Hermann, and H. Schenkel, to Raytheon Mfg. Co. Semi-conductive devices. 2,843,515, 7-15-58, Cl. 148-33.
- Staub, John T., Jr., to H. S. Bennett. Elevator governor testing device. 2,850,902, 9-9-58, Cl. 73-432.
- Stauch, Johanna E. V. N.: *See*—
- Pieper, Josef H. F., and Stauch. 2,852,561.
- Pieper, Josef H. F., and Stauch. 2,865,895.
- Staudé, E. G. Mfg. Co., Inc.: *See*—
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- Fischer, Paul E. 2,841,112.
- Fischer, Paul E. 2,852,255.
- Severson, Luther E. 2,843,027.
- Staudé, Edwin G., to O. B. Staudé. Steering wheel stabilizer. 2,838,125, 6-10-58, Cl. 180-79.2.
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- Staudé, Edwin G. 2,838,125.
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- Staudinger, Johann J. P., and H. Williams, to The Distillers Co. Ltd. Process of impregnating material with a resinous bonding composition. 2,851,379, 9-9-58, Cl. 117-161.
- Staudt, Jean P., to Electro Radio Osch. Electric immersion water heater for washing machines. 2,847,551, 8-12-58, Cl. 219-41.
- Stauffer, Bernard H. Passive exercise machine. 2,860,628, 11-18-58, Cl. 128-33.

- Stauffer Chemical Co.: *See*—
 Andersen, John N. 2,842,425.
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- Stauffer, Edgar E.: *See*—
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- Stauffer, Lynn H., to General Electric Co. Methods of and devices for determining the magnetic properties of specimens of magnetic material. 2,828,467, 3-25-58, Cl. 324-34.
- Stauffer, Robert E.: *See*—
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- Stanton, John J. J., to Coleman Instruments, Inc. Alternating current pH electrometer. 2,828,466, 3-25-58, Cl. 324-30.
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- Stautzenberger, Adin L.: *See*—
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- Stautzenberger, Adin L., to Celanese Corp. of America. Production of acetals with reactivation of catalyst. 2,840,615, 6-24-58, Cl. 260-615.
- Stava, Robert J., and W. G. Reininger, to Picker X-Ray Corp. X-ray apparatus and control. 2,823,315, 2-11-58, Cl. 250-58.
- Stavenau, Harold L., and R. W. Kaplan, to Truth Tool Co. Closure operator improvements. 2,824,735, 2-25-58, Cl. 268-104.
- Stavenger, Paul L., and E. B. Fitch, to Dorr-Oliver Inc. Hydrocyclone countercurrent washing system. 2,840,524, 6-24-58, Cl. 210-21.
- Stavis, Gus, to International Telephone and Telegraph Corp. Omni-directional beacon system. 2,846,677, 8-5-58, Cl. 343-106.
- Stavis, Gus, and J. S. Eegel, to International Telephone and Telegraph Corp. Omnidirectional beacon antenna. 2,866,194, 12-23-58, Cl. 343-725.
- Sta-Vis Oil Co.: *See*—
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- Stavrakis, Alexander, and C. J. Kennedy, to Radio Corp. of America. Web reeling system. 2,864,621, 12-16-58, Cl. 274-4.
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- Dietric, Arthur J., and Stayboldt. 2,838,210.
- Stayner, Richard D., to California Research Corp. Preparation of detergent mixtures. 2,822,335, 2-4-58, Cl. 252-152.
- Stayner, Richard D., to California Research Corp. Odorless alkyl aryl sulfonate detergents. 2,831,021, 4-15-58, Cl. 260-505.
- Stayner, Richard D., to California Research Corp. Synthetic detergent compositions. 2,843,550, 7-15-58, Cl. 252-152.
- Stayner, Richard D., to California Research Corp. Detergent composition of improved foam performance. 2,863,836, 12-9-58, Cl. 252-152.
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- Steadman, Clifford S., to Smiths America Corp. Generator control for vehicle transmission system. 2,840,775, 6-24-58, Cl. 322-28.
- Steadman, Thomas R.: *See*—
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- Steadman, Thomas R., to Escambia Chemical Corp. Hydration of acetylene using cadmium pyrophosphate catalyst. 2,847,476, 8-12-58, Cl. 260-605.
- Steadman, Thomas R., and J. O. H. Peterson, Jr., to National Research Corp. 12-cyano-12-hydroxystearic acid and the lower alkyl esters thereof. 2,830,065, 4-8-58, Cl. 260-404.
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- Steadman, Thomas R., and J. O. H. Peterson, Jr., to National Research Corp. Production of chemicals. 2,847,432, 8-12-58, Cl. 260-406.
- Steadman, Thomas R., and J. F. Gabbett, Jr., to Escambia Chemical Corp. Production of acrylonitrile. 2,847,447, 8-12-58, Cl. 260-465,3.
- Steadman, Thomas R., and L. H. Sutherland, to Escambia Chemical Corp. Production of acrylonitrile. 2,847,450, 8-12-58, Cl. 260-465,3.
- Steadman, Thomas R., and J. O. H. Peterson, Jr., to National Research Corp. 12-Carboxamido-11 or 12-octadecenoic acids and esters thereof. 2,847,455, 8-12-58, Cl. 260-482.
- Steadman, Thomas R., and J. O. H. Peterson, Jr., to National Research Corp. Alkaline oxidation of monoketo monocarboxylic acids. 2,847,466, 8-12-58, Cl. 260-537.
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- Steagall, William F., to Sperry Rand Corp. Parallel magnetic complementers. 2,820,151, 1-14-58, Cl. 307-88.
- Steagall, William F., to Sperry Rand Corp. Asymmetrically energized magnetic amplifiers. 2,834,894, 5-13-58, Cl. 307-88.
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- Stearley, Everett E., to The Boehm Pressed Steel Co. Two piece cartridge and method of making same. 2,853,945, 9-30-58, Cl. 102-44.
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- Stearne, Herbert W., to The Poly Choke Co., Inc. Chocking device for firearms. 2,828,569, 4-1-58, Cl. 42-79.
- Stearley, George H.: *See*—
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- Stearn, Franklin A., to International Telephone and Telegraph Corp. Switch control apparatus. 2,860,212, 11-11-58, Cl. 200-159.
- Stearns, Austin J., 1/2 to F. P. Engram. Massage bed. 2,840,072, 6-24-58, Cl. 128-57.
- Stearns, Barbara: *See*—
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- Stearns, Duane L., and W. E. Heinz, to Celanese Corp. of America. Process for converting methyl isopropenyl ketone to its cyclic dimer. 2,851,497, 9-9-58, Cl. 260-593.
- Stearns, Harry C. Temperature control apparatus. 2,822,794, 2-11-58, Cl. 123-122.
- Stearns, Harry C. Temperature control apparatus. 2,853,065, 9-23-58, Cl. 123-122.
- Stearns, Harry C. Carburetor float chamber screen and sediment trap. 2,859,874, 11-11-58, Cl. 210-106.
- Stearns, Horace M., to Sperry Rand Corp. Pulse receiving systems. 2,842,763, 7-8-58, Cl. 343-13.
- Stearns, John I.: *See*—
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- Stearns, Richard I., to Murphy & Nye, Inc. Jib sail. 2,858,789, 11-4-58, Cl. 114-103.
- Stearns, Roswell H., and H. W. Buus, to The Indiana Steel Products Co. Method and apparatus for overcoming reluctance in material which is in process of magnetic separation and concentration. 2,862,619, 12-2-58, Cl. 209-216.
- Steatit-Magnesia Akt.: *See*—
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- Stebbins, Arthur, deceased; E. B. Stebbins, administratrix. Finned tubing. 2,858,115, 10-28-58, Cl. 257-262,16.
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- Steber, Clarence R. Telescopic boom boat trailer. 2,856,087, 10-14-58, Cl. 214-84.
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- Steck, Arch L., and M. E. Huth, 1/2 to said Steck, and 1/2 to Knox Glass Bottle Co. Ware decorating machine. 2,863,381, 12-9-58, Cl. 101-123.
- Steck, Arnold: *See*—
 Thomann, Hans, and Steck. 2,818,914.
- Steck, Edgar A., to Sterling Drug Inc. 2-lower-alkyl-3-carbo-lower-alkoxy-5-hydroxy-6-tertiary-aminoindoles and preparation thereof. 2,852,527, 9-16-58, Cl. 260-319.
- Steck, Edgar A., to Sterling Drug Inc. 3,6-bis (tertiary-amino-aliphatic) substituted pyridazines, and their preparation. 2,858,311, 10-28-58, Cl. 260-250.
- Steck, Rudolph E.: *See*—
 Batchelor, Clyde S., and Steck. 2,818,634.
- Steck, Rudolph E., to Raybestos-Manhattan, Inc. Friction button and securing means therefor. 2,835,367, 5-20-58, Cl. 192-107.
- Steck, Rudolph E., to Raybestos-Manhattan, Inc. Heating unit. 2,851,572, 9-9-58, Cl. 201-67.

- Steck, Rudolph E., and J. F. Orzechowski, to Raybestos-Manhattan, Inc. Friction material. 2,852,368, 9-16-58, Cl. 92-3.
- Stecker, Albert, and H. Bock, to North American Philips Co., Inc. Frequency modulation tuning indicator. 2,828,421, 3-25-58, Cl. 250-40.
- Steckler, Robert, and J. Werner, to General Aniline & Film Corp. Epoxy ether resin polymethoxy acetal compositions. 2,853,468, 9-23-58, Cl. 260-47.
- Stedler, Heinrich F. W., to Durabel-Faltbox Stedler Kommanditgesellschaft. Apparatus for securing nails on plates made from pliable material, especially plywood plates. 2,834,016, 5-13-58, Cl. 1-1.
- Stedman, James A., to The Central Tool Co. Micrometer caliper construction. 2,851,781, 9-16-58, Cl. 33-164.
- Steed, Ewart R. Apparatus for building circular structures. 2,837,910, 6-10-58, Cl. 72-129.
- Steel, Collis K., to Northrop Aircraft, Inc. Adjustment means for optical element. 2,850,939, 9-9-58, Cl. 88-1.
- Steel Heddle Mfg. Co.: *See*—
- Kaufmann, John J. 2,827,079.
- Parks, Robert P. 2,859,779.
- Sides, Everett E. 2,840,114.
- Steel, John E., to Steels Engineering Installations Ltd. Steam separators. 2,818,938, 1-7-58, Cl. 183-112.
- Steel Slides, Inc.: *See*—
- Hafekost, Frederick, and Edelson. 2,848,291.
- Meyer, William G., Fischer, and Hahner. 2,865,684.
- Steelcase Inc.: *See*—
- Bassett, Russell L. 2,853,351.
- Bullock, Earle C. 2,819,937.
- Bullock, Earle C. 2,832,658.
- Hunting, David D., and Bullock. 2,858,028.
- Steel City Testings Machines, Inc.: *See*—
- Gauld, John. 2,830,451.
- Steelcraft Mfg. Co., The: *See*—
- Leeser, Werner M. 2,836,266.
- Steele, Arthur B., to Union Carbide Corp. Di (hydroxyethyl) imidazolidone-2 and production of N,N'-di-(2-hydroxyethyl) ethylene diamine. 2,847,418, 8-12-58, Cl. 260-309.7.
- Steele, Floyd G., to Digital Control Systems, Inc. Rate digital control system. 2,829,323, 4-1-58, Cl. 318-28.
- Steele, Floyd G., to Digital Control Systems, Inc. Di-function multiplexers and multipliers. 2,840,306, 6-24-58, Cl. 235-61.
- Steele, Floyd G., to Digital Control Systems, Inc. Di-function converters. 2,850,726, 9-2-58, Cl. 340-347.
- Steele, Floyd G., to Digital Control Systems, Inc. Digital position servo systems. 2,860,294, 11-11-58, Cl. 318-28.
- Steele, Floyd G., to Digital Control Systems, Inc. Computer read-out system. 2,866,177, 12-23-58, Cl. 340-174.
- Steele, Floyd G., R. E. Sprague, and B. T. Wilson, to Northrop Aircraft, Inc. Digital differential analyzer. 2,841,328, 7-1-58, Cl. 235-61.
- Steele, Gerald H.: *See*—
- Hickin, Robert J., and Steele. 2,830,507.
- Plough, Edwin J., and Steele. 2,820,403.
- Steele, Gordon H., Jr. Safety exit alert for automobiles. 2,844,810, 7-22-58, Cl. 340-87.
- Steele, Harry M., Jr.: *See*—
- Zillman, Jack H., and Steele. 2,865,168.
- Steele, Horace M., to Model Engineering & Mfg., Inc. Tool holder assembly. 2,832,248, 4-29-58, Cl. 82-36.
- Steele, Howard L., Jr., to Westinghouse Electric Corp. Cyclic microwave switching tube. 2,866,164, 12-23-58, Cl. 333-1.
- Steele, James H.: *See*—
- Hengel, Mathew C., and Steele. 2,828,234.
- Steele, James R., and S. M. Lounsbury, Jr., to Moore & Steele Corp. Tie plate rail anchors. 2,827,240, 3-18-58, Cl. 238-327.
- Steele, James W. Shirt folding apparatus. 2,853,215, 9-23-58, Cl. 223-37.
- Steele, John D.: *See*—
- Switzer, Joseph L. and R. C., and Ward. 2,864,771.
- Steele, Martha N.: *See*—
- Nickerson, Elmer K., and Steele. 2,834,569.
- Steele, Newman D., to Godfrey L. Cabot, Inc. Process of making furnace carbon black and burner therefor. 2,825,632, 3-4-58, Cl. 23-209.8.
- Steele, Newman D., to Godfrey L. Cabot, Inc. Apparatus for producing carbon black. 2,825,633, 3-4-58, Cl. 23-259.5.
- Steele, Owen S., to The British Thomson-Houston Co. Ltd. Magnetic stirring apparatus. 2,852,586, 9-16-58, Cl. 13-26.
- Steele, Ray N. Bracket for mounting an auxiliary generator on the regular generator of an engine. 2,856,785, 10-21-58, Cl. 74-242.8.
- Steele, Ray N. Tray attachment for automobiles and the like. 2,860,021, 11-11-58, Cl. 311-21.
- Steele, Richard B.: *See*—
- Benz, William G., Jr., Sohn, and Steele. 2,843,727.
- Greene, William J., and Steele. 2,819,443.
- Steele, Richard B., to Air Reduction Co., Inc. Method and apparatus for electric arc welding. 2,832,000, 4-22-58, Cl. 314-69.
- Steele, Richard E.: *See*—
- Blackburn, Andrew R., and Steele. 2,829,608.
- Steele, Richard E., and A. R. Blackburn. Method and apparatus for forming holes in ceramic ware. 2,818,628, 1-7-58, Cl. 25-129.
- Steele, Richard M. Apparatus for cold waving practice. 2,852,029, 9-16-58, Cl. 132-42.
- Steele, Robert W.: *See*—
- West, Raymond M., and Steele. 2,821,216.
- Steele, Roger C., to Hexcel Products Inc. Metal foil honeycomb products. 2,851,133, 9-9-58, Cl. 189-34.
- Steele, Tracey F.: *See*—
- Cyr, Howard M., and Steele. 2,855,288.
- Steele, Vernon P., to Kenco Products Corp. Juice pump. 2,835,416, 5-20-58, Cl. 222-341.
- Steele, Vernon P., to Kenco Products Corp. Self-contained liquid dispenser-down-stroke discharge. 2,837,246, 6-3-58, Cl. 222-309.
- Steele, Vernon P., to Kenco Products Corp. Self-contained liquid dispenser-up-stroke discharge. 2,837,248, 6-3-58, Cl. 222-340.
- Steelmade, Inc.: *See*—
- Nelson, Lawrence E. 2,825,488.
- Steelman, Kenneth C., to United States of America, Army. Telemetering system. 2,864,081, 12-9-58, Cl. 343-112.
- Steels Engineering Installations Ltd.: *See*—
- Steel, John E. 2,818,938.
- Steen, Carl A. Electric heating apparatus. 2,860,225, 11-11-58, Cl. 219-35.
- Steen, Harford K., to Interstate Bag Co., Inc. Handled bag of paper or like material and method of making same. 2,838,224, 6-10-58, Cl. 229-54.
- Steen, Harford K., to Interstate Bag Co., Inc. Handled carrying bags. 2,854,185, 9-30-58, Cl. 229-54.
- Steen, James B.: *See*—
- Welton, Russell L., and Steen. 2,823,083.
- Steen, King A. Scaffolding support. 2,854,290, 9-30-58, Cl. 304-6.
- Steenhagen, Gerrit: *See*—
- Umbricht, Emil, Steenhagen, and Evans. 2,833,417.
- Steer, Donald E., to Bridgeport Brass Co. Tubeless tire valve stem. 2,837,134, 6-3-58, Cl. 152-427.
- Steere, Morris R.: *See*—
- Williams, Richard J., and Steere. 2,857,776.
- Steeves, Martin E. Tool holders. 2,835,023, 5-20-58, Cl. 29-96.
- Steeves, Robert W.: *See*—
- Baer, Charles A., and Steeves. 2,846,971.
- Stefan, John P., to Ford Motor Co. Variable temperature system. 2,855,909, 10-14-58, Cl. 123-41.12.
- Stefan, Robert S., to United States of America, Navy. Integral control for servomechanisms. 2,849,671, 8-26-58, Cl. 318-448.
- Stefan, Russell O. Powered stair climber. 2,856,015, 10-14-58, Cl. 180-9.1.
- Stefanka, Joseph A. Ice sled. 2,827,971, 3-25-58, Cl. 180-6.
- Stefani, Enea. Projecting clocks provided with rotatable dials. 2,854,250, 5-13-58, Cl. 88-24.
- Stefano, Nick: *See*—
- Baker, Sander, and Stefano. 2,854,677.
- Stefanye, David, and J. N. Dews. Method and apparatus for the assay of viable microorganisms. 2,865,816, 12-23-58, Cl. 195-103.5.
- Steffen, Albert H., to Swift & Co. Method of producing shortening. 2,855,310, 10-7-58, Cl. 99-118.
- Steffen, Edward F. Pickup device. 2,852,302, 9-16-58, Cl. 294-117.
- Steffen, Paul J.: *See*—
- Cavenah, David K., and Steffen. 2,844,255.
- Steffen, Robert, to W. F. Brock. Sand blast machine. 2,846,822, 8-12-58, Cl. 51-11.
- Stegeman, Raymond F. E., to Bausch & Lomb Optical Co. Spectacle frame with non-metallic rim parts. 2,832,261, 4-29-58, Cl. 88-41.
- Stegeman, Raymond F. E., to Bausch & Lomb Optical Co. Tension type spectacle mounting. 2,841,051, 7-1-58, Cl. 88-47.
- Stegeman, Raymond F. E., to Bausch & Lomb Optical Co. Spectacle case. 2,850,151, 9-2-58, Cl. 206-5.
- Stegemeier, Richard J.: *See*—
- Josendal, Virgil A., and Stegemeier. 2,852,734.
- Stegen, Robert J.: *See*—
- Reed, Richard H., and Stegen. 2,840,818.
- Stegler, Richard E., to Republic Aviation Corp. Tool for electrical machining and the method of making and using the same. 2,861,164, 11-18-58, Cl. 219-69.
- Steglich, Herbert H., to Zenith Radio Corp. Radio receiver. 2,856,517, 10-14-58, Cl. 250-14.
- Stegmaier, Raymond L. Seal locks. 2,845,296, 7-29-58, Cl. 292-323.
- Stegman, Norman A., to Westinghouse Electric Corp. Driving unit for a laundry machine. 2,842,002, 7-8-58, Cl. 74-217.
- Stegner, Wencel W. Safety-match-holder. 2,822,204, 2-4-58, Cl. 294-19.
- Stehlik, Rudolph F., to General Telephone Laboratories, Inc. Telephone line lockout arrangement. 2,862,061, 11-25-58, Cl. 179-18.
- Stehlik, Rudolph F., to General Telephone Laboratories, Inc. Auto-selecting cross-bar telephone system. 2,864,890, 12-16-58, Cl. 179-22.
- Stehling, Chas. H., Co., The: *See*—
- Stehling, Ralph J. 2,823,642.
- Stehling, Ralph J., and Guardado. 2,851,711.
- Stehling, Ralph J., to The Chas. H. Stehling Co. Pasting plate paste spraying apparatus. 2,823,642, 2-18-58, Cl. 118-323.

- Stehling, Ralph J., and R. A. Guardado, to The Chas. H. Stehling Co. Scrubbing apparatus for pasting plates. 2,851,711, 9-16-58, Cl. 15-1.
- Steinman, Carlyle J., and C. E. Hieserman, to The Chemstrand Corp. Purification of terephthalic acid. 2,829,160, 4-1-58, Cl. 260-525.
- Steibel, James P., to The Dumore Co. Hydraulic dashpot. 2,825,427, 3-4-58, Cl. 188-96.
- Steibel, James P. Expandable pulley. 2,841,021, 7-1-58, Cl. 74-230.17.
- Steibel, James P. Three wheel vehicle and spring suspension therefor. 2,856,019, 10-14-58, Cl. 180-25.
- Steidl, Robert H., to Boeing Airplane Co. Fabric slosh bulkhead. 2,840,259, 6-24-58, Cl. 220-22.
- Steierman, Bernard L., to Owens-Illinois Glass Co. Method and apparatus for gauging liquid level. 2,828,422, 3-25-58, Cl. 250-43.5.
- Steiger, Fred H., to Rohm & Haas Co. Process of preventing discoloration of nylon textiles with urea, biuret, dicyandiamide or ammonium cyanate and a crease proofing resin and products produced therefrom. 2,823,093, 2-11-58, Cl. 8-115.6.
- Steiger, Fred H., to Rohm & Haas Co. Process of simultaneously heat setting and preventing discoloration of nylon textiles with urea, biuret, dicyandiamide or ammonium cyanate optionally followed by treatment with a crease proofing resin. 2,823,094, 2-11-58, Cl. 8-115.6.
- Steigerwald, John R.: *See*—
Curl, Mark L., and Steigerwald. 2,850,121.
- Steigerwald, Karl H., to C. Zeiss. Method and device for the transmission of high speed radiation, particularly corpuscular radiation, between spaces of different pressure. 2,824,232, 2-18-58, Cl. 250-49.5.
- Steigman, Barbara R.: *See*—
Woods, Marion C., and Steigman. 2,858,320.
- Steigmann, Albert E., to General Foods Corp. Food product and process. 2,819,970, 1-14-58, Cl. 99-130.
- Steigmann, Ernst A.: *See*—
Corben, Leo D., and Steigmann. 2,834,683.
- Steigmann, Ernst A., M. Hamell, and B. Idson, to General Foods Corp. Gelatin dessert product. 2,838,402, 6-10-58, Cl. 99-130.
- Steil, Irvin W. Liquid level gauge for underground tanks. 2,852,938, 9-23-58, Cl. 73-321.
- Steimel, Karl, to Telefunken G. m. b. H. Magnetron. 2,849,652, 8-26-58, Cl. 315-39.75.
- Steimen, Lawrence E.: *See*—
Sandberg, Robert N., and Steimen. 2,826,145.
- Stein, A., & Co.: *See*—
Faron, Evelyn E. 2,866,462.
- Stein, Alvin, and R. L. Walter, to Monsanto Chemical Co. Suspension process for the polymerization of vinylidene aromatic hydrocarbons. 2,862,906, 12-2-58, Cl. 260-45.5.
- Stein, Alvin, and R. L. Walter, to Monsanto Chemical Co. Suspension process for the polymerization of vinylidene aromatic hydrocarbons having rubbery conjugated 1,3-diene polymers dissolved therein. 2,862,907, 12-2-58, Cl. 260-45.5.
- Stein, Charles F., to Pratt, Read and Co., Inc. Key and action assembly for musical instruments. 2,866,371, 12-30-58, Cl. 84-237.
- Stein, Edward H. Drinking fountain for livestock. 2,860,601, 11-18-58, Cl. 119-78.
- Stein, Elmer L., to Eye-Beam Displays, Inc. Display mounting. 2,863,236, 12-9-58, Cl. 40-4.
- Stein, F. Kenneth, to S. B. Stein. Tool holder attachment for lathes. 2,834,242, 5-13-58, Cl. 82-36.
- Stein, Frederick W. Laboratory mill for comminuting materials to fine particle size. 2,843,169, 7-15-58, Cl. 146-68.
- Stein, Frederick W. Test cell loading device. 2,858,963, 11-4-58, Cl. 222-166.
- Stein, George A., to A. O. Smith Corp. Apparatus for applying coating material to articles. 2,865,324, 12-23-58, Cl. 118-626.
- Stein, Gustav A.: *See*—
Päster, Karl, and Stein. 2,831,027.
- Stein, Joseph. Electric air purifier. 2,855,641, 10-14-58, Cl. 21-74.
- Stein, Leo. Separable ring binder attachment for brief cases and the like. 2,841,151, 7-1-58, Cl. 129-24.
- Stein, Leonhard: *See*—
Ehrhart, Gustav, Ruschig, Stein, Aumüller, and Ther. 2,850,497.
- Ruschig, Heinrich, and Stein. 2,820,827.
- Stein, Leonhard, and E. Lindner, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Alpha. alpha - diphenyl - β - amino - propanols. 2,827,460, 3-18-58, Cl. 260-247.7.
- Stein, M. H.: *See*—
Dis Ario, Daniel A. 2,825,815.
- Stein, Morris. Testing device for electrical circuits. 2,829,339, 4-1-58, Cl. 324-53.
- Stein, Robert E.: *See*—
Travilla, James C., Wintenberg, and Stein. 2,841,095.
- Stein, S. Byrle: *See*—
Stein, F. Kenneth. 2,834,242.
- Stein, Samuel. Strain sensitive element and method of manufacture. 2,837,619 6-3-58, Cl. 201-63.
- Stein, Samuel F. Buckles. 2,828,522, 4-1-58, Cl. 24-198.
- Stein, Werner: *See*—
Blaser, Bruno, and Stein. 2,837,577.
- Raecke, Bernhard, Elaser, Stein, and Schrip. 2,863,913.
- Raecke, Bernhard, Stein, and Schrip. 2,849,482.
- Schütt, Hartwig, Stein, Rank and Schrip. 2,841,615.
- Stein, Werner, and H. Hartmann, to Henkel & Cie., G. m. b. H. Separation of urea adducts. 2,853,478, 9-23-58, Cl. 260-96.5.
- Steinacker, Peter, and H. Hemfort, to Westfalia Separator A. G. Gasket construction for sludge discharging centrifugal separators. 2,828,069, 3-25-58, Cl. 233-46.
- Steinacker, Peter, and H. Hemfort, to Westfalia Separator Ag. Centrifugal separators. 2,840,302, 6-24-58, Cl. 233-20.
- Steinbach, Harold F., and H. C. Stanelle. Snow plow. 2,863,232, 12-9-58, Cl. 37-53.
- Steinbach, John D. Heating pad. 2,823,665, 2-18-58, Cl. 126-263.
- Steinbach, Thomas M., to The Stiffel Co. Lighting fixture. 2,863,041, 12-2-58, Cl. 240-81.
- Steinbach, Clarence I., to Acrometal Products, Inc. Winding spool construction. 2,828,090, 3-25-58, Cl. 242-118.7.
- Steinberger, Dorothy L., and H. J. Paint brush container. 2,852,132, 9-16-58, Cl. 206-15.1.
- Steinberg, John C.: *See*—
Gray, Kenneth R., Crosby, and Steinberg. 2,824,071.
- Gray, Kenneth R., Crosby, and Steinberg. 2,841,561.
- Steinberg, John C., and K. R. Gray, to Rayonier Inc. Chemical products from bark digested in ammonia. 2,823,223, 2-11-58, Cl. 260-473.5.
- Steinberg, John F.: *See*—
Knox, William J., Jr., Stenberg, and Wilson. 2,843,487.
- Steinberg, Morris A., to Horizons Inc. Method of coating process aluminum and its alloys. 2,833,679, 5-6-58, Cl. 148-6.11.
- Steinberg, Morris A., to Horizons Inc. Purification of liquid metal reaction compositions. 2,863,759, 12-9-58, Cl. 75-70.
- Steinberg, Meyer: *See*—
Robell, John, Steinberg, and Jones. 2,865,714.
- Steinberg, Otto. Backwater control device for sewers. 2,844,163, 7-22-58, Cl. 137-423.
- Steinberger, Richard K., to International Business Machines Corp. Self-complementing gas tube counter. 2,837,276, 6-3-58, Cl. 235-61.
- Steinberger, Harry J.: *See*—
Steinberger, Dorothy L., and H. J. 2,852,132.
- Steinbrecher, Elisabeth E. Shoe-polishing implement. 2,854,685, 10-7-58, Cl. 15-209.
- Steinbrecker, Freddy, to George Gorton Machine Co. Safety clutch. 2,854,830, 10-7-58, Cl. 64-29.
- Steinbuch, Karl: *See*—
Klinkhammer, Kurt, Steinbuch, Merk, and Bretschneider. 2,820,849.
- Steinbuch, Marvin L., to Lunkenheimer Co. Hard ductile alloy. 2,821,474, 1-28-58, Cl. 75-171.
- Steindorf, Jack W. Cleaners for spatulas. 2,861,288, 11-25-58, Cl. 15-236.
- Steine, George J. Support means for toggle-actuated wrenches and the like. 2,844,981, 7-29-58, Cl. 81-41.
- Steinegger, Giovanni. Sound recording and reproducing device. 2,819,350, 1-7-58, Cl. 179-100.2.
- Steinegger, Giovanni. Electromotor. 2,835,834, 5-20-58, Cl. 310-154.
- Steinegger, Giovanni. Operating device for a sound recording and reproducing apparatus. 2,853,888, 9-30-58, Cl. 74-72.
- Steinemann, Willy: *See*—
Madrini, Piero, Ruckstuhl, and Steinemann. 2,821,524.
- Steinen, William F. Draft regulator. 2,825,506, 3-4-58, Cl. 236-45.
- Steiner, Adam P.: *See*—
Ritter, Herman, and Steiner. 2,848,966.
- Steiner, Albert M., to Bromo-Mint Co. Fountain paint brush. 2,820,233, 1-21-58, Cl. 15-136.
- Steiner, Albert M. Production of water color pictures. 2,825,150, 3-4-58, Cl. 35-26.
- Steiner, Albert M., to Bromo-Mint Co., Inc. Chiming toy. 2,828,963, 4-1-58, Cl. 272-31.
- Steiner, Carl. Fluid pressure torque converter. 2,844,128, 7-22-58, Cl. 121-120.
- Steiner, Charles S.: *See*—
Ohlson, John L., and Steiner. 2,847,433.
- Steiner, Charles S., and E. Fritz, to Swift & Co. Sterol recovery process. 2,835,682, 5-20-58, Cl. 260-397.25.
- Steiner, Ernst, to Sifrag Spezialapparatebau & Ingenieurbureau Frei A. G. Device for producing a room-closing air curtain. 2,863,373, 12-9-58, Cl. 98-36.
- Steiner, Joseph W.: *See*—
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- Steiner, Joseph W., and W. S. Kolb, to Westinghouse Electric Corp. Fluorescent luminaire of simplified construction. 2,849,599, 8-26-58, Cl. 240-51.11.
- Steiner, Klaus: *See*—
Himmelheber, Max, and Steiner. 2,822,024.
- Himmelheber, Max, and Steiner. 2,822,028.
- Steiner, Lawrence. Furniture leg support bracket. 2,852,221, 9-16-58, Cl. 248-188.
- Steiner, Otto: *See*—
Zimmermann, Rudolf, Wustenev, Hennig, Demant, and Steiner. 2,824,903.

- Steiner, Phillip F., to International Harvester Co. Reversing planetary drive for engine fan. 2,830,471, 4-15-58, Cl. 74-762.
- Steiner, Robert L., and C. C. Beiler, to The Kenner Products Co. Toy electric hand drill. 2,829,285, 4-1-58, Cl. 310-50.
- Steiner, Rudolf. Anti-inrush sensing device. 2,820,927, 1-21-58, Cl. 317-49.
- Steiner, Rudolf. Protection system for electric wiring. 2,864,036, 12-9-58, Cl. 317-44.
- Steiner, Theodore O. Insulated fastener for electric fences. 2,865,609, 12-23-58, Cl. 256-10.
- Steinert, Gerhard, to Kohlscheidungs-Gesellschaft, m. b. H. Pulverized coal firing system. 2,856,872, 10-21-58, Cl. 110-106.
- Steinert, Günter: See—
- Fleckenstein, Hans, and Steinert. 2,821,610.
- Steinfort, Josef, E. Kreutz, and E. Holstein, to Schloemann A. G. Counterblow hammers. 2,863,343, 12-9-58, Cl. 78-42.
- Steinhagen, William K., J. Dolza, and P. L. Francis, to General Motors Corp. Refrigerating apparatus. 2,835,436, 5-20-58, Cl. 230-186.
- Steinhauer, Alfred F., to The Dow Chemical Co. Alkyl N-methyl-N-(2-sulfoethyl) carbamoyl derivatives of carboxylic 1,2-carboxylic acids. 2,835,694, 5-20-58, Cl. 260-468.
- Steinhauer, Alfred F., to The Dow Chemical Co. Mixed ester compositions of carboxylic 1,2-dicarboxylic acids. 2,835,695, 5-20-58, Cl. 260-468.
- Steinhauer, Alfred F., to The Dow Chemical Co. Esters of carboxylic 1,2-dicarboxylic acids and method of making the same. 2,835,696, 5-20-58, Cl. 260-468.
- Steinhauer, Alfred F., to The Dow Chemical Co. Method of making alkyl diphenyl ether sulfonates. 2,854,477, 9-30-58, Cl. 260-512.
- Steinhauer, Alfred F., to The Dow Chemical Co. Water-soluble esters of alkyl ortho-xenoxy acetic acid and polyoxy-alkylamines. 2,863,908, 12-9-58, Cl. 260-473.
- Steinhauser, Peter. Fish hook remover. 2,862,327, 12-2-58, Cl. 43-53.5.
- Steinheber, Norman, to American Home Products Corp. Art of forming flakes. 2,835,997, 5-27-58, Cl. 41-34.
- Steinhoff, Eduard, and M. Grossmann, to Didier-Werke A. G. Electric resistance melting furnaces. 2,836,638, 5-27-58, Cl. 13-33.
- Steinhorst, Emil & Sons, Inc.: See—
- Steinhorst, Theodore R. and H. W. 2,840,996.
- Steinhorst, Henry W.: See—
- Steinhorst, Theodore R. and H. W. 2,840,996.
- Steinhorst, Theodore R., and H. W., to Emil Steinhorst & Sons, Inc. Milk cooler. 2,840,996, 7-1-58, Cl. 62-185.
- Steinitz, Stephan, to Vickers Inc. Power regulating system. 2,854,620, 9-30-58, Cl. 323-66.
- Steinitz, Stephan, to Vickers Inc. Power transmission. 2,855,561, 10-7-58, Cl. 321-27.
- Steinkamp, Frank F., and W. H. Ulrich. Knee action suspension for motor vehicle wheels. 2,846,234, 8-5-58, Cl. 280-96.2.
- Steinke, Joseph F., and L. C. Erickson. Drive attachment for converting a two wheel drive tractor to a four wheel drive. 2,855,063, 10-7-58, Cl. 180-44.
- Steinkohlen-Elektrizität Akt.: See—
- Justi, Eduard. 2,860,175.
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- Justi, Eduard, and Spengler. 2,830,109.
- Steinle, Josef, to Certus Maschinenbau G. m. b. H. Method and apparatus for spinning bottles. 2,861,783, 11-25-58, Cl. 259-54.
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- Müller, Karl. 2,835,941.
- Steinmann, Henry W., to Celanese Corp. of America. Treatment of solutions of organic acid esters of cellulose. 2,849,439, 8-26-58, Cl. 260-227.
- Steinmann, Henry W., to Celanese Corp. of America. Production of organic acid esters of cellulose by the homogeneous process. 2,849,440, 8-26-58, Cl. 260-227.
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- Steinmann, Henry W., to Celanese Corp. of America. Production of organic acid esters of cellulose in homogeneous solution with subsequent multiple phase extraction. 2,849,442, 8-26-58, Cl. 260-230.
- Steinmann, Henry W., to Celanese Corp. of America. Process for the preparation of organic acid esters of cellulose. 2,849,444, 8-26-58, Cl. 260-230.
- Steinmann, Henry W., and M. Dunay, to Celanese Corp. of America. Production of organic acid esters of cellulose. 2,849,443, 8-26-58, Cl. 260-230.
- Steinmann, Henry W., and M. Dunay, to Celanese Corp. of America. Dewatering cellulose ester composition. 2,861,038, 11-18-58, Cl. 210-23.
- Steinmann, Walter: See—
- Kull, Fritz, Maag, and Steinmann. 2,864,922.
- Steinmayer, Alwin G., and D. K. Jones, to McGraw-Edison Co. Electrical switch. 2,824,916, 2-25-58, Cl. 200-50.
- Steinmetz, Floyd, to Met-Pro, Inc. Sorter for table silverware. 2,852,135, 9-16-58, Cl. 209-89.
- Steinmetz, John C., and D. E. Holloway, to North American Aviation, Inc. Release ejector. 2,822,207, 2-4-58, Cl. 294-83.
- Steinmetz, Pearl J., to The H. W. Gossard Co. Brassiere. 2,864,375, 12-16-58, Cl. 128-492.
- Steinmetz, William J.: See—
- Nabal, Emerson E. 2,820,616.
- Steinmeyer, Rudolf: See—
- Staeger, Rudolf, and Steinmeyer. 2,860,875.
- Steinthal, Martin B. Combined infusion device, drip tray and package. 2,839,406, 6-17-58, Cl. 99-77.1.
- Steitz, Alfred, Jr.: See—
- Garetson, Paul K., and Steitz. 2,865,963.
- Moote, Truman P., Jr., and Steitz. 2,823,216.
- Sharp, Shelby P., and Steitz. 2,826,537.
- Sharp, Shelby P., and Steitz. 2,860,159.
- Steitz, William R.: See—
- Drummond, Warren W., and Steitz. 2,863,208.
- Drummond, Warren W., Steitz, and Frickert. 2,834,092.
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- Steller, Philip. 2,854,263.
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- Stelljes, Charles R., to The Murray Corp. of America. Washing machine centralized control arrangement. 2,855,798, 10-14-58, Cl. 74-491.
- Stelljes, Charles R., and J. P. Rogers, to The Murray Corp. of America. Laundry appliances. 2,837,927, 6-10-58, Cl. 74-81.
- Stelljes, Charles R., and J. P. Flannery, to The Murray Corp. of America. Washing machines. 2,844,965, 7-29-58, Cl. 74-70.
- Stellmacher, Donald D., to Hoffman Electronics Corp. Radiation detection pulse translating circuit. 2,824,238, 2-18-58, Cl. 250-83.6.
- Stello, Phyllis E., to Hughes Aircraft Co. Method for preparing silicon-germanium alloys. 2,829,994, 4-8-58, Cl. 148-16.
- Stellwag, Johann, to Victoria-Werke A. G. Bearings for pedal crank shafts of pedal driven vehicles. 2,856,243, 10-14-58, Cl. 308-179.5.
- Stelma, Frank: See—
- Korsgren, Theodore Y., Sr., and Stelma. 2,837,926.
- Stelma, Gerard N., E. J. Krook, and L. R. King, to Dexter Industries, Inc. Sprinkler head. 2,845,304, 7-9-58, Cl. 299-120.
- Stelma, Harry, to Champion Safe Tap Co. Container tapping device. 2,830,611, 4-15-58, Cl. 137-322.
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- Carver, Lawrence M. 2,856,458.
- Stelmachowski, Carl, to Super-Cut, Inc. Truing device for peripheral type grinding wheels. 2,841,929, 7-8-58, Cl. 51-168.
- Stelmachowski, Carl, to Super-Cut Inc. Truing device for peripheral type grinding wheels. 2,855,731, 10-14-58, Cl. 51-169.
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- Stelmak, John P., and R. E. Brown, to Westinghouse Electric Corp. Semiconductor device. 2,862,158, 11-25-58, Cl. 317-234.
- Steltz, Irvin J.: See—
- Ellis, Wayne P., Smith, and Steltz. 2,861,967.
- Stelzer, Carl, to Kurt Korber & Co. Mechanism for wrapping assembled cigarette cartridges of cigarettes and filter mouthpieces. 2,855,938, 10-14-58, Cl. 131-94.
- Stelzer, William. Brake operating mechanism. 2,820,344, 1-21-58, Cl. 60-54.6.
- Stelzer, William. Booster brake mechanism. 2,820,345, 1-21-58, Cl. 60-54.6.
- Stelzer, William, to W. Eickel. Faucets. 2,834,572, 5-13-58, Cl. 251-243.
- Stelzer, William. Booster brake mechanism. 2,848,877, 8-26-58, Cl. 60-54.6.
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- Stelzer, William, to W. Eickel. Sanitary faucet. 2,854,208, 9-30-58, Cl. 251-147.
- Stelzer, William, to Kelsey-Hayes Co. Tractor-trailer brake system. 2,857,988, 10-28-58, Cl. 188-3.
- Stelzer, William, to Kelsey-Hayes Co. Booster brake mechanism. 2,862,364, 12-2-58, Cl. 60-54.5.
- Stelzer, William. Booster brake mechanism. 2,866,317, 12-30-58, Cl. 60-54.5.
- Stem, Donald E. Method and apparatus for separating magnetic sheets. 2,847,212, 8-12-58, Cl. 271-18.
- Stemel, Vincent A., D. E. Lake, and G. E. Cantwell, to The Dow Chemical Co. Drum dryer. 2,851,792, 9-16-58, Cl. 34-128.
- Stemp, Ronald G.: See—
- Mason, Frederick P., and Stemp. 2,853,543.
- Stempel, Guido H., Jr., to The General Tire & Rubber Co. Process for preparing organic sulfonyl hydrazides. 2,830,086, 4-8-58, Cl. 260-556.
- Stempel-Hermetik G. m. b. H.: See—
- Hintze, Rudolf. 2,823,850.
- Stempel, Laszlo M.: See—
- Newcomb, Benjamin R., and Stempel. 2,819,670.
- Stempel, Laszlo M., to John Waldron Corp. Single sheet delivery device for web fed press. 2,846,046, 8-5-58, Cl. 198-31.

- Stemples, John G., to Powell Steel Lath Corp. Structure for reinforcement of building wall corners. 2,851,741, 9-16-58, Cl. 20-4.
- Sten, Walter G.: *See*—
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- Stenberg, Harald: *See*—
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- Stenberg, Sigfrid L. Gripping device. 2,819,090, 1-7-58, Cl. 279-2.
- Steneck, Walter G., Jr.: *See*—
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- Stengel, Frederick G., to Westinghouse Electric Corp. Process and apparatus for treating ingots. 2,853,408, 9-23-58, Cl. 148-10.
- Stengel, Leonard A., to Commercial Solvents Corp. Process for reforming hydrocarbons. 2,852,358, 9-16-58, Cl. 48-196.
- Stenger, Richard C., to Baijak Corp. Self-locking folding boxes. 2,837,261, 6-3-58, Cl. 229-35.
- Stenners of Tiverton Ltd.: *See*—
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- Stenning, Kenneth A.: *See*—
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- Stenning, Luis C., to The General Electric Co. Ltd. Electric pulse generators. 2,830,179, 4-8-58, Cl. 250-27.
- Stensholms Fabriks Aktiebolag: *See*—
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- Stenstrom, Sten R. Braking device for printing presses with reciprocating type bed. 2,849,227, 8-26-58, Cl. 267-75.
- Stentz, Blair E.: *See*—
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- Stenuick, André P. C. Apparatus for dry drilling of bore holes. 2,823,013, 2-11-58, Cl. 255-3.
- Stenzel, Richard W., to Petrolite Corp. Method and apparatus for treating emulsions. 2,855,356, 10-7-58, Cl. 204-188.
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Smedslund, Tor H. 2,825,745.
- Stephan, A., u. Sohne: *See*—
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- Stephan, Alfred, to A. Stephan u. Sohne. Feeding apparatus for sausage filling machines. 2,826,341, 3-11-58, Cl. 222-162.
- Stephan, Hallis N., to The New Britain Machine Co. Horizontal boring, drilling and milling machine. 2,847,911, 8-19-58, Cl. 90-14.
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- Stephani, Richard M., to Westinghouse Electric Corp. Heat exchange apparatus. 2,819,882, 1-14-58, Cl. 257-239.
- Stephany, Fred E., to Becton, Dickinson and Co. Syringe tip structure. 2,842,125, 7-8-58, Cl. 128-218.
- Stephen, William F.: *See*—
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- Stephens-Adamson Mfg. Co.: *See*—
Renner, Elmer J. 2,824,656.
Renner, Elmer J. 2,839,181.
Renner, Elmer J., and Train. 2,826,319.
Sinden, Alfred D. 2,862,603.
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- Stephens, Allen J. Hub caps for oil lubricated wheels. 2,854,287, 9-30-58, Cl. 301-108.
- Stephens, Basil F. Means for heating and ventilating a hatching compartment in an incubator. 2,833,245, 5-6-58, Cl. 119-37.
- Stephens, Byron T., to Pittsburgh Plate Glass Co. Phthalocyanine pigmented nitrocellulose lacquers. 2,851,371, 9-9-58, Cl. 106-193.
- Stephens, Charles D. Fishing rod attached reel clamp and seat. 2,855,718, 10-14-58, Cl. 43-22.
- Stephens, Charles R., Jr., to Chas. Pfizer & Co., Inc. Cyclic ketones. 2,841,596, 7-1-58, Cl. 260-351.
- Stephens, Clifford A.: *See*—
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- Stephens, Clifford A., and R. W. McCandless. Shaft seals. 2,854,267, 9-30-58, Cl. 288-3.
- Stephens, Frank H., Jr. High fidelity speaker enclosure combination. 2,825,419, 3-4-58, Cl. 181-31.
- Stephens, Frederick N., and C. C. Perkins, Jr., to Gustin-Bacon Mfg. Co. Linear feed mat winding machine. 2,848,175, 8-19-58, Cl. 242-55.1.
- Stephens, James R., and L. Rapoport, to American Cyanamid Co. Process of hydrolyzing cyanoethylated cotton textiles with alkaline hydrogen peroxide and acidic hydrolysis. 2,820,691, 1-21-58, Cl. 8-129.
- Stephens, James R., and L. Rapoport, to American Cyanamid Co. Partially acetylated, cyanoethylated cotton textile fibers and process of acetylating cyanoethylated cotton textile fibers. 2,825,623, 3-4-58, Cl. 8-129.
- Stephens, Joe F., to General Electric Co. Spacer structure. 2,849,640, 8-26-58, Cl. 313-292.
- Stephens, Joe F., to General Electric Co. Electron discharge device anode structure. 2,857,544, 10-21-58, Cl. 313-299.
- Stephens, John A., to Monsanto Chemical Co. Halogenated-3-phenylsalicylanilides. 2,865,861, 12-23-58, Cl. 252-107.
- Stephens, Joseph F., to Gustin-Bacon Mfg. Co. Indexing mat winding machine. 2,821,347, 1-28-58, Cl. 242-55.1.
- Stephens, Joseph F., to Gustin-Bacon Mfg. Co. Process of making a mat or felted structure. 2,825,389, 3-4-58, Cl. 154-28.
- Stephens, Joseph F., and G. H. Sowers, to Gustin-Bacon Mfg. Co. Apparatus for winding superfine glass fiber. 2,846,157, 8-5-58, Cl. 242-18.
- Stephens, Richard G., to Link Aviation, Inc. Reversible counters. 2,835,445, 5-20-58, Cl. 235-92.
- Stephens, Robert B.: *See*—
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- Stephens, Thomas C., to Collins Radio Co. Jitter alleviating system for a scope. 2,833,919, 5-6-58, Cl. 250-27.
- Stephens, Verlin C., to Eli Lilly and Co. Esters of erythromycin and carbomycin. 2,857,312, 10-21-58, Cl. 167-65.
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- Stephenson Corp.: *See*—
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- Stephenson, Edgar: *See*—
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- Stephenson, Edward B., H. M. Trent, and J. R. Richards. Virtual target for echo ranging apparatus. 2,838,850, 6-17-58, Cl. 35-25.
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- Stephenson, Geoffrey H., to Electric & Musical Industries Ltd. Rate measuring apparatus. 2,861,742, 11-25-58, Cl. 235-61.
- Stephenson, Geoffrey H., and R. H. Booth, to Electric & Musical Industries Ltd. Apparatus for evaluating the rate of change of a magnitude. 2,848,159, 8-19-58, Cl. 235-61.
- Stephenson, Howard F., to General Motors Corp. Sprag clutch. 2,845,159, 7-29-58, Cl. 192-45.2.
- Stephenson, Ivan J.: *See*—
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- Stephenson, Joe B., 10% to W. H. Hamblen and W. T. McNeil. Pipe line tapping assembly. 2,840,100, 6-24-58, Cl. 137-318.
- Stephenson, Lee P., to California Research Corp. Optical method for eliminating false strata from a seismic profile sheet. 2,862,414, 12-2-58, Cl. 88-1.
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- Stephanson, Wallace O. Automobile dome light circuit. 2,840,759, 6-24-58, Cl. 315-84.
- Stephenson, Walter H. Rotary mulching and cultivating device. 2,847,922, 8-19-58, Cl. 97-215.
- Stephenson, William B., Jr.: *See*—
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- Stephenson, William B., Jr., and D. H. Greisl, to General Electric Co. Process for preparing a metal surface for coating and product thereof. 2,834,691, 5-13-58, Cl. 117-65.
- Steppe, Robert H.: *See*—
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- Sterges, Alfred D., to Purex Corp., Ltd. Bottle structure. 2,831,593, 4-22-58, Cl. 215-1.
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- Sterick, Harrison D. Gas burning radiant heating unit. 2,822,799, 2-11-58, Cl. 126-92.
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- Steriss, John L. Baseball catcher's mask. 2,839,755, 6-24-58, Cl. 2-9.
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- Sterling, Albert H. Serrating devices. 2,826,803, 3-18-58, Cl. 29-103.
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- Sterling, John D., Jr., and J. W. Richter, to E. I. du Pont de Nemours and Co. Derivatives of 4-anilino-3-nitrobenzene-sulfonamide. 2,834,794, 5-13-58, Cl. 260—397.7.
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- Stern, Arnold S. Flexible shaft coupling. 2,824,434, 2-25-58, Cl. 64—11.
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 Stetson, Bradford R.: *See*—
 Ottinger, August F., and Stetson. 2,855,881.
 Stetson, Richard B. Panel illuminator and indicator. 2,830,172, 4-8-58, Cl. 240—8.16.
 Stetson, Russell: *See*—
 Wasserman, Max, and Stetson. 2,864,325.
 Stetson, Russell, to Wasco Products Inc. Combination skylight and fire vent construction. 2,827,003, 3-18-58, Cl. 108—16.
 Stetter, Charles W.: *See*—
 Wagner, Edward W., and Stetter. 2,866,325.
 Stetz, Robert J., and E. Rogers, to The Engine Parts Mfg. Co. Bronzing lacquer containing polyalkyl acrylate and trichlorofluoromethane. Re. 2,414, 1-7-58, Cl. 260—33.6.
 Stetzler, Grant F., to Western Electric Co. Inc. Pulse generator systems. 2,852,703, 9-16-58, Cl. 307—132.
 Steuerman, Sergey. Means for surface compacting soil, ground and similar granular materials. 2,828,676, 4-1-58, Cl. 94—48.
- Steven, William, and R. M. Lamb, to The International Nickel Co., Inc. Method for making improved gray cast iron. 2,841,490, 7-1-58, Cl. 75—130.
 Stevens, Adele M.: *See*—
 Rice, Henry T. M., and R. T. and D. Stevens. 2,863,541.
 Rice, Henry T. M., and Stevens. 2,835,365.
 Rice, Henry T. M., and Stevens. 2,842,240.
 Stevens, Alice M. Sprinkler cap. 2,857,069, 10-21-58, Cl. 215—99.
 Stevens, Bert V.: *See*—
 Fultz, Allen R., and Stevens. 2,838,977.
 Stevens, Bert V., to Eastman Kodak Co. Adjustable episcopic illumination for the contour projector. 2,843,009, 7-15-58, Cl. 88—24.
 Stevens, Bertram: *See*—
 Squire, Major, Turner, and Stevens. 2,823,299.
 Stevens, Bertram, to Thorn Electrical Industries Ltd. Illuminated instrument panel. 2,860,234, 11-11-58, Cl. 240—8.16.
 Stevens, Bertram, E. Stephenson, and M. A. Lancucki. Instrument dial illuminator. 2,858,417, 10-28-58, Cl. 240—8.16.
 Stevens, Calvin L., to Parke, Davis & Co. Process for producing amides. 2,820,781, 1-21-58, Cl. 260—112.
 Stevens, Charles H., to the United States of America as represented by the Secretary of the Army. Block actuator for a revolver-type gun. 2,818,784, 1-7-58, Cl. 89—155.
 Stevens, Charles H., to United States of America, Army. Relinking feeder. 2,845,005, 7-29-58, Cl. 89—33.
 Stevens, Clarence E., to The Filter Corp. Vacuum cleaner nozzle. 2,862,225, 12-2-58, Cl. 15—365.
 Stevens, Clifford B., to American Machine & Foundry Co. Convertible bicycle frame. 2,827,301, 3-18-58, Cl. 280—7.11.
 Stevens, Clifford B., to American Machine & Foundry Co. Crossbar tank for cycles. 2,840,287, 6-24-58, Cl. 224—35.
 Stevens, Daniel S. Weighing device. 2,861,790, 11-25-58, Cl. 265—68.
 Stevens, David R. Reversible adjustable meat cutting block. 2,836,213, 5-27-58, Cl. 146—215.
 Stevens, Dillon: *See*—
 Rice, Henry T. M., and R. T. and D. Stevens. 2,863,541.
 Rice, Henry T. M., and Stevens. 2,835,365.
 Rice, Henry T. M., and Stevens. 2,842,240.
 Stevens, Donald R.: *See*—
 Dubbs, Arthur C., and Stevens. 2,862,976.
 Stevens, Donna, to The Dow Chemical Co. Lower-alkyl esters of ethionine. 2,840,595, 6-24-58, Cl. 260—481.

- Stevens, Donna, G. H. Harris, and M. B. Pearlman, to The Dow Chemical Co. Phenols from aromatic sulfonic sulfamic and sulfone compounds. 2,831,895, 4-22-58, Cl. 260-607.
- Stevens, Donna, G. H. Harris, and M. B. Pearlman, to The Dow Chemical Co. Phenols from aromatic ketones. 2,839,541, 6-17-58, Cl. 260-383.
- Stevens, Edmund G. Stalk and straw disintegrating and distributing mechanism. 2,848,238, 8-19-58, Cl. 275-3.
- Stevens, Elliott M., and W. H. Pusch. Transport container crawler. 2,832,481, 4-29-58, Cl. 214-38.
- Stevens, Everett G., to Western Electric Co., Inc. Apparatus for molding powdered granular material into preformed articles. 2,839,787, 6-24-58, Cl. 18-30.
- Stevens, F. B., Inc.: *See*—
Parton, James. 2,860,099.
- Stevens, Geo., Mfg. Co.: *See*—
Reitherman, Ralph. 2,824,582.
- Stevens, George B., Jr.: *See*—
Conigliaro, Carmen, 2,833,039.
- Stevens, Gerald K.: *See*—
Ogle, Theodore O., and Stevens. 2,841,683.
- Stevens, Harold B., to Shawinigan Chemicals Ltd. Preparation of peracetic acid. 2,830,080, 4-8-58, Cl. 260-502.
- Stevens, Harold E., to Bird Electronic Corp. Unidirectional sampling device for insertion in high frequency coaxial electrical transmission line. 2,831,163, 4-15-58, Cl. 324-95.
- Stevens, Henry P., L. O. Bentz, and H. E. Albert, to The Firestone Tire & Rubber Co. Rubber stabilized with metallic symmetrical disubstituted thiourea compound. 2,849,420, 8-26-58, Cl. 260-45.75.
- Stevens, Herbert A. Key tags. 2,842,877, 7-15-58, Cl. 40-2.
- Stevens, J. P., & Co., Inc.: *See*—
Benn, George F. 2,820,280.
Winslow, Albert E., and McIlwain. 2,820,253.
Winslow, Albert E., and Waldrop. 2,838,921.
- Stevens, James: *See*—
Forsyth, George H., Stevens, and Aubrey. 2,828,105.
- Stevens, Justus B., to Sealor Corp. Sealing means for two relatively rotatable parts. Re. 24,551, 10-14-58, Cl. 286-11.14.
- Stevens, Kent II., to Aircraft Specialty Lines. Radio direction finding circuit. 2,820,963, 1-21-58, Cl. 343-120.
- Stevens, Leonard, to Brevets Aero-Mecaniques S. A. Gun mounting with magazine and spent ammunition collector. 2,822,731, 2-11-58, Cl. 89-37.
- Stevens, Lloyd L., to United States Steel Corp. Shaft retarder. 2,854,075, 9-30-58, Cl. 164-68.
- Stevens, Louis D.: *See*—
Haanstra, John W., Stevens, Noyes, and Johnson. 2,866,179.
- Stevens, Ludlow. Resilient coil pawl and ratchet type nut and bolt lock. 2,834,390, 5-13-58, Cl. 151-11.
- Stevens Mfg. Co., Inc.: *See*—
Bletz, Howard W. 2,856,489.
- Stevens, Marcus A.: *See*—
Fields, Melvin, and Stevens. 2,865,928.
Rogers, Arthur O., and Stevens. 2,825,747.
- Stevens, Marcus A., to E. I. du Pont de Nemours and Co. Production of glutamic acid. 2,859,218, 11-4-58, Cl. 260-309.5.
- Stevens, Melvin C. Motion transmitting apparatus. 2,828,634, 4-1-58, Cl. 74-82.
- Stevens, Otis L., and E. J. Millard, Sr. Mechanical torsional vibration damper. 2,837,902, 6-10-58, Cl. 64-29.
- Stevens, Paul W.: *See*—
McLeod, John H., and Stevens. 2,819,649.
- Stevens, Robert L., to Wiesner-Rapp Co., Inc. Power floats. 2,826,971, 3-18-58, Cl. 94-45.
- Stevens, Robert L., to Wiesner-Rapp Co., Inc. Cement finishing machine. 2,826,972, 3-18-58, Cl. 94-45.
- Stevens, Robert T.: *See*—
Rice, Henry T. M., and R. T. and D. Stevens. 2,863,541.
Rice, Henry T. M., and Stevens. 2,835,365.
Rice, Henry T. M., and Stevens. 2,842,240.
- Stevens, Robert V.: *See*—
Walston, Howard W., and Stevens. 2,851,575.
- Stevens, Ronald J. Pumps for fluids, more especially liquids. 2,842,067, 7-8-58, Cl. 103-152.
- Stevens, Samuel N., to The Timken Roller Bearing Co. Inspection apparatus with constant high intensity light. 2,823,301, 2-11-58, Cl. 240-41.
- Stevens, Samuel N., to The Timken Roller Bearing Co. Roller inspecting device. 2,857,800, 10-28-58, Cl. 88-14.
- Stevens, William B.: *See*—
Plumley, Glenn V., and Stevens. 2,828,842.
Plumley, Glenn V., Stevens, and Dudish. 2,849,758.
- Stevens, William H., to E. I. du Pont de Nemours and Co. Film advancing roll. 2,839,785, 6-24-58, Cl. 18-15.
- Stevens, William P. Hand truck. 2,838,190, 6-10-58, Cl. 214-374.
- Stevens, Charles A., to The Heinn Co. Debossed printed book cover. 2,842,884, 7-1-58, Cl. 41-24.
- Stevenson, Albert E., and P. H. Thompson, to United States of America, Army. Point detonating fuze for high velocity round. 2,850,980, 9-9-58, Cl. 102-79.
- Stevenson, Clinton L. Baby diaper. 2,837,095, 6-3-58, Cl. 128-284.
- Stevenson, David A.: *See*—
Ridgers, Frederick G., and Stevenson. 2,822,146.
- Stevenson, Derek A., to R. W. Crabtree & Sons Ltd. Transmission device for rotary printing machines. 2,866,408, 12-30-58, Cl. 101-219.
- Stevenson, Frederick R.: *See*—
Beaufait, Loren J., Jr., Stevenson, and Rollefson. 2,860,949.
- Stevenson, George G.: *See*—
Trumbull, Donald E., Stevenson, and Trautmann. 2,859,017.
- Stevenson, Herbert A., N. G. Clark, and J. E. Cranham, to Boots Pure Drug Co. Ltd. Bis-p-fluorobenzyl disulfide and acaricidal compositions therewith. 2,825,676, 3-4-58, Cl. 167-30.
- Stevenson, Herbert A., and G. A. Ramlose, to George A. Ramlose Foundation, Inc. Means of handling articles. 2,828,027, 3-25-58, Cl. 214-38.
- Stevenson, Ian W., and P. J. A. Turner, to Kelvin & Hughes Ltd. Projecting indicating means. 2,850,942, 9-9-58, Cl. 88-24.
- Stevenson, Irving C. Container for toilet paper rolls. 2,819,139, 1-7-58, Cl. 312-234.
- Stevenson, John B.: *See*—
Billson, John A., and Stevenson. 2,832,309.
- Stevenson, Pansy M. Garment construction. 2,843,849, 7-22-58, Cl. 2-123.
- Stevenson, Robert, to Merit Engineering, Inc. Relief valve. 2,821,996, 2-4-58, Cl. 137-190.
- Stevenson, Robert, to Magnetic Seal Corp. Rotary seal. 2,843,403, 7-15-58, Cl. 286-11.15.
- Stevenson, Thomas, and W. W. Cavell, to the United States of America as represented by the Secretary of the Army. Smoke tracer composition. 2,823,105, 2-11-58, Cl. 52-24.
- Stevenson, Wade: *See*—
Clark, Frederick G. 2,833,548.
- Stevenson, Warren H.: *See*—
Hund, Frank C. 2,852,979.
- Stevenson, William F., J. J. Mancusi, Jr., and L. Edelson, to United States of America, Army. Point detonating delay action fuze. 2,831,431, 4-22-58, Cl. 102-74.
- Stevenson, William N.: *See*—
Jackson, Patrick T., and Stevenson. 2,861,416.
- Stevinson, Melvin R.: *See*—
Bloom, Albert, Lehne, and Stevinson. 2,842,562.
- Steward, Arthur D. Pointing hawk. 2,821,078, 1-28-58, Cl. 72-138.
- Steward, Lewis P., and J. S. Hawkins, to Jennings Radio Mfg. Corp. Vacuum relay. 2,843,701, 7-15-58, Cl. 200-104.
- Steward, Robert R., Jr., to Minneapolis-Honeywell Regulator Co. Electrical apparatus. 2,826,733, 3-11-58, Cl. 321-48.
- Stewart, Alfred W.: *See*—
Bourns, Marlan E., Harrison, Hardison, and Stewart. 2,850,607.
- Stewart Polling & Co., Inc.: *See*—
Bolling, Stewart. 2,820,618.
- Stewart, Bruce D., to McKiernan-Terry Corp. Inlay and tipping machine. 2,855,844, 10-14-58, Cl. 101-23.
- Stewart, Bruce D., to McKiernan-Terry Corp. Calendar for web material. 2,865,118, 12-23-58, Cl. 38-52.
- Stewart, Buren W. Outboard motor cart and stand. 2,860,887, 11-18-58, Cl. 280-36.
- Stewart, Carl K., deceased, by W. A. Kleinholt, administrator, to M. Stewart. Reproducing engineering data. 2,852,373, 9-16-58, Cl. 96-36.
- Stewart, Charles D., to Lockheed Aircraft Corp. Automatic locking device. 2,835,459, 5-20-58, Cl. 244-83.
- Stewart, Charles L., to Keyes Fibre Co. Molded pulp container with tear strip. 2,863,548, 12-23-58, Cl. 229-2.5.
- Stewart, Charles W., to The Sprague Meter Co. Combination meter top and regulator. 2,836,065, 5-27-58, Cl. 73-199.
- Stewart, Charles W., to Corn Products Refining Co. Dry stable feed composition. 2,841,495, 7-1-58, Cl. 99-2.
- Stewart, Charles W., to The Sprague Meter Co. Temperature and pressure compensating device for gas meters. 2,844,963, 7-29-58, Cl. 73-233.
- Stewart, David G.: *See*—
Clar, Eric, and Stewart. 2,841,597.
- Stewart, Donald F. Magnetic base tool support. 2,863,338, 12-9-58, Cl. 77-7.
- Stewart, Douglass M., to Esso Research and Engineering Co. Wire line hydraulic pulling tool. 2,829,716, 4-8-58, Cl. 166-98.
- Stewart, Douglass M., to Esso Research and Engineering Co. Deep perforation of subsurface formations. 2,843,041, 7-15-58, Cl. 102-21.6.
- Stewart, Edward L., R. F. Brewton, and H. Quackenbush. Cutter head for suction dredges. 2,819,542, 1-14-58, Cl. 37-67.
- Stewart, Felix I. Powered unit for endless conveyor cables. 2,836,983, 6-3-58, Cl. 74-224.
- Stewart, Felix I. Dragline construction and associated excavation equipment. 2,851,176, 9-9-58, Cl. 214-102.
- Stewart, Francis R., 50% to M. C. Stewart. Bottle holder. 2,864,575, 12-16-58, Cl. 248-103.
- Stewart, Frederick G.: *See*—
Gunnell, Bruce C., and Stewart. 2,839,013.
- Stewart, Gladys. Space ball toy. 2,831,685, 4-22-58, Cl. 272-1.
- Stewart, Hall: *See*—
Culmer, Thaddeus W. 2,843,547.
- Stewart, Harold A. Painting accessories. 2,823,399, 2-18-58, Cl. 15-121.3.

- Stewart, Hector D.: *See*—
Simmmonds, George H., and Stewart. 2,818,905.
- Stewart, Hugh B., to United States of America, Atomic Energy Commission. Neutronic reactor. 2,865,826, 12-23-58, Cl. 204—193.2.
- Stewart Industries, Inc.: *See*—
Bleier, Frank. 2,847,156.
- Stewart, Irwin H. Dental floss holder. 2,828,754, 4-1-58, Cl. 132—91.
- Stewart, James E., to International Business Machines Corp. Record analyzer for accounting machines. 2,829,831, 4-8-58, Cl. 235—61.11.
- Stewart, James M. Bulk feeding apparatus. 2,846,089, 8-5-58, Cl. 214—17.
- Stewart, James U., and R. C. Coopridier. Liquid dispensing and measuring valve for liquid containers. 2,828,893, 4-1-58, Cl. 222—453.
- Stewart, James U., and R. C. Coopridier, to The Drackett Co. Dispensing pump units. 2,837,247, 6-3-58, Cl. 222—321.
- Stewart, James U., and R. C. Coopridier, to The Drackett Co. Dispensing pump unit. 2,846,124, 8-5-58, Cl. 222—321.
- Stewart, James U., and R. C. Coopridier, to The Drackett Co. Self-sealing internally vented dispenser pump. 2,853,210, 9-23-58, Cl. 222—207.
- Stewart, Jay J., to E. I. du Pont de Nemours and Co. Thermoplastic polymeric films. 2,829,068, 4-1-58, Cl. 117—76.
- Stewart, John M. Vending machine. 2,837,237, 6-3-58, Cl. 221—11.
- Stewart, John W.: *See*—
Bausher, John A., Jr., Kelly, and Stewart. 2,845,345.
- Stewart, Joseph, S. C. Fulton, and A. W. Langer, Jr., to Esso Research and Engineering Co. Process for recovery of oil from shale. 2,817,306, 8-12-58, Cl. 196—14.
- Stewart, Kenneth M. Door closer or the like. 2,823,413, 2-18-58, Cl. 16—76.
- Stewart, Mabel: *See*—
Stewart, Carl K. 2,852,373.
- Stewart, Marie C.: *See*—
Stewart, Francis R. 2,864,575.
- Stewart, Meredith M.: *See*—
Franke, Norman W., and Stewart. 2,865,836.
- Stewart, Raymond H.: *See*—
Watt, John R., and Stewart. 2,821,070.
- Stewart, Richard F.: *See*—
Jones, Morton E., Jackson, and Stewart. 2,866,140.
- Stewart, Robert K.: *See*—
Richard, William R., Jr., Stewart, and Calfee. 2,852,501.
- Stewart & Stevenson Services, Inc.: *See*—
Mitchell, Fred E. 2,849,958.
- Stewart, Vincent N., to General Electric Co. Electric current limiting fuse. 2,866,037, 12-23-58, Cl. 200—120.
- Stewart-Warner Corp.: *See*—
Allen, Arthur C. 2,859,622.
- Bell, William R. 2,828,652.
- Fairbanks, Gordon J. 2,850,004.
- Fairbanks, Gordon J. 2,856,484.
- Farr, Willard H. 2,846,539.
- Fisher, John T. 2,848,657.
- Gray, Dudley. 2,837,739.
- Hosking, Paul C. 2,823,547.
- Milford, Stewart F. 2,841,135.
- Padgett, Walter C., and Boesen. 2,856,450.
- Ryder, Frank A. 2,841,134.
- Ryder, Frank A., Tramontini, and Wein. 2,834,336.
- Staiger, Kurt. 2,865,593.
- Wein, John F. 2,844,140.
- Wein, John F. 2,844,195.
- Zargarpur, Rouhollah. 2,855,889.
- Stewart, William D.: *See*—
Rainer, William C., Redding, Hitov, Sloan, and Stewart. 2,855,517.
- Stewart, William T., and G. J. Bendit, Jr., to California Research Corp. Jet turbine lubricant composition. 2,839,463, 6-17-58, Cl. 252—32.5.
- Stibbe, G. & Co. Ltd.: *See*—
Burdett, Henry S. 2,819,599.
- Stibitz, George R.: *See*—
Stereophonic organ. 2,821,878, 2-4-58, Cl. 84—101.
- Stibitz, George R., to Barber-Colman Co. Elliptical gear. 2,842,977, 7-15-58, Cl. 74—437.
- Stiburski, Edward J., to Elco Products Co. Roasting rack for wieners and the like. 2,838,990, 6-17-58, Cl. 99—419.
- Stich, Jules N.: *See*—
Kimura, Shuji, and Stich. 2,836,493.
- Stickel, Carl A., to General Motors Corp. Domestic appliance. 2,824,205, 2-18-58, Cl. 219—37.
- Stickel, Wesley N., to Texon, Inc. Battery separator and method of making same. 2,850,559, 9-2-58, Cl. 136—145.
- Stickelber, Merlin A., to Stickelber & Sons, Inc. Cooling means for package seals. 2,823,729, 2-18-58, Cl. 154—42.
- Stickelber & Sons, Inc.: *See*—
Kieffaber, Clarence A. 2,843,062.
- Stickelber, Merlin A. 2,823,729.
- Stickle, Frederick A., to Stickle Steam Specialties Co. Automatic steam control for paper machines. 2,852,860, 9-23-58, Cl. 34—49.
- Stickle Steam Specialties Co.: *See*—
Stickle, Frederick A. 2,852,860.
- Stickley, Carl W. Piston. 2,859,077, 11-4-58, Cl. 309—12.
- Stickley, John C. Balloon holder. 2,840,948, 7-1-58, Cl. 46—32.
- Stickney, Truman M., and F. C. Schwenk. Sensing element for thermocouple probes. 2,835,718, 5-20-58, Cl. 136—4.
- Stiebel, Theodor H. Temperature controlled regulator switch having means limiting dry-run heating and preventing subsequent energization of electric. 2,834,869, 5-13-58, Cl. 219—44.
- Stiebel, Theodor H. Apparatus for preparing coffee beverages. 2,835,782, 5-20-58, Cl. 219—44.
- Stiebel, Theodor H. Miniature immersion heater with built-in, manually operable, switch. 2,849,590, 8-26-58, Cl. 219—41.
- Stiebel, Theodor H., and O. I. Irslinger. Temperature responsive spring actuated switch for electrical heating devices. 2,834,854, 5-13-58, Cl. 200—140.
- Stieber, Joseph A.: *See*—
Hatton, Harold L., Stieber, and Toothill. 2,865,877.
- Toothill, Frederick W., Jr., Stieber, and Hatton. 2,865,878.
- Stieber, Joseph G.: *See*—
Caesar, Orville S., and Stieber. 2,840,258.
- Stiebinger, Hibbard H. Emergency brake. 2,825,428, 3-4-58, Cl. 188—162.
- Stiebling, Ewald: *See*—
Roelen, Otto, Kolling, Geiser, and Stiebling. 2,838,477.
- Stiefel, Earl E. Routing machine door crafter. 2,839,104, 6-17-58, Cl. 144—27.
- Stiefel, Rudy C., to Sperry Rand Corp. Medium speed printer. 2,845,019, 7-29-58, Cl. 101—96.
- Stiefenhofer, Ferdinand: *See*—
Kaden, Willy, and Stiefenhofer. 2,862,678.
- Stieg, William E.: *See*—
Easminger, Stanley W., Regna, Stieg, and Timreck. 2,831,878.
- Stieg, William E., to Chas. Pfizer & Co., Inc. Thiamin salts. 2,833,769, 5-6-58, Cl. 260—256.6.
- Stigele, Karl E., to Rodi & Wienerberger Akt. Expansion bracelet having two parallel rows of connecting links. 2,840,982, 7-1-58, Cl. 59—79.
- Stiegler, Harold W., to The American Association of Textile Chemists and Colorists. Method and apparatus for testing fabrics. 2,862,383, 12-2-58, Cl. 73—7.
- Stiegler, George. Hamburg steak patty forming device. 2,837,761, 6-10-58, Cl. 17—32.
- Stieglitz, Henry C., to Thompson Products, Inc. Surface-treating machine. 2,830,410, 4-15-58, Cl. 51—64.
- Stiel, Heinrich. Safety-shoe for retractable support assemblies for semi-trailers. 2,840,391, 6-24-58, Cl. 280—150.5.
- Stieltjes, Frederik H.: *See*—
Tummers, Leonard J., and Stieltjes. 2,838,617.
- Stieltjes, Frederik H., and L. J. Tummers, to North American Phillips Co., Inc. Semi-conductor device. 2,822,310, 2-4-58, Cl. 148—33.
- Stiens, Robert B., to Palmer Thermometers, Inc. Maximum-minimum pointer assembly. 2,848,973, 8-26-58, Cl. 116—129.
- Stier, Eberhard: *See*—
Zerweck, Werner, Ritter, and Stier. 2,832,789.
- Stietzel, Horst E. J. H., and A. H. A. Siebenberg, to North American Phillips Co., Inc. Electron beam-tuning-indication tube. 2,822,494, 2-4-58, Cl. 313—107.5.
- Stieve, Clarence P.: *See*—
Grominger, George K., Jr., Cook, and Stieve. 2,831,026.
- Stiff, Bernard G. E., to High Voltage Engineering Corp. Electron window. 2,820,168, 1-14-58, Cl. 313—74.
- Stiff, Bernard G. E., to High Voltage Engineering Corp. Electrostatic accelerator. 2,847,586, 8-12-58, Cl. 310—5.
- Stiffel Co., The: *See*—
Steinbach, Thomas M. 2,863,041.
- Stiffel, Theophile A. Lamp shade support. 2,840,692, 6-24-58, Cl. 240—132.
- Stiffel, Theophile A. Portable wall or panel structures and means for supporting same. 2,855,037, 10-7-58, Cl. 160—135.
- Stigum, Tom. Vehicle bunk and scale. 2,826,404, 3-11-58, Cl. 265—40.
- Stikleather, Robert M. Rotating tube-straightening machine. 2,829,698, 4-8-58, Cl. 153—100.
- Stikleather, Robert M. Tube bending machine including a work-supporting screw threaded, rotating mandrel. 2,855,018, 10-7-58, Cl. 153—40.
- Stikleather, Robert M. Machine for cutting off lengths of finned tubing. 2,866,257, 12-30-58, Cl. 29—69.
- Stile-Craft Manufacturers, Inc.: *See*—
Rogers, Gerald L. 2,843,401.
- Stiles, Alan R., and R. R. Wherstone, to Shell Development Co. Complex amido-substituted esters of beta-phospho-alpha, beta-olefinically unsaturated monocarboxylic acids. 2,865,944, 12-23-58, Cl. 260—461.
- Stiles, Alvin B.: *See*—
Cates, Harry L., Jr., Punderson, Wheatcroft, and Stiles. 2,851,496.
- Luckey, George W., Robinett, and Stiles. 2,831,752.
- Stiles, John W. Carton unloader. 2,862,633, 12-2-58, Cl. 214—309.
- Stiles, Richard C., to General Telephone Laboratories, Inc. Telegraph system with automatic speed control. 2,849,531, 8-26-58, Cl. 178—17.5.
- Stiles, Samuel R.: *See*—
Skelly, Joseph F., and Stiles. 2,863,724.
- Stiles, Samuel R., to The M. W. Kellogg Co. Alkylation of hydrocarbons. 2,829,183, 4-1-58, Cl. 260—683.15.

- Stiles, Samuel R., to The M. W. Kellogg Co. Alkylation process with purification of spent sulfuric acid. 2,831,043, 4-15-58, Cl. 260—683.62.
- Stiles, Samuel R., to The M. W. Kellogg Co. Process and apparatus for alkylation of hydrocarbons. 2,852,581, 9-16-58, Cl. 260—683.43.
- Stiles, Samuel R., to The M. W. Kellogg Co. Alkylation of hydrocarbons. 2,859,259, 11-4-58, Cl. 260—683.58.
- Stiles, Samuel R., to The M. W. Kellogg Co. Alkylation of hydrocarbons. 2,859,260, 11-4-58, Cl. 260—683.62.
- Stiles, Samuel R., to The M. W. Kellogg Co. Sulfuric acid purification. 2,862,791, 12-2-58, Cl. 23—172.
- Stiles, Samuel R., J. Warburton, and J. M. Black, to The M. W. Kellogg Co. Alkylation of hydrocarbons. 2,828,348, 3-25-58, Cl. 260—683.61.
- Stiles, Samuel R., and A. R. Johnson, to The M. W. Kellogg Co. Hydrocarbon conversion process. 2,829,181, 4-1-58, Cl. 260—683.4.
- Stilger, Włodzimierz J. Refrigerator latch mechanism. 2,828,991, 4-1-58, Cl. 292—175.
- Still, Aldrich C. and L. L. Paraffin cleaner for oil wells. 2,853,138, 9-23-58, Cl. 166—174.
- Still, August J. Ventilator. 2,823,599, 2-18-58, Cl. 98—68.
- Still, August J. Flue breather. 2,846,935, 8-12-58, Cl. 98—48.
- Still, Frederick W., and A. Furneaux, to W. M. Still & Sons Ltd. Dispensing apparatus. 2,824,676, 2-25-58, Cl. 222—442.
- Still, Lena L.: *See*—
Still, Aldrich C. and L. L. 2,853,138.
- Still, W. M., and Sons Ltd.: *See*—
Still, Frederick W., and Furneaux. 2,824,676.
- Stillebroer, Cornelis, and J. T. M. Schlamann, to Shell Development Co. Stratified charge internal combustion engine. 2,849,992, 9-2-58, Cl. 123—32.
- Stillman, Walter W.: *See*—
Berndt, Alexander J. 2,831,607.
- Stillwagon, Crawford K. Valve. 2,856,952, 10-21-58, Cl. 137—454.6.
- Stillwagon, George B., Jr., $\frac{1}{2}$ to K. G. Fraser. Pinning construction for universal joint. 2,819,596, 1-14-58, Cl. 64—17.
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- Stilmar, Frederic B., to E. I. du Pont de Nemours and Co. Vulcanization of polyurethane elastomers with diisocyanates. 2,858,296, 10-28-58, Cl. 260—75.
- Stilwell, George R., Jr.: *See*—
Daykin, Donald R., and Stilwell. 2,843,820.
- Stilwell, Glenn E., to Food Machinery and Chemical Corp. Machine for applying metal straps to boxes, crates and cases. 2,818,569, 1-7-58, Cl. 1—10.
- Stilwell, Ralph M. Liquid stirring and dispensing mechanism. 2,828,950, 4-1-58, Cl. 259—122.
- Stimler, Morton. Template for analyzing multichannel oscillograph data. 2,845,712, 8-5-58, Cl. 33—1.
- Stimler, Morton. Ski boot straightener and carrier. 2,851,709, 9-16-58, Cl. 12—120.5.
- Stimmel, Ralph L.: *See*—
Hadfield, Walter, Sr., Heffelfinger, and Stimmel. 2,820,355.
- Stimson, Allen G., and G. H. Wayne, Jr., to General Electric Co. Cosine-corrected light meters. 2,836,098, 5-27-58, Cl. 88—23.
- Stimson, Percy G.: *See*—
Davidson, John T., and Stimson. 2,825,403.
Davidson, John T., and Stimson. 2,827,120.
Davidson, John T., Stimson, and Landgren. 2,832,455.
- Stimson, Percy G., and J. T. Davidson, to The Standard Register Co. Strip feeding device. 2,846,044, 8-5-58, Cl. 197—126.
- Stinchfield, John M., to Radio Corp. of America. Electron discharge devices. 2,832,050, 4-22-58, Cl. 332—5.
- Stine, Charles A. Handling tong for drums. 2,842,390, 7-8-58, Cl. 294—16.
- Stine, Glenn L., to No-Sag Spring Co. Sinuous type of spring and seat formed therewith. 2,831,531, 4-22-48, Cl. 155—179.
- Stine, Harrison M.: *See*—
Hughes, Everett C., and Stine. 2,852,468.
- Stine, Robert E., to The Aro Equipment Corp. Rotary impact wrench. 2,842,994, 7-15-58, Cl. 81—52.3.
- Stineman, Jacob W., Jr., to Philco Corp. Method of sealing. 2,832,132, 4-29-58, Cl. 29—530.
- Stineman, Jacob W., Jr., and S. A. Robinson, to Philco Corp. Contacting arrangement for semiconductor device, and method for the fabrication thereof. 2,825,015, 2-25-58, Cl. 317—236.
- Stineman, Russell W., to Boeing Airplane Co. Control apparatus for synchronizing sources of alternating current. 2,838,685, 6-10-58, Cl. 307—87.
- Stineman, Russell W., and R. D. Siverts, to Boeing Airplane Co. Alternator overload protection. 2,832,896, 4-29-58, Cl. 307—87.
- Stiner, Stewart, C. F. Stephenson, and A. C. Howell, Jr., to Color Carousel Corp. Liquid level alarm system. 2,832,865, 4-29-58, Cl. 200—84.
- Stinson, Donald L., to Phillips Petroleum Co. Process for vertical fracturing. 2,848,052, 8-19-58, Cl. 166—42.
- Stinson, Edwin F. Vehicle landing gear. 2,828,971, 4-1-58, Cl. 280—150.5.
- Stinson, John M.: *See*—
Hignett, Travis P., Stinson, Brown, and Nason. 2,856,279.
- Stinson, William J., to United States of America, Atomic Energy Commission. Fluid selecting apparatus. 2,852,041, 9-16-58, Cl. 137—625.11.
- Stipe, Lester E. Brake attachment for fishing reels. 2,858,636, 11-4-58, Cl. 43—25.
- Stires, Frederick H. Fishing rod holder. 2,852,218, 9-16-58, Cl. 248—39.
- Stirling, John. Slidably adjustable support assembly for canopies, covers, and the like. 2,824,764, 2-25-58, Cl. 296—105.
- Stirm, Edward B.: *See*—
Stirm, Henry G., Smith, and Stirm. 2,844,264.
- Stirm, Henry G., R. W. Smith, and E. B. Stirm, to Ferry Sheet Metal Works, Inc. Apparatus for handling shortening or like material. 2,844,264, 7-22-58, Cl. 214—314.
- Stirnermann, Ernst, and T. E. Lanz, to Lonza Electric and Chemical Works. Electropyrolysis apparatus. 2,862,866, 12-2-58, Cl. 203—325.
- Stirrett, Robert G. Indexing tool post turret. 2,862,408, 12-2-58, Cl. 74—826.
- Stirrup, Frank A. Film negative supporting frame. 2,823,596, 2-18-58, Cl. 95—100.
- Stirton, Alexander J.: *See*—
Bistline, Raymond G., Jr., Port, Stirton, and Weil. 2,844,606.
- Stiteler, Charles H., to United States Rubber Co. Making trans N-carbamylamic esters. 2,860,157, 11-11-58, Cl. 260—482.
- Stitely, Gilmore L.: *See*—
Spitz, Armand N., and Stitely. 2,827,829.
Vaux, George, and Stitely. 2,827,830.
Vaux, George, Stitely, and Smith. 2,827,828.
- Stites, Francis H.: *See*—
Arnold, Charles E., and Stites. 2,832,928.
- Stites, Joseph G., Jr., and D. C. Taylor, to Monsanto Chemical Co. Method of producing substantially white, globular sodium bisulfate. 2,861,868, 11-25-58, Cl. 23—121.
- Stitt, Charles M. Light filter. 2,836,707, 5-27-58, Cl. 240—11.
- Stitt, Elmer R.: *See*—
Sieber, Charles B. 2,841,995.
- Stitt, Lawrence H. Apparatus and method of mounting animal skins. 2,831,271, 4-22-58, Cl. 35—20.
- Stivender, Paul M., to General Motors Corp. Timed actuator mechanism. 2,827,884, 3-25-58, Cl. 123—90.
- Stixrood, Jarvis A.: *See*—
Beaufort, John M., and Stixrood. 2,859,045.
- Stixrud, Frederick T.: *See*—
Murray, George C., and Stixrud. 2,842,787.
- Stoakes, Henry H., and F. L. S. Gunner, to G. Hopkins & Sons Ltd. Gripping devices for handling bottles. 2,829,918, 4-8-58, Cl. 294—99.
- Stoakes, Lawrence M.: *See*—
Verner, Dalton R., and Stoakes. 2,843,816.
- Stobb, Anton R., to Western Printing & Lithographing Co. Collector for flexible sheets. 2,841,394, 7-1-58, Cl. 271—87.
- Stobb, Anton R., to Western Printing & Lithographing Co. Conveyor for flexible sheets. 2,855,996, 10-14-58, Cl. 164—68.
- Stobb, Anton R. Flexible sheet folding machine and method. 2,856,184, 10-14-58, Cl. 270—73.
- Stoacs, Otto R. Tilttable house trailer construction. 2,845,298, 7-29-58, Cl. 296—35.
- Stock, Arthur J. Method of manufacture of gear teeth. 2,843,927, 7-22-58, Cl. 29—545.
- Stock, Arthur J. Dribble return for underbunker conveyor. 2,853,178, 9-23-58, Cl. 198—85.
- Stock, Howard P.: *See*—
Goudy, Paul R., and Stock. 2,822,450.
- Stock, Howard P., to Square D Co. Electromagnetic relay. 2,860,206, 11-11-58, Cl. 200—104.
- Stock, Robert. Reeling device. 2,823,859, 2-18-58, Cl. 235—71.
- Stockbarger, Kenton A., and J. C. Vroman, to Northrop Aircraft, Inc. Pulse jet convertible to ram jet engine. 2,850,872, 9-9-58, Cl. 60—35.6.
- Stockburger, Richard. Ashtrays. 2,821,322, 1-28-58, Cl. 220—20.5.
- Stockdale, Jerry L., and C. L. Meyer, to The Haloid Co. Generator of an aerosol of powder particles. 2,832,511, 4-29-58, Cl. 222—193.
- Stockdale, William D., to Illinois Tool Works. Assembly and fastener therefor. 2,859,469, 11-11-58, Cl. 16—42.
- Stocker, Arthur C., to Radio Corp. of America. Frequency control system. 2,843,739, 7-15-58, Cl. 250—36.
- Stocker, Edward T., to Western Electric Co., Inc. Apparatus for spraying spirally grooved cylindrical articles. 2,864,334, 12-16-58, Cl. 118—321.
- Stocker, Elmer J. Sled. 2,829,902, 4-8-58, Cl. 280—18.
- Stocker, Elmer J. Anchorage clamps for vehicle safety belts. 2,854,248, 9-30-58, Cl. 280—150.

- Stocker, Emil: *See*—
Keller, Ernst, Stocker, and Mindermann 2,858,303.
- Stockey & Schmitz: *See*—
Höhne, Heinrich. 2,842,354.
- Stockfleth, Harry C. Universal end-taper cutter for arrow shafts. 2,850,059, 9-2-58, Cl. 141-30.
- Stockham Valves & Fittings, Inc.: *See*—
Blomstran, Carl A., and Ehrensperger. 2,858,097.
- Stockholm, Raymond J.: *See*—
Strickland, Albert N., and King. 2,860,321.
- Stockholms Superfostat Fabriks Aktiebolag: *See*—
Rydin, Hans F. A. 2,835,051.
- Stockkamp, Karl, to Buderüs'sche Eisenwerke. Process for operating a melting shaft furnace. 2,832,683, 4-29-58, Cl. 75-43.
- Stockman, Paul J. Collapsible tent. 2,828,755, 4-1-58, Cl. 135-1.
- Stockman, William M. Lamp fixture and mounting therefor. 2,851,587, 9-9-58, Cl. 240-52.
- Stockner, Arthur C., to Radio Corp. of America. Radar systems. 2,858,531, 10-28-58, Cl. 343-5.
- Stockwell, Francis A., to Ideal Industries, Inc. Connector with spring insert having a small distended portion at its inner end and method of assembling same. 2,825,750, 3-4-58, Cl. 174-87.
- Stockwell, Glade M., to Collins Radio Co. Shaft positioning control mechanism. 2,848,677, 8-19-58, Cl. 318-467.
- Stockwell, Henry J.: *See*—
Binstead, Hugh C., and Stockwell. 2,837,963.
- Stoddard, Carl K., and P. J. Maddex, to Titanium Metals Corp. of America. Purification of titanium tetrachloride. 2,836,547, 5-27-58, Cl. 202-37.
- Stoddard, Edgar A., Jr.: *See*—
Maslan, Frank and Stoddard. 2,847,446.
Maslan, Frank, and Stoddard. 2,847,449.
- Stoddard, Edgar S., to General Electric Co. Dishwasher apparatus and method. 2,825,665, 3-4-58, Cl. 134-25.
- Stoddard, Edgar S., to General Electric Co. Methods of and apparatus for washing dishes. 2,825,666, 3-4-58, Cl. 134-25.
- Stoddard, Edgar S., to General Electric Co. Apparatus for extracting the ions of electrolytes from liquid solvents. 2,846,387, 8-5-58, Cl. 204-229.
- Stoddard, Howard V., D. M. Baeder, and S. Messeri, to Essex Conveyors, Inc. Safety lifting device. 2,860,729, 11-18-58, Cl. 187-66.
- Stoddard, James J. Cup support. 2,840,292, 6-24-58, Cl. 229-15.
- Stoddard, Nicholas J.: *See*—
Seem, Warren A., Stoddard, Gibson, Miller, and Hilbert. 2,864,229.
- Stoddard, Nicholas J., and W. A. Seem, to Universal Winding Co. Yarn spindle. 2,829,487, 4-8-58, Cl. 57-77.45.
- Stoddard, Nicholas J., and W. A. Seem, to Universal Winding Co. Heating device for use in processing textile yarns. 2,864,931, 12-16-58, Cl. 219-19.
- Stoddard, Orren J., to General Mills, Inc. Audio grip force and disconnect indicator and method. 2,847,663, 8-12-58, Cl. 340-282.
- Stoddard, Stephen D., to United States of America, Atomic Energy Commission. Refractory coating for graphite molds. 2,840,480, 6-24-58, Cl. 106-38.27.
- Stoddard, Stephen D., to United States of America, Atomic Energy Commission. High temperature refractory coating for graphite molds. 2,857,285, 10-21-58, Cl. 106-38.27.
- Stoddard, Hugh F.: *See*—
Chao, Stanley K. S., and Stoddard. 2,861,191.
- Stoddard, Hugh F., and J. B. Williams, to Baird-Atomic, Inc. Radiation detector. 2,855,520, 10-7-58, Cl. 250-71.
- Stodola, Frank H.: *See*—
Lindenfelser, Lloyd A., Benedict, Shotwell, Pridham, Stodola, and Jackson. 2,865,815.
- Stoeck, Georg: *See*—
Gansau, Gerhard, Haack, Heimberger, and Stoeck. 2,838,552.
Haack, Erich, Stoeck, and Voigt. 2,842,567.
- Stoeck, Georg, and H. Voigt, to C. F. Boehringer & Soehne G. m. b. H. Process of preparing 17-methyl-estradiol. 2,857,405, 10-21-58, Cl. 260-397.5.
- Stoeckel, Albert L., to United States Steel Corp. Method and apparatus for grinding nail cutter dies. 2,849,840, 9-2-58, Cl. 51-92.
- Stoeckicht, Wilhelm G. Load and tooth-pressure balancing means for parallel connected epicyclic gear sets. 2,844,052, 7-22-58, Cl. 74-801.
- Stoehr, Jean. Hydraulic coupling. 2,862,353, 12-2-58, Cl. 60-12.
- Stoel, Herbert E., to American Box Board Co. Bottle and like carrier. 2,830,727, 4-15-58, Cl. 220-115.
- Stoelting Brothers Co.: *See*—
Detjen, Edgar W. 2,827,773.
- Stoelting, Carl R., and M. C. Thomson, to Kusel Dairy Equipment Co. Serpentine holding container. 2,838,288, 6-10-58, Cl. 257-255.
- Stoelting, Herman O., to McGraw-Edison Co. System of mercury vapor lighting. 2,825,001, 2-25-58, Cl. 315-122.
- Stoelting, Herman O., and F. V. Cunningham, to McGraw-Edison Co. Circuit interrupting device. 2,860,210, 11-11-58, Cl. 200-115.
- Stoermer, William F.: *See*—
Barr, Le Roy H., and Stoermer. 2,826,150.
- Stoertz, Robert W., to West Virginia Pulp and Paper Co. Operating jig for calorimeter bomb. 2,849,791, 9-2-58, Cl. 29-240.
- Stoesser, Wesley C., and W. M. Gentry, to The Dow Chemical Co. Process for making meta-chlorophenol. 2,835,707, 5-20-58, Cl. 260-623.
- Stoesser, Wesley C., and W. M. Gentry, to The Dow Chemical Co. Process for making 3-halo-4-nitrophenols. 2,850,537, 9-2-58, Cl. 260-622.
- Stoeveken, Bernhard. Scissors. 2,819,523, 1-14-58, Cl. 30-260.
- Stoffel, Paul J.: *See*—
Beaver, David J., and Stoffel. 2,829,146.
Beaver, David J., and Stoffel. 2,841,627.
Beaver, David J., and Stoffel. 2,846,398.
Beaver, David J., and Stoffel. 2,846,399.
Beaver, David J., and Stoffel. 2,846,473.
Beaver, David J., and Stoffel. 2,857,387.
Beaver, David J., and Stoffel. 2,858,328.
Beaver, David J., and Stoffel. 2,865,929.
- Stoffel Seals Corp.: *See*—
Nierhaus, Henry. 2,861,833.
- Stoffer, Lewis J. Method of forming dry compressed compact sponge unit. 2,865,283, 12-23-58, Cl. 100-40.
- Stogsdill, Lee S. Hand scraper. 2,860,411, 11-18-58, Cl. 30-171.
- Stöhr, Christian. Hair curler assembly. 2,865,381, 12-23-58, Cl. 132-40.
- Stohsner, Kurt K., to Stohsner Machine Works. Combination hay and grain mill. 2,862,668, 12-2-58, Cl. 241-138.
- Stohsner Machine Works: *See*—
Stohsner, Kurt K. 2,862,668.
- Stoker, H. L., Co.: *See*—
Douglas, Edwin J. 2,827,256.
- Stokes, Arthur J., and F. W. Reuter, Jr., to The Victoreen Instrument Co. Voltage regulator tube. 2,864,023, 12-9-58, Cl. 313-148.
- Stokes, Charles A.: *See*—
Beattie, Robert D., Michel, and Stokes. 2,843,458.
- Stokes, Edward A., to Vokes Ltd. Filter elements. 2,862,624, 12-2-58, Cl. 210-493.
- Stokes, F. J., Corp.: *See*—
Frank, Raymond G. 2,839,015.
Frank, Raymond G. 2,846,723.
Hall, Victor C. 2,839,252.
Strauss, William. 2,828,507.
Strauss, William. 2,862,240.
Strauss, William. 2,865,050.
- Stokes, Jeffrey R., and F. M. Springer, to Bill Jack Scientific Instrument Co. Damping mechanism. 2,836,070, 5/27-58, Cl. 74-5.5.
- Stokes, John A., to The British Thomson-Houston Co. Ltd. Servosystem controlled contour machining apparatus. 2,837,707, 6-3-58, Cl. 318-39.
- Stokes, John A. Arrangement for computing the total deflection of a stylus. 2,858,071, 10-28-58, Cl. 235-61.
- Stokes, John F., to Petroleum Recovery Engineering Corp. Apparatus for determining the contour and position of obstructions in wells. 2,824,378, 2-25-58, Cl. 33-175.
- Stokes, John J., Jr., to Aluminum Co. of America. Primary cell. 2,838,591, 6-10-58, Cl. 136-100.
- Stokes, Joseph L.: *See*—
Hale, Edward C., and Stokes. 2,825,388.
- Stokes, Joseph L., and G. Attle, to Abitibi Power & Paper Co., Ltd. Apparatus for making wood shavings. 2,840,127, 6-24-58, Cl. 144-172.
- Stokes, Konrad H., and R. C. Whitehead, Jr., to Minneapolis-Honeywell Regulator Co. Controller. 2,823,688, 2-18-58, Cl. 137-79.
- Stokes, Meredith B. Fishing lures. 2,829,462, 4-8-58, Cl. 43-42.48.
- Stokes, Morris A., and R. W. O. Papworth, to Armstrong Siddeley Motors Ltd. Combustion system of the kind comprising an outer air casing containing a flame compartment for use in gas turbine engines and ram jet engines. 2,841,958, 7-8-58, Cl. 60-39.65.
- Stokes, Richard P.: *See*—
Alholm, Wayne I., Ballou, Lynn, Shanklin, and Stokes. 2,846,335.
- Stokes, Roy E., 10% to R. E. Ogden and/or L. E. Ogden. Plastering machine. 2,850,215, 9-2-58, Cl. 222-242.
- Stokes, Warren W.: *See*—
Segelhorst, August L., and Stokes. 2,829,674.
- Stokland, Sigmund. Fertilizer distributor and planter. 2,819,822, 1-14-58, Cl. 222-136.
- Stolbach, Henry J., to National Food Slicing Machine Co., Inc. Food slicer having safety switch. 2,859,785, 11-11-58, Cl. 146-102.
- Stolitzka, Alexander F. Tube-forming ring. 2,837,766, 6-10-58, Cl. 18-17.
- Stoll, Albert. Apparatus for making self-locking nuts having radially deformed thread portions. 2,859,459, 11-11-58, Cl. 10-72.
- Stoll, Arthur, E. Angliker, F. Barfuss, and W. Kussmaul, to Saul & Co., nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Stable solutions of pure cardioactive glycosides. 2,860,086, 11-11-58, Cl. 167-65.
- Stoll, Emil, to J. I. Case Co. Bale tying mechanism. 2,821,906, 2-4-58, Cl. 100-24.
- Stoll, Karl, to Mannesmann Akt. Spring suspension for vehicles. 2,848,251, 8-19-58, Cl. 280-277.

- Stoll, Sherwood F. Workpiece length gage for power saw tables. 2,850,058, 9-2-58, Cl. 143-174.
- Stoll, Willy: *See—*
Litvan, Franz, and Stoll. 2,820,738.
- Stoll, Willy, W. Graf, and E. Schmid, to Geigy Chemical Corp. "p-Substituted benzene sulphonamides." 2,858,318, 10-28-58, Cl. 260-302.
- Stolle, Anthony D.: *See—*
Gallagher, William P., Stolle, and Bielik. 2,824,181.
Gallagher, William P., Stolle, and Bielik. 2,859,511.
Gallagher, William P., Stolle, and Ellis. 2,842,626.
- Stolle, Anthony D., to International Register Co. Time switch mechanism. 2,833,874, 5-6-58, Cl. 200-38.
- Stolle, Anthony D., to International Register Co. Time switch mechanism. 2,839,623, 6-17-58, Cl. 200-33.
- Stolle, Anthony D., to International Register Co. Short interval time switch. 2,839,624, 6-17-58, Cl. 200-38.
- Stolles, Margarete M. J.: *See—*
Pape, Martin H. E., M. M. J. and E. M. E. Stolles. 2,863,636.
- Stoller, Harold A. Carton construction. 2,819,832, 1-14-58, Cl. 229-17.
- Stoller, Ivor. Applicators for surgical bandages. 2,856,921, 10-21-58, Cl. 128-157.
- Stoloff, Leonard S., to Seaplant Chemical Corp. Preparation of flavored milk drinks. 2,834,679, 5-13-58, Cl. 99-54.
- Stoloff, Leonard S., to Seaplant Chemical Corp. Method and compositions for the preparation of carrageenin water gels. 2,864,706, 12-16-58, Cl. 99-131.
- Stolper Steel Products Corp.: *See—*
Kessler, Otto H., Jr., and Sellon. 2,841,410.
Sellon, Raymond N., Jr. 2,840,407.
- Stolte, Richard C., to General Motors Corp. Air compressor. 2,852,184, 9-16-58, Cl. 230-181.
- Stolte, Richard C., to General Motors Corp. Hydraulic timer. 2,861,557, 11-25-58, Cl. 123-90.
- Stollenberg, Donald A. Non-sticking plug valve. 2,864,579, 12-16-58, Cl. 251-309.
- Stollenberg, Raymond. Rake hitch. 2,828,145, 3-25-58, Cl. 280-495.
- Stoltman, Donald D., to General Motors Corp. Carburetor. 2,821,371, 1-28-58, Cl. 261-23.
- Stoltz, Emil M., Jr.: *See—*
Lopker, Edwin B., and Stoltz. 2,839,194.
- Stoltz, Herbert C., to AMP Inc. Crimping apparatus for applying a connector to a conductor. 2,827,941, 3-25-58, Cl. 153-1.
- Stoltz, James A. Package for surgical sutures. 2,824,642, 2-25-58, Cl. 206-63.3.
- Stolze, William J.: *See—*
Strachl, Robert N., and Stolze. 2,851,684.
- Stone, Aidan M., to General Electric Co. Moisture condensing system for clothes drying machines. 2,824,386, 2-25-58, Cl. 34-75.
- Stone, Aidan M., to General Electric Co. Adjustable vibration sensing means for laundry machine. 2,832,208, 4-29-58, Cl. 68-24.
- Stone, Aidan M., to General Electric Co. Spray condenser for clothes dryers and combination washer-dryers. 2,864,175, 12-16-58, Cl. 34-75.
- Stone, Albert E., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,823,285, 2-11-58, Cl. 200-153.
- Stone, Arthur R. Cut-off machine. 2,836,015, 5-27-58, Cl. 51-98.
- Stone, Bobbie D., and F. V. Williams, to Monsanto Chemical Co. Stabilization of unsaturated nitriles. 2,850,522, 9-2-58, Cl. 260-465.9.
- Stone Container Corp.: *See—*
Lauritzen, Herman P. 2,830,749.
Soja, Lawrence M. 2,844,296.
Williams, Alford A. 2,857,088.
- Stone, Eugene E., III, to Stone Mfg. Co. Reinforced shorts. 2,843,852, 7-22-58, Cl. 2-225.
- Stone, Floyd B. Flash welding machine. 2,860,231, 11-11-58, Cl. 219-97.
- Stone, George F.: *See—*
Godshalk, James B., and Stone. 2,829,705.
- Stone, Horace A., to Molins Machine Co., Ltd. Application of portions of material to a travelling surface or surfaces. 2,866,464, 12-30-58, Cl. 131-61.
- Stone, J., & Co. (Dentford) Ltd.: *See—*
Nixon, Leslie R. 2,848,656.
Nixon, Leslie R., and Grant. 2,828,464.
Nixon, Leslie R., and Stamberger. 2,828,395.
- Stone, John, and J. E. Tolan, to Warren Webster & Co. Heating control systems. 2,851,222, 9-9-58, Cl. 237-9.
- Stone, Kenneth F.: *See—*
Schmidt, Fred H., and Stone. 2,850,639.
- Stone, Leslie F., to United States of America, Army. Fibre-board shipping box. 2,835,431, 5-20-58, Cl. 229-38.
- Stone, Luther E., Jr., and A. G. Diseker, Poultry feeder and waterer. 2,856,899, 10-21-58, Cl. 119-51.5.
- Stone Mfg. Co.: *See—*
Stone, Eugene E., III. 2,843,852.
- Stone Mfg. and Supply Co.: *See—*
Baker, Glenn W. 2,821,034.
- Stone, Morris D., to United Engineering and Foundry Co. Indicating device. 2,821,907, 2-4-58, Cl. 100-99.
- Stone, Orison W., to Continental Can Co., Inc. Folding paper-board display carton. 2,818,971, 1-7-58, Cl. 206-45.25.
- Stone, Orison W., to Lessor Corp. Boxboard container. 2,865,555, 12-23-58, Cl. 229-51.
- Stone, Richard H., and R. F. Smith. Hand trucks. 2,862,720, 12-2-58, Cl. 280-33.99.
- Stone, Richard J., to The Marley Co. Water cooling apparatus. 2,858,677, 11-4-58, Cl. 62-171.
- Stone, Robert L. Device for temperature gradient method of sample testing. 2,825,222, 3-4-58, Cl. 73-15.
- Stone, Roy A., and R. F. Anderson, to National Lock Co. Snap-in door latch strike. 2,833,583, 5-6-58, Cl. 292-340.
- Stone, Roy A., and L. K. Ploughman, to National Lock Co. Snap-in catch. 2,847,240, 8-12-58, Cl. 292-70.
- Stone, Spencer A., and G. J. Pierre, to The Deister Concentrator Co., Inc. Material separating device. 2,826,304, 3-11-58, Cl. 209-238.
- Stone, Thomas W., to Controls Co. of America. Bearing structure. 2,856,242, 10-14-58, Cl. 308-132.
- Stone & Webster Engineering Corp.: *See—*
Purseil, Robert T. 2,819,517.
- Stone, William, Jr. Animal cages. 2,857,880, 10-28-58, Cl. 119-17.
- Stone, William R.: *See—*
Corvino, Ralph, Pedersen, and Stone. 2,827,144.
- Stoneback, Donald F.: *See—*
Kaghan, Walter S., and Stoneback. 2,859,481.
- Stone City Machine and Tool Co., Inc.: *See—*
Shields, John T., and Miller. 2,827,196.
- Stonehill, Albert A., to Ethicon, Inc. Depilatory of thioglycollate salt in gel solution with colloidal excess and method of preparing same. 2,823,168, 2-11-58, Cl. 167-89.
- Stonehill Co., The: *See—*
Stonehill, Raymond P. 2,829,243.
- Stonehill, Raymond P., to The Stonehill Co. Lighting fixture of the recessed type. 2,829,243, 4-1-58, Cl. 240-78.
- Stoneman, Earl G., and G. A. Frame, to The International Nickel Co., Inc. Dewatering ore concentrates. 2,864,765, 12-16-58, Cl. 210-43.
- Stoner, Arthur M. Bed clothes holder. 2,826,766, 3-18-58, Cl. 5-320.
- Stoner, Charles W.: *See—*
Anderson, Leland J., and Stoner. 2,865,181.
- Stoner, David D. Parking lift. 2,823,810, 2-18-58, Cl. 214-16.1.
- Stoner, Eugene M.: *See—*
Wilson, Robert K., and Stoner. 2,848,904.
- Stoner, George G., J. L. Azorlosa, and C. P. Albus, to General Aniline & Film Corp. Rubber latex compositions heat-sensitized with polymethoxy acetals. 2,842,606, 7-8-58, Cl. 260-815.
- Stoner, Harry B., E. Parre, and F. A. Walter, to Stoner Mfg. Corp. Closure gates for vending machines. 2,862,643, 12-2-58, Cl. 221-248.
- Stoner Mfg. Corp.: *See—*
Bell, George C. 2,860,817.
Stoner, Harry B., Parre, and Walter. 2,862,643.
Walter, Florian A. 2,829,798.
- Stonerock, Creed I., and E. E. Dooley. Tractor towing hitch. 2,859,050, 11-4-58, Cl. 280-491.
- Stoney, Frederick T.: *See—*
Miller, John W., and Stoney. 2,822,866.
Miller, John W., and Stoney. 2,855,031.
- Stonich, Elwood H.: *See—*
Moore, Edward B., and Stonich. 2,819,730.
Moore, Edward B., and Stonich. 2,839,082.
- Sronich, Elwood H., and E. B. Moore, to Vapor Heating Corp. Radiator inlet valve. 2,844,324, 7-22-58, Cl. 237-73.
- Stonich, Elwood H., and E. B. Moore, to Vapor Heating Corp. Packing gland for valve stem. 2,844,392, 7-22-58, Cl. 286-7.
- Stoothoff, Stanley T., and L. C. Williams, to Miehle-Goss-Dexter, Inc. Sheet separator. 2,850,279, 9-2-58, Cl. 271-26.
- Stop-Fire, Inc.: *See—*
Nurkiewicz, Ignatius. 2,823,076.
- Stop-Motion Devices Corp.: *See—*
Vossen, Edward. 2,862,377.
- Stopp, Robert B.: *See—*
Shanhouse, William M., Daher, and Stopp. 2,864,177.
- Stopp, William E.: *See—*
Cameron, Bruce M. 2,821,979.
- Stopper, Charles A.: *See—*
Rosset, Adolph, and Stopper. 2,824,706.
- Stoppis, Alfred L. Bottom opening bin. 2,837,369, 6-3-58, Cl. 294-69.
- Stoppis, Alfred L. Lift truck stacker. 2,843,280, 7-15-58, Cl. 214-620.
- Stoppis, Alfred L. Bin. 2,843,291, 7-15-58, Cl. 220-97.
- Stora Kopparbergs Bergslags Aktiebolag: *See—*
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Eketorp, Sven G. H., and Backström. 2,862,811.
Kalling, Bo M. S., and Johansson. 2,853,377.
- Storbeck, Werner, to Frankfurter Arzneimittelfabrik G. m. b. H. Procaine-8-chlorotheophyllinate and processes for preparing it. 2,822,365, 2-4-58, Cl. 260-253.
- Storch, Harold A., to Federal Screw Works. Bumper for limiting the movement of a vehicle panel. 2,848,272, 8-19-58, Cl. 296-44.
- Storchheim, Samuel, to United States of America, Atomic Energy Commission. Method of solid state welding. 2,837,818, 6-10-58, Cl. 29-494.
- Storer, William E.: *See—*
Browne, Reginald H., Chandler, and Storer. 2,858,660.
- Storey, Robert H.: *See—*
Tabern, Donalee L., and Storey. 2,857,524.

- Stork, Gilbert: See—
Djerassi, Carl, Stork, Sondheimer, and Rosenkranz. 2,863,862.
- Stork, Gilbert J., to Research Corp. 2-methyl-2-carboxymethylcyclopentanol-3-carboxylic acid lactone and preparation thereof. 2,843,603, 7-15-58, Cl. 260—343.3.
- Storm, John G. Picture frame. 2,824,398, 2-25-58, Cl. 40—155.
- Storm, Walter V.: See—
Jacoby, Harry D. 2,831,737.
- Stormont, Guy N. Metal stacker tooth. 2,826,033, 3-11-58, Cl. 56—400.
- Storr-Best, John L.: See—
Beck, Arthur C., and Storr-Best. 2,840,696.
- Storsberg, Walter: See—
Weilandt, Bernhard, and Storsberg. 2,866,699.
- Story, Erwin D. and R. S. Coil holder for group winding heads. 2,830,624, 4-15-58, Cl. 140—92.2.
- Story, James K., to V. E. Kuster. Well surveying apparatus. 2,843,941, 7-22-58, Cl. 33—205.5.
- Story, James K., to V. E. Kuster. Apparatus for developing a trigonometric function of an angle. 2,852,190, 9-16-58, Cl. 235—61.
- Story, Robert S.: See—
Story, Erwin D. and R. S. 2,830,624.
- Storz, Charles R., to Storz Instrument Co. Adenotone. 2,843,128, 7-15-58, Cl. 128—309.
- Storz Instrument Co.: See—
Storz, Charles R. 2,843,128.
- Storz, Odowin T. Cow womb support. 2,825,330, 3-4-58, Cl. 128—98.
- Stothert & Pitt Ltd.: See—
Kerridge, Norman E. 2,821,079.
Kerridge, Norman E. 2,848,212.
- Stott, Albert M.: See—
Grandy, Andrew J., and Stott. 2,851,916.
- Stott, Albert M. Thruster with damper. 2,857,890, 10-28-58, Cl. 123—24.
- Stott, Albert M., and C. W. Musser, to United States of America, Army. Releasable coupling. 2,837,370, 6-3-58, Cl. 294—83.
- Stott, Albert M., and H. A. Magnus, to United States of America, Army. One stroke thruster with speed reducer. 2,857,889, 10-28-58, Cl. 123—24.
- Stott, Charles B.: See—
Daino, Peter W., and Stott. 2,834,544.
- Stott, Clifford W. Dumping trailer. 2,846,266, 8-5-58, Cl. 298—19.
- Stott, Frank T., $\frac{1}{2}$ to John Holroyd & Co. Ltd. Machines for use in the production of coated tablets and the like. 2,849,965, 9-2-58, Cl. 107—1.
- Stott, Louis L., to The Polymer Corp. Nylon-carbon black composition and article. 2,849,414, 8-26-58, Cl. 260—37.
- Stott, Louis L., to The Polymer Corp. Nylon composition and article. 2,849,415, 8-26-58, Cl. 260—37.
- Stott, Louis L., to The Polymer Corp. Polyamide articles incorporating molybdenum disulphide. 2,855,377, 10-7-58, Cl. 260—37.
- Stott, Louis L., and L. R. B. Hervey, to The Polymer Corp. Shaped polyamide articles. 2,852,485, 9-16-58, Cl. 260—37.
- Stotz, A., A.-G. Eisengleiseri und Maschinenfabrik: See—
Knipp, Erwin, and Jellinhaus. 2,826,794.
- Stoudt, Theodore L.: See—
Chundelak, Louis W., Jr., and Stoudt. 2,837,015.
- Stough, Donald M., to Hagan Chemicals & Controls, Inc. Apparatus for computing output pressures based on one or more input pressures. 2,841,162, 7-1-58, Cl. 137—85.
- Stoughton, Perry O., $\frac{1}{2}$ to S. E. Treyner. Cement applying machine. 2,835,482, 5-20-58, Cl. 259—151.
- Stoughton, Raymond W.: See—
Seaborg, Glenn T., Gofman, and Stoughton. 2,831,750.
Seaborg, Glenn T., Gofman, and Stoughton. 2,861,866.
- Stoughton, Raymond W., to United States of America, Atomic Energy Commission. Adsorption procedure in preparing U²³³. 2,856,262, 10-14-58, Cl. 23—14.5.
- Stoughton, Raymond W., and F. L. Steahly, to United States of America, Atomic Energy Commission. Separation of uranyl nitrate by extraction. 2,849,283, 8-26-58, Cl. 23—14.5.
- Stoughton, Raymond W., and R. B. Duffield, to United States of America, Atomic Energy Commission. Iodate method for purifying plutonium. 2,856,261, 10-14-58, Cl. 23—14.5.
- Stout, Alden. Spreader attachment for mower. 2,847,224, 8-12-58, Cl. 275—8.
- Stout, Caleb M.: See—
Henderson, John K., Rosene, and Stout. 2,823,753.
- Stout, Eldon C.: See—
Montagna, Amelio E., and Stout. 2,853,510.
- Stout, George C., to Bendix Aviation Corp. Shimmy arrester for casting wheel. 2,866,609, 12-30-58, Cl. 244—50.
- Stout, Vincent H. Wheel balancing hub cap. 2,853,344, 9-23-58, Cl. 301—5.
- Stouten, Leonard D. Mail box flag. 2,852,185, 9-16-58, Cl. 232—35.
- Stovall, William H., deceased; Savings Bank and Trust Co., administrator. Through-wall flashing. 2,824,528, 2-25-58, Cl. 108—26.
- Stover, Ancil C., to The Eisenhauer Mfg. Co. By-pass arrangement for vehicle suspension. 2,862,724, 12-2-58, Cl. 280—124.
- Stover, Ancil C., to W. A. Eisenhauer, W. P. Ellwood, I. J. Eisenhauer, and L. E. Eisenhauer, d. b. a. The Eisenhauer Mfg. Co. Suspension system for road vehicles. 2,823,926, 2-18-58, Cl. 280—104.5.
- Stover, Frederick D. Sr. Pipe wrench with cooperating slideable jaw and flexible pipe holding means. 2,834,238, 5-13-58, Cl. 81—64.
- Stover, Gerald A., and E. F. Walts, to Sylvania Electric Products Inc. Article handling mechanisms. 2,833,434, 5-6-58, Cl. 214—313.
- Stover, Harris A., to Collins Radio Co. Error correction device. 2,845,808, 8-5-58, Cl. 74—394.
- Stover, Harry E., to Anchor Hocking Glass Corp. Sealing machine. 2,859,858, 11-11-58, Cl. 198—34.
- Stover, Harry E., to Anchor Hocking Glass Corp. Device for feeding closure caps. 2,863,588, 12-9-58, Cl. 221—212.
- Stover, William A.: See—
Lechthaler, Charles H., and Stover. 2,843,552.
- Stow, Clarence E., to Walter B. Bowers Co., Inc. Key ejector case. 2,851,872, 9-16-58, Cl. 70—456.
- Stowe, Cody E. Air filtering apparatus. 2,826,263, 3-11-58, Cl. 183—14.
- Stowe, Glenn E. Air velocity actuated electrical switch. 2,841,667, 7-1-58, Cl. 200—81.9.
- Stoycos, George S.: See—
Novak, Leo J., and Stoycos. 2,841,578.
- Stoyer, Clifford E., to Chicago Bridge & Iron Co. Wear plate for floating roof tank. 2,846,110, 8-5-58, Cl. 220—26.
- Stoyke, Ludwig T., and E. Bahniuk, to Lear, Inc. Liquid dispensing nozzle and adapted therefor. 2,843,162, 7-15-58, Cl. 141—346.
- Stojnich, Peter N., to General Electric Co. Food waste disposer. 2,843,328, 7-15-58, Cl. 241—46.
- Straatveit, Nils N. Rotary machine. Re. 24,500, 7-8-58, Cl. 103—131.
- Strachan, Harry G. Wire tab dispenser. 2,831,277, 4-22-58, Cl. 40—2.
- Strachan, Richard W., to Metals & Controls Corp. Motor starting relay. 2,826,727, 3-11-58, Cl. 318—221.
- Strachey, Christopher, and D. B. Gillies, to National Research Development Corp. Electronic digital computing engines. 2,846,142, 8-5-58, Cl. 235—61.
- Stracken, Josef, to G. J. Witt. Impact absorbing means for conveyor belt supporting rollers. 2,828,640, 4-1-58, Cl. 74—230.7.
- Stradar, George F., to Fairchild Camera and Instrument Corp. Image-engraving plate and process of producing the same. 2,827,726, 3-25-58, Cl. 41—21.
- Stradley, Charles R. Automatic alarm system. 2,847,507, 8-12-58, Cl. 179—5.
- Straehl, Robert N., and W. J. Stolze, to General Dynamics Corp. Resolver for direction finders. 2,851,684, 9-9-58, Cl. 343—113.
- Strahman, Dietrick, H., Jr., and H., to Strahman Valves, Inc. Hosing apparatus. 2,842,399, 7-8-58, Cl. 299—83.
- Strahman, Henry: See—
Strahman, Dietrick, Herman Jr., and Henry. 2,842,399.
- Strahman, Herman, Jr.: See—
Strahman, Dietrick, H., Jr., and H. 2,842,399.
- Strahman Valves, Inc.: See—
Strahman, Dietrick, H., Jr., and H. 2,842,399.
- Strahs, Charles L., to Church of Religious Science. Sink mounting. 2,864,099, 12-16-58, Cl. 4—187.
- Straight Engineering Co.: See—
Straight, Halver R., and Bristol. 2,834,486.
- Straight, Halver R., deceased, and C. J. Bristol; Valley Bank and Trust Co., executor, to Straight Engineering Co. Car clamp and mechanism for operating the same. 2,834,486, 5-13-58, Cl. 214—55.
- Strain, Franklin: See—
Neubauer, Joseph A., Strain, Kung, and Dehn. 2,858,260.
- Strain, Frederick L.: See—
Simpson, Warren O., and Strain. 2,859,854.
- Straits, Ernest J., to Acme Steel Co. Table with pivotal folding leg. 2,837,392, 6-3-58, Cl. 311—77.
- Straley, James M., to Eastman Kodak Co. Azo dyes as filters in color photography. 2,860,979, 11-18-58, Cl. 96—84.
- Straley, James M., and J. Sagal, Jr., to Eastman Kodak Co. Benzothiazole azo cyclohexanedione-1,3 compounds. 2,822,359, 2-4-58, Cl. 260—146.
- Straley, James M., and J. Sagal, Jr., to Eastman Kodak Co. Benzothiazole azo pyrazolone compounds. 2,832,761, 4-29-58, Cl. 260—147.
- Straley, James M., and J. G. Fisher, to Eastman Kodak Co. Metallized thiazoleazohydroxyamine compounds. 2,835,661, 5-20-58, Cl. 260—146.
- Straley, James M., and D. J. Wallace, to Eastman Kodak Co. Metallized azo dyes prepared by coupling amino-phenols to diphenylamines. 2,843,580, 7-15-58, Cl. 260—149.
- Straley, James M., and J. G. Fisher, to Eastman Kodak Co. Benzothiazole azo diphenylamine compounds. 2,857,371, 10-21-58, Cl. 260—146.
- Straley, James M., and R. R. Giles, to Eastman Kodak Co. Benzothiazole azo isonicotinic acid compounds. 2,857,372, 10-21-58, Cl. 260—146.
- Straley, James M., and J. G. Fisher, to Eastman Kodak Co. Benzothiazole azo compounds containing a reactive methylene coupling component. 2,857,373, 10-21-58, Cl. 260—146.
- Straley, James M., and J. G. Fisher, to Eastman Kodak Co. Benzothiazole azo phenol compounds and materials dyed therewith. 2,865,909, 12-23-58, Cl. 260—146.

- Stram, Oscar B.: *See*—
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Epstein, Herman, and Stram, 2,846,666.
- Stramowski, Edmund J., to McGraw-Edison Co. Selective reclosing time mechanism for repeating circuit interrupters. 2,852,638, 9-16-58, Cl. 200—89.
- Stramowski, Edmund J., to McGraw-Edison Co. Repeating circuit interrupters. 2,860,205, 11-11-58, Cl. 200—89.
- Strand, Clifford A., to The International Paper Box Machine Co. Apparatus for making glued corrugated cartons. 2,865,263, 12-23-58, Cl. 93—51.
- Strand, Karl I., and V. E. Minkler. Broom or mop frame. 2,846,707, 8-12-58, Cl. 15—147.
- Strandberg, Albin K., to Alco Products, Inc. Spring group. 2,821,380, 1-28-58, Cl. 267—2.
- Strandberg, Charles F. Random information counting apparatus. 2,831,635, 4-22-58, Cl. 235—92.
- Strandberg, Karl G.: *See*—
Lindahl, Harry A., and Strandberg, 2,858,019.
- Strandine, Eldon J., F. G. Connick, and C. T. Oldenburg, to Swift & Co. Dehairing apparatus and method. 2,834,994, 5-20-58, Cl. 19—2.
- Strandine, Eldon J., and F. G. Connick, to Swift & Co. Dehairing apparatus and method. 2,841,829, 7-8-58, Cl. 19—2.
- Straney, Kenneth O.: *See*—
Woodcock, Charles A., and Straney, 2,842,666.
- Strang, Alvin E. Controlled power driven reel. 2,858,085, 10-28-58, Cl. 242—54.
- Strang, Charles D., to Kiekhaefer Corp. Rotary valve timing mechanism. 2,839,036, 6-17-58, Cl. 123—73.
- Strang, Charles D., to Kiekhaefer Corp. Engine starting mechanism. 2,847,985, 8-19-58, Cl. 123—179.
- Strange, John, to Tinnerman Products Inc. Fastening assembly and clip. 2,823,053, 2-11-58, Cl. 287—53.
- Strange, John P.: *See*—
Hollobaugh, Robert C., and Strange, 2,853,873.
Michael, Paul L., Borsh, and Strange, 2,824,558.
- Strange, John P., to Mine Safety Appliances Co. Oxygen indicating apparatus. 2,823,985, 2-18-58, Cl. 23—254.
- Strange, John W., and J. S. Lockyer, to Thorn Electrical Industries Ltd. Brightness controls for electric lamps. 2,848,654, 8-19-58, Cl. 315—317.
- Strange, John W., D. T. Waigh, and W. R. Bloxside, to Thorn Electrical Industries Ltd. Electric lamp circuit. 2,866,133, 12-23-58, Cl. 315—95.
- Strano, Salvatore: *See*—
Cornwell, Alexander M., Jr., Jackes, and Strano, 2,838,334.
- Strapavac Corp.: *See*—
Buda, Salvatore, 2,863,524.
- Strasburger, Lawrence W., to Blue Channel Corp. Method of recovering the meats of bivalves. 2,824,005, 2-18-58, Cl. 99—111.
- Strasburger, Lawrence W., and V. W. Blereau, to Blue Channel Corp. Method of recovering the meats of bivalves. 2,824,006, 2-18-58, Cl. 99—111.
- Strasel, Raymond K.: *See*—
Hanson, Edward S., Jr., and Strasel, 2,847,813.
- Strasenburgh, R. J., Co.: *See*—
Gustus, Edwin L., 2,841,526.
Michelson, Leonard, 2,864,824.
- Strashun, Sumner I.: *See*—
Dorsey, William R., and Strashun, 2,825,653.
- Strashun, Sumner I., and W. F. Talburt, to United States of America, Agriculture. Full-flavored dehydrated food products. 2,854,343, 9-30-58, Cl. 99—206.
- Strassburg, Roger W., to The B. F. Goodrich Co. Compositions and methods for making the same. 2,865,778, 12-23-58, Cl. 106—288.
- Strassburg, Roger W., to The B. F. Goodrich Co. Method for preparing compounds comprising silicon and oxygen. 2,865,782, 12-23-58, Cl. 106—308.
- Strassburg, Roger W., to The B. F. Goodrich Co. Elastomeric compositions having silica-containing reinforcing pigment. 2,865,882, 12-23-58, Cl. 260—415.
- Strasser, Dale M.: *See*—
Carkeek, Charles R., and Strasser, 2,838,388.
- Strasser, Hans. Machines for trimming ceramic appendages. 2,827,681, 3-25-58, Cl. 25—104.
- Strassner, Robert M.: *See*—
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- Strassner, Robert M., and E. G. Shover, to Consolidated Electrodynamics Corp. Gate using variable cathode follower impedance for shorting or passing cathode-fed impulses. 2,854,572, 9-30-58, Cl. 250—27.
- Stratabar Process Co.: *See*—
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- Strategic-Udy Metallurgical & Chemical Processes Ltd.: *See*—
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Udy, Marvin J., 2,830,889.
Udy, Marvin J., 2,830,890.
Udy, Marvin J., 2,830,891.
Udy, Marvin J., 2,830,892.
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- Strater, Kurt: *See*—
Boam, Willard M., Friedman, Paige, Souzis, and Strater, 2,834,101.
- Stratford Engineering Corp.: *See*—
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Wilson, Joseph R., 2,834,977.
- Stratford, Herbert W. Mixing vessel. 2,840,355, 6-24-58, Cl. 259—8.
- Stratford, William M., to The Texas Co. Production of ammonia synthesis feed gas. 2,838,460, 6-10-58, Cl. 252—376.
- Stratienko, Andrew, and H. D. McCullough, to Philadelphia Gear Works, Inc. Seal-bearing agitator drives. 2,830,801, 4-15-58, Cl. 259—122.
- Stratman, William C., to North American Aviation, Inc. Depth control stop for air feed drills. 2,854,871, 10-7-58, Cl. 77—345.
- Stratman, William C., to North American Aviation, Inc. Dimpling apparatus having a resiliently supported ram. 2,864,427, 12-16-58, Cl. 153—21.
- Stratoflex, Inc.: *See*—
Billingsley, Samuel R., 2,850,302.
- Stratton, Charles A., to Phillips Petroleum Co. Organophillic bentonite bodied lubricant containing a nitroparaffin. 2,833,720, 5-6-58, Cl. 252—49.7.
- Stratton, Edgar H., to Adamson United Co. Press. 2,820,250, 1-21-58, Cl. 18—16.
- Stratton, Edward Bowman, Jr., to National Tool Co. Package for crushable articles and a method and apparatus for producing the same. 2,861,404, 11-25-58, Cl. 53—22.
- Stratton, Frank E., to United Shoe Machinery Corp. Fastening inserting mechanisms. 2,831,191, 4-22-58, Cl. 1—18.1.
- Stratton, Frank E. to United Shoe Machinery Corp. Shoe upper shaping machines. 2,844,831, 7-29-58, Cl. 12—12.1.
- Stratton, Frank E., and F. T. MacKenzie, to United Shoe Machinery Corp. Cutting presses. 2,818,922, 1-7-58, Cl. 164—23.
- Stratton, Jerry L., to General Electric Co. Voltage reference level variance indicator. 2,856,584, 10-14-58, Cl. 324—117.
- Stratton, Jerry L., to General Electric Co. Mechanical-electrical transducers. 2,866,953, 12-30-58, Cl. 336—110.
- Stratton, Roland L.: *See*—
Gasdorf, Gus, Stratton, and Culp, 2,838,839.
- Straub, Frederick A., to Aetna Steel Products Corp. Method of making high load capacity bearings. 2,857,656, 10-28-58, Cl. 29—149.5.
- Straub, Hermann W., and H. Nussbaumer, to I-T-E Circuit Breaker Co. Combination solenoid clutch. 2,851,138, 9-9-58, Cl. 192—84.
- Straub, Karl, and W. Walther, to Robert Bosch, G. m. b. H. Interruptor arrangement for a distributor of an internal combustion engine. 2,830,141, 4-8-58, Cl. 200—31.
- Straub, Otto: *See*—
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- Straub, Watson A. Bottle cap remover of wall-type. 2,830,477, 4-15-58, Cl. 81—3.3.
- Straube, Harold M., to Bell Telephone Laboratories, Inc. Code conversion. 2,854,657, 9-30-58, Cl. 340—347.
- Straube, Harold M., to Bell Telephone Laboratories, Inc. Transistor detector. 2,864,002, 12-9-58, Cl. 250—31.
- Straughn, John L.: *See*—
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- Straumann, Reinhard. Manufacture of watch springs utilizing wire converted into strip. 2,859,149, 11-4-58, Cl. 148—12.3.
- Strauss, Gus, and D. H. Revell, to Reynolds Metals Co. Splice for structural beams and the like. 2,829,743, 4-8-58, Cl. 189—36.
- Strauss, Herbert E., to Radio Corp. of America. Transmitter interlock circuit. 2,840,693, 6-24-58, Cl. 250—13.
- Strauss, Herbert E., and D. T. Rockwell, to Radio Corp. of America. Coaxial transmission line connecting or termination device. 2,836,647, 5-27-58, Cl. 174—75.
- Strauss, Herman H., to Crown Zellerbach Corp. Carrier for articles. 2,850,223, 9-2-58, Cl. 229—27.
- Strauss, Howard J., to The Electric Storage Battery Co. Storage battery. 2,862,986, 12-2-58, Cl. 136—34.
- Strauss, Howard J., to The Electric Storage Battery Co. Alkaline cells and methods of storing them. 2,862,989, 12-2-58, Cl. 136—161.
- Strauss, Jerome, to Vanadium Corp. of America. Addition agent for and method of treating steel. 2,819,956, 1-14-58, Cl. 75—57.
- Strauss, Jerome, to Vanadium Corp. of America. Method of purifying silicon and ferrosilicon. 2,866,701, 12-30-58, Cl. 75—60.
- Strauss, Ray C. Brake and motor control. 2,831,555, 4-22-58, Cl. 192—3.
- Strauss, Robert G., to Plax Corp. Plastic blow molding apparatus. 2,864,124, 12-16-58, Cl. 18—5.
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- Strauss, Wennemar: *See*—
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- Strauss, Wennemar, A. Kirstahler, and W. Willmund, to Dehydag, Deutsche Hydrierwerke G. m. b. H. Process for the production of metal electrodeposits. 2,842,488, 7-8-58, Cl. 204—52.
- Strauss, William, to F. J. Stokes Corp. Injection molding press having valved gate. 2,828,507, 4-1-58, Cl. 18—30.

- Strauss, William, to F. J. Stokes Corp. Stuffing mechanism for injection molding press. 2,862,240, 12-2-58, Cl. 18—30.
- Strauss, William, to F. J. Stokes Corp. Valved gate for an injection molding press. 2,865,050, 12-23-58, Cl. 18—30.
- Strauss, William A., Jr., $\frac{1}{2}$ to C. C. Chapple. Fluid conduit and flow control apparatus. 2,836,180, 5-27-58, Cl. 128—215.
- Strausser, Arlan E. Wedge shaped rule. 2,846,772, 8-12-58, Cl. 33—174.
- Straw, Clayton, to H. R. Davis, Jr. Machines for making paper boxes. 2,826,127, 3-11-58, Cl. 93—51.
- Strawhorn, Gordon C., and E. R. Johnson. Halters. 2,854,800, 10-7-58, Cl. 54—6.
- Strawsline, Fern A., to Strawsline Mfg. Co. Chimney construction. 2,841,071, 7-1-58, Cl. 98—46.
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- Strazdins, Edward: See—
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- Gorham, John F., Strazdins, Hopkins, and Senese. 2,832,693.
- Strazdins, Edward, to American Cyanamid Co. Non-dusting modified rosin dry size. 2,846,328, 8-5-58, Cl. 106—218.
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- Streb, Joseph C., and G. B. Bole, to The Union Metal Mfg. Co. Tiering pallet construction. 2,844,344, 7-22-58, Cl. 248—120.
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- Strecker, Harold A., and J. L. Callahan, to The Standard Oil Co. Preparation of microsphere chromia-alumina catalyst. 2,819,229, 1-7-58, Cl. 252—448.
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- Streich, William, and F. H., and F. McBain. Rotary straw deck and sieveless chaffer. 2,825,455, 3-4-58, Cl. 209—32.
- Streicher, Michael A., to E. I. du Pont de Nemours and Co. Corrosion resistant alloy. 2,839,392, 6-17-58, Cl. 75—128.
- Streicher, Michael A., to E. I. du Pont de Nemours and Co. Method of inhibiting the corrosiveness of aqueous solutions of sodium bisulfate towards stainless steels. 2,853,364, 9-23-58, Cl. 23—121.
- Strelakos, George P. Means for controlling infant's hands while being fed. 2,828,738, 4-1-58, Cl. 128—134.
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- Stremke, William F. and W. F., Jr., and R. R. Pazderski. Wrapping method and apparatus. 2,840,962, 7-1-58, Cl. 53—31.
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- Strickland, Albert N., and B. B. King, to R. J. Stockholm. Tire alarm. 2,860,321, 11-11-58, Cl. 340—58.
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- Strickland, Edward T.: See—
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- Stricklen, Clifford C. Lug locking device for dual wheels. 2,857,205, 10-21-58, Cl. 301—9.
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- Strimel, Robert S., to Tinius Olsen Testing Machine Co. Instrumentation for the strain testing of rubber or the like. 2,833,045, 5-6-58, Cl. 33—147.
- Strine, Eli R., to Side-O-Matic Unloader Corp. Bag closing mechanism. 2,848,961, 8-26-58, Cl. 112—11.
- Strine, Philip C., to International Paper Co. Reinforced corrugated paperboard container and joint therefor. 2,863,597, 12-9-58, Cl. 229—47.
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- Stringfellow, Allen E., to I-T-E Circuit Breaker Co. Ceramic arcing plate material. 2,864,919, 12-16-58, Cl. 200—144.
- Stringfellow, Benjamin M., to Southern Saw Service, Inc. Band saw blade for use with power driven band saws for cutting meat. 2,864,411, 12-16-58, Cl. 143—22.
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- Strobel, Albert F., to General Aniline & Film Corp. Process of preparing 4-nitro-2-stilbene sulfonic acid salts. 2,821,550, 1-28-58, Cl. 260—505.
- Strobel, Albert F., and W. W. Williams, to General Aniline & Film Corp. Monoacid salts of aralkyl polyamines and metallized monoazo dyestuffs. 2,826,573, 3-11-58, Cl. 260—147.
- Strobel, Albert F., and W. W. Williams, to General Aniline & Film Corp. Metalliferous azo dyestuff. 2,829,139, 4-1-58, Cl. 260—147.
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- Strobel, Albert F., and W. W. Williams, to General Aniline & Film Corp. Pyrazolone dyestuffs. 2,842,537, 7-8-58, Cl. 260-163.
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- Strobel, Charles K., to Robertshaw-Fulton Controls Co. Clothes drying apparatus. 2,859,025, 11-4-58, Cl. 263-33.
- Stroben, George H. Concrete form for bridge fascia. 2,855,654, 10-14-58, Cl. 25-131.5.
- Strocco, Gene. Motorized cabinet structure. 2,863,413, 12-9-52, Cl. 112-260.
- Strock, Richard R., and E. R. Dayton, to Sperry Rand Corp. Aircraft navigation instrument. 2,821,695, 1-28-58, Cl. 340-27.
- Strode, Frank A. Punch-top container cap. 2,851,184, 9-9-58, Cl. 215-46.
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- Stroh, Rudolf, and W. Hahn, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of N-alkylated aromatic amines. 2,831,894, 4-22-58, Cl. 260-577.
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- Strohl, Harrison A., Sr., to Menzies Engineering Co. Recovery of coal. 2,823,801, 2-18-58, Cl. 209-159.
- Strohmeier, Harald, to Gebr. Bohler & Co. Aktiengesellschaft. Welding process. 2,824,951, 2-25-58, Cl. 219-137.
- Strohmeier, Harald, and W. Mader, to Gebr. Bohler & Co., Akt. Welding-rod. 2,848,596, 8-19-58, Cl. 219-146.
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- Strojny, Edwin J., and W. M. Hoehn, to G. D. Searle & Co. Process for oxidation of steroids with peroxytrifluoroacetic acid. 2,844,603, 7-22-58, Cl. 260-397.5.
- Strologo, Riccardo, to Chicago Musical Instrument Co. Indicia means for accordions. 2,849,818, 9-2-58, Cl. 40-140.
- Strom, Albert P., to Westinghouse Electric Corp. Circuit interrupters. 2,824,937, 2-25-58, Cl. 200-148.
- Strom, Charles F., to Griffin Wheel Co. Permanent mold with sand dome. 2,838,816, 6-17-58, Cl. 22-123.
- Strom, Charles F., to Griffin Wheel Co. Vacuum seal for pressure pouring apparatus. 2,852,822, 9-23-58, Cl. 22-69.
- Strom, George E. and H. D. Wintle, Jr. Gauge. 2,841,284, 7-1-58, Cl. 209-82.
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- Stromberg-Carlson Tool & Die Co.: *See—*
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- Stromberg, Verner L., to Petrolite Corp. Stabilization of organic materials. 2,854,322, 9-30-58, Cl. 44-63.
- Strong, Allen K., to American Cyanamid Co. Retort system and pressure feeder therefor. 2,823,026, 3-25-58, Cl. 214-17.
- Strong, Bernard, to E. Shipton & Co. Ltd. Plastic extrusion machine. 2,854,691, 10-7-58, Cl. 18-5.
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- Strong, James S. Foamable resinous composition containing tertiary alkyl ammonium nitrite and process of foaming same. 2,821,513, 1-28-58, Cl. 260-2.5.
- Strong, Paul. Coupling device. 2,852,297, 9-16-58, Cl. 292-333.
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- Stroop, John H., to Chas. Pfizer & Co., Inc. Hypodermic syringe. 2,859,751, 11-11-58, Cl. 128-218.
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- Stroud, Ralph E. Concrete form structure for use in construction of concrete floors and the like. 2,854,726, 10-7-58, Cl. 25-31.5.
- Stroukoff, Michael. Boundary layer control. 2,841,344, 7-1-58, Cl. 244-42.
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- Stroup, Clarence W. Portable restraining device for cattle. 2,861,546, 11-25-58, Cl. 119-98.
- Stroup, Earl L., to Overhead Door Corp. Upwardly acting door. 2,827,114, 3-18-58, Cl. 160-209.
- Stroup, Earl L., to Overhead Door Corp. Upwardly acting door assembly and sections therefor. 2,827,115, 3-18-58, Cl. 160-229.
- Stroup, Earl L., to Overhead Door Corp. Upwardly acting door assemblies provided with weather seals. 2,837,151, 6-3-58, Cl. 160-40.
- Stroup, Earl L., to Overhead Door Corporation. Weather seals for slidable closure assemblies. 2,862,256, 12-2-58, Cl. 20-19.
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- Stroup, Philip T.: *See—*
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- Stroup, Robert C., to Union Carbide Corp. Conductive pad for electrode joint. 2,836,806, 5-27-58, Cl. 339-263.
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- Strumbos, William. Fuel injection means for internal combustion engines. 2,827,030, 3-18-58, Cl. 123-139.
- Strumbos, William P. Torsion spring. 2,838,301, 6-10-58, Cl. 267-57.1.
- Strumia, Max M., to United States of America, Federal Security Agency. Apparatus for the collection and cooling of blood. 2,845,929, 8-5-58, Cl. 128-276.
- Strunk, Justin R. Tire change and tube indicator device. 2,856,888, 10-21-58, Cl. 116-133.
- Strunk, Leonard M. Chain saw construction. 2,827,932, 3-25-58, Cl. 143-32.
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- Struve, William S., to E. I. du Pont de Nemours and Co. Process for the preparation of linear quinacridones. 2,821,529, 1-28-58, Cl. 260-279.
- Struve, William S., to E. I. du Pont de Nemours and Co. Tetrahalogen substituted quinacridones. 2,821,530, 1-28-58, Cl. 260-279.
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- Struve, William S., to E. I. du Pont de Nemours and Co. Organic pigment. 2,830,990, 4-15-58, Cl. 260-279.
- Struve, William S., to E. I. du Pont de Nemours and Co. Pigment composition. 2,843,498, 7-15-58, Cl. 106-288.

- Struve, William S., to E. I. du Pont de Nemours and Co. Organic pigments. 2,844,485, 7-22-58, Cl. 106-288.
- Stryker, Harvey I., A. H. Williamson, and P. F. Gross, to E. I. du Pont de Nemours & Co. Treatment of polychloro copper phthalocyanine. 2,833,782, 5-6-58, Cl. 260-314.5.
- Stryker, Homer H., to Orthopedic Frame Co. Splint. 2,834,341, 5-13-58, Cl. 128-87.
- Stuard, Truman W. Hanger accessory. 2,835,422, 5-20-58, Cl. 223-92.
- Stuart, Archibald P.: See—
- Reif, Henry E., and Stuart. 2,848,483.
- Schneider, Abraham, and Stuart. 2,846,372.
- Stuart, Archibald P., to Sun Oil Co. Motor fuel. 2,853,373, 9-23-58, Cl. 44-62.
- Stuart, Charles E. Axis-orbital plane recorder. 2,818,646, 1-7-58, Cl. 32-20.
- Stuart, Clarence C., to Traffic Transport Engineering, Inc. Skid for loading vehicle transports. 2,836,277, 5-27-58, Cl. 193-41.
- Stuart, Clarence C., to Traffic Transport Engineering, Inc. Motor car carrier with self-adjusting track. 2,841,436, 7-1-58, Cl. 296-1.
- Stuart, Clifton F., to Clifton-Grant Development Corp. Packing. 2,833,095, 5-6-58, Cl. 53-35.
- Stuart, Clifton F., to The Clifton-Grant Development Corp. Apparatus for depositing articles into receptacles. 2,834,169, 5-13-58, Cl. 53-246.
- Stuart, Harry A. Dual brake applicator. 2,834,434, 5-13-58, Cl. 188-3.
- Stuart, Joseph, II, to Hercules Powder Co. Centrifugal separator. 2,840,803, 6-24-58, Cl. 233-28.
- Stuart-Webb, Isobel A.: See—
- Kirk, David N., Petrow, Stuart-Webb, and Patel. 2,823,213.
- Stuart, Whitney A., and L. G. Huxtable, to United States of America, Army. Hinged helmet. 2,861,272, 11-25-58, Cl. 2-6.
- Stuart, Whitney A., and L. G. Huxtable, to United States of America, Army. Helmet with retractable annular shield. 2,861,273, 11-25-58, Cl. 2-6.
- Stuart, Whitney A., and L. G. Huxtable, to United States of America, Army. Three piece helmet. 2,861,274, 11-25-58, Cl. 2-6.
- Stuart-Williams, Raymond, to Radio Corp. of America. Memory system. 2,819,456, 1-7-58, Cl. 340-174.
- Stuart-Williams, Raymond, W. M. Modlinski, and A. W. Lo, to Radio Corp. of America. Testing system for magnetic materials. 2,841,763, 7-1-58, Cl. 324-40.
- Stuart-Williams, Raymond, M. Rosenberg, and M. A. Alexander, to Telemeter Magnetics and Electronics Corp. Magnetic core memory system. 2,862,198, 11-25-58, Cl. 340-174.
- Stübbe, Friedrich K. H.: See—
- Hörth, Robert. 2,818,962.
- Hörth, Robert. 2,818,965.
- Hörth, Robert, and Stübbe. 2,836,283.
- Stubberfield, Reuben A.: See—
- Clark, Earl D., and Stubberfield. 2,856,662.
- Stubblefield, Edward M., to Arkia Air Conditioning Corp. Heat operated apparatus. 2,834,360, 5-13-58, Cl. 137-72.
- Stubblefield, James L. Coupon inserting machine. 2,821,826, 2-4-58, Cl. 53-120.
- Stubbs, George: See—
- Heuboski, Walter J. 2,841,146.
- Stubbs, George. Artificial insemination and cervical medication means. 2,855,932, 10-14-58, Cl. 128-260.
- Stubbs, Harry E., and H. H. Canfield, to The De Vilbiss Co. Particle analyzing apparatus. 2,825,872, 3-4-58, Cl. 324-71.
- Stubbs, Walter: See—
- Frizzell, John S., and Stubbs. 2,846,569.
- Stuchbery, Arthur L., to The Metal Box Co. Ltd. Means for adjusting the spacing of shafts, rolls or the like. 2,858,796, 11-4-58, Cl. 118-262.
- Stuckho, Joseph J. Belt buckle. 2,854,721, 10-7-58, Cl. 24-181.
- Stuck, Albert T.: See—
- Stuck, Matthew A. 2,829,940.
- Stuck, Harold D., to Process Evaluation and Development Corporation. Production of pith free paper pulp from bagasse. 2,839,398, 6-17-58, Cl. 92-9.
- Stuck, Matthew A., 25% to A. T. Stuck. Horizontal opening desk. 2,829,940, 4-8-58, Cl. 312-325.
- Stucke, John. Rotating cylinder outboard motor. 2,855,912, 10-14-58, Cl. 123-59.
- Stucker, Joseph B.: See—
- Manteuffel, Allan A., Brennan, and Stucker. 2,830,952.
- Stuckey, Benjamin N., and W. M. Gearhart, to Eastman Kodak Co. Wax coatings containing synergistic antioxidants. 2,843,497, 7-15-58, Cl. 106-287.
- Stuckey, William. Window construction. 2,828,512, 4-1-58, Cl. 20-52.1.
- Stucklin & Cie: See—
- Stucklin, Paul. 2,858,806.
- Stucklin, Paul, to Stucklin & Cie. Heating boilers. 2,858,806, 11-4-58, Cl. 122-82.
- Studebaker, John G.: See—
- Studebaker, John W., and J. G. 2,834,124.
- Studebaker, John W., and J. G. Educational workbook. 2,834,124, 5-13-58, Cl. 35-9.
- Studebaker-Packard Corp.: See—
- Bopp, Warren G. 2,846,899.
- Braun, Paul E. 2,835,240.
- De Lorean, John Z. 2,824,631.
- De Lorean, John Z. 2,824,750.
- De Lorean, John Z. 2,835,141.
- De Lorean, John Z. 2,847,093.
- De Lorean, John Z. 2,851,906.
- De Lorean, John Z. 2,859,977.
- Gaines, John W. 2,852,269.
- Grove, Robert K. 2,843,210.
- Kamins, Milton. 2,831,182.
- Kauffman, John H., and Hope. 2,846,879.
- Lucia, Carroll J. 2,854,265.
- Lucia, Carroll J., and De Lorean. 2,824,632.
- Lucia, Carroll J., and Misch. 2,827,798.
- McFarland, Forest R. 2,859,976.
- McFarland, Forest R., Lucia, and De Lorean. 2,846,900.
- McFarland, Forest R., and Thomas. 2,840,886.
- Middleton, Philip B. 2,840,623.
- Pringham, Henry E. J. 2,852,011.
- Remington, Ralph T. 2,824,464.
- Reske, Norman W. 2,858,667.
- Schall, Harold L. 2,846,897.
- Von Rucker, Nikolaus. 2,839,944.
- Weiss, Erwin A. 2,859,772.
- Witzky, Julius E. 2,834,328.
- Studenick, David K., to the United States of America as represented by the Secretary of the Navy. Depth measuring device for mooring mines. 2,824,516, 2-25-58, Cl. 102-13.
- Studer, Clair W., to The Hoover Co. Smoothing iron soleplate. 2,846,793, 8-12-58, Cl. 38-77.
- Studiengesellschaft Kohel mit Beschränkter Haftung: See—
- Koch, Herbert. 2,831,877.
- Studier, Martin H.: See—
- Manning, Winston M., Studier, Diamond, and Fields. 2,859,095.
- Studier, Aurele A. Bee swarm collector. 2,829,384, 4-8-58, Cl. 6-7.
- Stueland, Harold M., to Deere & Co. Fluid pressure system with recirculating circuit. 2,831,466, 4-22-58, Cl. 121-46.5.
- Stuellein, William H.: See—
- Tremblay, Bernard G., and Stuellein. 2,828,384.
- Stuellein, William H., and J. H. Sprow, to Westinghouse Electric Corp. Means for conducting current between relatively movable members. 2,866,047, 12-23-58, Cl. 200-166.
- Stuempfig, Friedrich: See—
- Bellwinkel, Curt, and Stuempfig. 2,822,793.
- Stuerzl, Henry C.: See—
- Casario, Martin J., and Stuerzl. 2,858,632.
- Stuene, Carl A.: See—
- Abos, Ralph L., and Ramon L., and Stuene. 2,841,286.
- Stuffer, Nick: See—
- Winkler, Frederic C., and Stuffer. 2,831,962.
- Stuffer, Nick, and L. H. Seeley, to Westinghouse Electric Corp. Luminaires. 2,852,663, 9-16-58, Cl. 240-51.11.
- Stufflebeam, Clyde E., and J. L. Fisher, to Century Geophysical Corp. Recording meter. 2,852,330, 9-16-58, Cl. 346-109.
- Stuhfauth, George: See—
- McCain, Cecil C., Stuhfauth, and Wright. 2,860,670.
- Stühner, Werner, and S. Funke, to Kali-Chemie Akt. 1-dimethylamino-2-phenyl-3-methylpentane. 2,863,921, 12-9-58, Cl. 260-570.8.
- Stukenborg, Louis C., 50% to H. V. Utterback. Latch for anti-rotational lock means. 2,843,407, 7-15-58, Cl. 287-60.
- Stukenborg, Louis C., 50% to H. V. Utterback. Lock for turnbuckles. 2,843,408, 7-15-58, Cl. 287-60.
- Stulen, Frank L.: See—
- Parsons, John T., and Stulen. 2,820,187.
- Stumbaugh, Owen L., to Victor Products Corp. Bottle vending machine. 2,819,815, 1-14-58, Cl. 221-92.
- Stumm, Richard A., Jr., to Sterer Engineering & Mfg. Co. Temperature compensated device for absorbing transient pressure fluctuations. 2,838,072, 6-10-58, Cl. 138-26.
- Stummeyer, Herbert: See—
- Pohlemann, Heinz, Schroeder, Stummeyer, and Adolphi. 2,865,912.
- Stump, Charles W., Jr. Rod fastener. 2,834,081, 5-13-58, Cl. 21-126.
- Stump, Charles W., Jr. Prestressed concrete structural element. 2,850,892, 9-9-58, Cl. 72-68.
- Stump, Eugen, to Daimler-Benz Aktiengesellschaft. Motion-transmitting mechanism for a speed change transmission of a motor vehicle. 2,819,626, 1-14-58, Cl. 74-473.
- Stump, Eugen, to Daimler-Benz Akt. Cooling system for air cooled internal combustion engines. 2,861,554, 11-25-58, Cl. 123-41.05.
- Stump, Harvey, to Hughes Aircraft Co. Current control regulator. 2,824,276, 2-18-58, Cl. 323-4.
- Stump, Howard W. Outdoor gas lights for insect destruction. 2,836,923, 6-3-58, Cl. 43-113.
- Stump, John A., to United States of America as represented by the Secretary of the Air Force. Reflector for viewing marker wheel. 2,823,584, 2-18-58, Cl. 88-85.
- Stump, Joseph H., Jr.: See—
- McLaughlin, Henry E., Stump, and Cleere. 2,866,826.

- Stump, Wilbur F. Liquid level control device. 2,838,061, 6-10-58, Cl. 137-154.
- Stump, William L., to E. I. du Pont de Nemours and Co. Process for preparing polycarbonamides. 2,840,547, 6-24-58, Cl. 260-78.
- Stumpf, Carolyn H. Infant's garment. 2,825,906, 3-11-58, Cl. 2-212.
- Stumpf, Hans : *See*—
Johannsen, Adolf, Wolf, Hettler, Kammerer, Stumpf, and Rasche. 2,846,291.
- Stumpp, George E., to R. N. Rose. Moth killing device. 2,827,203, 3-18-58, Cl. 222-70.
- Stunkel, Werner W. Micrometer bore gauge. 2,844,881, 7-29-58, Cl. 633-178.
- Sturdi-Bilt Engineering Co. : *See*—
Franks, Norvin H. Re. 24,535.
- Sturdi-Bilt Steel Products Inc. : *See*—
Franks, Norvin H. 2,843,436.
- Sturdy, Arthur T., Jr. : *See*—
Bliss, Albert. 2,840,876.
- Sturdy, Harry D. Speed control for automotive vehicles. 2,853,164, 9-23-58, Cl. 192-3.
- Sturdy, Raymond O., W. T. Rigney, and J. A. Lowing, to Evans Products Co. Freight loading apparatus. 2,847,946, 8-19-58, Cl. 105-368.
- Sture, John J. Smoker's pipe rack. 2,864,510, 12-16-58, Cl. 211-60.
- Sturgeon, Bennett : *See*—
Petrov, Vladimir, and Sturgeon. 2,832,783.
- Sturgeon, Edward G. : *See*—
Elliott, William T., Ball, and Sturgeon. 2,831,352.
- Sturges, George C. : *See*—
Hunter, Gordon S., and Sturges. 2,843,079.
- Sturges, Robert W., to Imperial Chemical Industries Ltd. Heat exchangers. 2,846,198, 8-5-58, Cl. 257-245.
- Sturgill, William C. Emergency brake for trailers. 2,845,148, 7-29-58, Cl. 188-152.
- Sturgis, Bernard M. : *See*—
Sommers, Earl E., and Sturgis. 2,840,593.
- Sturla, Peter L. : *See*—
Holliday, James H., and Sturla. 2,859,686.
- Sturley, Richard A., to Carrier Corp. Evaporator feed control. 2,833,125, 5-6-58, Cl. 62-119.
- Sturley, Richard A., to Carrier Corp. Air conditioning system. 2,853,275, 9-23-58, Cl. 257-9.
- Sturm, Erwin. Rotary pump and motor hydraulic transmission. 2,818,707, 1-7-58, Cl. 60-53.
- Sturm, Robert H., to Cosmocord Plastics Ltd. Method of making coating composition containing polyethylene and polyisobutylene. 2,825,709, 3-4-58, Cl. 260-285.
- Sturm, Roland G., to Graver Tank & Mfg. Co., Inc. Elevated tank. 2,855,121, 10-7-58, Cl. 220-18.
- Sturm, William J., to United States of America, Atomic Energy Commission. Method of measuring the integrated energy output of a neutronic chain reactor. 2,863,062, 12-2-58, Cl. 250-83.
- Sturman, Isidore. Precision garment pattern grading tool. 2,842,847, 7-15-58, Cl. 33-11.
- Sturrock, James, to Master Pneumatic Tool Co., Inc. Torque control clutch. 2,834,442, 5-13-58, Cl. 192-096.
- Sturrop, Robert B. Relay mechanisms. 2,843,696, 7-15-58, Cl. 200-87.
- Sturtzer, August : *See*—
Maass, Franz, and Sturtzer. 2,825,405.
- Sturz, Anna. Health corset. 2,833,285, 5-6-58, Cl. 128-543.
- Sturzenegger, August, to Hoffmann-La Roche Inc. Polyunsaturated acyclic di-ethers. 2,861,109, 11-18-58, Cl. 260-615.
- Sturzenegger, August A., to Hoffmann-La Roche Inc. Preparation of ketone. 2,863,922, 12-9-58, Cl. 260-585.5.
- Stutske, William A. : *See*—
Toepfer, Walter J., and Stutske. 2,863,260.
- Stutske, William A., and T. C. Sheets, to Owens-Illinois Glass Co. Apparatus for handling anode buttons for glass cathode ray tubes. 2,832,505, 4-29-58, Cl. 221-81.
- Stutz, Frederick L. : *See*—
De Lano, Ralph B., Jr., Little, and Stutz. 2,819,419.
- Stutz, Karl : *See*—
Spiess, Gustav, and Stutz. 2,828,832.
- Stutz, Robert C., to Niagara Blower Co. Apparatus for concentrating aqueous solutions of hygroscopic organic substances. 2,825,680, 3-4-58, Cl. 202-200.
- Stutz, Sherla L. System for keying or modulating the radiation field of an antenna. 2,831,188, 4-15-58, Cl. 343-757.
- Stützer, Hans. Apparatus for testing the tensile strength of chains and the like. 2,824,446, 2-25-58, Cl. 73-95.
- Stutzman, Guy R. Rotary fluid seal. 2,832,056, 4-22-58, Cl. 339-5.
- Stutzman, Noble D. Powder measuring dispenser. 2,856,807, 10-21-58, Cl. 86-31.
- Stutzner, Harold C. Ring game. 2,825,566, 3-4-58, Cl. 273-126.
- Stuve, Johan G. : *See*—
Harmsen, Gerrit J., and Stuve. 2,822,873.
- Stuzer, Hans : *See*—
Esser, Paul, Stützer, and Wattler. 2,824,420.
- Styner, Fritz, and A. Chlouba. Visual indicating device for cash registers. 2,858,067, 10-28-58, Cl. 235-23.
- Suarez Grau, Julio E., to The A. C. Gilbert Co. All-purpose fan. 2,857,095, 10-21-58, Cl. 230-223.
- Suau, Edouard : *See*—
Horclois, Raymond J., Metivier, and Suau. 2,820,031.
- Horclois, Raymond J., and Suau. 2,827,459.
- Subkow, Philip : *See*—
Robbins, Albert A. 2,819,972.
- Robbins, Albert A. 2,819,973.
- Sublett, Ira, and C. D. Johnson, to Fairmont Railway Motors, Inc. Hydraulic spike pulling apparatus. 2,846,187, 8-5-58, Cl. 254-18.
- Subluskey, Lee A. : *See*—
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- Suburban Appliance Co. : *See*—
Vaughn, Charles O. 2,864,359.
- Suburban Propane Gas Corp. : *See*—
Olson, Andrew R. 2,821,844.
- Sucetti, Glenn, to Zonolite Co. Light weight water resistant aggregate and method of making the same. 2,824,022, 2-18-58, Cl. 117-54.
- Sucetti, Glenn. Construction and coating materials. 2,861,004, 11-18-58, Cl. 106-277.
- Suchocki, Josef, to H. Horwitz. Pipe and coil cleaner apparatus. 2,839,768, 6-24-58, Cl. 15-351.
- Suchter, Wilma V., to H. Nick. Clamp for securing a hose to a nozzle or coupling. 2,865,070, 12-23-58, Cl. 24-28.
- Suckful, Fritz, R. Putter, and H. Nickel, to Farbenfabriken Bayer Akt. o-Hydroxy diazo compounds of the naphthalene series. 2,861,064, 11-18-58, Cl. 260-141.
- Suckling, Charles W., and J. Raventos, to Imperial Chemical Industries Ltd. 1,1,1-trifluoro-2-bromo-2-chloroethane and a process of making it. 2,849,502, 8-26-58, Cl. 260-653.
- Sucro-Blanc, Inc. : *See*—
Ehrhart, Eugene N. 2,829,986.
- Sud-Aviation Societe Nationale de Constructions Aeronautiques : *See*—
Hereil, Georges J. B. V., and Jakimiuk. 2,856,029.
- Vautier, André C. R. 2,863,620.
- Sudan Gezira Board, The : *See*—
Johnson, Philip H. 2,835,928.
- Sudbeaz, Steve. Combination bottle closure and ball applicator. 2,858,558, 11-4-58, Cl. 15-132.7.
- Sudbury, John D. : *See*—
Radd, Frederick J., Shock, and Sudbury. 2,861,892.
- Shock, D'Arcy A., and Sudbury. 2,839,466.
- Shock, D'Arcy A., and Sudbury. 2,840,477.
- Süddeutsche Kalkstickstoff-Werke A. G. : *See*—
Fischer, Thomas, Kronacher, and Kaess. 2,838,379.
- Kaess, Franz, and Rothlauf. 2,845,424.
- Motz, Jürgen, Küchler, Figge, Kaess, and Mühlberger. 2,837,422.
- Sudeck, Norman H., to American Steel Foundries. Coupler operating mechanism. 2,860,900, 11-18-58, Cl. 287-100.
- Suderow, George E. : *See*—
Bauer, George, De Long, Suderow, and Showalter. 2,861,430.
- De Long, Leon B., and Suderow. 2,858,055.
- Suderow, George E., to De Long Corp. Perforated caisson jack assembly. 2,822,670, 2-11-58, Cl. 61-46.5.
- Suderow, George E. Hatch cover. 2,831,448, 4-22-58, Cl. 114-202.
- Suderow, George E. Hatch cover. 2,831,449, 4-22-58, Cl. 114-202.
- Sudheimer, Robert L. Animal holder. 2,842,098, 7-8-58, Cl. 119-99.
- Sudo, Goichi : *See*—
Tsukamoto, Tadashi, Suzuki, Heijo, Takebe, Sudo, and Tanka. 2,823,226.
- Sudo, Koji. Process for manufacturing high grade pig iron. 2,823,109, 2-11-58, Cl. 75-41.
- Suel, Yves C., to Welding Research, Inc. Motor control system. 2,846,638, 8-5-58, Cl. 321-38.
- Suellentrop, Fred F., to Lemay Machine Co. Apparatus for manufacturing whipped cream. 2,850,046, 9-2-58, Cl. 141-64.
- Suellentrop, Fred F. Dispensing valve assembly. 2,852,168, 9-16-58, Cl. 222-394.
- Suen, Tzeng J., and A. M. Schiller, to American Cyanamid Co. Process of preparing polyacrylamide. 2,820,777, 1-21-58, Cl. 260-89.7.
- Suen, Tzeng J., and Y. Jen, to American Cyanamid Co. Resinous compositions. 2,829,126, 4-1-58, Cl. 260-69.
- Suen, Tzeng J., Y. Jen, and S. T. Moore, to American Cyanamid Co. Process for preparing amine-aldehyde resinous compositions and product obtained. 2,834,756, 5-13-58, Cl. 260-72.
- Suen, Tzeng J., and Y. Jen, to American Cyanamid Co. Aqueous solution of amino-aldehyde resin and polymer having formaldehyde reactive carboxamide substituents and processes of preparation. 2,862,901, 12-2-58, Cl. 260-29.4.
- Suen, Tzeng-Jueq, and W. N. Russell, to American Cyanamid Co. Process of sizing textile yarn and product thereof. 2,819,189, 1-7-58, Cl. 117-139.5.
- Suermondt, Henri J. : *See*—
Mantz, Marius R. 2,843,740.
- Suess, Edwin H. Pry board for grain doors. 2,828,121, 3-25-58, Cl. 268-44.
- Suess, Theodor E., to Vereinigte Österreichische Eisen-Und Stahlwerke Akt. Nozzle and control assembly for the introduction of fluid material into a heated chamber. 2,850,324, 9-2-58, Cl. 299-107.

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- Sugar Research Foundation, Inc.: See—
Wiggins, Leslie F. 2,853,385.
- Sugarman, Mendel. Slip cover. 2,820,510, 1-21-58, Cl. 155-182.
- Sugarman, Meyer L., Jr., to Radio Corp. of America. Electrostatic printing process for producing photographic transparencies. 2,857,271, 10-21-58, Cl. 96-1.
- Sugarman, Meyer L., Jr., to Radio Corp. of America. Electroradiography. 2,859,352, 11-4-58, Cl. 250-65.
- Sugarman, Meyer L., Jr., and A. J. Moncrieff-Yeates, to Radio Corp. of America. Electrophotographic member. 2,862,815, 12-2-58, Cl. 96-1.
- Sugden, Eric W., to Parmiter, Hope & Sugden Ltd. Electric fuses. 2,858,396, 10-28-58, Cl. 200-135.
- Suggs, Charles W., and R. W. Wilson, to Research Corp. Tobacco priming device. 2,834,174, 5-13-58, Cl. 56-27.5.
- Suggs, Thomas F., to Cocker Machine & Foundry Co. Leasing mechanism for textile machines. 2,860,400, 11-18-58, Cl. 28-40.
- Suggs, Thomas F., to Cocker Machine and Foundry Co. Size box. 2,862,280, 12-2-58, Cl. 28-28.
- Sugimoto, Roy: See—
Hinkamp, James B., and Sugimoto. 2,857,253.
- Sugrue, Joseph, and J. Anstett. Apparatus for testing and clearing. 2,834,538, 5-13-58, Cl. 230-174.
- Suban, Stephen G. Mobile supporting carriage for automatic washing machines and the like. 2,823,451, 2-18-58, Cl. 29-288.
- Suhner, Willy. Locking device for spindles. 2,835,497, 5-20-58, Cl. 279-42.
- Suhr, Fred W.: See—
Oldenkamp, John L., and Suhr. 2,845,553.
- Suhr, Fred W., to General Electric Co. Dual-voltage alternating-current motor. 2,823,342, 2-11-58, Cl. 318-221.
- Suif, Fernand A. Moulded element portable typewriter. 2,859,852, 11-11-58, Cl. 197-22.
- Suleski, Harry W. Removable double-hung window sashes. 2,820,258, 1-21-58, Cl. 20-52.3.
- Sulfo-Inc.: See—
Rinse, Jacobus. 2,829,101.
- Sulich, John, Jr.: See—
Kosalek, Joseph F., and Sulich. 2,822,272.
- Sulkowitch, Hirsch. Urine calcium test. 2,824,842, 2-25-58, Cl. 252-408.
- Sull, Chester, to United States Steel Corp. Chain conveyor. 2,860,520, 11-18-58, Cl. 74-254.
- Sullenbarger, Verle D.: See—
Sullenbarger, Vernon B., and Verle D. 2,828,028.
- Sullenbarger, Vernon B., and Verle D. Convertible farm wagon. 2,828,028, 3-25-58, Cl. 214-83.18.
- Sullenberger, Otto J. Instrument for layout of geometrical design. 2,832,138, 4-29-58, Cl. 33-1.
- Sullivan, Alan P., to Cities Service Research and Development Co. Voltage measuring instrument. 2,864,999, 12-16-58, Cl. 324-98.
- Sullivan, Arthur M., to W. J. Maker. Apparatus for encapsulating articles in a plastic coating. 2,847,707, 8-19-58, Cl. 18-26.
- Sullivan, Arthur M., to W. J. Maker. Method of making centrifugal castings. 2,847,714, 8-19-58, Cl. 18-58.3.
- Sullivan, Bernard G., and L. H. Turner, to General Motors Corp. Jet assembly for pumps. 2,820,418, 1-21-58, Cl. 103-260.
- Sullivan, Denis B.: See—
Davies, Thomas P., and Sullivan. 2,823,444.
- Sullivan, Francis D., deceased; M. E. Sullivan, heir of said F. D. Sullivan. Peelable liquid plastic cot or bandage. 2,824,559, 2-25-58, Cl. 128-157.
- Sullivan, Frank A. V.: See—
Davis, Arnold R., and Sullivan. 2,834,752.
- Petropoulos, John C., Sullivan, and Lindaw. 2,819,249.
- Thomas, Walter M., and Sullivan. 2,834,764.
- Sullivan, Frank A. V., to American Cyanamid Co. N,N'-alkyltetramethylene thiuram disulfides. 2,842,554, 7-8-58, Cl. 260-313.
- Sullivan, Frank A. V., and A. R. Davis, to American Cyanamid Co. Rubber composition containing 2,6-bis (2'-hydroxy-3'-tert butyl-5'-lower alkyl-benzyl)-4-methyl phenols as stabilizers. 2,819,329, 1-7-58, Cl. 260-810.
- Sullivan, Frank E., to The De Laval Separator Co. Centrifugal separator. 2,837,273, 6-3-58, Cl. 233-14.
- Sullivan, Frank E., to The De Laval Separator Co. Method for continuous processing of tall oil and the like. 2,838,481, 6-10-58, Cl. 260-97.5.
- Sullivan, Frederick W., III: See—
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- Sullivan, George C. Aluminum alloy gun barrel with a lubricating film. 2,850,828, 9-9-58, Cl. 42-76.
- Sullivan, Herbert W.: See—
Wilkins, Charles A., and Sullivan. 2,843,671.
- Sullivan, James C.: See—
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- Sullivan, John B., ½ to G. Moses. Door spacer. 2,834,627, 5-13-58, Cl. 292-274.
- Sullivan, John F.: See—
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- Sullivan, John J. Vertical and horizontal flight aircraft. 2,837,300, 6-3-58, Cl. 244-7.
- Sullivan, John J. Four-way channel support. 2,846,169, 8-5-58, Cl. 248-62.
- Sullivan, John W.: See—
Quate, Calvin F., and Sullivan. 2,849,650.
- Sullivan, Lawrence J., to N. E. Griffin. Disposable urinal. 2,819,472, 1-14-58, Cl. 4-110.
- Sullivan, Lawrence J., to N. E. Griffin. Disposable urinal. 2,855,607, 10-14-58, Cl. 4-110.
- Sullivan, Mary E.: See—
Sullivan, Francis D. 2,821,559.
- Sullivan, Michael V., to Bell Telephone Laboratories, Inc. Rectangular wave generator for color television. 2,836,717, 5-27-58, Cl. 250-27.
- Sullivan, Mollie, and C. T. McCally. Garden digging tool. 2,823,060, 2-11-58, Cl. 294-50.9.
- Sullivan, Raymond H.: See—
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- Sullivan, Raymond H., to General Motors Corp. Parking control for windshield wipers. 2,851,649, 9-9-58, Cl. 318-275.
- Sullivan, Robert H., to E. I. du Pont de Nemours and Co. Caprolactam containing 2,6-di-tert-butyl-p-cresol. 2,849,446, 8-26-58, Cl. 260-239.3.
- Sullivan, Ross J., and R. Summerfield, to A. B. Chance Co. Earth augers of the trip type. 2,831,658, 4-22-58, Cl. 255-65.
- Sullivan, Thomas P. Row crop pick-up attachment for combines. 2,835,097, 5-20-58, Cl. 56-98.
- Sullivan, Timothy J., to Sullivan Valve and Engineering Co. Electrical safety control apparatus. 2,821,613, 1-28-58, Cl. 219-38.
- Sullivan, Timothy J., to Sullivan Valve and Engineering Co. Adjustable gas control valve. 2,825,510, 3-4-58, Cl. 236-80.
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- Sullivan Valve and Engineering Co.: See—
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- Sulzer Freres, Societe Anonyme: See—
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- Buri, Alfred. 2,825,306.
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- Summerford, Simpson D., and J. E. Moise, to Esso Research and Engineering Co. Starting up procedure for the synthesis of hydrocarbons. 2,847,438, 8-12-58, Cl. 260-449.6.
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- Abe, Yasuo, Harukawa, Ishikawa, Miki, Sumi, and Toga. 2,862,953.
- Sumiya, Shinzo. Multiple effect vacuum evaporator. 2,838,108, 6-10-58, Cl. 159-17.
- Summerer, William H., to Admiral Corp. Antennae clip. 2,823,438, 2-18-58, Cl. 24-261.
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- Summerlin, Frederick A. Internal combustion engines. 2,863,426, 12-9-58, Cl. 123-50.
- Summers, Allan J.: See—
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- Summers, Arnold R., ½ to A. E. Blair. Pipe-in-socket joint with wedging clips. 2,832,615, 4-29-58, Cl. 285-342.
- Summers, Claude R., Jr.: See—
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- Summers, Claude R., Jr., to Gulf Oil Corp. Polymerization of olefins. 2,863,931, 12-9-58, Cl. 260-683.15.
- Summers, Erwin R., to General Electric Co. Regulating machines for controlling the speed of induction motors. 2,836,779, 5-27-58, Cl. 318-197.
- Summers, Gerald C., to Socony Mobil Oil Co., Inc. Velocity well logging. Re. 2,446, 3-25-58, Cl. 181-5.
- Summers, Gerald C., to Socony Mobil Oil Co., Inc. Low noise level acoustic logging system. 2,834,421, 5-13-58, Cl. 181-5.

- Summers, Gerald C., to Socony Mobil Oil Co., Inc. Noise sensitive control of acoustic well logging systems. 2,857,011, 10-21-58, Cl. 181-5.
- Summers, Gerald C., to Socony Mobil Oil Co., Inc. Compensated gate circuit. 2,862,104, 11-25-58, Cl. 250-27.
- Summers Gyroscope Co.: *See*—
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- Summers, Thomas O., Jr. 2,828,629.
- Summers, Otto M. Signaling section at the edge of a highway lane. 2,826,128, 3-11-58, Cl. 94-1.5.
- Summers, Thomas O., Jr., to Summers Gyroscope Co. Gyroscope with direct current torquing. 2,824,451, 2-25-58, Cl. 74-5.47.
- Summers, Thomas O., Jr., to Summers Gyroscope Co. Precision erecting mechanism. 2,828,629, 4-1-58, Cl. 74-5.45.
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- Summitt, Charles D. Boatswain's chair. 2,839,123, 6-17-58, Cl. 155-2.
- Sumner, Eric E., to Bell Telephone Laboratories, Inc. Transistor trigger circuit. 2,831,128, 4-15-58, Cl. 307-88.5.
- Sumner, Eric E., to Bell Telephone Laboratories, Inc. Semiconductor trigger circuit. 2,831,986, 4-22-58, Cl. 307-88.5.
- Sumner, Eric E., to Bell Telephone Laboratories, Inc. Transistor circuit for operating a relay. 2,864,975, 12-16-58, Cl. 317-9.
- Sumner, Fred, to Shell Development Co. Apparatus for purging fluids from liquid cooling systems. 2,839,742, 6-17-58, Cl. 340-242.
- Sumner, Helen M. Therapeutic appliances. 2,853,076, 9-23-58, Cl. 128-399.
- Sumner Iron Works, Inc.: *See*—
- Fish, Marion F. 2,861,606.
- Ringman, Henry W. 2,838,248.
- Sumner, John K.: *See*—
- Spahr, Raymond J., Sumner, and Yedlick. 2,833,283.
- Sumner, John K., P. Surowitz, and E. J. Yedlick, to Chicopee Mfg. Corp. Soft durable nonwoven fabric. 2,823,142, 2-11-58, Cl. 117-76.
- Sumner, John K., P. Surowitz, and E. J. Yedlick, to Chicopee Mfg. Corp. Washable garment part. 2,864,093, 12-16-58, Cl. 2-243.
- Sumter, Chester A. Tire casing spreader. 2,851,249, 9-9-58, Cl. 254-50.4.
- Sumter Mfg. Co.: *See*—
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- Sun Oil Co.: *See*—
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- Beck, Henry C., and Pim. 2,863,820.
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- Blake, Norman B. 2,858,510.
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- Bowers, Rolland G. 2,828,247.
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- Brown, Irving. 2,846,522.
- Daugherty, James P., Jr. 2,862,890.
- Davis, Evan E., Jr., Parcels, and Rostron. 2,824,125.
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- Ferris, Seymour W., and Johnson. 2,837,553.
- Friel, Patrick J. 2,842,490.
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- Hirschler, Alfred E., and Janoski. 2,865,843.
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- Jezl, James L. 2,821,488.
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- Johnson, Herbert L., and Hetzel. 2,846,420.
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- Mills, Ivor W. 2,839,339.
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- Mills, Ivor W. 2,861,020.
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- Thomas, Charles L. 2,848,380.
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- Thompson, William E. 2,828,258.
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- Rekettye, Paul. 2,834,051.
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- Sun Steel Co.: *See*—
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- Adams, Cecil E., and Sun. 2,832,293.
- Sunbeam Corp.: *See*—
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- Sunbeam Light Co.: *See*—
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- Sunberg, Gottfrid. Sanitary spray attachment for toilet bowl. 2,852,782, 9-23-58, Cl. 4-7.
- Sundberg, Erik G., and B. G. Ousback. Electrode plate suspension means. 2,840,625, 6-24-58, Cl. 136-79.
- Sundberg, Erik G., and K. G. Söderberg, to Aktiebolaget Tudor. Accumulator cells. 2,853,536, 9-23-58, Cl. 136-26.
- Sundberg, Robert C., to Jno. H. Swisher & Son, Inc. Locator for cigar perforator. 2,854,986, 10-7-58, Cl. 131-255.
- Sundberg, Robert L., to General Aniline & Film Corp. Process of preparing ester and amide type anionic surface active agents. 2,857,370, 10-21-58, Cl. 260-97.5.
- Sundberg, Robert L., M. E. Chiddix, and E. P. Williams, to General Aniline & Film Corp. Preparation of aminoalkyl acids and derivatives thereof. 2,860,160, 11-11-58, Cl. 260-501.
- Sunderland, Oswald O. Automatic pistol. 2,832,266, 4-29-58, Cl. 89-195.
- Sunderlin, Joseph E.: *See*—
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- Swanson, Fred R. 2,826,942.
- Swanson, Fred R., and Erikson. 2,823,590.
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- Sundt, Edward V. Clockwork mechanism. 2,821,063, 1-28-58, Cl. 58-26.
- Sundt, Edward V., to Sundt Engineering Co. Slow speed electric motor. 2,825,826, 3-4-58, Cl. 310-37.
- Sundt, Edward V. Driving mechanism for windshield wipers and the like. 2,830,458, 4-15-58, Cl. 74-70.

- Sundt, Edward V. to Sundt Engineering Co. Fuse post. 2,831,087, 4-15-58, Cl. 200—133.
- Sundt, Edward V. Speed reducer. 2,861,481, 11-25-58, Cl. 74—760.
- Sundt, Edward V. Short-time delay fuse. 2,864,917, 12-16-58, Cl. 200—133.
- Sundt Engineering Co.: See—
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- Sung, Chien-Bor, to Bendix Aviation Corp. Regulator for positive displacement fluid machines. 2,855,857, 10-14-58, Cl. 103—136.
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- Sunko, John, and C. F. Race, to Motorola, Inc. Tube socket. 2,840,793, 6-24-58, Cl. 339—193.
- Sunnen, August, Jr., to E. I. du Pont de Nemours and Co. Film splicing apparatus. 2,844,186, 7-22-58, Cl. 154—42.2.
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- Sunshine Biscuits, Inc.: See—
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- Sunstein, David E., to Philco Corp. Autodyne frequency converter with self-bias controlled amplitude limiting and preclusion of grid current flow. 2,856,521, 10-14-58, Cl. 250—20.
- Sunstein, David E., W. Ussler, Jr., and A. C. Munster, to Philco Corp. Signal integrating system. 2,841,704, 7-1-58, Cl. 250—27.
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- Suozzo, John, and D. Santini, to Westinghouse Electric Corp. Elevator systems. 2,827,980, 3-25-58, Cl. 187—29.
- Suozzo, Leonard S., to Bergen Pipesupport Corp. Variable support spring hanger. 2,835,463, 5-20-58, Cl. 248—54.
- Suozzo, Leonard S. and J. Kehler, to Bergen Pipesupport Corp. Constant support device. 2,850,253, 9-2-58, Cl. 248—54.
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- Superior Aluminum Products, Inc.: See—
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- Supreme Foundry, Inc.: See—
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- Supreme Products Corp.: See—
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- Supurdisplay, Inc.: See—
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- Mathis, Vernon P., and Suran. 2,863,045.
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- Suran, Jerome J., to General Electric Co. Wave generator. 2,859,360, 11-4-58, Cl. 307—88.5.
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- Surdy, Charles J. Compressor system. 2,849,173, 8-26-58, Cl. 230—45.
- Sureau, Robert F. M.: See—
- Petitcolas, Pierre, Richard, Sureau, Roe, and Develotte. 2,858,301.
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- Swanbum, Gerda J.: *See*—
- Swanbum, Robert W. 2,857,000.
- Swanbum, Robert W., deceased, by G. J. Swanbum, executrix. Apparatus for intermittently advancing and cutting lengths of wire and the like. 2,857,000, 10-21-58, Cl. 164-49.
- Swaney, Hugh F.: *See*—
- Womack, Ragan M., Swaney, and Gibson. 2,862,289.
- Swaney, William A., and F. F. Felker, to United States Steel Corp. Apparatus for the recovery of anthracene and the like. 2,828,188, 3-25-58, Cl. 23-270.
- Swaney, William A., to United States Steel Corp. Anthracene recovery process. 2,828,346, 3-25-58, Cl. 260-675.
- Swank, Everett K. Writing instrument. 2,865,330, 12-23-58, Cl. 120-17.
- Swank, Harry K.: *See*—
- Webster, Henry N. 2,861,846.
- Swank, Inc.: *See*—
- Marien, Clement S. 2,855,775.
- Swank, Rehl W., to Erie Meter Systems, Inc. Pit box access cover and tool for removing same. 2,828,762, 4-1-58, Cl. 137-371.
- Swank, Richard E. Automatic display apparatus. 2,839,856, 6-24-58, Cl. 40-36.
- Swank, Robert K.: *See*—
- Buck, Warren L., and Swank. 2,824,841.
- Swann, Erwin D. Costume convertible shopping bag. 2,853,710, 9-30-58, Cl. 2-243.
- Swann, James S., to Standard Railway Equipment Mfg. Co. Inside lining sheet for freight car. 2,823,624, 2-18-58, Cl. 105-423.
- Swanson, Albert S., and R. C. Peabody, to G. H. Tennant Co. Power driven cleaning machine having fluid control system. 2,829,391, 4-8-58, Cl. 15-83.
- Swanson, Albert S., and H. J. Kimmerle, to G. H. Tennant Co. Floor surfacing machine. 2,862,224, 12-2-58, Cl. 15-328.
- Swanson, Arden E., to The Day Co. Air filtering apparatus. 2,844,216, 7-22-58, Cl. 183-57.
- Swanson, Arthur, to Koppers Co., Inc. Coupling. 2,842,945, 7-15-58, Cl. 64-9.
- Swanson, Bernard A. Engines. 2,821,962, 2-4-58, Cl. 121-15.
- Swanson, Bernard A. Automatic safety chuck or connector-coupler. 2,837,341, 6-3-58, Cl. 279-19.7.
- Swanson, Bror W. Ring thread gauge. 2,852,855, 9-23-58, Cl. 33-199.
- Swanson, Charles W.: *See*—
- Rapoport, Ernest, and Swanson. 2,831,734.
- Swanson, Donald F., and E. J. Buzicky, to Whirlpool Corp. Storage bin for ice cube making machine. 2,860,027, 11-11-58, Cl. 312-312.
- Swanson, Earnest F., to Penn Controls, Inc. Snap acting mechanism. 2,841,999, 7-8-58, Cl. 74-100.
- Swanson, Edwin C., to Greenlee Bros. & Co. Portable hydraulic press tool. 2,821,877, 2-4-58, Cl. 81-15.
- Swanson, Edwin C., to Brock Equipment Co. Wire bending tool. 2,864,272, 12-16-58, Cl. 81-15.
- Swanson, Frank O.: *See*—
- Logue, James A., Roberts, and Swanson. 2,843,925.
- Swanson, Fred R., to Sundstrand Machine Tool Co. Machine for removing burrs from metal. 2,826,942, 3-18-58, Cl. 77-3.
- Swanson, Fred R., and C. F. Erikson, to Sundstrand Machine Tool Co. Machine tool. 2,823,590, 2-18-58, Cl. 90-13.
- Swanson, Fred W. Bacon package and method of making same. 2,830,910, 4-15-58, Cl. 99-174.
- Swanson, Fritz O. Watering system for plants and the like. 2,818,577, 1-7-58, Cl. 137-135.
- Swanson, James A.: *See*—
- Hesson, James C., and Swanson. 2,858,764.
- Swanson, John A. Motor grader attachment support and grader blade control. 2,834,126, 5-13-58, Cl. 37-143.
- Swanson, John I., to Union Steel Products Co. Reinforce assemblies and units thereof. 2,837,985, 6-10-58, Cl. 94-8.
- Swanson, Lawrence R. Boot attachment for fracture table. 2,844,143, 7-22-58, Cl. 128-84.
- Swanson, Linwood B.: *See*—
- Sloan, Harry E., and Swanson. 2,843,389.
- Swanson, Merrill E.: *See*—
- Johnson, Norman G., Noddin, and Swanson. 2,823,609.
- Swanson, Nels H. Twist drill gauge. 2,840,921, 7-1-58, Cl. 33-201.
- Swanson, Norman. Sound tape operated switching mechanism. 2,820,863, 1-21-58, Cl. 200-61.13.
- Swanson, Oscar L. Inspection device. 2,858,616, 11-4-58, Cl. 33-174.
- Swanson, Peter J. Salmon egg dispenser. 2,828,048, 3-25-58, Cl. 221-277.
- Swanson, Robert E., to International Business Machines Corp. Method of making transistor with welded collector. 2,856,320, 10-14-58, Cl. 148-15.
- Swanson, Swan E.: *See*—
- Swanstrom, John E., Connell, Cooper, and Swanson. 2,849,908.
- Swanson Tool and Machine Products, Inc.: *See*—
- Merchant, Chester O. 2,823,820.
- Swanson, Victor T., to Wire Machinery Corp. of America, Inc. Traversing mechanism for reels. 2,822,993, 2-11-58, Cl. 242-158.2.
- Swanson, Wallace R., to Boeing Airplane Co. Fuel cell bead retainers. 2,859,812, 11-11-58, Cl. 160-368.
- Swanson, Walter S.: *See*—
- McGee, Harold E., and Swanson. 2,821,818.
- Swanstrom, John E., W. H. Conwell, and J. F. Cooper, Jr., to Diamond Calk Horseshoe Co. Spring loaded plier type tool. 2,818,758, 1-7-58, Cl. 81-417.
- Swanstrom, John E., W. H. Connell, J. F. Cooper, Jr., and S. E. Swanson, to Diamond Calk Horse Shoe Co. Locking open end wrench with lock retaining means. 2,849,908, 9-2-58, Cl. 81-165.
- Swanton, Walter F., to Pfaunder Permutit Inc. Method and means of electrolytic plating. 2,853,442, 9-23-58, Cl. 204-28.
- Swart, Emanuel A.: *See*—
- Singher, Heron O., and Swart. 2,842,480.
- Singher, Heron O., and Swart. 2,847,347.
- Singher, Heron O., and Swart. 2,847,348.
- Singher, Heron O., and Swart. 2,847,349.
- Singher, Heron O., and Swart. 2,847,350.
- Swart, Gilbert H., and P. J. Early, to The General Tire and Rubber Co. Aluminum resinate rubber composition and method of making the same. 2,854,423, 9-30-58, Cl. 260-27.
- Swart, Gilbert H., W. C. Warner, and A. J. Beber, to The General Tire and Rubber Co. Composition containing compound stabilized with a trithiocarbonate. 2,858,292, 10-28-58, Cl. 260-45.8.
- Swart, Richard H., and R. W. Ayling, to Carrier Corp. Crescent shaped reed valve. 2,859,912, 11-11-58, Cl. 230-172.
- Swart, Richard H., Sr., to Carrier Corp. Lubrication means. 2,860,016, 11-11-58, Cl. 309-19.
- Swarthout, David S. Tread compressing type tire bead seating tool. 2,849,060, 8-26-58, Cl. 157-1.21.
- Swarthout, Warren E.: *See*—
- Porter, Donald C. 2,854,829.
- Swartwout Co., The: *See*—
- Schweitzer, Earl O. 2,837,175.
- Swartz, Allen I.: *See*—
- Gustafson, Elmer M., and Swartz. 2,846,625.
- Swartz, Elmer, to United States of America, Army. Holder for electron tubes. 2,861,782, 11-25-58, Cl. 257-263.
- Swartz, George A., to Ivers-Lee Co. Machine for making and filling sealed packages. 2,826,025, 3-11-58, Cl. 53-180.
- Swartz, George A., and E. J. David, to Ivers-Lee Co. Method of and machine for making packages containing solid articles and a fluent substance. 2,828,590, 4-1-58, Cl. 53-28.
- Swartz, Henry D. Thermoplastic welding devices. 2,819,374, 1-7-58, Cl. 219-250.
- Swartz, James J., and I. H. Russell, to Sloan Valve Co. Methods of finishing valve bodies. 2,843,920, 7-22-58, Cl. 29-157.1.
- Swartz, Keith T.: *See*—
- Blair, James M., Ter Bush, and Swartz. 2,822,276.
- Swartz, Otto M. Dart construction. 2,828,966, 4-1-58, Cl. 273-106.5.
- Swartz, Ruby J., and J. E. Snyder, to Wingfoot Corp. Bag closures. 2,835,433, 5-20-58, Cl. 229-62.
- Swartz, Sophia. Soap and figured toys. 2,849,831, 9-2-58, Cl. 43-25.
- Swartzbaugh Mfg. Co., The: *See*—
- Conklin, William R., Thom, and Stentz. 2,845,780.
- Swasey, Arthur M., to General Electric Co. Lighting circuit current regulator. 2,853,654, 9-23-58, Cl. 315-193.
- Swatsworth, John C., to Barworth, Inc. Valves. 2,860,660, 11-18-58, Cl. 137-625.42.
- Sway, Boris, and J. W. Callahan, to Texo Corp. Method for removing carbonaceous deposits from aluminum molds. 2,837,484, 6-3-58, Cl. 252-100.
- Swayne-Robinson & Co.: *See*—
- Fisher, Preston B. 2,832,395.
- Sweany, John B. Optical surface gauge. 2,834,111, 5-13-58, Cl. 33-46.
- Swearingen, Dwight F.: *See*—
- MacArthur, Robert B., and Swearingen. 2,844,337.
- Swearingen, Judson S., and L. Bakker, to Sinclair Refining Co. Paper size. 2,837,439, 6-3-58, Cl. 106-238.
- Sweatt, Stanley I.: *See*—
- Wisco, Alvin A., and Sweatt. 2,848,642.
- Swedish Crucible Steel Co.: *See*—
- Phillips, David. 2,846,697.
- Swedlund, Lloyd E., to Radio Corp. of America. Ion trap electron gun. 2,821,645, 1-28-58, Cl. 313-82.
- Swedmark, Lennart G., to Sandvikens Jernverks Aktiebolag. Device for inside machining as grinding, milling etc., of tubes and method for performance of this operation. 2,818,688, 1-7-58, Cl. 51-103.
- Sweeder, Joseph: *See*—
- Robbins, Frederick O., Sweeder, Dunbar, and Wolke. 2,849,813.
- Robbins, Frederick O., Sweeder, Dunbar, and Wolke. 2,852,277.
- Sweely, Donald B.: *See*—
- Johannessen, Vaughn L., and Sweely. 2,823,592.
- Sweem, Ervin C. Foldable draperies and methods of manufacture. 2,829,081, 4-1-58, Cl. 154-118.

- Sweeney, B. K., Mfg. Co.: See—
Able, Edward T., and De Ruiter. 2,854,251.
Able, Edward T., Krieger, and De Ruiter. 2,826,431.
- Sweeney, Charles A. Auxiliary seat for seat boards. 2,841,207, 7-1-58, Cl. 155-133.
- Sweeney, Francis T., to Socony Mobil Oil Co., Inc. Catalytic hydrocarbon conversion process. 2,848,378, 8-19-58, Cl. 196-52.
- Sweeney, John M.: See—
Hutchison, Donald F., and Sweeney. 2,863,616.
- Sweeney, Kenneth O.: See—
Emanuel, Walter A., Holstrom, and Sweeney. 2,845,799.
- Sweeney, William M., to The Texas Co. Acetylated metallo-organic compounds and their preparation. 2,852,542, 9-16-58, Cl. 260-429.
- Sweeny, Allen N.: See—
De Vlieg, Charles B., and Sweeny. 2,849,902.
- Sweeny, Wilfred: See—
Andres, Raymond J., and Sweeny. 2,837,500.
- Swee, John H.: See—
Woods, William E., Wilson, and Swee. 2,832,536.
- Sweet, Alva L.: See—
Chamberlin, James A., and Sweet. 2,839,947.
- Sweet, Clifford W., to Leverstart Ltd. Shipping clutch variable speed gear. 2,834,227, 5-13-58, Cl. 74-665.
- Sweet, Edmund G. F., to Brantford Coach & Body Ltd. Hopper closure for road spreader. 2,830,746, 4-15-58, Cl. 222-410.
- Sweet, Gerald B. Cigarette snuffer. 2,820,464, 1-21-58, Cl. 131-237.
- Sweet, Paul B.: See—
Grant, James C., and Sweet. 2,830,895.
- Sweet, Ray D., and W. J. Edwards, to The Singer Mfg. Co. Stop-motion mechanisms for sewing machines. 2,825,296, 3-4-58, Cl. 112-219.
- Sweet, Ray D., and W. J. Edwards, to The Singer Mfg. Co. Automatic clamp opening devices for sewing machines. 2,849,971, 9-2-58, Cl. 112-76.
- Sweet, Sterling S., K. W. Scott, and M. H. van Horn, to Eastman Kodak Co. Process of producing unoriented formed articles from high polymers. 2,847,709, 8-19-58, Cl. 18-48.
- Sweet, Walter J., to Hercules Powder Co. Method of reducing BOD of starch bearing effluent by addition of substituted cellulose to effluent. 2,865,854, 12-23-58, Cl. 210-59.
- Sweeting, Robert C., to Western Electric Co., Inc. Device for cleaning a soldering iron. 2,825,083, 3-4-58, Cl. 15-210.
- Sweetman, Paul N., to Schultz-Sweetman, Inc. Apparatus for timing assembly in corn cutting machines. 2,823,914, 2-18-58, Cl. 267-1.
- Sweetser, Roger: See—
Thomas, Alexander, and Sweetser. 2,864,012.
- Sweger, Russell P., to Barber-Colman Co. Condition responsive switch apparatus. 2,828,373, 3-25-58, Cl. 200-18.
- Sweigart, Arthur L.: See—
Snow, Carl W., Sweigart, an Smith. 2,862,545.
- Swennes, Benjamin A., to Borg-Warner Corp. Transmission. 2,829,542, 4-8-58, Cl. 74-688.
- Swenson, Carl T., to MilSCO Mfg. Co. Cushioned seat. 2,833,342, 5-6-58, Cl. 155-184.
- Swenson, Carl T., to MilSCO Mfg. Co. Seat pedestal. 2,836,225, 5-27-58, Cl. 155-90.
- Swenson, Carl T., to MilSCO Mfg. Co. Cushioned seat. 2,836,227, 5-27-58, Cl. 155-179.
- Swenson, Eskil W. Spreader attachment for fork lift truck. 2,829,896, 4-8-58, Cl. 275-2.
- Swenson, John, Granite Co., Inc. The: See—
Swenson, Omar S. 2,856,913.
- Swenson, Kurt L., to Aktiebolaget Gotaverken. Apparatus for the estimation of the distribution of the cargo in a ship. 2,865,566, 12-23-58, Cl. 235-61.
- Swenson, Omar S., to The John Swenson Granite Co., Inc. Stone finishing machine. 2,856,913, 10-21-58, Cl. 125-7.
- Swenson, Oscar E. Welding of metals having hot-short characteristics. 2,824,818, 2-25-58, Cl. 148-4.
- Swenson, Oscar J. Ratchet-type, manually actuated, rotary impact tool. 2,844,982, 7-29-58, Cl. 81-52.3.
- Swenson, Paul F., and M. T. Cooperrider, to Swenson Thermal Research, Inc. Burner controller with safety cut-off. 2,836,365, 5-27-58, Cl. 236-21.
- Swenson, Reuben A., and S. J. Zajac, to Standard Oil Co. Process for preparing anhydrous lime grease. 2,841,556, 7-1-58, Cl. 252-39.
- Swenson Thermal Research, Inc.: See—
Swenson, Paul F., and Cooperrider. 2,836,365.
- Swenson, William B., and F. C. Nielsen, to Minneapolis-Moline Co. Tractor transmission with plural power take-off shafts. 2,838,940, 6-17-58, Cl. 74-15.2.
- Swern, Daniel, and W. E. Parker, to United States of America, Agriculture. Separation of mixed fatty acids. 2,838,480, 6-10-58, Cl. 260-96.5.
- Swett, Alan M., to Dennison Mfg. Co. Tag machine. 2,850,208, 9-2-58, Cl. 221-14.
- Swett, Russell F., to Duc-Pac, Inc. Duct construction. 2,847,034, 8-12-58, Cl. 138-25.
- Swett, Russell F., to Duc-Pac, Inc. Hand operated tool for forming lip on end of a wall of a duct. 2,860,536, 11-18-58, Cl. 81-15.
- Swezey, Arthur W., and R. W. Nex, to The Dow Chemical Co. Herbicidal chemical compositions. 2,841,482, 7-1-58, Cl. 71-2.3.
- Swezey, Arthur W., and R. W. Nex, to The Dow Chemical Co. Herbicidal chemical compositions. 2,841,483, 7-1-58, Cl. 71-2.3.
- Swidzinski, Eugene. Device for guiding the blind. 2,832,543, 4-29-58, Cl. 235-128.
- Swift, Abbott M.: See—
Huntington, Frederick T., and Swift. 2,847,895.
- Swift, Albert M.: See—
Roth, Roy W., Swift, and Rakowitz. 2,856,380.
- Swift & Co.: See—
Anderson, Mauritz G., and Smith. 2,855,309.
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Bremer, Joseph W., Jr., and Hilfman. 2,865,760.
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Ohlson, John L., and Steiner. 2,847,433.
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Rueckert, Dean E. 2,841,506.
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Strandine, Eldon J., Connick, and Oldenburg. 2,834,994.
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- Swift, Edward W.: See—
Perentchak, John, and Swift. 2,831,900.
- Swift Electric Welder Co.: See—
Taylor, Floyd E. 2,830,168.
Taylor, Floyd E. 2,851,580.
- Swift, Gilbert, to Well Surveys, Inc. Instrument zeroing for radioactivity well logging. 2,819,408, 1-7-58, Cl. 250-83.6.
- Swift, Gilbert, to Well Surveys, Inc. Sensitivity adjustment for radioactivity well logging. 2,824,236, 2-18-58, Cl. 250-83.6.
- Swift, George W., Jr., Inc.: See—
Thorn, Harry F. 2,827,873.
- Swift, Howard G., Jr. Shift bar. 2,860,562, 11-18-58, Cl. 95-86.
- Swift, Howard R.: See—
Molter, Richard C., and Swift. 2,860,059.
- Swift, Peter, to Dallow, Lambert and Co. Ltd. Apparatus for the removal of solid particles from gases. 2,853,152, 9-23-58, Cl. 183-26.
- Swift, William C. G.: See—
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- Swiger, William F., and A. F. Zaskey, to Shell Oil Co., Continental Oil Co., The Superior Oil Co., and Union Oil Co. of California. Support structure. 2,857,744, 10-28-58, Cl. 61-46.5.
- Swigert, Wesley: See—
Wilbert, Godfrey, Reich, and Swigert. 2,836,601.
- Swimquip Inc.: See—
Baker, William O. 2,854,142.
- Swinarski, Dan. Hydraulic electric light switch. 2,831,084, 4-15-58, Cl. 200-82.
- Swindell-Dressler Corp.: See—
Dressler, Philip, and Tinker. 2,855,655.
- Swinehart, Frank, and E. J. Ehrbar, to Cornell-Dubilier Electric Corp. Ultra high frequency antenna. 2,827,628, 3-18-58, Cl. 343-806.
- Swinehart, Richard W., and H. W. Bull, to The Dow Chemical Co. Charcoal briquettes and method for their manufacture. 2,822,251, 2-4-58, Cl. 44-41.
- Swinehart, Richard W., M. A. Weaver, A. B. Savage, and E. V. Moeller, to The Dow Chemical Co. Water-soluble thermoplastic cellulose ether compositions. 2,835,603, 5-20-58, Cl. 106-189.

- Swinehart, Richard W., G. K. Greminger, Jr., and M. A. Weaver, to The Dow Chemical Co. Cold-sealing water-soluble thermoplastic cellulose ether composition. 2,849,328, 8-26-58, Cl. 106—176.
- Swing-A-Way Mfg. Co.: *See*—
Moore, Walter E. 2,865,148.
- Swing, David J., and V. A. Czawlytko, to ACF Industries, Inc. Indicating fuse holder. 2,855,483, 10-7-58, Cl. 200—121.
- Swingle, Donald M. Motor vehicle controls. 2,842,039, 7-8-58, Cl. 97—16.03.
- Swingle, Donald R., to Cumberland Case Co. Wire carrying case for glass bottles. 2,853,202, 9-23-58, Cl. 220—19.
- Swingspout Measure Co.: *See*—
Robertson, Snell. 2,830,732.
Robertson, Snell. 2,838,212.
- Swint, Albert G., Jr.: *See*—
Thompson, Wallace M., Swint, and Little. 2,865,284.
- Swintosky, Joseph V.: *See*—
Kennon, Lloyd, and Swintosky. 2,851,453.
- Swisher, Billy B.: *See*—
Entrikin, Raymond A., Gramm, and Swisher. 2,832,022.
- Swisher, Horton E., to Sunkist Growers, Inc. Control of navel bitter in dehydrated juice products. 2,834,687, 5-13-58, Cl. 99—206.
- Swisher, Jno. H., & Son, Inc.: *See*—
Sundberg, Robert C. 2,854,986.
- Swisher, Robert D.: *See*—
Marotta, Ralph, and Swisher. 2,827,487.
- Swiss, Jack: *See*—
Minter, Herbert F., and Swiss. 2,840,538.
- Swiss, Jack, and I. N. Elbling, to Westinghouse Electric Corp. Tracing sheet. 2,831,783, 4-22-58, Cl. 117—138.8.
- Switchcraft, Inc.: *See*—
Dumke, Willy G. and W. E. 2,831,075.
- Swithers, Harry S.: *See*—
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- Switlik Parachute Co., Inc.: *See*—
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- Switzer Brothers, Inc.: *See*—
Gaunt, Thomas N. 2,851,423.
Switzer, Joseph L. and R. C. 2,845,023.
Switzer, Joseph L. and R. C. 2,851,424.
Switzer, Robert C. 2,856,538.
- Switzer, George W., to Gilbert Associates, Inc. Heat transfer retarding shields. 2,853,279, 9-23-58, Cl. 259—241.
- Switzer, Harold K. Screw and sheet metal socket therefor. 2,818,764, 1-7-58, Cl. 85—32.
- Switzer, Harold K. Sink strip assembly. 2,858,548, 11-4-58, Cl. 4—187.
- Switzer, Joseph L. and R. C., to Switzer Brothers, Inc. Mechanical printing of daylight fluorescent compositions. 2,845,023, 7-29-58, Cl. 101—426.
- Switzer, Joseph L. and R. C., to Switzer Brothers, Inc. Fluorescent compositions. 2,851,424, 9-9-58, Cl. 252—301.2.
- Switzer, Joseph L. and R. C., and R. A. Ward, to J. D. Steele. Method of making fluorescent paramagnetic pigments and product produced thereby. 2,864,771, 12-16-58, Cl. 252—301.3.
- Switzer, Marshall H., to Continental Can Co., Inc. Method of applying preformed liner to a metal container. 2,847,959, 8-19-58, Cl. 113—120.
- Switzer, Ralph E., to J. J. Mickelson, as trustee for Mid-West Tooling Service, Inc. Drive mechanism for recording and playback machines and the like. 2,858,996, 11-4-58, Cl. 242—55.12.
- Switzer, Robert C.: *See*—
Switzer, Joseph L. and R. C. 2,845,023.
Switzer, Joseph L. and R. C. 2,851,424.
Switzer, Joseph L. and R. C., and Ward. 2,864,771.
- Switzer, Robert C. Flaw detection. 2,839,918, 6-24-58, Cl. 73—104.
- Switzer, Robert C., to Switzer Brothers, Inc. Ultrasonic penetrant method of flaw detection. 2,856,538, 10-14-58, Cl. 250—71.
- Switzer, Robert E. Single occupant roundabout. 2,839,297, 6-17-58, Cl. 272—33.
- Switzer, Robert L.: *See*—
Liefers, William C., Riddick, and Switzer. 2,834,658.
- Swofford, Marvin K.: *See*—
Wright, Marion F., and Swofford. 2,826,253.
- Sword, Carl R., 50% to L. J. Haile. Knockdown sawhorse. 2,829,927, 4-8-58, Cl. 304—5.
- Syak, Charles W., to Trumbull Development Corp. Tilttable office chair. 2,818,911, 1-7-58, Cl. 155—77.
- Syco Mfg. Co., Inc.: *See*—
Yavner, Sylvan. 2,855,814.
- Sydow, Herbert: *See*—
Fischer, Karl, and Sydow. 2,850,396.
- Syeles, Albert M.: *See*—
Adams, Edmond, Hubbard, and Syeles. 2,825,670.
Adams, Edmond, Syeles, and Hubbard. 2,864,734.
- Syers, Manuel C., Sr. Cotton sample cutter. 2,866,504, 12-30-58, Cl. 164—75.
- Sykes, Charles J., and G. E. Wimmer. Can opener. 2,825,963, 3-11-58, Cl. 30—4.
- Sykes, Clarke C.: *See*—
De Coriolis, Ernest G., Sykes, and Hanna. 2,852,095.
- Sykes, Langthorne, to United States of America, Navy. Transistor integrator. 2,860,260, 11-11-58, Cl. 307—88.5.
- Sykes, Thomas R., to The Toronto Star Ltd. Machine for wrapping bundles or stacks of newspapers. 2,860,462, 11-18-58, Cl. 53—66.
- Sykes, W. E., Ltd.: *See*—
Calderwood, Thomas E. 2,836,014.
- Sykakis, George J. Combined conveyors of continuous motion. 2,830,712, 4-15-58, Cl. 214—1.
- Syler, Harrison B. Disc-dialing keyless lock. 2,839,914, 6-24-58, Cl. 70—156.
- Sylvan, Joseph. Window frame and sash assembly. 2,818,919, 1-7-58, Cl. 160—91.
- Sylvania Electric Products Inc.: *See*—
Adams, John E. 2,845,578.
Adams, John E. 2,849,655.
Adams, John E. 2,864,034.
Addleman, Lloyd A. 2,864,003.
Anderson, Lester F., Bennett, and Wellendorf. 2,865,186.
Arnold, Charles E., and Stites. 2,832,928.
Barr, Francis A. 2,859,794.
Barr, Francis A. 2,863,720.
Bender, Harry. 2,838,390.
Bergin, Martha J. 2,841,562.
Berman, Irvin. 2,859,394.
Biggs, Orrick H., and Davis. 2,859,368.
Biggs, Orrick H., and Reed. 2,862,125.
Black, James F. 2,845,553.
Blattner, Emil H. 2,850,175.
Blattner, Emil H. 2,850,177.
Blickwedel, Theodore W., and Rhyne. 2,831,140.
Bouchard, George H., and Dombrowski. 2,824,992.
Bowerman, Edwin R. 2,854,348.
Bowerman, Edwin R., and Saubestre. 2,829,097.
Bowerman, Edwin R., and Saubestre. 2,851,406.
Bowie, Robert M. 2,827,591.
Bowie, Robert M. 2,837,734.
Bowie, Robert M. 2,847,597.
Buescher, William E., Kerstetter, and Kingsley. 2,822,080.
Bullers, John E., and Moses. 2,821,810.
Burns, Laurence. 2,864,966.
Burroughs, William W. 2,866,085.
Butler, Keith H. 2,824,072.
Butler, Keith H. 2,826,553.
Caras, Bernard, and Wheeler. 2,843,784.
Carlzen, Carl F., Lehner, and Wagner. 2,863,131.
Cheatle, Wilfred R. 2,841,201.
Chilton, George E., and West. 2,850,645.
Clarke, Edward N. 2,859,140.
Cline, James E., and Jasonis. 2,844,868.
Cole, Dana W. 2,828,451.
Coltrin, Gene A. 2,843,445.
Court, Patrick R. J. 2,849,612.
Crosby, Alton L., and Roeber. 2,855,016.
Culp, John W., Koskos, and Wheeler. 2,829,296.
Curtis, Russell E. 2,861,249.
Davis, Joseph E. 2,854,505.
Dawson, Maynard H., and Rasmanis. 2,850,412.
De Lucia, Marion S. 2,850,619.
Dobson, Harold R. 2,840,703.
Dodge, Erle H., and Gartner. 2,842,290.
Dombrowski, Joseph A. 2,851,374.
Doron, Richard S., and Yeo. 2,823,815.
Drees, Joseph M., and Jones. 2,836,370.
Dymon, Joseph J. 2,820,184.
Dymon, Joseph J., and Bartels. 2,852,448.
Dymon, Joseph J., and Saubestre. 2,851,405.
Eisenberg, Philip H. 2,827,398.
Eisenberg, Philip H. 2,827,399.
Eisenberg, Philip H., and Raleigh. 2,827,400.
Eisenberg, Philip H., and Raleigh. 2,828,227.
Eisenberg, Philip H., and Raleigh. 2,829,059.
Eldredge, Earle E., and Jordan. 2,865,994.
Elwell, David K. 2,861,250.
Evans, Lyle W. 2,833,948.
Feinstein, Lester. 2,830,202.
Ferguson, David S. 2,825,809.
Fink, William C., Lynn, and Nordstrom. 2,864,678.
Finn, George B., Jr., and Mayburg. 2,844,460.
Gaenzle, John B. 2,837,683.
Gartner, Stanley J. 2,821,825.
Gartner, Stanley J., and Roeber. 2,826,004.
Gates, Paul E. 2,819,422.
Gates, Paul E. 2,825,856.
Gates, Paul E. 2,865,082.
Golden, Norman J. 2,833,986.
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Gray, Samuel M., Fellows, and Reed. 2,859,381.
Haas, Paul. 2,824,990.
Harmon, John J. 2,865,003.
Harris, Hunter C., Jr. 2,834,956.
Harrison, Richard I. 2,843,733.
Harrison, Richard I. 2,845,690.
Harvey, Norman L. 2,842,764.
Hemphill, Frederick A., and Kautz. 2,833,952.
Henisch, Heinz K. 2,856,553.
Henisch, Heinz K. 2,859,407.
Hoffman, Milton C. 2,843,596.
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- Hunt, Robert E. 2,849,106.
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 Iversen, Arthur H. 2,837,675.
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 James, Kenneth, and Stacey. 2,855,326.
 Johnson, Alfred D., and Collins. 2,864,935.
 Jordan, Archie D. 2,822,518.
 Kates, Leonard W. 2,857,289.
 Kern, Dale R. 2,858,437.
 Kerstetter, Donald R. 2,837,423.
 Kerstetter, Donald R., Buescher, and Garrett. 2,843,781.
 Kerstetter, Donald R., and Wennin. 2,843,517.
 Kopelman, Bernard. 2,822,307.
 Kopelman, Bernard. 2,829,321.
 Koskos, Paul, and Isale. 2,822,498.
 Koury, Frederic. 2,820,931.
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 Laubscher, Paul R. 2,829,941.
 Levine, Albert K. 2,840,470.
 Levy, Stephen L. 2,840,710.
 Longacre, Henry C. M. 2,827,587.
 Lowell, William P., Jr. 2,861,218.
 Lyle, Robert A. 2,864,205.
 Mager, Eric L. 2,848,637.
 Mager, Eric L. 2,866,118.
 Martin, Donald B. 2,855,512.
 Matarese, John. 2,866,922.
 Miller, Charles L. 2,864,204.
 Mintzer, John H. 2,841,766.
 Mooney, Richard W. 2,865,862.
 Morin, Joseph R., and Theriault. 2,863,094.
 Moses, Chauncey L. 2,855,088.
 Pace, Charles J. 2,850,714.
 Payne, Elmer C. 2,838,715.
 Peek, Sandford C., Jr. 2,842,698.
 Peek, Sandford C., Jr. 2,866,906.
 Pifer, Marion J. 2,837,633.
 Quigley, Francis T., and Bisso. 2,837,673.
 Rinn, Frederick H. 2,843,787.
 Roerber, Henry W. 2,829,761.
 Roerber, Henry W. 2,829,782.
 Roerber, Henry W. 2,843,272.
 Rosenblatt, Alexander, and Burfield. 2,837,880.
 Rosenblatt, Alexander, and Pfefferle. 2,862,529.
 Rug, John P. 2,825,804.
 Rumsey, Howard L. 2,828,378.
 Sabine, Laurie H., and Willey. 2,856,269.
 Sandor, Aurelius. 2,860,271.
 Sandor, Aurelius. 2,866,919.
 Saubestre, Edward B., and Bowerman. 2,829,098.
 Schrecongost, Ray. 2,820,894.
 Selvin, Gerald J., and Van der Veer. 2,850,140.
 Shappell, Stanley C. 2,838,297.
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 Shaw, Robert E., Walker, and Quinn. 2,864,938.
 Slobbe, Walter W. 2,819,182.
 Smullin, Louis D. 2,845,577.
 Snyder, William S., and Willardson. 2,841,759.
 Squires, William K. 2,819,334.
 Squires, William K. 2,844,798.
 Stateman, Murray J. 2,841,645.
 Stover, Gerald A., and Walts. 2,833,434.
 Terry, Roger M., and Gardner. 2,838,075.
 Thalner, Robert R. 2,833,961.
 Theodosopoulos, James, and Zack. 2,863,796.
 Thomas, Ralph B. 2,857,578.
 Wagner, Howard A., and Anderson. 2,866,171.
 Watson, William R. 2,840,488.
 Weindorf, David R. 2,850,663.
 Whiting, William E. 2,837,429.
 Wiley, Verlis H. 2,821,566.
 Wroblewski, Theodore, and Zack. 2,850,707.
 Yando, Stephen. 2,825,029.
 Yeo, Ernest E. 2,864,485.
 Yeo, Ernest E., Drown, and O'Brien. 2,836,313.
 Yeo, Ernest E., and Maloney. 2,860,760.
 Sylvest, Karl J., to F. L. Smith & Co. Method and apparatus for counter-current heat exchange. 2,866,625, 12-30-58, Cl. 257-55.
 Sylvest, Edmund Q., to Griffin Wheel Co. Wheel mold. 2,819,501, 1-14-58, Cl. 22-91.
 Sylvest, Edmund Q., to Griffin Wheel Co. Casting apparatus. 2,847,739, 8-19-58, Cl. 22-68.
 Sylvest, Edwin E., and S. H. Peck, to B. B. Chemical Co. Pressure-sensitive adhesive compositions for tape and methods for dispensing same. 2,861,899, 11-25-58, Cl. 117-103.
 Sylvester, Frederick H.: *See*—
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 Blattner, Emil H. 2,830,857.
 Blattner, Emil H. 2,839,341.
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 Gavin, William W. 2,840,119.
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 Symon, Alexander, N. F. Harpur, C. J. E. Carter, and J. M. Williams, to Bristol Aircraft Ltd. Mechanical and hydraulic remote control systems. 2,838,950, 6-17-58, Cl. 74-469.
 Symonds, Henry R. Label holding attachment for typewriters. 2,828,848, 4-1-58, Cl. 197-136.
 Symons, Arthur H., deceased; Continental Illinois National Bank and Trust Co. of Chicago, executor, to Symons Clamp & Mfg. Co. Scaffold. 2,842,408, 7-8-58, Cl. 30-40.
 Symons Clamp & Mfg. Co.: *See*—
 Imonetti, John E., Schimmel, and Symons. 2,826,801.
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 Carmichael, Thomas F. 2,836,940.
 Carmichael, Thomas F. 2,852,647.
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 Djerassi, Carl, Sondheimer, Sandoval, and Rosenkranz. 2,861,085.
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 Ringold, Howard J., and Rosenkranz. 2,844,602.
 Ringold, Howard J., and Rosenkranz. 2,852,537.
 Rosenkranz, George, and Batres. 2,826,593.
 Rosenkranz, George, and Djerassi. 2,825,735.
 Rosenkranz, George, and Djerassi. 2,840,555.
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 Sondheimer, Franz, and Rosenkranz. 2,827,469.
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 Fearn, Richard L. 2,818,631.
 Fearn, Richard L. 2,857,499.
 Guthrie, Richard W. 2,857,888.
 Philippovic, Joachim W. 2,854,594.
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 Smith, Cleveland S. 2,819,433.
 Spurlin, William V. 2,821,292.
 Spurlin, William V. 2,861,778.
 Sypher, Earle K. Tack strip nailer. 2,845,103, 7-29-58, Cl. 145-46.
 Syracuse, Steven. Power lift attachment for trucks. 2,831,592, 4-22-58, Cl. 214-513.
 Syrb, Max, to Brown, Boveri & Cie., Akt. Reset magnetic amplifier controlled rectifier and inverter apparatus. 2,857,563, 10-21-58, Cl. 321-25.
 Syson, Richard H., to English Racing Automobiles Ltd. Fuel supply systems for engines. 2,863,435, 12-9-58, Cl. 123-119.
 System Analyzer Corp.: *See*—
 Koll, Robert E., and Ronk. 2,832,925.
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 Sanders, Leon D. 2,845,189.
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 Szaloki, Zoltan, to Whitin Machine Works. Machine for opening and cleaning textile fibers. 2,836,858, 6-3-58, Cl. 19-91.
 Szappanyos, Alexander, to The Detroit Edison Co. Wire cutter. 2,863,214, 12-9-58, Cl. 30-131.
 Szarejko, Alexander, Jr.: *See*—
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 Szarvasi, Etienne: *See*—
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 Szasz, Nandor, to General Mills, Inc. Milling process for wheat and similar granular food products. 2,847,167, 8-12-58, Cl. 241-5.
 Szczepanek, John. Air compressor or pump. 2,854,928, 10-7-58, Cl. 103-123.
 Szechtman, Joshua, to Amroc Inc. Wall structures for electrolytic cells. 2,820,755, 1-21-58, Cl. 204-219.
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 Szechtman, Joshua, to Amroc Inc. Devices for the propulsion of mercury through a conduit. 2,848,409, 8-19-58, Cl. 204-220.

- Szegho, Constantin S.: *See—*
 Andursky, Mark E., Noskowitz, and Szegho. 2,864,032.
 Fiore, Joseph P., and Szegho. 2,861,206.
- Szegho, Constantin S., to The Rauland Corp. Cathode-ray tubes. 2,843,777, 7-15-58, Cl. 313-92.
- Szegho, Constantin S., and W. O. Reed, to The Rauland Corp. Image converter tubes. 2,824,247, 2-18-58, Cl. 313-65.
- Szegho, Constantin S., and W. O. Reed, to The Rauland Corp. Image converter tubes. 2,824,248, 2-18-58, Cl. 313-66.
- Szegho, Constantin S., and W. O. Reed, to The Rauland Corp. Image converter tubes. 2,825,834, 3-1-58, Cl. 313-66.
- Szegho, Constantin S., and W. O. Reed, to The Rauland Corp. Image converter tube. 2,839,699, 6-17-58, Cl. 313-66.
- Szeglin, Andrew: *See—*
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- Szegvari, Andrew, to Cleviste Corp. Magnetizable bands. 2,862,845, 12-2-58, Cl. 154-53.6.
- Szekely, Ivan: *See—*
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- Szekely, O. E., & Associates, Inc.: *See—*
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 Szekely, Otto E. 2,835,892.
- Szekely, Otto E., to O. E. Szekely & Associates, Inc. Antenna using single motor for rotation and nod. 2,835,892, 5-20-58, Cl. 343-766.
- Szent-Györgyi, Albert, and J. Blum, to Ivan Sorvall, Inc. Centrifuging apparatus and system. 2,834,541, 5-13-58, Cl. 233-26.
- Szerenyi, Andrew: *See—*
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 Rollman, Heinz, Szerenyi, and Kaufman. 2,826,832.
- Szigeti, Elemér. Piston ring. 2,846,281, 8-5-58, Cl. 309-46.
- Szigeti, György: *See—*
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- Szika, Ferenc: *See—*
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- Sziklai, George C., to Radio Corp. of America. Phase controlled oscillators. 2,853,546, 9-23-58, Cl. 178-5.4.
- Sziklai, George C., to Radio Corp. of America. Electronically controlled magnetic recording and producing apparatus. 2,857,458, 10-21-58, Cl. 178-6.6.
- Sziklai, George C., to Radio Corp. of America. Wide band signal amplifier circuit. 2,866,858, 12-30-58, Cl. 179-171.
- Sziklai, George C., and G. B. Herzog, to Radio Corp. of America. Semiconductor devices and systems. 2,851,615, 9-9-58, Cl. 307-88.5.
- Sziklai, George C., and A. B. Bedford, to Radio Corp. of America. Signal transmission system. 2,852,608, 9-16-58, Cl. 179-15.
- Szilard, Leo: *See—*
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- Szilard, Leo, to United States of America, Atomic Energy Commission. Heavy water moderated neutronic reactor. 2,832,733, 4-29-58, Cl. 204-193.2.
- Szilard, Leo, and G. J. Young, to the United States of America as represented by the United States Atomic Energy Commission. Neutronic reactor and fuel element therefor. 2,825,689, 3-4-58, Cl. 204-193.2.
- Szlaga, Emil V.: *See—*
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- Szlaga, Emil V., to Continental Motors Corp. Timing device for fuel injection pump. 2,858,683, 11-4-58, Cl. 64-25.
- Szmukler, Constantin, and A. Vintraud, to Becton, Dickinson and Co. Medical puncturing needle. 2,864,365, 12-16-58, Cl. 128-221.
- Szmuszkowicz, Jacob: *See—*
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- Szmuszkowicz, Jacob, to The Upjohn Co. Methyl reserpate *o*-triacytylschikimate. 2,819,271, 1-7-58, Cl. 260-287.
- Szmuszkowicz, Jacob, to The Upjohn Co. γ -(3-indolyl)- γ -keto-propyl phosphonic acids. 2,849,454, 8-26-58, Cl. 260-319.
- Szuecs, Joseph. Method of growing mushroom mycelium and the resulting products. 2,850,841, 9-9-58, Cl. 47-1.1.
- Szumski, John P.: *See—*
 Hofferbert, Raymond P., Szumski, and McKay. 2,823,157.
- Szwarcberg, Chaim H. Implements for cutting hair. 2,822,611, 2-11-58, Cl. 30-195.
- Szwargulski, Jesse L., to ACF Industries, Inc. Automatic choke latch. 2,834,586, 5-13-58, Cl. 261-39.
- Szydlowski, Joseph. Combustion chamber with diverse combustion and diluent air paths. 2,856,755, 10-21-58, Cl. 60-39.36.
- T and C Mfg. Co.: *See—*
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- TKM Electric Corp.: *See—*
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 Kober, William. 2,831,205.
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- T. M. M. (Research) Ltd.: *See—*
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- T & S Brass & Bronze Works, Inc.: *See—*
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- Tab Co., Inc.: *See—*
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- Tabata, Clarence K.: *See—*
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- Tabbert, Donna S., to Abbott Laboratories. Flexible container with integral sample tube. 2,834,345, 5-13-58, Cl. 128-214.
- Tabbutt, Harold J.: *See—*
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- Taber, Russell E. Display device. 2,852,143, 9-16-58, Cl. 211-49.
- Tabern, Donalee L., and R. H. Storey, to Abbott Laboratories. Container. 2,857,524, 10-21-58, Cl. 250-106.
- Tabet Mfg. Co., Inc.: *See—*
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 Turner, William L. 2,832,901.
- Tabet, Michael A., to Tabet Mfg. Co., Inc. Rotary switch with removable units. 2,841,660, 7-1-58, Cl. 200-14.
- Tablet & Ticket Co., The: *See—*
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- Tabor, Dewey W.: *See—*
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- Tabor, Warner H.: *See—*
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- Tacchella, Adolph A., and A. N. Anderson. Steam separator. 2,825,317, 3-4-58, Cl. 123-41.23.
- Taccone Pneumatic Foundry Equipment Corp.: *See—*
 Taccone, Russell W. 2,830,338.
 Taccone, Russell W. 2,830,339.
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 Taccone, Russell W. 2,864,136.
- Taccone, Russell W., to Taccone Pneumatic Foundry Equipment Corp. Core box. 2,830,338, 4-15-58, Cl. 22-13.
- Taccone, Russell W., to Taccone Pneumatic Foundry Equipment Corp. Molding machine. 2,830,339, 4-15-58, Cl. 22-40.
- Taccone, Russell W., to Taccone Pneumatic Foundry Equipment Corp. Molding machine with roller strike off. 2,852,820, 9-23-58, Cl. 22-46.
- Taccone, Russell W., to Taccone Pneumatic Foundry Equipment Corp. Combination lateral and vertical pressure diaphragm molding machine. 2,864,136, 12-16-58, Cl. 22-42.
- Tack, Carl E., to American Steel Foundries. Axle assembly. 2,819,062, Cl. 267-8.
- Tack, Carl E., to American Steel Foundries. Axle assembly. 2,819,894, 1-14-58, Cl. 267-9.
- Tack, Carl E., to American Steel Foundries. Snubbed spring group. 2,819,895, 1-14-58, Cl. 267-9.
- Tack, Carl E., to American Steel Foundries. Hand brake linkage. 2,820,529, 1-21-58, Cl. 188-59.
- Tack, Carl E., to American Steel Foundries. Clasp brake. 2,827,984, 3-25-58, Cl. 188-56.
- Tack, Carl E., to American Steel Foundries. Tread brake arrangement. 2,844,221, 7-22-58, Cl. 188-46.
- Tack, Carl E., F. E. Bachman, and G. W. Crabtree, to American Steel Foundries. Rotor brake actuating mechanism. 2,859,838, 11-11-58, Cl. 188-59.
- Tackaberry, Robert B., and R. M. Muller, to American Optical Co. Telescope eyepiece system. 2,829,560, 4-8-58, Cl. 88-57.
- Tacke, Louis: *See—*
 Froggatt, William H., Tacke, and Conniff. 2,822,970.
- Tackitt, Robert E., $\frac{1}{2}$ to E. L. Whittington. Typographical composing and casting machines. 2,839,182, 6-17-58, Cl. 199-59.
- Taco Heaters, Inc.: *See—*
 Balter, Joseph. 2,823,693.
- Tacvorlan, Skon, M. Leveque and R. Leclerc, to Office National d'Etudes et de Recherches Aeronautiques. Sintered refractory material. 2,829,427, 4-8-58, Cl. 29-18.5.
- Tadano, Bunya: *See—*
 Kimura, Hiroichi, Tadano, and Morito. 2,858,443.
- Tadema, Harco J.: *See—*
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- Taegtstroem, Ingemar R. V.: *See—*
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- Taff, Wilfred O.: *See—*
 Welty, Albert B., Jr., Taff, MacLaren, and Gornowski. 2,856,351.
- Taffe, Louise: *See—*
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- Taft, Ernest A., Jr., and F. H. Horn, to General Electric Co. Silicon semiconductive devices. 2,847,544, 8-12-58, Cl. 201-63.
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Stead, Clifford. 2,819,905.
- Taggart, Robert E., and J. C. Travis, to Lynch Corp. Wrapping machine. 2,822,652, 2-11-58, Cl. 53—225.
- Taggart, Wilmer E., to Riley Stoker Corp. Steam generating apparatus. 2,824,551, 2-25-58, Cl. 122—459.
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- Taguti, Ryuzaburo: *See*—
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- Taine, Roger, and J. Pelissier. Carding devices. 2,835,929, 5-27-58, Cl. 19—99.
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- Tait, John N. H., to The Birmingham Small Arms Co. Ltd. Brakes for rotary motion. 2,857,991, 10-28-58, Cl. 188—259.
- Tait Mfg. Co., The: *See*—
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- Takakita, Akira: *See*—
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- Take, Percival H. Tack welding electrode holder. 2,866,081, 12-23-58, Cl. 219—138.
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- Takeda Pharmaceutical Industries, Ltd.: *See*—
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- Hosokawa, Masuo, Yagi, and Naito. 2,849,355.
- Joyama, Tokio. 2,846,439.
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- Taksa, Sam I. Reversible necktie. 2,834,967, 5-20-58, Cl. 2—155.
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- Talbot, Cyrus G. and J. F. Signal hand lamps. 2,861,174, 11-18-58, Cl. 240—10.63.
- Talbot, James E., to American Viscose Corp. Rayon shipping carton. 2,818,974, 1-7-58, Cl. 206—65.
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- Talbott, David R. Power driven rotary surfacing machine for concrete and the like. 2,862,427, 12-2-58, Cl. 94—45.
- Talbott, Eldred A. Multiple tile unit. 2,844,955, 7-29-58, Cl. 72—22.
- Talbott, William G. Packer for use in oil wells and like. 2,841,225, 7-1-58, Cl. 166—140.
- Talboys, Henry H., to Nordberg Mfg. Co. Tie drill. 2,825,372, 3-4-58, Cl. 144—92.
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- Talboys, Henry H., to Nordberg Mfg. Co. Track working machine. 2,859,706, 11-11-58, Cl. 105—157.
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- Talco Engineering Co., Inc.: *See*—
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- Talge, Foster L.: *See*—
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- Taliento, Anthony. Steam pressing machine valve assembly. 2,819,036, 1-7-58, Cl. 251—260.
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- Tallent, Benjamin F., to Owens-Illinois Glass Co. Machine for molding glass articles. 2,853,835, 9-30-58, Cl. 49—37.
- Tallis, Ernest E.: *See*—
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- Tallman, Laurence C.: *See*—
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- Tallquist, Axel A.: *See*—
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- Tally, Sidney K., and V. F. Dahlgren. Apparatus for assembling modules. 2,835,962, 5-27-58, Cl. 29—203.
- Talmage, Franklin E., and M. Feryszka, to Radio Corp. of America. Vacuum tube input circuit. 2,843,803, 7-15-58, Cl. 315—107.
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Van Amburg, William F. 2,830,349.
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- Talpey, Thomas E., Bell Telephone Laboratories, Inc. Electron discharge devices. 2,843,786, 7-15-58, Cl. 313—294.
- Talsma, William. Packaging fixture. 2,865,157, 12-23-58, Cl. 53—261.
- Taltavall, John A., Jr., to National Lead Co. Mechanical seal for pumps. 2,863,680, 12-9-58, Cl. 286—11.15.
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- Tama, Mario, to Ajax Engineering Corp. Article metal coating. 2,834,692, 5-13-58, Cl. 117—93.
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- Tamarin, Bernard J. Portable vacuum cleaner construction including a base and cord-reel. 2,825,086, 3-4-58, Cl. 15—323.
- Tamarin, Bernard J. Tapeless unfoldable closure for cigarette packages. 2,844,298, 7-22-58, Cl. 229—51.
- Tamarin, Bernard J. Package with tear tab opening means. 2,845,213, 7-29-58, Cl. 229—51.
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- Tamblin, Jack W.: *See*—
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- Tamblin, John W.: *See*—
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- Tamburelli, Giovanni, to Societa Telefonica Interregionale Piemontese e Lombarda. Negative impedance amplifier with separate input and output particularly for telephone systems. 2,855,575, 10-7-58, Cl. 333—80.
- Tamburr, Owen J.: *See*—
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- Tames, Daniel. Surgical gowns. 2,846,686, 8-12-58, Cl. 2—114.
- Tamm, Konrad: *See*—
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- Tammen, Fred B., and A. J. Metz, to Bettendorf Bakery Equipment Co. Blade grinding means. 2,841,932, 7-8-58, Cl. 51—250.

- Tammen, Glenn W., to St. Joe Machines, Inc. Portable utility. 2,860,224, 11-11-58, Cl. 219-19.
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- Tanaka, Eiji: See—
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- Tanaka, Yusuke: See—
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- Tancred, William L., to Underwood Corp. Sequential inspection means for a preset sample. 2,827,231, 3-18-58, Cl. 235-61.
- Tancred, William L., to J. H. Reid, and S. W. Fellon, trustees. Computing machines. 2,845,218, 7-29-58, Cl. 235-60.
- Tancred, William L. Tens transfer mechanism for a bifurcated-actuator adding and subtracting machine. 2,851,217, 9-9-58, Cl. 235-60.
- Tancred, William L., to The W. N. Borg Corp. Relay. 2,863,103, 12-2-58, Cl. 317-197.
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- Tancredi, Charles. Puppets, dummies, marionettes and the like. 2,818,679, 1-7-58, Cl. 46-135.
- Tancredi, Kenneth T.: See—
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- Tangard, Einar E.: See—
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- Tangard, Einar E., to Combustion Engineering, Inc. Weight-operated latch. 2,851,287, 9-9-58, Cl. 285-88.
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- Tanguy, Denis R., to Schlumberger Well Surveying Corp. Memorizing system. 2,842,852, 7-15-58, Cl. 33-125.
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- Taniguchi, Kanji: See—
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- Tank, Lawrence E., to Aircraft Armaments, Inc. Printed circuit delay line. 2,832,935, 4-29-58, Cl. 333-29.
- Tank, William T.: See—
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- Tanke, Willard H., to Allis-Chalmers Mfg. Co. Quick hitch system. 2,834,277, 5-13-58, Cl. 97-47.14.
- Tanke, Willard H., and W. G. Charley, to Allis-Chalmers Mfg. Co. Draft means and depth control for ground working implements. 2,842,040, 7-8-58, Cl. 97-47.54.
- Tankee Engineering Co., Inc.: See—
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- Tann Corp.: See—
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- Tann, Fred A.: See—
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- Tann, William E., to The Firestone Tire & Rubber Co. Neoprene cement containing H₂S as cure accelerator. 2,819,254, 1-7-58, Cl. 260-79.5.
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- Tannenbaum, Nicolas: See—
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- Tannenbaum, Wesley, J. F. Cleary, E. Hudes, and A. L. Goldstein, to Arco Mfg. Corp. Means for and method of driving tape. 2,865,631, 12-23-58, Cl. 271-2.3.
- Tanner, Charles A., Jr., and W. J. Cauwenberg, to American Cyanamid Co. Production of purified titanium dioxide pigment. 2,842,428, 7-8-58, Cl. 23-202.
- Tanner, Stanley R., and R. L. Burr, to The Decca Record Co. Ltd. Radar systems. 2,834,955, 5-13-58, Cl. 343-5.
- Tanner, Troy. Auxiliary chair. 2,834,401, 5-13-58, Cl. 155-131.
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- Tannoy Ltd.: See—
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- Tans, Lester F. Mechanic's ladders. 2,848,150, 8-19-58, Cl. 228-36.
- Tan-Sad Chair Co. (1931) Ltd., The: See—
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Thompson, Stanley H. A. 2,865,429.
- Tansley, Leslie R., to White Castle System, Inc. Mechanism for supporting and uniting rolls composed of spirally wrapped webs. 2,847,264, 8-12-58, Cl. 312-38.
- Tanway Ltd.: See—
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- Tanzer, Gerhard, to VEB Keramentawerk. Artificial molar. 2,849,794, 9-2-58, Cl. 32-8.
- Tanzer, Martin L.: See—
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- Tanzola, William A.: See—
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- Taormina, Frank T., and J. M. Molinaro. Rigid multi-section awning. 2,835,324, 5-20-58, Cl. 160-132.
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- Taplin, John F. Flexible fluid sealing diaphragm. 2,849,026, 8-26-58, Cl. 137-795.
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- Tapp, Harry F., to Gilbert & Barker Mfg. Co. Liquid pumping apparatus. 2,843,048, 7-15-58, Cl. 103-87.
- Tapp, Harry F., and T. J. Mesh, to Gilbert & Barker Mfg. Co. Low sensitivity servo-control system. 2,855,552, 10-7-58, Cl. 318-31.
- Tapp, James S., to The Chemstrand Corp. Flexible nylon tube and method for preparing same. 2,836,181, 5-27-58, Cl. 128-334.
- Tapp, Presley W.: See—
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- Tappan Co., The: See—
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- Taraldsen, David L. Trailer for hauling automobiles and other cargo. 2,834,631, 5-13-58, Cl. 296-1.
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- Tarantur, Sam, to Admiral Corp. Demodulator. 2,846,578, 8-5-58, Cl. 250-27.
- Tarara, Stephen, and P. E. Oberg. Coil winder. 2,865,573, 12-23-58, Cl. 242-4.
- Tarbet, Edith: See—
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- Tarbox, John P., to Sperry Rand Corp. Barrel knot tier for wire and twine. 2,863,380, 12-9-58, Cl. 100-23.
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- Tardieu, Pierre: See—
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- Tardieu, Pierre, to Pechiney. Compagnie de Produits Chimiques et Electrometallurgiques. Manufacture of manganese in low-stack blast furnace. 2,848,318, 8-19-58, Cl. 75-80.
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- Tarle, Emilé P., to The Singer Mfg. Co. Carrying cases for sewing machines. 2,856,726, 10-21-58, Cl. 45-68.2.
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- Tarr, Charles O.: *See*—
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- Tarr, Donald T., to the United States of America as represented by the Secretary of War. Rocket propellant support. 2,820,410, 1-21-58, Cl. 102-49.
- Tarsey, Alexandre R., and D. B. Davis, to Titanium Metals Corp. of America. Method of storing titanium sponge. 2,841,487, 7-1-58, Cl. 75-84.5.
- Tartaglia, Anthony S. Case. 2,822,951, 2-11-58, Cl. 220-19.
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Ward, Elmer F. 2,843,343.
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- Tasker, Raymond B.: *See*—
Green, David J., Tasker, and Cutler. 2,862,202.
- Tasker, Raymond B., and B. Cutler, to Gilfillan Bros., Inc. Sweep limiter. 2,832,953, 4-29-58, Cl. 343-11.
- Taslitt, Norman, to United States of America, Navy. Variable rate timer and programmer for firing machine guns. 2,831,402, 4-22-58, Cl. 89-28.
- Tassara, Luigi. Electric resistance element. 2,863,034, 12-2-58, Cl. 201-63.
- Tassie, John W. D., to Advance Glove Mfg. Co. Glove. 2,838,759, 6-17-58, Cl. 2-167.
- Tassie, Robert B.: *See*—
Bonnette, Rene W., and Tassie. 2,843,022.
- Tast-Y Sun-D Inc.: *See*—
Vollmer, Joseph G., Sr. 2,855,868.
- Tate, Donnie W. Method for making hoop skirts. 2,843,851, 7-22-58, Cl. 2-216.
- Tate, Edward E.: *See*—
Kaye, Philip, and Tate. 2,865,039.
- Tateishi, Arthur K. Control device for a reciprocating electric fan. 2,836,350, 5-27-58, Cl. 230-259.
- Tateishi, Kazuma. Snap switch for direct current. 2,849,580, 8-26-58, Cl. 200-147.
- Tatge, Harlan H. Hog oiler. 2,825,305, 3-4-58, Cl. 119-157.
- Tatham, Thomas H., Jr., to General Dynamics Corp. Decoding and information indicating device. 2,829,302, 4-1-58, Cl. 315-8.5.
- Tatman, James L. Safety for firearms. 2,821,040, 1-28-58, Cl. 42-70.
- Tatom, K. D.: *See*—
McDonald, Earl. 2,826,806.
- Tatom, Lou: *See*—
McDonald, Earl. 2,826,806.
- Tatsch, Richard. Slip together-snap together convector and conductive conduit means. 2,863,606, 12-9-58, Cl. 237-69.
- Tatter, Ernest O. P., to Warwick Mfg. Corp. Multispeed friction drive mechanism. 2,847,862, 8-19-58, Cl. 74-199.
- Tattersall, John O.: *See*—
Gimson, Cyril F., and Tattersall. 2,841,032.
- Tatum, Hopkins W.: *See*—
Ulvild, George B., Tatum, and Hopkins. 2,862,962.
- Tatum, Joseph F. Automatic pressure booster. 2,830,616, 4-15-58, Cl. 137-484.2.
- Taub, David, and N. L. Wendler, to Merck & Co., Inc. Ring A brominated intermediates and process of preparing 1,4-pregnadiene-11 β ,17 α ,21-triol-3,20-dione. 2,856,416, 10-14-58, Cl. 260-397.45.
- Taube, Karl, W. Benade, and O. Weber, to Farbenfabriken Bayer Aktiengesellschaft. Water-soluble dicyandiamide-formaldehyde condensates. 2,828,288, 3-25-58, Cl. 260-69.
- Taube, Mortimer. Coded record card. 2,858,073, 10-28-58, Cl. 235-61.12.
- Tauben, Daniel. Electric medicinal vaporizer. 2,847,734, 8-19-58, Cl. 21-119.
- Tauber, Gustave M., to Leeds and Northrup Co. Apparatus for handling work in a furnace. 2,842,352, 7-8-58, Cl. 260-4.
- Tauber, Rudolf. Tab applying machine. 2,851,932, 9-16-58, Cl. 93-1.
- Tauch, Ernest J., to E. I. du Pont de Nemours and Co. Two-stage process for sulfamic acid manufacture. 2,851,336, 9-9-58, Cl. 23-166.
- Taunton, Gerald, to Wilts United Dairies Ltd. Means for sealing materials by heat. 2,859,796, 11-11-58, Cl. 154-42.
- Taupin, André. Lock. 2,835,272, 5-20-58, Cl. 137-614.13.
- Tausch, Gilbert H., to Esso Research and Engineering Co. Permanent well completion apparatus. 2,822,048, 2-4-58, Cl. 166-114.
- Tausch, Gilbert H., to Jersey Production Research Co. Apparatus for flowing fluid material in a well. 2,864,449, 12-16-58, Cl. 166-115.
- Tausch, Gilbert H., and J. R. Dublin, III, to Jersey Production Research Co. Valve for use in well tubing. 2,855,952, 10-14-58, Cl. 137-508.
- Tauschek, Max J.: *See*—
Newton, John A., and Tauschek. 2,865,359.
- Tavannes Watch Co., S. A.: *See*—
Maire, Georges. 2,857,733.
- Tavares, Arthur: *See*—
Morris, Louis, Jr. 2,859,491.
- Tavares, Ernest A. Sound producing system. 2,820,526, 1-21-58, Cl. 181-31.
- Tavender, Walter K.: *See*—
Reimers, Alfred E., Tavender, and McCormack. 2,839,195.
- Taves, Milton A., to Hercules Powder Co. α -hydroperoxyisopropylbenzoic acids, their salts and esters and method of preparation. 2,829,156, 4-1-58, Cl. 260-476.
- Tavis, John R., to Consolidated Electrodynamics Corp. Galvanometer. 2,844,793, 7-22-58, Cl. 324-154.
- Tavis, John R., and C. C. Taylor, to Consolidated Electrodynamics Corp. Galvanometer structure. 2,851,664, 9-9-58, Cl. 324-154.
- Tawney, Pliny O.: *See*—
Snyder, Robert H., and Tawney. 2,854,438.
- Tawney, Pliny O., to United States Rubber Co. Vulcanization of butyl rubber by 2,6-di(acyloxymethyl)-4-hydrocarbyl phenyl acylates. 2,825,720, 3-4-58, Cl. 260-85.3.
- Tawney, Pliny O., to United States Rubber Co. Vulcanization of butyl rubber by 2,6-di(alkoxymethyl)-4-hydrocarbyl phenols. 2,829,123, 4-1-58, Cl. 260-62.
- Tawney, Pliny O., to United States Rubber Co. Vulcanization of butyl rubber by 2,6-di(acyloxymethyl)-4-hydrocarbyl phenols. 2,830,970, 4-15-58, Cl. 260-62.
- Tawney, Pliny O., and G. H. Brice, to United States Rubber Co. Vulcanization of butyl rubber by 2,4,6-tris(acyloxymethyl)phenyl alkanoate. 2,829,132, 4-1-58, Cl. 260-85.3.
- Tax, Herman R. Method of making an orthopedic shoe. 2,838,776, 6-17-58, Cl. 12-142.
- Taylor, Albert G.: *See*—
McGibbon, Verdun R., Taylor, Bernard, and Freyberger. 2,827,430.
- Taylor, Albert L.: *See*—
McLeod, Helen, and Taylor. 2,853,850.
- Taylor, Allan J., to Northrop Aircraft, Inc. Roller and brake assembly. 2,848,242, 8-19-58, Cl. 280-29.
- Taylor, Arthur S., and W. P. Konazewski, to American Cyanamid Co. Method of slitting tissues. 2,850,763, 9-9-58, Cl. 17-45.
- Taylor, Arthur S., and E. R. Sandhage, to American Cyanamid Co. Apparatus for attaching metal vial seals. 2,850,859, 9-9-58, Cl. 53-310.
- Taylor, Ashton B. Collector shoe and conductor bus bar. 2,824,911, 2-25-58, Cl. 191-25.
- Taylor, Ashton B. Electrical trolley system support. 2,824,912, 2-25-58, Cl. 191-35.
- Taylor, Ashton B. Hanger for electrical trolley. 2,824,913, 2-25-58, Cl. 191-43.
- Taylor, Ashton B. Expansion joint for electrical trolley system. 2,831,071, 4-15-58, Cl. 191-44.1.
- Taylor Biscuit Co.: *See*—
Fazekas, Charles. 2,866,578.
- Taylor, Cecil C.: *See*—
Tavis, John R., and Taylor. 2,851,664.
- Taylor, Cecil H.: *See*—
Eames, James O., and Taylor. 2,831,557.
- Taylor, Cecil H., to United States of America, Army. Feeding mechanism for a firearm. 2,857,814, 10-28-58, Cl. 89-33.
- Taylor & Challen Ltd.: *See*—
Challen, John B. 2,828,637.
Challen, Henry D. 2,852,970.
- Taylor, Charles H., to Radio Corp. of America. Signal receiver muting circuits. 2,830,177, 4-8-58, Cl. 250-20.
- Taylor, Charles P., to Ideal Stencil Machine Co. Dispensing apparatus. 2,827,286, 3-18-58, Cl. 271-2.6.
- Taylor, Charles R. Lubricator. 2,823,768, 2-18-58, Cl. 184-7.
- Taylor, Chester G. Anti-condensation device for flush tanks. 2,830,612, 4-15-58, Cl. 137-337.
- Taylor, Clarence C.: *See*—
Leo, Herbert T., and Taylor. 2,824,007.
Leo, Herbert T., and Taylor. 2,865,761.
- Taylor, Clarence R. Caliper-beam compass. 2,832,141, 4-29-58, Cl. 33-27.
- Taylor, Clarence R. Container stabilizer. 2,851,185, 9-9-58, Cl. 215-100.
- Taylor, Daniel G.: *See*—
Boreli, George L., and Taylor. 2,836,783.
- Taylor, David C.: *See*—
Stites, Joseph G., Jr., and Taylor. 2,861,868.
- Taylor, Dora M. P.: *See*—
Taylor, Glen H. 2,850,023.
- Taylor, Douglas C.: *See*—
Morphis, Jehu. 2,836,144.
- Taylor, Douglas E.: *See*—
Jones, Lloyd R., and Taylor. 2,820,852.
- Taylor, Douglas E., R. H. Sherman, Jr., A. W. Skoog, and J. A. Rescanski, to Dictaphone Corp. Sound recording and reproducing apparatus. 2,847,223, 8-12-58, Cl. 274-4.
- Taylor, Douglas E., and L. R. Jones, to Dictaphone Corp. Dictation system. 2,857,475, 10-21-58, Cl. 179-100.1.

- Taylor, Dudley D., to United States of America, Navy. High pressure shaft packing. 2,860,894, 11-18-58, Cl. 286-7.
- Taylor, Edward A. Instruction and amusement device for teaching the art of sailing a boat. 2,855,702, 10-14-58, Cl. 35-11.
- Taylor, Edward F. Backfill tamper. 2,837,058, 6-3-58, Cl. 121-1.
- Taylor, Edwin W.: *See—*
La Porte, George C., Taylor, and Spence. 2,833,570.
- Taylor-Emmett Controls, Inc.: *See—*
Sutherland, Eugene B. 2,825,590.
- Taylor, Eric H. Thermally controlled electric switches. 2,825,785, 3-4-58, Cl. 200-113.
- Taylor, Ernest W., Jr., and P. Nielsen, to Industrial Brownhoest Corp. Combination crane and pile driver. 2,827,772, 3-25-58, Cl. 61-74.
- Taylor, Eugene V. Tablet dispenser. 2,865,533, 12-23-58, Cl. 221-199.
- Taylor, Floyd E., to Swift Electric Welder Co. Method of manufacturing vehicle wheels and the like. 2,830,168, 4-8-58, Cl. 219-91.
- Taylor, Floyd E., to Swift Electric Welder Co. Method of cutting-off and sealing tubing. 2,851,580, 9-9-58, Cl. 219-68.
- Taylor, Frank D. and J. L. Fyleman, to British Messier Ltd. Automatic cut-outs for hydraulic circuits. 2,828,760, 4-1-58, Cl. 137-115.
- Taylor, Frank H., to Leeds and Northrup Co. Temperature-measuring apparatus. 2,858,351, 10-28-58, Cl. 136-4.
- Taylor, Frank W., to H. C. Webb & Co. Ltd. Brakes for cycles. 2,864,466, 12-16-58, Cl. 188-24.
- Taylor, George C.: *See—*
Drummond, Bardwell S. 2,855,072.
- Taylor, George H., to Sperry Rand Corp. Electro-hydraulic servo system for steering dirigible craft. 2,864,239, 12-16-58, Cl. 60-52.
- Taylor, George H., Jr. Rotary internal combustion engine. 2,864,346, 12-16-58, Cl. 123-16.
- Taylor, George W., to Polygram Casting Co., Ltd. Apparatus for producing hollow moulded articles. 2,855,642, 10-14-58, Cl. 22-10.
- Taylor, George W., J. E. Worthington, and M. J. Sargeant, to Polygram Casting Co., Ltd. Apparatus for producing shell molds. 2,844,853, 7-29-58, Cl. 22-31.
- Taylor, Glen H., $\frac{1}{2}$ to D. M. P. Taylor. Toupee. 2,850,023, 9-2-58, Cl. 132-54.
- Taylor, Gordon W., to The Locomotive Finished Material Co. Railway traffic counter. 2,826,363, 3-11-58, Cl. 235-91.
- Taylor, Guy C., and C. S. Neathery, to Taylor Pharmaceutical Co. Methods of administering steroid hormone solutions. 2,856,329, 10-14-58, Cl. 167-58.
- Taylor, Harold E., to Alan Wood Steel Co. Patching of by-product coke oven tubular surfaces. 2,851,760, 9-16-58, Cl. 25-155.5.
- Taylor, Harry W.: *See—*
Daly, John L., Hall, and Taylor. 2,850,858.
Grebe, Chauncey L., Taylor, and Warner. 2,850,963.
- Taylor, Howard L., Jr.: *See—*
Gordon, Thurlow M., Jr., and Taylor. 2,823,578.
- Taylor, Hubert L.: *See—*
Kolthoff, Aage T., and Taylor. 2,818,649.
Kolthoff, Aage T., and Taylor. 2,826,815.
Kolthoff, Aage T., and Taylor. 2,855,675.
Kolthoff, Aage T., and Taylor. 2,855,676.
- Taylor, Humphrey G., deceased, by H. R. Powell and T. H. Wolverson, administrators. Ships' lifeboat davit. 2,831,204, 4-22-58, Cl. 9-38.
- Taylor Instrument Companies: *See—*
Aldridge, Clarence F., and Cook. 2,833,149.
Barr, Elliott M. 2,836,690.
- Taylor, James, and T. J. Reid, to Imperial Chemical Industries Ltd. Explosive compositions. 2,839,374, 6-17-58, Cl. 52-7.
- Taylor, James H., and D. W. Woodward, to E. I. du Pont de Nemours & Co. Polyvinyl acetal silver halide emulsion containing polyvinyl acetal color formers. 2,828,204, 3-25-58, Cl. 96-74.
- Taylor, James H. W.: *See—*
Woodcock, Raymond, Taylor, and Gladman. 2,851,676.
- Taylor, James L., and A. Abelson, to Sargent & Greenleaf, Inc. Key operable combination lock. 2,847,846, 8-19-58, Cl. 70-285.
- Taylor, Jeremy P.: *See—*
Dunlap, Kermit S., and Taylor. 2,859,282.
- Taylor, Jesse N., and T. C. Bertoglio. Razor blade sharpener. 2,866,363, 12-30-58, Cl. 76-89.2.
- Taylor, John A. H., and J. A. M. Grout, to George Kent, Ltd. Pen mountings for recording instruments. 2,860,028, 11-11-58, Cl. 346-139.
- Taylor, John B. Doughnut dispenser. 2,822,954, 2-11-58, Cl. 221-197.
- Taylor, John E.: *See—*
Finkel, Seymour I., and Taylor. 2,847,633.
Snyder, Jacob R., and Taylor. 2,819,920.
- Taylor, John E. M. Aircraft jet thrust control. 2,866,610, 12-30-58, Cl. 244-52.
- Taylor, John O., and R. R. Bergman, to American Type Founders Co., Inc. Electrostatic applying and holding device. 2,834,182, 5-13-58, Cl. 40-125.
- Taylor, John W.: *See—*
Bitterman, Marie L., and Taylor. 2,853,043.
- Taylor, John W., Jr., to United States of America, Navy. Linear sawtooth wave generator. 2,835,809, 5-20-58, Cl. 250-27.
- Taylor, Joseph W.: *See—*
Hosmer, Dee E. 2,828,144.
- Taylor, Julius D., to Abbott Laboratories. N-(pyrazinoyl)-glycine. 2,864,821, 12-16-58, Cl. 260-250.
- Taylor, Keith M., to Monsanto Chemical Co. Preparation of β , β -oxydipropionic acid. 2,837,567, 6-3-58, Cl. 260-535.
- Taylor, Kenneth M., to The Carborundum Co. Refractory body containing boron nitride. 2,839,413, 6-17-58, Cl. 106-14.
- Taylor, Kenneth M., to The Carborundum Co. Boron nitride-metal silicide bodies and the manufacture thereof. 2,854,736, 10-7-58, Cl. 29-182.5.
- Taylor, Kenneth M., to The Carborundum Co. Boron nitride shapes and method of making. 2,855,816, 10-7-58, Cl. 106-39.
- Taylor, Leon G. Boat trailer. 2,848,126, 8-19-58, Cl. 214-506.
- Taylor, Leta S.: *See—*
Morphis, Jehu. 2,836,144.
Morphis, Jehu, and Johnson. 2,828,625.
- Taylor, Louis: *See—*
Silvasy, John E., and Taylor. 2,834,674.
- Taylor Machine Works.: *See—*
Taylor, William A. 2,849,969.
- Taylor Mfg. Co., Inc.: *See—*
Chalich, Charles. 2,862,634.
- Taylor, Nathan E. Combination bushing remover, seat reamer and bushing setter. 2,859,456, 11-11-58, Cl. 7-14.1.
- Taylor, Nelson W.: *See—*
Beck, Warren R., and Taylor. 2,842,446.
Beck, Warren R., and Taylor. 2,853,393.
- Taylor, Owen D. Artificial tree construction. 2,851,807, 9-16-58, Cl. 41-15.
- Taylor, Owen L., to The Bryant Electric Co. Fastening device. 2,848,768, 8-26-58, Cl. 20-92.
- Taylor, Owen L., to The Bryant Electric Co. Wiring device. 2,849,547, 8-26-58, Cl. 200-1.
- Taylor, Owen L., to The Bryant Electric Co. Wiring device. 2,865,010, 12-16-58, Cl. 339-95.
- Taylor, Owen L., and G. E. Anderson, to The Bryant Electric Co. Rotary switch. 2,858,384, 10-28-58, Cl. 200-6.
- Taylor, Paul H., to Wales-Strippit Corp. Liquid spring. 2,842,356, 7-8-58, Cl. 267-1.
- Taylor, Paul H., to Wales-Strippit Corp. Spring utilizing a compressible solid. 2,846,211, 8-5-58, Cl. 267-63.
- Taylor, Paul H., and R. F. Zumwalt, to Wales-Strippit Corp. Perforating apparatus. 2,837,161, 6-3-58, Cl. 164-110.
- Taylor, Paul H., and R. F. Zumwalt, to Wales-Strippit Corp. Liquid spring. 2,837,329, 6-3-58, Cl. 267-84.
- Taylor, Paul H., to Wales-Strippit Corp. Balanced-force liquid spring. 2,863,508, 12-9-58, Cl. 164-94.
- Taylor Pharmaceutical Co.: *See—*
Taylor, Guy C., and Neathery. 2,856,329.
- Taylor, R. G. Co., Inc., The: *See—*
Taylor, Richard G. 2,845,448.
- Taylor, Ralph C.: *See—*
Campbell, Lawrence F., and Taylor. 2,851,054.
Fuchs, Francis J., Jr., and Taylor. 2,835,151.
- Taylor, Raymond L.: *See—*
Harring, Horace E., and Taylor. 2,862,157.
- Taylor, Reginald J.: *See—*
Boldingh, Jan, and Taylor. 2,819,169.
- Taylor, Richard, D. K. Rex, and H. C. Kuntzleman, to Research Corp. Blood handling system for extracorporeal circulation devices. 2,847,008, 8-12-58, Cl. 128-214.
- Taylor, Richard G., to The R. G. Taylor Co., Inc. Aromatic sulfonic acid esters of mandelic acid for inhibition of enzymes. 2,845,448, 7-29-58, Cl. 260-456.
- Taylor, Richard H., and D. H. Fieldhouse, to Coldstream Refrigerator Mfg. Ltd. Sealed multiple glazed unit. 2,834,999, 5-20-58, Cl. 20-56.5.
- Taylor, Robert B., to Rhinehart Development Corp. Enclosed infrared brooders. 2,848,591, 8-19-58, Cl. 219-35.
- Taylor, Robert S., and L. N. Whitehill, to The Sherwin-Williams Co. Polyhydric phenol-aldehyde-spiroalohydrin resins. 2,844,553, 7-22-58, Cl. 260-19.
- Taylor, Roger K., to W. R. Grace & Co. Process of recovering hydrazine from a liquid mixture of hydrazine, ammonia and ammonium chloride. 2,853,366, 9-23-58, Cl. 23-190.
- Taylor, Roland R., to Fraser & Johnston Co. Method for constructing parallel slot gas burner. 2,828,532, 4-1-58, Cl. 29-157.
- Taylor, Rose. Pin curl curler. 2,827,907, 3-25-58, Cl. 132-40.
- Taylor, Roy J.: *See—*
Bouchard, Edward F., Friedman, and Taylor. 2,830,933.
Friedman, Ira J., Martin, and Taylor. 2,827,417.
- Taylor, Russell C., to American Can Co. Carrying device for containers. 2,826,298, 3-11-58, Cl. 206-65.
- Taylor, Schuyler J., to The Russell Mfg. Co. Method of making stretchable woven fabric. 2,831,235, 4-22-58, Cl. 28-74.
- Taylor, Taylor & Hobson Ltd.: *See—*
Coleman, Kenneth R. 2,821,111.
Cook, Gordon H. 2,821,110.
Cook, Gordon H. 2,832,262.
Cook, Gordon H. 2,832,263.
Geddes, John W. 2,842,030.
Warmisham, Arthur, and Coleman. 2,821,108.

- Taylor, Thomas A., to Westinghouse Air Brake Co. Rock drill chuck. 2,827,019, 3-18-58, Cl. 121-32.
- Taylor, Tracy B., and G. A. Duve, to Federal Electric Products Co. Automatic circuit breakers. 2,863,964, 12-9-58, Cl. 200-88.
- Taylor, Vernon E., Jr.: *See—*
Chapman, Edward P., Jr., and Wood. 2,837,436.
Wood, John A., and Chapman. 2,846,327.
- Taylor, Wallace E.: *See—*
Luke, Oren V., Jr., Robeson and Taylor. 2,820,058.
- Taylor, Wallace E., to Celanese Corp. of America. Separation of mixtures of pentaerythritol and dipentaerythritol. 2,820,066, 1-14-58, Cl. 260-615.
- Taylor, Walter: *See—*
Western, Arthur W., and Taylor. 2,852,986.
- Taylor, Walter A., to Chesebrough-Pond's Inc. N-soya N-ethyl morpholinium ethostilate cosmetic emulsions. 2,852,434, 9-16-58, Cl. 167-90.
- Taylor, Walter P., Jr. Flexible material package. 2,828,092, 3-25-58, Cl. 242-161.1.
- Taylor, Walter W., to Malsbury Mfg. Co. Liquid flow control. 2,849,187, 8-26-58, Cl. 236-25.
- Taylor, Welton I., and J. H. Siliker, to Swift & Co. Hatching of eggs. 2,851,006, 9-9-58, Cl. 119-1.
- Taylor, William. Carbureting means. 2,847,288, 8-12-58, Cl. 48-180.
- Taylor, William A. Doll with removable or interchangeable heads. 2,838,873, 6-17-58, Cl. 46-164.
- Taylor, William A., to Taylor Machine Works. Subsoil injector. 2,849,969, 9-2-58, Cl. 111-7.
- Taylor, William C.: *See—*
Zink, Harold F., Taylor, and Pawlicki. 2,836,848.
- Taylor, William C., to Owens-Illinois Glass Co. Method of treating molds. 2,851,330, 9-9-58, Cl. 18-47.
- Taylor, William C., and L. H. Tung, to The Dow Chemical Co. Method for the preparation of density gradients. 2,825,698, 3-4-58, Cl. 252-408.
- Taylor, William, E. H. Badger, Jr., and S. D. Burton, to The Parker Appliance Co. Apparatus for controlling the emptying of tanks. 2,860,653, 11-18-58, Cl. 137-98.
- Taylor, William E., to Motorola, Inc. Semiconductor purification process. 2,835,612, 5-20-58, Cl. 148-1.5.
- Taylor, William G., and G. H. Howe, Jr., to General Electric Co. Exhaust casting assembly for gas turbine powerplant. 2,845,249, 7-29-58, Cl. 253-39.
- Taylor, William G., Jr.: *See—*
Geary, Frederick L., and Taylor. 2,836,034.
- Taylor, William H., to The Vilter Mfg. Co. Method and apparatus for production of super-cooled ice. 2,860,490, 11-18-58, Cl. 62-71.
- Taylor, William H. Blade means for heat exchange annuli. 2,863,304, 12-9-58, Cl. 62-284.
- Taylor, William M., to Deere Mfg. Co. Combination chopper, windrower and crusher. 2,827,745, 3-25-58, Cl. 56-1.
- Taylor-Wilson Mfg. Co.: *See—*
McConnell, William M. 2,820,573.
McConnell, William M. 2,855,020.
- Taylor-Winfield Corp.: *See—*
- Klinke, Henry O. 2,862,101.
- Pearson, Roy W. 2,856,511.
- Riley, Joseph J., and Alm. Re. 24,533.
- Riley, Joseph J., and Dethier. 2,856,546.
- Riley, Joseph J., and Stambaugh. 2,821,663.
- Seeloff, Melvin M., and Campbell. 2,850,909.
- Seeloff, Melvin M., and Keyser. 2,856,512.
- Taylor, Zachary R., and L. W. Williams. Servo mobile antennas. 2,854,667, 9-30-58, Cl. 343-750.
- Tea, Frank C., Jr. Marker actuating arrangement for planter. 2,827,843, 3-25-58, Cl. 97-230.
- Teacher Toys, Inc.: *See—*
Keyko, George J. 2,839,842.
Keyko, George J. 2,839,843.
- Teaf, John H., to Radio Condenser Co. Radio tuner with vacuum assist. 2,848,900, 8-26-58, Cl. 74-10.33.
- Teager, Herbert M.: *See—*
Henning, Harley A., Murphy, and Teager. 2,855,146.
- Teague, Merwyn C., to United States Rubber Co. Dipping last. 2,834,987, 5-20-58, Cl. 18-41.
- Teague, Walter D., Jr., to Bendix Aviation Corp. Two-stage liquid fuel rocket. 2,829,491, 4-8-58, Cl. 60-35.6.
- Teague, Walter D., Jr., to United States of America, Army. System for pressurizing the fluid propellant tank of a self-propelled missile. 2,841,953, 7-8-58, Cl. 60-35.6.
- Teague, Walter D., Jr., to Bendix Aviation Corp. Acceleration pressurized bi-propellant liquid fuel rocket. 2,850,975, 9-9-58, Cl. 102-49.
- Teague, Walter D., Jr., to Bendix Aviation Corp. Valve for fluid pumping system and regulation means therefor. 2,859,768, 11-11-58, Cl. 137-468.
- Teague, Walter D., and R. H. Ensign, to Whirlpool Corp. Magnetic door latch. 2,864,637, 12-16-58, Cl. 292-251.5.
- Teal, Bert E.: *See—*
Walsh, Loren. 2,839,983.
- Teale, Robert R., to National Gypsum Co. Plaster retarder and method of making same. 2,865,905, 12-23-58, Cl. 260-123.7.
- Teale, Ronald S., Seeles, and Konau. 2,836,560.
- Woodley, Harold J. 2,835,264.
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- Teare, William H., to General Electric Co. Lightning arrester. 2,859,373, 11-4-58, Cl. 313-325.
- Teasdale, Barton F.: *See—*
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- Teasel, Richard C., to Champion Spark Plug Co. Electrical connection for high energy igniters, and method for producing same. 2,831,138, 4-15-58, Cl. 313-130.
- Tebbens, Wilke G., to Tee-Pak, Inc. Coated food product and method of producing same. 2,864,708, 12-16-58, Cl. 99-169.
- Tebbs, George W.: *See—*
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- Tebbs, George W., to H. T. Backhouse. Sheet-separating machines. 2,831,683, 4-22-58, Cl. 271-62.
- Tebo, William I., to Detrex Corp. Variable speed device. 2,862,588, 12-2-58, Cl. 192-4.
- Tecalomit Ltd.: *See—*
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- Technical Appliance Corp.: *See—*
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- Technical Design and Development Co., Inc.: *See—*
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- Technical Enterprises Inc.: *See—*
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- Technica Establishment: *See—*
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- Technical Oil Tool Corp., Ltd.: *See—*
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- Technical Service Inc.: *See—*
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- Technicolor Corp.: *See—*
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Delangre, John P. 2,842,049.
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Goldberg, Richard J., and Levinson. 2,837,430.
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- Technicolor New York Corp.: *See—*
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- Technicon Chromatography Corp.: *See—*
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- Technicon International Ltd.: *See—*
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- Technitrol Corp.: *See—*
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- Techno Instrument Co.: *See—*
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- Tecker, Benjamin. Battery post terminal. 2,866,959, 12-30-58, Cl. 339-232.
- Tecnofax Corp.: *See—*
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- Tecno Trade Anstalt: *See—*
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- Tedaldi, John L., to Development Research, Inc. Dispensing valve for gas pressure containers. 2,829,806, 4-8-58, Cl. 222-394.
- Tedder, Paul M. Screen-grid-to-control-grid feedback circuits. 2,824,963, 2-25-58, Cl. 250-36.
- Tedds, Dennis F. B.: *See—*
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- Tedesco, William A.: *See—*
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- Teegen, Hermann, to Diesel Engine Co. of Texas. Internal combustion engine. 2,821,967, 2-4-58, Cl. 123-48.
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- Teegen, Hermann, to Mission Mfg. Co. Internal combustion engine. 2,853,989, 9-30-58, Cl. 123-197.
- Teel, Lawrence H., to Swift & Co. Apparatus for cleaning pasting boards. 2,824,320, 2-25-58, Cl. 15-77.
- Teepack Spezialmaschinen, G. m. b. H.: *See—*
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- Tee-Pak, Inc.: *See—*
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- Teer, Kees, to North American Philips Co., Inc. Detector circuit for use in television receiver. 2,838,666, 6-10-58, Cl. 250-27.
- Teet, James B. Abdominal sanitary belt. 2,856,931, 10-21-58, Cl. 128-283.

- Teeter, Howard M., and M. J. Danzig, to the United States of America as represented by the Secretary of Agriculture. Addition products of conjugated fatty acids and acetylene carboxylic acid. 2,819,299, 1-7-58, Cl. 260-514.
- Teeter, Wallis L., Broad band coaxial transmitter receiver switch tube. 2,832,004, 4-22-58, Cl. 315-39.
- Teeters, Anna B.: *See*—
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- Tector, Macy O., Magnetic catch. 2,853,331, 9-23-58, Cl. 292-251.5.
- Teetor, Ralph R., to Perfect Circle Corp. Speed control device. 2,837,060, 6-3-58, Cl. 121-42.
- Teetor, Thomas S., to Avco Mfg. Corp. Controlled beam centering deflection circuit. 2,835,846, 5-20-58, Cl. 315-27.
- Tefft, Ross M.: *See*—
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- Tegge, Bruce R., and H. G. Goering, to Esso Research and Engineering Co. Purification of polymerization diluents. 2,856,392, 10-14-58, Cl. 260-94.8.
- Teggelaar, Claude J., to Grand Rapids Hardware Co. Awning type window assembly and fixtures therefor. 2,825,939, 3-11-58, Cl. 20-42.
- Teggelaar, Claude J., to Grand Rapids Hardware Co. Window structure or assembly. 2,837,781, 6-10-58, Cl. 20-52.2.
- Tegner, George U., to Wm. McSweeney, Jr., Inc. Pocket savings bank. 2,822,125, 2-4-58, Cl. 232-5.
- Te Grotenhuis, Theodore A., to The General Tire & Rubber Co. High polymers with chemically bonded reinforcing and method of making same. 2,841,566, 7-1-58, Cl. 260-17.4.
- Te Gude, Helmut F. A., to North American Philips Co., Inc. Grid for use in electric discharge tubes. 2,829,298, 4-1-58, Cl. 313-350.
- Te Gude, Helmut, to North American Philips Co., Inc. Arrangement for improving the indicating sensitivity of measuring or indicating devices. 2,854,628, 9-30-58, Cl. 324-97.
- Teichre, René J. A., Electric soldering irons. 2,845,518, 7-29-58, Cl. 219-26.
- Teichman, Rudolph R.: *See*—
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- Teigen, Ferdinand A., to D. M. Russell. Method of treating perishable onions in storage. 2,855,839, 10-14-58, Cl. 98-33.
- Teikowski, Edward D. Vibrato producing loud speaker. 2,831,051, 4-15-58, Cl. 179-1.
- Teiser, Sidney: *See*—
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- Tek Bearing Co.: *See*—
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- Tek, Mehmet R.: *See*—
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- Tek, Mehmet R., to Phillips Petroleum Co. Intermittent lift of liquids. 2,821,931, 2-4-58, Cl. 103-165.
- Tek, Mehmet R., to Phillips Petroleum Co. Water flooding method. 2,862,556, 12-2-58, Cl. 166-10.
- Tekenos, Alexander B., deceased; R. N. Tekenos, administratrix, and P. A. Lefebvre, $\frac{1}{2}$ to L. Leclair. Electronic toilet flusher. 2,858,546, 11-4-58, Cl. 4-67.
- Tekenos, Ruth N.: *See*—
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- Tektronix, Inc.: *See*—
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- Teldec Telefunken-Decca Schallplatten G. m. b. H.: *See*—
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- Telecincolor Enterprises, Inc.: *See*—
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- Telecomputing Corp.: *See*—
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- Telecontrols-International, Inc.: *See*—
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- Tele-Dynamics Inc.: *See*—
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- Telefonaktiebolaget L. M. Ericsson: *See*—
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- Telefonaktiebolaget L. M. Ericsson: *See*—Continued
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- Telenzi, Alfred F. Safety razor having a detachable razor storing handle. 2,834,105, 5-13-58, Cl. 30-47.
- Telephone Answering and Recording Corp.: *See*—
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- Telephone Mfg. Co. Ltd., The: *See*—
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- Telkes, Maria. Method for storing and releasing heat. 2,856,506, 10-14-58, Cl. 219-39.
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- Tellepsen, Howard T.: *See*—
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- Teller, Clarence R. Combination seat and cooking unit. 2,829,635, 4-8-58, Cl. 126-208.
- Teller, Joseph D.: *See*—
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- Teller, Oscar. Multiple frame for interchangeable picture. 2,839,857, 6-24-58, Cl. 40-64.
- Teller, W. K., and E. Marchuk, to Weco Products Co. Method of treating nylon bristles and products produced thereby. 2,836,516, 5-27-58, Cl. 117-138.5.
- Teller, W. Kedzie, to Pharma-Craft Corp. Propylene glycol soap gel stick anti-perspirant. 2,857,315, 10-21-58, Cl. 167-90.
- Teller, W. Kedzie, and A. A. Bernhardt, to Joseph A. Seagram and Sons, Inc. Package for cosmetics and the like. 2,854,133, 9-30-58, Cl. 206-36.
- Tellerman, Jacob, to American Bosch Arma Corp. Function shaping network. 2,841,720, 7-1-58, Cl. 307-107.
- Tellkamp, Bernhard F.: See—
- Dickinson, Clarence R., and Tellkamp. 2,839,642.
- Tellmann, Werner, to Demag-Elektrometallurgie G. m. b. H. Device for balancing induction furnace phase currents. 2,860,257, 11-11-58, Cl. 307-14.
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- Shellard, Arthur D., and Temby. 2,819,611.
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- Temple, Hiram E., to Capital Products Corp. Bread de-panner. 2,818,986, 1-7-58, Cl. 214-308.
- Temple, Hiram E., to Capital Products Corp. Proofer. 2,823,811, 2-18-58, Cl. 214-16.4.
- Temple, Hiram E., to Capital Products Corp. Conveyor system with article transferring apparatus. 2,829,758, 4-8-58, Cl. 198-32.
- Temple, Hiram E., to Capital Products Corp. Loaf splitter. 2,858,776, 11-4-58, Cl. 107-22.
- Temple, Hiram E., to Capital Products Corp. Proofer control system. 2,866,565, 12-30-58, Cl. 214-16.4.
- Temple, Hiram E., and J. C. Stafford, to Capital Products Corp. Bread depanner. 2,835,398, 5-20-58, Cl. 214-314.
- Temple, Lemuel M., to Olin Mathieson Chemical Corp. Constant torque-type stress appliance for firearm barrels. 2,841,909, 7-8-58, Cl. 42-75.
- Temple, Robert, to Mine Safety Appliances Co. Cable gripper. 2,858,908, 11-4-58, Cl. 188-65.1.
- Temple, Robert B., to Kelsey-Hayes Co. Adjustable tread wheel clamp. 2,839,335, 6-17-58, Cl. 301-9.
- Temple, Robert B., and E. R. Carolin, to Kelsey-Hayes Co. Quick acting rim clamp. 2,852,312, 9-16-58, Cl. 301-9.
- Temple, Sidney J., to Edwin L. Wiegand Co. Radiant heater. 2,834,861, 5-13-58, Cl. 219-34.
- Temple, Sidney J. Aircraft hold-down unit. 2,864,572, 12-16-58, Cl. 244-110.
- Templeman, Glen C., to The Ohio Oil Co. Lubricants. 2,824,839, 2-25-58, Cl. 252-49.9.
- Temple Industries, Inc.: See—
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- Ten Bosch, Maurits, and P. Lang, to M. Ten Bosch, Inc. Gyroscope control system. 2,846,889, 8-12-58, Cl. 71-5.34.
- Ten Broeck, Robert L.: See—
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- Sheppard, Charles B., and Tenebaum. 2,841,411.
- Tenebaum, Paul, to Copco Steel & Engineering Co., Copco Trailer Division. Trailer king pin construction. 2,831,704, 4-22-58, Cl. 280-407.
- Ten Eyck, Robert L., to General Motors Corp. Floating piston pin. 2,849,265, 8-26-58, Cl. 309-19.
- Tengberg, Evert R., to New England Carbide Tool Co., Inc. Knife sharpener. 2,834,230, 5-13-58, Cl. 76-88.
- Tengberg, Evert R., to New England Carbide Tool Co., Inc. Masonry drill and starter. 2,858,109, 10-28-58, Cl. 255-61.
- Ten Have, Cornelis D., and W. J. Pieters, to Shell Development Co. Sweetening process and method for removing water of reaction from the sweetening reagent. 2,862,878, 12-2-58, Cl. 208-234.
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- Tenney, William L. Aerosol generator. 2,821,986, 2-4-58, Cl. 131-129.
- Tenney, William L., P. A. Frank, and S. E. Knox, to William L. Tenney. Machine for producing dispersions of liquids in air or other gases for the production of fogs. 2,857,332, 10-21-58, Cl. 252-359.
- Tennis, Francis H., to Hydraulic Unit Specialties Co. Detent mechanism for hydraulic control valves. 2,848,014, 8-19-58, Cl. 137-622.5.
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- Teplitz, Abraham J., to Gulf Research & Development Co. Device for combatting lost circulation. 2,820,521, 1-21-58, Cl. 166-60.
- Teplitz, Alfred, to United States Steel Corp. Swinging spout and drive therefor. 2,839,291, 6-17-58, Cl. 266-21.
- Teplitz, Alfred, to United States Steel Corp. Flying shear. 2,850,092, 9-2-58, Cl. 164-68.
- Teplitz, Alfred, to United States Steel Corp. Rail clamp position indicator. 2,852,643, 9-16-58, Cl. 200-153.
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- Terce, Paul J. J. Permutation device for a latch of a lock. 2,821,077, 1-28-58, Cl. 70-309.
- Terce, Paul J. J., to Societe d'Etudes, de Recherches et d'Applications Mecaniques. Apparatus for the making of coffee. 2,832,279, 4-29-58, Cl. 99-286.
- Tereski, Fred: See—
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- Terhune, Edgar A., to United States of America, Army. Collapsible mast. 2,832,555, 4-29-58, Cl. 248-170.
- Terhune, Hugh D.: See—
- Bell, Thomas E., Moore, Riegel, and Terhune. 2,858,184.
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- Lang, Maurice, and Terjeson. 2,841,641.
- Terlecki, Harry R. Coin operated beer dispensing machine. 2,861,603, 11-25-58, Cl. 141-94.
- Terlecki, Renat, to British Telecommunications Research Ltd. Electric carrier telegraph systems. 2,831,059, 4-15-58, Cl. 173-66.
- Terlinde, Edward H. Electric plug. 2,850,711, 9-2-58, Cl. 339-62.
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- Kostriza, John A., and Terranova. 2,829,348.
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- Terrell, Charm G. Restraining device. 2,848,993, 8-26-58, Cl. 128-134.
- Terrell, Homer. Collapsible oil well derrick. 2,857,993, 10-28-58, Cl. 189-11.
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- Terrill, Frank. Traffic control system. 2,829,362, 4-1-58, Cl. 340-22.

- Terruzzi, Marcello, to Montecatini, Societa Generale per l'Industria Mineraria e Chimica. Process for the production of 1,1,1-trifluoro-2-chloroethane. 2,824,900, 2-25-58, Cl. 260-653.
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- Terry, Claude W. Lifting jack. 2,823,958, 2-18-58, Cl. 304-29.
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- Terry, Millard G., Jr., S. M. Weisberg, and B. Habighurst, to National Dairy Products Corp. Poultry feed containing a coccidiostat. 2,856,328, 10-14-58, Cl. 167-53.1.
- Terry, Paul V., to General Electric Co. Timing mechanism. 2,833,347, 5-6-58, Cl. 161-1.
- Terry, Ray A., 1/2 to B. Nachtrab. Leg spike. 2,835,426, 5-20-58, Cl. 227-27.
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- Terry, Victor J., D. A. Weir, and N. F. Fossey, to International Standard Electric Corp. Start-stop telegraph regenerators. 2,822,422, 2-4-58, Cl. 178-70.
- Terry, Victor J., T. F. S. Hargreaves, and H. T. Prior, to International Standard Electric Corp. Diversity radio telegraph system. 2,841,701, 7-1-58, Cl. 250-20.
- Terry, Walter J. Dental drill. 2,838,837, 6-17-58, Cl. 32-28.
- Terry, William M., Jr., to Allis-Chalmers Mfg. Co. Sliding guide assembly having a movable segment. 2,822,527, 2-4-58, Cl. 336-92.
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- Teszner, Stanislas, and J. Millet, 1/2 to Societe Le Carbone Lorraine. Method of treating nickel-beryllium alloys. 2,848,360, 8-19-58, Cl. 148-11.5.
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- Teter, John W., J. L. Gring, and C. D. Keith, to Engelhard Industries, Inc. Alumina catalyst base. 2,838,375, 6-10-58, Cl. 23-142.
- Teter, John W., J. L. Gring, and C. D. Keith, to Engelhard Industries, Inc. Platinum-alumina catalyst manufacture. 2,835,444, 6-10-58, Cl. 196-50.
- Teter, John W., deceased (by R. Y. Teter, administratrix), C. D. Keith, and J. L. Gring, to Engelhard Industries, Inc. Reforming process and catalyst. 2,838,445, 6-10-58, Cl. 106-50.
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- Teubner, Wilbur G., to Sun Oil Co. Bottom-hole sampler. 2,862,561, 12-2-58, Cl. 166-165.
- Teufel, Aloisius, 1/2 to F. I. Saemann. Ball bearing assembly. 2,822,225, 2-4-58, Cl. 308-183.
- Teupel, Rudolf H., to Spinnbau G. m. b. H. Method and apparatus for changing bobbins. 2,819,580, 1-14-58, Cl. 57-52.
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- Thelin, Jack H., and G. N. Vriens, to American Cyanamid Co. Purification of 2-isopropyl-naphthalene. 2,850,548, 9-2-58, Cl. 260-674.
- Themer, Gustav A.: *See*—
Larsson, Carl F., Themer, and Ostmar. 2,823,320.
- Then, Edward O., to American Can Co. Carrying device for containers. 2,822,208, 2-4-58, Cl. 294-87.2.
- Then, Edward O., to American Can Co. Coupling device for containers. 2,845,175, 7-29-58, Cl. 206-65.
- Then, Edward O., to American Can Co. Carrying device for containers. 2,866,543, 12-30-58, Cl. 206-65.
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Stern, Robert G., and Theobald. 2,849,807.
- Theobald Industries, The: *See*—
Goldsmith, Henry A., and Goldberg. 2,863,835.
- Theocharides, Harry E.: *See*—
Zahn, Karl M., and Theocharides. 2,860,563.
- Theodosopoulos, James and A. Zack, to Sylvania Electric Products Inc. Electric coil manufacture. 2,863,796, 12-9-58, Cl. 154-80.
- Ther, Leopold: *See*—
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- Theriault, Gerald E., to Radio Corp. of America. Transistor signal translating circuit. 2,851,540, 9-9-58, Cl. 179-100.4.
- Theriault, Hector E.: *See*—
Morin, Joseph R., and Theriault. 2,863,094.
- Theriault, Martin M.: *See*—
Caswell, Benson E., and Theriault. 2,848,138.
- Thermac Co.: *See*—
Schuster, Erich. 2,842,146.
- Thermal Engineering Co.: *See*—
Paxton, Elisha W. 2,860,449.
- Thermal Mfg. Co.: *See*—
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- Thermal Research and Engineering Corp.: *See*—
Schweitzer, Edwin J., and Sonntag. 2,839,128.
- Thermal Syndicate Ltd., The: *See*—
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- Thermel, Inc.: *See*—
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Norton, William H. 2,832,875.
- Thermix Corp., The: *See*—
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- Thermo Electric Co., Inc.: *See*—
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- Thermo Electric Mfg. Co.: *See*—
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- Thermoflector Corp.: *See*—
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- Thermoal Co.: *See*—
Phillips, Charles S. 2,861,527.
- Thermo King Corp.: *See*—
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- Thermometer Corp. of America: *See*—
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- Therm-O-Plastic Products, Inc.: *See*—
Hall, Hugh. 2,851,187.
- Thermo Power, Inc.: *See*—
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- Thermo-Technical Development Ltd.: *See*—
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- Theuer, Henry G.: *See*—
Kollmorgen, Ernst O., and Theuer. 2,858,732.
- Theurer, Josef: *See*—
Plasser, Franz, and Theurer. 2,847,943.
- Thevenon, Charles, to Crompton & Knowles Loom Works. Pattern mechanism for dobby looms. 2,856,966, 10-21-58, Cl. 139-72.
- Thew Shovel Co., The: *See*—
Fekner, Alphonse O. Re. 2,448.2.
Johnson, Paul. 2,847,827.
Zeitman, Roy H. 2,827,345.
Zeitman, Roy H., and Noll. 2,848,084.
- Thias, Edwin P., to Standard Coil Products Co., Inc. Band switching television turret tuner for very high and ultra-high frequency bands. 2,821,622, 1-28-58, Cl. 250-20.
- Thias, Edwin P., to Standard Coil Products Co., Inc. End-loaded long-line superheterodyne tuner having tracking means. 2,821,623, 1-28-58, Cl. 250-20.
- Thias, Edwin P., to Standard Coil Products Co., Inc. Combination frequency selector. 2,830,182, 4-8-58, Cl. 250-40.
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- Thias, Edwin P., to Standard Coil Products Co., Inc. Television tuner mechanisms. 2,863,058, 12-2-58, Cl. 250-20.
- Thibault, Bernard, and J. Richardin, to Pneumatics & Caoutchouc Manufacture Kleber Colombes Societe Anonyme. Flange coupling for reinforced plural layer resilient tubes. 2,837,354, 6-3-58, Cl. 285-149.
- Thibault, Harrison N.: *See*—
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Sanderson, Kenneth E., and Thibault. 2,829,679.
- Thibault, Harrison N., to Draper Corp. Loom thread cutter. 2,825,347, 3-4-58, Cl. 139-268.
- Thibaut, Moise: *See*—
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- Thibert, Laurent, to Providence Braid Co. Braiding machine. 2,847,898, 8-19-58, Cl. 87-19.
- Thibodeau, Bernard L., to Chrysler Corp. Transmission control apparatus. 2,824,459, 2-25-58, Cl. 74-365.
- Thickstun, William R.: *See*—
Foskett, Laurence W., Foster, Thickstun, and Wood. 2,834,246.
- Thiede, Ronald W., and W. H. Nash, to McGraw-Edison Co. Fuse cutout construction. 2,842,639, 7-8-58, Cl. 200-114.
- Thiel, Max: *See*—
Asinger, Friedrich, Thiel, Kaltwasser, and Reckling. 2,865,924.
- Thiel, Otto, to Midwest Supply and Mfg. Co. Apparatus for finishing a surface of a work piece. 2,844,922, 7-29-58, Cl. 51-234.
- Thiel, Ralph. Anti-backlash mechanism for fishing reels. 2,853,252, 9-23-58, Cl. 242-84.52.
- Thiele, Edmund. Sprinkling pot for condiments. 2,833,447, 5-6-58, Cl. 222-151.
- Thiele, Heinz, to Zeiss Ikon A. G. Magnet head. 2,852,617, 9-16-58, Cl. 179-100.2.
- Thiele, Heinz, to Zeiss Ikon A. G. Means for recording and reproducing acoustic signals. 2,862,066, 11-25-58, Cl. 179-100.2.
- Thiele, Willy. Photo-mechanical correction of colours. 2,847,307, 8-12-58, Cl. 96-30.
- Thielemann, Rudolf H., to Sierra Metals Corp. Metal alloy. 2,860,970, 11-18-58, Cl. 75-174.
- Thielen, Albert F., Jr., to Philco Corp. Method of forming a seal. 2,848,746, 8-26-58, Cl. 18-47.5.
- Thielen, Lawrence E.: *See*—
Dornfeld, Clinton A., and Thielen. 2,865,964.
- Thielen, Lawrence E., to G. D. Searle & Co. Phenolic bis-(triphenylphosphonium halides) and processes. 2,862,970, 12-2-58, Cl. 260-606.5.
- Thielen, Lawrence E., and C. A. Dornfeld, to G. D. Searle & Co. Aryl and alkaryl bistrisphenylphosphonium compounds and processes. 2,862,971, 12-2-58, Cl. 260-606.5.
- Thielens, Emil H., to Servo Corp. of America. Infrared achromat lens. 2,865,253, 12-23-58, Cl. 88-57.
- Thielle, Morton: *See*—
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- Thielman, Russell F., to Jack & Heintz, Inc. Carbon pile regulator. 2,863,973, 12-9-58, Cl. 201-51.
- Thiem, Eugene T., to Continental Can Co., Inc. Cone cup machine. 2,863,367, 12-9-58, Cl. 93-36.2.

- Thiem, Eugene T., to Continental Can Co., Inc. Cone cup machine. 2,863,368, 12-9-58, Cl. 93—36,2.
- Thieman, Norman A. Mail box construction. 2,849,175, 8-26-58, Cl. 232—19.
- Thiemann, Albert. Fire alarm devices. 2,865,320, 12-23-58, Cl. 116—106.
- Thienig, Otto H. Arm attached protective device for use by dancers. 2,821,715, 2-4-58, Cl. 2—46.
- Thienemann, Heinz, and P. Krug, to Dr. Plate, G. m. b. H., Chemische Fabrik. Aromatic and pleasant tasting de-nicotinized tobacco and method of producing same. 2,822,306, 2-4-58, Cl. 131—17.
- Thies, Ludwig E., to General Electric Co. Method for casting ceramic shapes. 2,835,019, 5-20-58, Cl. 25—156.
- Thiessen, George J., to National Research Council. Fog horn. 2,854,944, 10-7-58, Cl. 116—147.
- Thiessen, George J., to National Research Council. Suction roll silencer. 2,857,823, 10-28-58, Cl. 92—53.
- Thilenius, Helen A. Mitten. 2,830,299, 4-15-58, Cl. 2—158.
- Thiles, Edward W. Wagon box and truck cover. 2,857,199, 10-21-58, Cl. 296—100.
- Thilmany Pulp & Paper Co.: See—
Downs, Martin L., and Dressler. 2,824,815.
- Thiokol Chemical Corp.: See—
Berman, Max G., Irwin, and Kershner. 2,849,300.
Bronaugh, Hugh J. 2,849,276.
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Youngquist, Robertson, Ferris, and Bell. 2,859,808.
- Third National Bank in Nashville: See—
Kleeman, William, and Winningham. 2,830,605.
- Thirsk, James H.: See—
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- Thirtle, John R., and A. Weissberger, to Eastman Kodak Co. N-alkyl and acetylphenol coupler solvents for color photography. 2,835,579, 5-20-58, Cl. 96—97.
- Thirup, Gunnar, to North American Philips Co., Inc. Device for measuring electric power. 2,854,629, 9-30-58, Cl. 324—99.
- Thiry, Leon F. Flanged resilient joint. 2,823,054, 2-11-58, Cl. 287—85.
- Thisen, John P., to Knapp-Monarch Co. Electric cooking utensil. 2,839,662, 6-17-58, Cl. 219—44.
- Tholand, Inc.: See—
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Dwyer, Thiel E. 2,840,455.
- Tholstrup, Clarence E.: See—
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- Tholstrup, Henry L., to the United States of America as represented by the Secretary of the Navy. Feed mechanism for perforated tape controlled apparatus. 2,825,441, 3-4-58, Cl. 197—20.
- Tholstrup, Henry L., to United States of America, Navy. Gate tape guide device. 2,846,216, 8-5-58, Cl. 271—23.
- Tholstrup, Henry L., to Commercial Controls Corp. Control system for tape readers. 2,854,118, 9-30-58, Cl. 197—20.
- Tholstrup, Henry L., to United States of America, Navy. Mechanism for latching shift key lever of typewriters. 2,855,083, 10-7-58, Cl. 197—80.
- Tholstrup, Henry L., to Commercial Controls Corp. Generation of line feed signals in tape punch equipment. 2,859,817, 11-11-58, Cl. 164—113.
- Tholstrup, Henry L., and J. A. Skinner; said Tholstrup assor. to Commercial Controls Corp. Shift functions circuits. 2,859,851, 11-11-58, Cl. 197—20.
- Thom, Douglas G.: See—
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- Thom, Royston F., to Exactor Ltd. Pipe couplings. 2,821,411, 1-28-58, Cl. 284—16.
- Thoma Co.: See—
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- Thoma Co. G. m. b. H.: See—
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Krähschütz, Friedrich. 2,825,198.
- Thoma, Edwin L. Date indicator for razor blade dispensers. 2,827,872, 3-25-58, Cl. 116—135.
- Thoma, Hans J. Pistons and piston rods. 2,856,250, 10-14-58, Cl. 309—20.
- Thoma, Heinrich. Suction means to be used in a textile drafting assembly. 2,835,103, 5-20-58, Cl. 57—34,5.
- Thoma, Otto, to C. H. Boehringer Sohn. Process for the production of substituted morpholines. 2,835,669, 5-20-58, Cl. 260—247.
- Thoma, Richard W.: See—
Fried, Josef. 2,823,171.
Fried, Josef, Thoma, Perlman, and Gerke. 2,836,608.
Kroll, Helen A., Pagano, and Thoma. 2,822,318.
Thomas, Gordon H., and Thoma. 2,853,502.
- Thomae, Dr. Karl, G. m. b. H.: See—
Fischer, Gottwalt F., Roch, and Kottler. 2,826,580.
Kottler, August, and Scheffler. 2,864,743.
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- Thoman, John B., and J. R. Maslove, Jr., to The Eagle-Picher Co. Combined hood receiver and conductor tube. 2,831,556, 4-22-58, Cl. 193—9.
- Thomann, Bernard M. Trailer for transporting heavy duty equipment. 2,851,181, 9-9-58, Cl. 214—506.
- Thomann, Hans, and A. Steck, to Machine Tool Works Oerlikon. System of containers for at least two liquids and a pressure gas. 2,818,914, 1-7-58, Cl. 158—36,5.
- Thomas, Alan M., to Winter Hydrocraft Ltd. Amphibious vehicle. 2,855,885, 10-14-58, Cl. 114—43.
- Thomas, Alan M., to Winter Hydrocraft Ltd. Rudder. 2,861,533, 11-25-58, Cl. 114—162.
- Thomas, Albert. Link. 2,829,414, 4-8-58, Cl. 24—201.
- Thomas, Albert. Adjustable boring bar assembly. 2,838,316, 6-10-58, Cl. 279—6.
- Thomas, Albert, and H. S. Rainbow, to Armstrong Siddeley Motors Ltd. Blade carrying rotors. 2,832,565, 4-29-58, Cl. 253—39.
- Thomas, Albert, and J. Marlow, to Armstrong Siddeley Motors Ltd. Preventing or reducing stalling of the early rows of axial-flow compressor blades of gas turbine engines. 2,838,227, 6-10-58, Cl. 230—114.
- Thomas, Albert G. Step-by-step motor. 2,830,246, 4-8-58, Cl. 318—46.
- Thomas, Albert G. Motor. 2,830,247, 4-8-58, Cl. 318—254.
- Thomas, Albert G., and T. D. Johnson, to Industrial Controls Corp. Motors. 2,837,670, 6-3-58, Cl. 310—49.
- Thomas, Albert L., Jr., to Southern Research Institute. Dilution valve. 2,837,113, 6-3-58, Cl. 137—597.
- Thomas, Alexander, and R. Sweetser, to Tracerlab, Inc. Means for generating electrical energy from a radioactive source. 2,864,012, 12-9-58, Cl. 310—3.
- Thomas, Alexander G.: See—
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- Thomas, Aulic R.: See—
Lewis, Robert E., and Thomas. 2,866,374.
- Thomas, Anthony P., to Oakite Products, Inc. Cleaning apparatus. 2,854,284, 9-30-58, Cl. 299—87.
- Thomas, Arthur, to Powers-Samas Accounting Machines Ltd. Punch mechanism for punching statistical records. 2,840,165, 6-24-58, Cl. 164—114.
- Thomas, Benjamin P.: See—
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- Thomas & Betts Co., The: See—
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- Thomas, Brice L. Debairing apparatus. 2,820,246, 1-21-58, Cl. 17—15.
- Thomas, Charles: See—
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- Thomas, Charles A., to Monsanto Chemical Co. Jet propellant. 2,857,258, 10-21-58, Cl. 52—5.
- Thomas, Charles L., to Sun Oil Co. Catalytic cracking process and composition. 2,848,380, 8-19-48, Cl. 196—52.
- Thomas, Charles L., to Sun Oil Co. Motor fuel. 2,857,254, 10-21-58, Cl. 44—63.
- Thomas, Charles L., to Sun Oil Co. Separation of hydrocarbons. 2,865,970, 12-23-58, Cl. 260—676.
- Thomas, Charles M. Pipe marker. 2,859,522, 11-11-58, Cl. 33—21.
- Thomas, Charles W., to The McKay Machine Co. Plural motor drive system controlled by measuring rolls. 2,847,763, 8-19-58, Cl. 33—132.
- Thomas, Chester A.: See—
Merritt, Thomas W., and Thomas. 2,831,456.
- Thomas Collators, Inc.: See—
Thomas, Wilbur E. 2,829,888.
- Thomas, Dale S.: See—
Castagna, Mary P., Thomas, Campbell, and Carbonell. 2,829,978.
- Thomas, David B. J.: See—
Pumphrey, William I., and Thomas. 2,831,790.
- Thomas, David F., to Waterous Co. Hydraulic hydrant disassembly wrench. 2,823,450, 2-18-58, Cl. 29—240.
- Thomas, Donald E., to Bell Telephone Laboratories, Inc. Self-starting transistor oscillators. 2,842,669, 7-8-58, Cl. 250—36.
- Thomas, Donald E., to Bell Telephone Laboratories, Inc. Null-type transistor alpha measuring set. 2,847,645, 8-12-58, Cl. 324—158.
- Thomas, Donald K. Form and method of casting a concrete roof. Re. 24,425, 2-4-58, Cl. 25—118.
- Thomas Electronics, Inc.: See—
Garrigus, Richard H. 2,827,390.
Johansen, Alfred P. 2,837,754.
Klinder, William G. 2,851,987.
Schovitz, Edward J. 2,840,739.
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Seats, Peter. 2,827,392.
- Thomas Equipment Co., The: See—
Thomas, Peter C., and Horst. 2,819,536.
- Thomas, Ethyl P.: See—
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- Thomas, Eugene P.: See—
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- Thomas, Frederick L.: See—
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- Thomas, George L.: See—
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- Thomas, Glenn M.: See—
Erson, Erik G., and Thomas. 2,830,849.
- Thomas, Glenn M., to Westinghouse Air Brake Co. Load brake mechanism. 2,824,769, 2-25-58, Cl. 303—22.
- Thomas, Glenn M., to Westinghouse Air Brake Co. Variable load brake apparatus. 2,854,288, 9-30-58, Cl. 303—22.

- Thomas, Glenn M., to Westinghouse Air Brake Co. Fluid pressure brake apparatus. 2,858,166, 10-28-58, Cl. 303-22.
- Thomas, Gordon E.: *See—*
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- Thomas, Gordon H.: *See—*
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Fried, Josef and Thomas. 2,857,403.
- Thomas, Gordon H., to Oline Mathieson Chemical Corp. Cycloborate esters of 16 α , 17 α -dihydroxy steroids. 2,831,003, 4-15-58, Cl. 260-397.45.
- Thomas, Gordon H., and R. W. Thoma, to Olin Mathieson Chemical Corp. 9 α halo Δ^4 androstenes. 2,853,502, 9-23-58, Cl. 260-397.45.
- Thomas, Gordon H., and J. Fried, to Olin Mathieson Chemical Corp. Synthesis of steroids. 2,862,926, 12-2-58, Cl. 260-239.55.
- Thomas, Graham I., and A. A. Robinson, to National Research Development Corp. Electrostatic storage of digital information. 2,842,707, 7-8-58, Cl. 315-12.
- Thomas, Harold M., to United States of America, Army. Apparatus for zoning rockets. 2,856,851, 10-21-58, Cl. 102-49.
- Thomas, Harry E., to International Telephone and Telegraph Corp. Sweep wave generator. 2,819,392, 1-7-58, Cl. 250-27.
- Thomas, Henry A., to Ethyl Corp. Method and apparatus for forming liquid alloys of alkali metals. 2,854,333, 9-30-58, Cl. 75-167.
- Thomas Holst Co.: *See—*
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- Thomas, Horace A.: *See—*
Higham, Edward H., and Thomas. 2,844,350.
Moss, Norman L., and Thomas. 2,839,963.
- Thomas, Howard J. Articulating conveyor system and unit therefor. 2,828,851, 4-1-58, Cl. 198-109.
- Thomas Industries Inc.: *See—*
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- Thomas, James L.: *See—*
Heiberger, Charles A., and Thomas. 2,832,758.
- Thomas, James R., to J. A. Weber. Roll mounting. 2,866,258, 12-30-58, Cl. 29-123.
- Thomas, Jesse B., to Reynolds Metals Co. Evaporator structure for refrigerators. 2,821,845, 2-4-58, Cl. 62-126.
- Thomas, John, and J. I. Firth, Jr., to International Harvester Co. Vehicle drive axle pinion bearings and means for lubricating the same. 2,860,726, 11-18-58, Cl. 184-11.
- Thomas, John C., to E. I. du Pont de Nemours and Co. Organometallic carbonyl halide compounds of a group VIII metal directly bonded to one cyclopentadienyl nucleus and to halogen and coordinately bonded to at least two carbonyl groups, and their preparation. 2,849,471, 8-26-58, Cl. 260-439.
- Thomas, John H., to United States Steel Corp. Method and apparatus for removing a traction clip from a tire. 2,857,136, 10-21-58, Cl. 254-131.
- Thomas, John R., to United States of America, Atomic Energy Commission. Process of securing plutonium in nitric acid solutions in its trivalent oxidation state. 2,849,277, 8-26-58, Cl. 23-14.5.
- Thomas, John V. Gas burner. 2,838,106, 6-10-58, Cl. 158-119.
- Thomas, John W., to The Standard Oil Co. Thermal diffusion apparatus. 2,825,463, 3-4-58, Cl. 210-176.
- Thomas, John W., to The Standard Oil Co. Thermal diffusion apparatus. 2,834,467, 5-13-58, Cl. 210-176.
- Thomas, John W., R. W. Asmus, and W. T. Berg, to The Standard Oil Co. Thermal diffusion apparatus. 2,834,468, 5-13-58, Cl. 210-176.
- Thomas, Joseph J., to S. D. Warren Co. Method of making paper carrier sheet for thermoplastic and elastic film. 2,819,181, 1-7-58, Cl. 117-11.
- Thomas, Joseph R. Bed davenport. 2,832,082, 4-29-58, Cl. 5-13.
- Thomas, Joseph R. Bed davenport. 2,841,800, 7-8-58, Cl. 5-13.
- Thomas, Kenneth L., R. J. Wickham, and G. M. Skinner, to Union Carbide Corp. Metal arc welding. 2,863,981, 12-9-58, Cl. 219-74.
- Thomas, Laurence C. Indicator for serving tray. 2,853,045, 9-23-58, Cl. 116-135.
- Thomas, Lazarus D.: *See—*
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- Thomas, Leon E., Jr.: *See—*
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- Thomas, Leon H., to Perfecto Products Inc. Adjustable soil pipe joint runner. 2,832,111, 4-29-58, Cl. 22-118.
- Thomas, Leonard C. Safety belt gripping sleeve. 2,853,220, 9-23-58, Cl. 227-24.
- Thomas, Lester L.: *See—*
Nies, Nelson P., Fajans, Thomas, Hiebert, and Morgan. 2,832,730.
- Thomas, Levi M., T. J. Neel, and F. P. McCombs, to National Industrial Products Co. Wheat and corn starch adhesives and method of making them. 2,833,662, 5-6-58, Cl. 106-213.
- Thomas, Lucius P., to Radio Corp. of America. Noise cancelling systems. 2,841,646, 7-1-58, Cl. 178-7.5.
- Thomas, Lucius P., Jr.: *See—*
Hoyt, Clyde W., and Thomas. 2,820,092.
- Thomas, Lucius P., Jr., to Radio Corp. of America. Television receiver noise reduction. 2,829,247, 4-1-58, Cl. 250-20.
- Thomas, Marion E.: *See—*
De Boisblanc, Deslonde R., Thomas, Jones, Hanson, Webster, and Leyse. 2,857,324.
- Thomas, Marshall H.: *See—*
Peterson, Victor W., and Thomas. 2,833,385.
- Thomas, Michael. Threaded connector for attaching armored cable to a junction box wall. 2,859,984, 11-11-58, Cl. 285-158.
- Thomas, Morton I. Fastening of wide fabric to metal chair frames and the like. 2,856,990, 10-21-58, Cl. 155-187.
- Thomas, Orrin H., to J. L. Burke. Ignition timer for internal combustion engines. 2,820,857, 1-21-58, Cl. 200-30.
- Thomas, Orrin H., to Endicott Machine & Tool Co., Inc. Container and dispenser with crimping jaws for fish line pellet sinkers. 2,842,993, 7-15-58, Cl. 81-15.
- Thomas, Paul D.: *See—*
Buckley, Jay S., Jr., Drinkard, and Thomas. 2,831,000.
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- Thomas, Paul P.: *See—*
McFarland, Forest R., and Thomas. 2,840,386.
- Thomas, Paul R.: *See—*
Lyons, Joseph F., and Thomas. 2,841,555.
- Thomas, Peter C., and J. C. Horst, to The Thomas Equipment Co. Railway car axle bearing block centering and aligning device or gage. 2,819,536, 1-14-58, Cl. 33-185.
- Thomas, Ralph B., to Sylvania Electric Products Inc. Lamp-holder. 2,857,578, 10-21-58, Cl. 339-55.
- Thomas, Ralph D., to A. M. Sedges. Collapsible mandrel for manufacturing reinforcing cages. 2,861,602, 11-25-58, Cl. 140-92.2.
- Thomas, Reginald J., and S. F. Smith, to St. Anne's Board Mill Co. Ltd. Dewatering pulp or stock on a paper or board-making machine. 2,821,120, 1-28-58, Cl. 92-39.
- Thomas, Richard I.: *See—*
Buls, Vernon W., and Thomas. 2,835,693.
- Thomas, Robert K.: *See—*
Hillier, Elmer W. 2,827,741.
- Thomas, Robert L., 49% to K. Asamen. Ladder. 2,836,337, 5-27-58, Cl. 228-23.
- Thomas, Robert M.: *See—*
Wojeik, Bruno H., and Thomas. 2,822,410.
- Thomas, Robert M., and B. F. Dannels, to Olin Mathieson Chemical Corp. Glycerol production. 2,858,345, 10-28-58, Cl. 260-636.
- Thomas, Robert W.: *See—*
Platz, Elwood T., and Thomas. 2,859,300.
- Thomas, Robert W. Liquid container auxiliary closure. 2,828,886, 4-1-58, Cl. 220-93.
- Thomas, Rosswell W., to Phillips Petroleum Co. Process for purification of crystals. 2,854,494, 9-30-58, Cl. 260-674.
- Thomas, Stephen E., to The Magnavox Co. Bomb arming system. 2,845,003, 7-29-58, Cl. 89-1.5.
- Thomas, Stephen S.: *See—*
Hall, Carlton H. 2,838,883.
- Thomas, Theodore B. Machine for making hamburger patties. 2,853,734, 9-30-58, Cl. 17-32.
- Thomas, Thomas R., to Auto Research Corp. Lubricant pump. 2,856,024, 10-14-58, Cl. 184-27.
- Thomas, Thomas R., to Auto Research Corp. Lubrication. 2,865,301, 12-23-58, Cl. 103-117.
- Thomas, Thomas W., Jr. Boom stop ram. 2,840,244, 6-24-58, Cl. 212-39.
- Thomas, Tudor L.: *See—*
Eversole, William G., Thomas, and Ribaud. 2,819,887.
- Thomas, Walter M.: *See—*
Price John A., and Thomas. 2,840,550.
- Thomas, Walter M., to American Cyanamid Co. Unsaturated polyester resin composition containing as a catalytic promoter alkyl amino styrenes. 2,857,358, 10-21-58, Cl. 260-45.4.
- Thomas, Walter M., and F. A. V. Sullivan, to American Cyanamid Co. Polymerization process employing N-substituted benzosulfotriazine polymerization catalysts. 2,834,764, 5-13-58, Cl. 260-85.5.
- Thomas, Wesley C. Corneoscleral suturing forceps. 2,818,866, 1-7-58, Cl. 128-334.
- Thomas, Wilbur E., to Thomas Collators, Inc. Mechanical collator. 2,829,888, 4-8-58, Cl. 270-58.
- Thomas, Wilbur E. Paper ejector. 2,844,370, 7-22-58, Cl. 271-42.
- Thomas, William A., to Marvel Engineering Co. Magnetic filters. 2,838,179, 6-10-58, Cl. 210-223.
- Thomas, William A., to Marvel Engineering Co. Filters. 2,846,075, 8-5-58, Cl. 210-457.
- Thomas, William B., to Bates Mfg. Co. Process for the treatment of textile materials with epoxy resins and for curing the same. 2,829,072, 4-1-58, Cl. 117-139.4.
- Thomas, William E., to Prism Signs Inc. Animated sign and optical screen therefor. 2,824,396, 2-25-58, Cl. 40-132.
- Thomas, William J. Smoke ring producing toy gun. 2,855,714, 10-14-58, Cl. 42-57.
- Thomas, William W., to W. Waterman. Fluid metering valve. 2,826,216, 3-11-58, Cl. 137-503.
- Thomas, William W., to W. Waterman. Modulating regulators. 2,845,087, 7-29-58, Cl. 137-504.
- Thomason, Louis S., to Telecinicolor Enterprises, Inc. Separable motion picture film reel. 2,846,160, 8-5-58, Cl. 242-71.8.

- Thome, Leslie K., and H. A. Carlson, to ACF Industries, Inc. Secondary throttle operator for two-stage carburetors. 2,837,322, 6-3-58, Cl. 261-23.
- Thome, Robert, and A. Godfrin. Gas-fired boiler, more particularly for central heating plants. 2,832,320, 4-29-58, Cl. 122-121.
- Thomeczek, Eugene J. Work holder. 2,845,828, 8-5-58, Cl. 82-31.
- Thomiszer, Hubert J. Indicating device for ladders and the like. 2,845,719, 8-5-58, Cl. 33-207.
- Thommen, Hans, to Aktiengesellschaft Brown, Boveri & Cie. Circuit breaker with combined magnetic and air blasting devices for arc extinction. 2,822,449, 2-4-58, Cl. 200-147.
- Thommen, Hans, to Aktiengesellschaft Brown, Boveri & Cie. Gas-blast circuit breaker with multiple break. 2,824,196, 2-18-58, Cl. 200-145.
- Thompson, Adam R. Supercharger and fuel distributor system for V-type internal combustion engines. 2,844,133, 7-22-58, Cl. 123-119.
- Thompson, Alec G.: See—
- Marsh, John T., Bell, and Thompson. 2,839,429.
- Thompson, Alfred R., Jr. Loading die with bullet seating insert. 2,826,111, 3-11-58, Cl. 86-43.
- Thompson, Archibald W., and A. S. Freeborn, to Dussek Brothers & Co. Ltd. Electric cable and condenser insulation including Fisher-Tropsch wax. 2,857,350, 10-21-58, Cl. 260-27.
- Thompson, Arnold M., to Thompson Tool and Mfg. Co. Utility cabinet assembly. 2,861,578, 11-25-58, Cl. 132-73.6.
- Thompson, Belton S. Traction device. 2,828,735, 4-1-58, Cl. 128-75.
- Thompson, Bernard H. M., to Hercules Powder Co. Separation of organic compounds. 2,856,433, 10-14-58, Cl. 260-610.
- Thompson, Boyce, Institute for Plant Research, Inc.: See—
- Prill, Edward A. 2,836,538.
- Thompson, Bruce R., and H. A. Stansbury, Jr., to Union Carbide Corp. Copolymers of vinyl chloride and 2-chloroallylidene diacetate. 2,853,477, 9-23-58, Cl. 260-87.1.
- Thompson, Burl F., to Thompson Mfg. Co. Chair attachment. 2,841,211, 7-1-58, Cl. 155-188.
- Thompson, Burnett F., $\frac{1}{2}$ to W. A. Wittman, and $\frac{2}{3}$ to Ben-Jac Enterprises Inc. Multi-use article of juvenile furniture. 2,857,956, 10-28-58, Cl. 155-124.
- Thompson, Charles C. Knife. 2,834,108, 5-13-58, Cl. 30-355.
- Thompson, Charles E.: See—
- Mikeska, Louis A., Bartlett, Thompson, and Morway. 2,819,211.
- Thompson, Clarkson J.: See—
- Douglas, David W. 2,829,638.
- Thompson, Claude H. Combined throttle and brake control for automobiles. 2,823,774, 2-18-58, Cl. 192-3.
- Thompson, Claude S. Composition for detecting moisture leakage. 2,845,394, 7-29-58, Cl. 252-408.
- Thompson, Clyde L. Gasoline tank with anti-splash closure. 2,849,147, 8-26-58, Cl. 220-44.
- Thompson and Co.: See—
- Rosenbloom, Harold. 2,839,438.
- Thompson, Douglas G.: See—
- Detweiler, James I., and Thompson. 2,826,437.
- Thompson, Earl A. Centrifugal chuck. 2,830,822, 4-15-58, Cl. 279-66.
- Thompson, Earl A. Tappet Construction. 2,865,352, 12-23-58, Cl. 123-90.
- Thompson, Edgar H. Photogrammetric plotter. 2,863,217, 12-9-58, Cl. 33-20.
- Thompson, Edna W.: See—
- Thompson, James F. 2,865,771.
- Thompson, Edward W. Child's rocker toy. 2,844,188, 7-22-58, Cl. 155-75.
- Thompson, Elmer E., to Globe Hoist Co. Vehicle lift. 2,827,979, 3-25-58, Cl. 187-84.1.
- Thompson, Elmer O.: See—
- Sadowsky, Meier, and Thompson. 2,831,455.
- Thompson, Emery, Jr., to Emery Thompson Machine & Supply Co. Dasher means for frozen confections producing apparatus. 2,847,197, 8-12-58, Cl. 259-109.
- Thompson, Emery, Machine & Supply Co.: See—
- Thompson, Emery, Jr. 2,847,197.
- Thompson, Emmett C. Suction ash tray. 2,851,156, 9-9-58, Cl. 206-19.5.
- Thompson, Ernest H., to Automatic Canteen Co. of America. Selective article vending machine. 2,836,327, 5-27-58, Cl. 221-116.
- Thompson, Ernest H. Clothes dryer. 2,851,793, 9-16-58, Cl. 34-133.
- Thompson, Ernest S., to himself and E. Thompson. Straw chopper for combine. 2,842,175, 7-8-58, Cl. 146-123.
- Thompson, Ethel: See—
- Thompson, Ernest S. 2,842,175.
- Thompson, Francis T., to Westinghouse Electric Corp. Television apparatus. 2,849,648, 8-26-58, Cl. 315-24.
- Thompson, Frederick C., 60% to G. F. Shea, 35% to J. A. Mullen, and 5% to N. J. Matthews. Method for producing reinforced plastic, resinous, or like structural bodies, forms, linings and coatings. 2,850,421, 9-2-58, Cl. 154-101.
- Thompson, George A. Well point. 2,835,328, 5-20-58, Cl. 166-157.
- Thompson, George H.: See—
- Powell, William N. 2,843,216.
- Thompson, George V. Incinerator with battle. 2,850,991, 9-9-58, Cl. 110-18.
- Thompson, Glenn L., to Transall Inc. Bearing mounting and seals therefor. 2,858,176, 10-28-58, Cl. 308-187.1.
- Thompson, Grant, to E. I. du Pont de Nemours and Co. Unsaturated sulfonamides of chlorosulfonated olefin polymers. 2,852,497, 9-16-58, Cl. 260-79.3.
- Thompson, Harris: See—
- Ryznar, John W., and Thompson. 2,845,338.
- Thompson, Harry E., to The Ohio Foundry & Mfg. Co. Blower unit for wall heaters. 2,834,279, 5-13-58, Cl. 98-38.
- Thompson, Harry E., to The Ohio Foundry & Mfg. Co. Blower unit for heaters. 2,866,399, 12-30-58, Cl. 98-39.
- Thompson, Harry W., to Chicago Transall Corp. Rim lift hoist for barrels. 2,848,128, 8-19-58, Cl. 214-653.
- Thompson, Harvey G. Container. 2,866,488, 12-30-58, Cl. 150-5.
- Thompson, Hazel: See—
- Durst, Charlie L., and Thompson. 2,822,615.
- Thompson, Herman M., to G. Schultz and M. V. Rother. Leg support for invalids' folding chair. 2,826,242, 3-11-58, Cl. 155-171.
- Thompson, Howard A., to Westinghouse Air Brake Co. Supplemental signaling system for special railway vehicle. 2,822,463, 2-4-58, Cl. 246-33.
- Thompson, Hugh B., to Northrop Aircraft, Inc. Mechanical stick force producer. 2,866,611, 12-30-58, Cl. 244-83.
- Thompson Industries, Inc.: See—
- Martin, William H. 2,850,713.
- Thompson, Ivan P.: See—
- Allmang, William, Hartman, and Thompson. 2,838,431.
- Thompson, Jack E. S., to Remington Arms Co., Inc. Assembly machine. 2,824,484, 2-25-58, Cl. 86-45.
- Thompson, James C. Dipper door brake assembly. 2,840,253, 6-24-58, Cl. 214-146.
- Thompson, James D. Writing advertizing sign. 2,831,284, 4-22-58, Cl. 40-137.
- Thompson, James E.: See—
- McEwan, James, and Thompson. 2,857,943.
- Thompson, James F. Adaptor for a magazine. 2,840,944, 7-1-58, Cl. 42-50.
- Thompson, James F., deceased; E. W. Thompson, executrix, to Sterling Drug Inc. Bronze-resistant compositions comprising tetrabromofluorescein lead salt and preparation thereof. 2,865,771, 12-23-58, Cl. 106-23.
- Thompson, James I. A.: See—
- Craig, Robert D., and Thompson. 2,837,653.
- Thompson, Jence F. Restraining device. 2,827,898, 3-25-58, Cl. 128-134.
- Thompson, Jennings B., to Guiberson Corp. Well packer assembly for packing the annular space between conduits in a well. 2,862,563, 12-2-58, Cl. 166-204.
- Thompson, John B.: See—
- Gearhart, William M., and Thompson. 2,839,399.
- Thompson, John L.: See—
- Sebek, Oldrick K., Spero, and Thompson. 2,864,837.
- Spero, George B., and Thompson. 2,849,448.
- Thompson, John W.: See—
- Lappin, Gerald R., and Thompson. 2,865,723.
- Thompson, John W., and W. V. McConnell, to Eastman Kodak Co. Stabilized hydrocarbon compositions and antioxidant therefor. 2,843,468, 7-15-58, Cl. 44-74.
- Thompson, Joseph J., and M. M. Raymer, Jr., to Kellogg Co. Production of ready-to-eat composite flaked cereal products. 2,836,495, 5-27-58, Cl. 99-81.
- Thompson, Josephine K. and T. D. Reversible dust mop. 2,831,207, 4-22-58, Cl. 15-228.
- Thompson, Kenneth B.: See—
- Brown, Ernest M. 2,820,261.
- Thompson, Kenneth B., $\frac{1}{2}$ to Penn Optical and Instrument Co. Interferometer. 2,846,919, 8-12-58, Cl. 88-14.
- Thompson, Kenneth B. Retractable seal for a hinged door. 2,848,767, 8-26-58, Cl. 20-68.
- Thompson, Lee L. Diverter valve sampler. 2,842,965, 7-15-58, Cl. 73-422.
- Thompson, Leland E., to Radio Corp. of America. Frequency division multiplexing. 2,819,344, 1-7-58, Cl. 179-15.
- Thompson, Leo R., to Northrop Aircraft, Inc. Safety valve. 2,856,954, 10-21-58, Cl. 137-467.
- Thompson, Leslie E., H. F. Reeves, Jr., and S. F. Belt, to Morton Salt Co. Preparation of gel catalyst. 2,824,076, 2-18-58, Cl. 252-448.
- Thompson, Lincoln C.: See—
- Lyon, William H., and Thompson. 2,826,642.
- Thompson, Lloyd, 15% to B. C. Calvin, 30% to F. O. Calvin, and 25% to C. L. Sherwood. Moving picture projector for film having sound track. 2,827,285, 3-18-58, Cl. 271-2.3.
- Thompson, Lloyd W., and S. Klein, to Marspring Corp. Cushion or mattress construction and method of manufacture. 2,862,214, 12-2-58, Cl. 5-353.
- Thompson, Louis H.: See—
- Keefer, Herbert D., and Thompson. 2,866,643.
- Thompson, Lyle G., to Burroughs Corp. Magnetic memory storage circuits and apparatus. 2,822,532, 2-4-58, Cl. 340-174.
- Thompson, Malcolm F.: See—
- Mintz, Martin, Shere, Thompson, and Wittkopf. 2,843,818.
- Thompson, Malcolm F., to North American Aviation, Inc. Current limited magnetic pulse generator. 2,851,616, 9-9-58, Cl. 307-106.

- Thompson Mfg. Co.: *See*—
Thompson, Burl F. 2,841,211.
- Thompson, Mary E.: *See*—
Simpkins, Walter F. 2,839,326.
Simpkins, Walter F. 2,839,327.
Simpkins, Walter F. 2,839,330.
- Thompson, Max C. Steam cleaner. 2,860,917, 11-18-58, Cl. 299-84.
- Thompson, Mervin L.: *See*—
Drum, Harry R., and Thompson. 2,828,556.
- Thompson, Norman D., and J. S. Gruver, to Gerlinger Carrier Co. Spring suspension for industrial trucks. 2,851,119, 9-9-58, Cl. 180-54.
- Thompson, Paige W., and A. T. Zent, to General Electric Co. Bearing construction. 2,850,335, 9-2-58, Cl. 308-121.
- Thompson, Parke H.: *See*—
Stevenson, Albert E., and Thompson. 2,850,980.
- Thompson Products, Inc.: *See*—
Aldredge, Marshall H. 2,855,665.
Aldredge, Marshall H., and Marquis. 2,830,833.
Allen, Clifford H. 2,830,566.
Allen, Clifford H., and Gleeson. 2,847,982.
Anderson, Robert J., Gennert, and Lepley. 2,823,685.
Anderson, Robert J., Gennert, and Lepley. 2,823,686.
Aspelin, Leslie L. 2,829,805.
Aspelin, Leslie L. 2,853,948.
Aspelin, Leslie L. 2,853,952.
Aspelin, Leslie L. 2,855,854.
Bartlett, Kenneth M. 2,862,686.
Bartlett, Kenneth M., and Turner. 2,854,739.
Bayer, Frank C. 2,833,602.
Bayer, Frank C. 2,845,939.
Bayer, Frank C. 2,848,186.
Blauvelt, Ralph C. 2,863,107.
Booth, James H. 2,823,055.
Booth, James H. 2,852,288.
Booth, James H. 2,853,326.
Brodie, George H. 2,857,461.
Cliborn, Robert. 2,835,203.
Cliborn, Robert, and Nordquest. 2,865,297.
Di Stefano, John F. 2,863,395.
Edgar, John S. 2,862,744.
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Fairweather, Stephen H. 2,832,030.
Fairweather, Stephen H., and Seldner. 2,839,694.
Fathauer, George H. 2,820,922.
Fathauer, George H. 2,824,230.
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Fidler, Robert E. 2,838,330.
Gannon, Howard M. 2,819,706.
Guth, Fred H. 2,831,159.
Guth, Fred H. 2,831,160.
Guth, Fred H. 2,832,031.
Guth, Fred H. 2,832,037.
Hall, George V. B. 2,846,850.
Heiss, John P. 2,823,579.
Heiss, John P. 2,840,315.
Herbenar, Edward J. 2,827,303.
Herbenar, Edward J. 2,830,767.
Herbenar, Edward J. 2,840,316.
Herbenar, Edward J. 2,845,869.
Herbenar, Edward J. 2,846,251.
Herbenar, Edward J. 2,848,056.
Herbenar, Edward J. 2,849,888.
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Howell Forrest W. 2,848,361.
Jacques, Robert B. 2,844,791.
Jones, Ernest A. 2,820,951.
Kresse, Arthur O. 2,829,490.
McCann, Joseph A. 2,844,787.
McCormack, Alex A. 2,827,226.
Millen, James J. 2,830,358.
Murray, John F. 2,823,518.
Murray, John F. 2,865,302.
Murray, John F., and Osborne. 2,855,855.
Murray, John F., and Osborne. 2,855,856.
Newton, John A. 2,827,031.
Newton, John A. 2,863,427.
Newton, John A., and Tauschek. 2,865,359.
Norton, Samuel H. 2,827,029.
Norton, Samuel H. 2,834,096.
Norton, Samuel H. 2,834,392.
Norton, Samuel H. 2,848,985.
Norton, Samuel H. 2,855,915.
Norton, Samuel H. 2,863,428.
Paetz, Robert A. 2,819,732.
Paetz, Robert A. 2,840,299.
Perkes, Fred T., and Vernon. 2,863,263.
Prasse, Herbert F., and Armstrong. 2,827,373.
Pressel, Paul I. 2,831,170.
Robison, Morris M., and Lodge. 2,827,613.
Roush, Milton S. 2,819,515.
Sacks, Norman M. 2,834,432.
Sampietro, Achilles C. 2,819,881.
Sampietro, Achilles C. 2,824,555.
Sampietro, Achilles C. 2,830,860.
Sampietro, Achilles C. 2,831,469.
Sampietro, Achilles C. 2,845,587.
Sampietro, Achilles C. 2,845,588.
Sampietro, Achilles C. 2,847,981.
Sampietro, Achilles C. 2,853,984.
Sampietro, Achilles C. 2,860,300.
Sampietro, Achilles C. 2,863,430.
- Thompson Products, Inc.: *See*—Continued
Sampietro, Achilles C. 2,865,353.
Sampietro, Achilles C., and Jeromson. 2,850,878.
Schnabel, Julius W. 2,850,879.
Schroeder, Victor C. 2,848,283.
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Snyder, Jacob R., and Taylor. 2,819,920.
Stieglitz, Henry C. 2,830,410.
Thrap, John E., and Roller. 2,839,003.
Wainer, Eugene, and Platt. 2,848,586.
Wildberg, Leslie K. 2,848,182.
- Thompson, Quentin E.: *See*—
Raffelson, Harold, and Thompson. 2,836,617.
- Thompson, Ralph B.: *See*—
Cyba, Henry A., and Thompson. 2,844,446.
- Thompson, Ralph B., to Universal Oil Products Co. Corrosion inhibitors. 2,857,333, 10-21-58, Cl. 252-389.
- Thompson, Ralph B., to Universal Oil Products Co. Corrosion inhibitors. 2,857,334, 10-21-58, Cl. 252-389.
- Thompson, Ralph B., to Universal Oil Products Co. Antioxidation of rubber with certain alkylaminoquinolines. 2,861,975, 11-25-58, Cl. 260-45.8.
- Thompson, Ralph B., to Universal Oil Products Co. Stabilization of organic compounds. 2,864,676, 12-16-58, Cl. 44-63.
- Thompson, Ralph B., and J. A. Chenicek, to Universal Oil Products Co. Production of esters of dithiocarboxylic acids. 2,846,461, 8-5-58, Cl. 260-455.
- Thompson, Reynald E., to Motorola, Inc. Tuner drive mechanism. 2,834,216, 5-13-58, Cl. 74-10.85.
- Thompson, Reynald E., to Motorola, Inc. Tuning apparatus. 2,834,886, 5-13-58, Cl. 250-40.
- Thompson, Richard A., to Colonial Broach Co. Combined horizontal and vertical broaching machine. 2,849,928, 9-2-58, Cl. 90-33.
- Thompson, Richard H.: *See*—
Gray, C. F., and Thompson. 2,852,823.
Gray, C. F., and Thompson. 2,854,713.
- Thompson, Robert E. Process of preparation of a gelatin-carboxymethyl cellulose complex. 2,824,092, 2-18-58, Cl. 260-117.
- Thompson, Robert E., to Des Moines Glove & Mfg. Co., Inc. Divider construction for golf club bag. 2,866,490, 12-30-58, Cl. 150-1.5.
- Thompson, Robert E. S., and E. V. Bishop, to Thompson Trailer Corp. Thermally insulating truck van walls. 2,858,580, 11-4-58, Cl. 20-2.
- Thompson, Robert L.: *See*—
Wise, Boyd A., Cooper, and Thompson. 2,858,108.
Yerrid, Andrew N., and Thompson. 2,825,513.
- Thompson, Robert T. Container seal. 2,861,710, 11-25-58, Cl. 220-27.
- Thompson, Roger D., and J. W. Schwartz, to Radio Corp. of America. Color television system. 2,837,687, 6-8-58, Cl. 315-10.
- Thompson, Russell A., Jr., and J. F. Richards, to Esso Research and Engineering Co. Process for preparing mixed-salt grease compositions. 2,850,457, 9-2-58, Cl. 252-39.
- Thompson, Sanford P.: *See*—
Saxon, Harold L., and Thompson. 2,859,433.
- Thompson, Seaborn E. Pavement widening machine. 2,848,930, 8-26-58, Cl. 94-44.
- Thompson, Stanley G.: *See*—
Dreher, John L., and Thompson. 2,819,143.
James, Ralph A., and Thompson. 2,863,892.
James, Ralph A., and Thompson. 2,865,705.
- Thompson, Stanley G., to United States of America, Atomic Energy Commission. Plutonium carrier metathesis with organic reagent. 2,841,469, 7-1-58, Cl. 23-14.5.
- Thompson, Stanley H. A., to The Tan-Sad Chair Co. (1931) Ltd. Adjustable clamping means for the back rest of a chair or seat. 2,845,994, 8-5-58, Cl. 155-160.
- Thompson, Stanley H. A., to The Tan-Sad Chair Co. (1931) Ltd. Rotatable oscillatory seats for association with pedal operated machinery. 2,865,429, 12-23-58, Cl. 155-81.
- Thompson-Starrett Co., Inc.: *See*—
Dawson, Raymond E. 2,834,462.
- Thompson, Talmadge D. Culvert and syphon cleaner. 2,849,735, 9-2-58, Cl. 15-104.3.
- Thompson, Theodore F. Connecting pin having depressible abutment element. 2,858,725, 11-4-58, Cl. 85-5.
- Thompson, Thomas W., and C. K. Raynsford, to Vitro Corp. of America. Interval timer. 2,844,790, 7-22-58, Cl. 324-68.
- Thompson, Thurman D.: *See*—
Thompson, Josephine K., and Thompson. 2,831,207.
- Thompson Tool and Mfg. Co.: *See*—
Thompson, Arnold M. 2,861,578.
- Thompson Trailer Corp.: *See*—
Thompson, Robert E. S., and Bishop. 2,858,580.
- Thompson, Virgil V., and B. S. Elliot. Adjusting tool for pipe protectors. 2,828,535, 4-1-58, Cl. 29-236.
- Thompson, Wallace M., to Harris Foundry & Machine Co. Rotary brush cutter. 2,821,831, 2-4-48, Cl. 55-62.
- Thompson, Wallace M., A. G. Swint, Jr., and W. C. Little, to Harris Foundry & Machine Co. Baling press. 2,865,284, 12-23-58, Cl. 100-232.

- Thompson, Wallace W., to E. I. du Pont de Nemours and Co., Production of cyclohexylsulfamates. 2,826,605, 3-11-58, Cl. 260-500.
- Thompson, Walter O., Cotton weighing machine. 2,854,227, 9-30-58, Cl. 265-40.
- Thompson, Walter S., and S. Rosen, to Milprint, Inc., Apparatus for opening bags. 2,813,988, 7-22-58, Cl. 53-586.
- Thompson, Warren L.: *See*—
Provine, Robert W., Mehlhorn, Thompson, and Lawson. 2,821,485.
- Provine, Robert W., Mehlhorn, Thompson, and Lawson. 2,860,066.
- Thompson, Wendell L.: *See*—
Cooley, Hal. 2,840,659.
- Thompson, William B.: *See*—
Gribler, Ludwig A., and Thompson. 2,824,550.
- Lincoln, Clovis W., Watling, and Thompson. 2,858,805.
- Lincoln, Clovis W., Zeigler, and Thompson. 2,828,829.
- Thompson, William E., to Sun Oil Co., Aqueous drilling fluid. 2,828,258, 3-25-58, Cl. 252-8.5.
- Thompson, William E., to Sun Oil Co., Wetting agents and their preparation. 2,860,143, 11-11-58, Cl. 260-309.6.
- Thompson, William E., to Sun Oil Co., Well drilling composition and method. 2,863,831, 12-9-58, Cl. 252-8.5.
- Thompson, William E., and F. A. Boyle, to Sun Oil Co., Secondary recovery of oil. 2,830,018, 4-8-58, Cl. 252-8.5.
- Thompson, William E., and C. N. White, to Sun Oil Co., Drilling mud. 2,836,556, 5-27-58, Cl. 252-8.5.
- Thompson, William E., and R. W. Shinn, to Sun Oil Co., Decolorization of lubricating oils. 2,861,952, 11-25-58, Cl. 252-50.
- Thompson, William F., Dimlight indicator. 2,828,407, 3-25-58, Cl. 240-7.1.
- Thompson, William I., to United States of America, Atomic Energy Commission, Cold traps. 2,853,859, 9-30-58, Cl. 62-40.
- Thompson, William M.: *See*—
Goertz, Raymond C., Thompson, and Olsen. 2,846,084.
- Thompson, William S., Shepard Niles Crane and Hoist Corp., Load hook safety catch. 2,835,013, 5-20-58, Cl. 24-241.
- Thompson, Willie M. S., Railway air brake system. 2,855,247, 10-7-58, Cl. 303-86.
- Thompson, Wilmer B.: *See*—
Schaefer, Edward E. 2,844,047.
- Thoms, Ernst E., Pouch for precision tools. 2,822,848, 2-11-58, Cl. 150-52.
- Thoms, John L., to Ford Motor Co., Motor vehicle tire construction. 2,864,424, 12-16-58, Cl. 152-330.
- Thoms, Richard K., Antivaginitis process and cation exchange resin composition. 2,823,163, 2-11-58, Cl. 167-58.
- Thomson, Alfred M., Regenerating spent cooking liquors produced in making paper pulp. 2,855,272, 10-7-58, Cl. 23-63.
- Thomson, Alfred M., to The Champion Paper and Fibre Co., Method of making titanium dioxide. 2,858,193, 10-28-58, Cl. 23-202.
- Thomsen, Niels C., Jar dispenser cap. 2,826,345, 3-11-58, Cl. 222-485.
- Thomsen, Niels C., Self centering multiple boring tool holder. 2,848,913, 8-26-58, Cl. 77-58.
- Thomson, Theodore R., to Robotron Corp., Comparator circuit using photo multiplier tubes. 2,842,672, 7-8-58, Cl. 250-83.3.
- Thomson, Theodore R., to Robotron Corp., Current compensator control for welding circuit. 2,844,784, 7-22-58, Cl. 323-18.
- Thomson, William A. V., to Specialties Development Corp., Direction valve. 2,831,498, 4-22-58, Cl. 137-455.
- Thomson, Byron C., and P. F. Oswald, to Thomson Machinery Co., Pick-up attachment for cane harvesters. 2,840,973, 7-1-58, Cl. 56-15.
- Thomson, Daniel E.: *See*—
Nelson, Miles W., and Thomson. 2,836,914.
- Thomson, Daniel E., and M. W. Nelson, Advertising sign structure for mounting on vehicles. 2,836,913, 6-3-58, Cl. 40-129.
- Thomson, Edward, Shock load clutch with automatic reset. 2,829,749, 4-8-58, Cl. 192-56.
- Thomson, Edward, Inertia operated switching device. 2,830,147, 4-8-58, Cl. 200-61.46.
- Thomson Electric Welder Co.: *See*—
Jacob, Fraser B. 2,830,167.
- Thomson, Ian F., and L. S. Baker, to General Dynamics Corp., Actuating mechanism. 2,821,610, 1-28-58, Cl. 200-166.
- Thomson, John B.: *See*—
Stark, James A. 2,860,495.
- Thomson, John B., Resiliently backed plastic bearing. 2,851,314, 9-9-58, Cl. 308-26.
- Thomson, John B., Sleeve bearing with plastic liner. 2,851,316, 9-9-58, Cl. 308-238.
- Thomson, John C., Roof gutter. 2,843,063, 7-15-58, Cl. 108-28.
- Thomson, John T., Jr.: *See*—
Haggerty, Patrick E., Olson, Congdon, Toomey, Thomson, and Byers. 2,857,510.
- Thomson, John W., Jr.: *See*—
Drennan, James G., and Thomson. 2,835,963.
- Thomson Machinery Co.: *See*—
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- Thomson, Meredith C.: *See*—
Stoelling, Carl R., and Thomson. 2,838,288.
- Thomson, Procter, to The Procter & Gamble Co., Apparatus and method for steam deodorizing of fats and oils. 2,845,444, 7-29-58, Cl. 260-428.
- Thomson, Robert F., to General Motors Corp., Sintered powdered copper base bearing. 2,831,243, 4-22-58, Cl. 29-182.5.
- Thomson, Robert F., to General Motors Corp., Sintered powdered copper base metal and bearing formed thereof. 2,849,789, 9-2-58, Cl. 29-182.
- Thomson, Robert F., to General Motors Corp., Sintered powdered metal piston rings. 2,853,659, 10-14-58, Cl. 29-182.5.
- Thomson, Ronald C.: *See*—
Levy, Norman, and Thomson. 2,834,816.
- Thomson, William P., to Standard Oil Co., Production of Cs alcohols by improved oxo process. 2,850,541, 9-2-58, Cl. 260-638.
- Thomson, Winslow E.: *See*—
Woodward, Bernard, Jr., and Thomson. 2,859,784.
- Thone, Karl, G. Olsen, J. Karkheck and K. Samsonsen, to Sperry Rand Corp., Ford Instrument Co. Division, Wire twisting machine. 2,835,283, 5-20-58, Cl. 140-149.
- Thonemann, Peter C., to English Electric Valve Co., Ltd., Amplifier tube. 2,855,638, 10-7-58, Cl. 315-5.39.
- Thor Power Tool Co.: *See*—
Berge, Olav O. 2,853,273.
- Fuehrer, George H. 2,820,611.
- Fuehrer, George H. 2,820,612.
- Kaman, Frank A. 2,836,272.
- Thorburn, David H.: *See*—
Panza, Joseph E., and Thorburn. 2,828,075.
- Thorburn, David H., to The Powers Regulator Co., Packing element. 2,831,714, 4-22-58, Cl. 286-35.
- Thorburn, Milton R., to American Optical Co., Visual training device. 2,837,086, 6-3-58, Cl. 128-76.5.
- Thoren, Herbert A.: *See*—
Uddenberg, Göran O., and Thoren. 2,831,473.
- Thoren, Theodore R.: *See*—
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- Thorens S. A.: *See*—
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- Thoresen, Carl B., Convertible roller skate and ski. 2,819,907, 1-14-58, Cl. 280-7.13.
- Thorildsson, Karl-John T.: *See*—
Küller, Nils-Erik G., and Thorildsson. 2,822,756.
- Küller, Nils-Erik G., and Thorildsson. 2,824,496.
- Küller, Nils-Erik G., and Thorildsson. 2,842,058.
- Thorington, Luke: *See*—
Hierholzer, Frank J., Jr., and Thorington. 2,838,705.
- Thorington, Luke, to Westinghouse Electric Corp., Manganese-activated, magnesium-zinc fluorogermanate phosphor. 2,851,425, 9-9-58, Cl. 252-301.6.
- Thorney, Thomas and R. Robinson, to Imperial Chemical Industries Ltd., Arc welding. 2,863,982, 12-9-58, Cl. 219-74.
- Thorn Electrical Industries Ltd.: *See*—
Mash, Derek H. 2,866,182.
- Ranby, Peter W. 2,866,116.
- Squire, Major, Turner, and Stevens. 2,823,299.
- Stevens, Bertram. 2,860,234.
- Strange, John W., and Lockyer. 2,848,654.
- Strange, John W., Waigh, and Bloxidge. 2,866,133.
- Thorn, Glenn E., R. E. Atkinson, and E. B. Dietrich, to Schenley Industries, Inc., Bottle stopper assembling machine. 2,853,770, 9-30-58, Cl. 29-208.
- Thorn, Harry F., to George W. Swift, Jr., Inc., Automatically regulated adhesive applying apparatus. 2,827,873, 3-25-58, Cl. 118-7.
- Thorn, James D., and A. V. G. Jackman, to Ruston & Hornsby Ltd., Gas-turbo engines. 2,855,246, 10-7-58, Cl. 302-17.
- Thorn, John P.: *See*—
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- Betts, Joseph L., Jr., and Thorn. 2,861,966.
- Vanderbilt, Byron M., Thorn, and Serniuk. 2,850,368.
- Thorn, John P., W. R. F. Guyer, and E. Arundale, to Esso Research and Engineering Co., Promoted hydroforming catalyst. 2,861,959, 11-25-58, Cl. 252-465.
- Thornberg, Joseph E.: *See*—
Buchanan, Donald A., Miller, and Thornberg. 2,861,040.
- James, Harry, Sconce, and Thornberg. 2,829,039.
- Thornberg, Karl G. F.: *See*—
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- Thornbery, James M., and R. N. Modjeski, to Acme Steel Co., Strap sealing tool. 2,832,243, 4-29-58, Cl. 81-9.1.
- Thornbery, John H., to Baso Inc., Multiple burner control. 2,823,741, 2-18-58, Cl. 158-123.
- Thornbery John H., to Baso Inc., Burner control system. 2,840,095, 6-24-58, Cl. 137-66.
- Thornbery, John H., and R. B. Matthews, to Baso Inc., Electromagnetic control with magnetic shunt safety means. 2,849,663, 8-26-58, Cl. 317-197.
- Thornburg, David L., to Radio Corp. of America, Supporting device for helix in traveling wave tubes. 2,847,608, 8-12-58, Cl. 315-3.5.
- Thornburg, Herbert W.: *See*—
Hudson, Tom N., Thornburg, and Haisch. 2,865,603.
- Thornburg, Herbert W., to Bucyrus-Erie Co., Fluid-operated spudding mechanism. 2,863,637, 12-9-58, Cl. 255-10.
- Thornburg, Herbert W., to Bucyrus-Erie Co., Rotary drill string apparatus. 2,863,638, 12-9-58, Cl. 255-19.

- Thornburg, Herbert W., and I. C. Smith, to Bucyrus Erie Co. Tool-gauge. 2,825,535, 3-4-58, Cl. 255-5.
- Thorne, Harold. Latches for doors. 2,832,624, 4-29-58, Cl. 292-169.
- Thorne, Maurice A.: *See*—
Chayne, Charles A., and Thorne. 2,840,368.
- Thorne, Maurice A., to General Motors Corp. Vehicle half axle drive assembly. 2,857,975, 10-28-58, Cl. 180-73.
- Thorne, Maurice A., to General Motors Corp. Seat. 2,865,436, 12-23-58, Cl. 155-184.
- Thorne, Maurice A., and L. M. Forbush, to General Motors Corp. Combination hydraulic and mechanical brake. 2,859,839, 11-11-58, Cl. 188-78.
- Thorne, Richard S. W., to Jorgensen's, Alfred, gaeringsfysiologiske Laboratorium. Reducing the tendency of beer towards gushing and increasing its foam stability. 2,865,755, 12-23-58, Cl. 99-48.
- Thorne, Thomas G., to Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Aerial systems. 2,834,014, 5-6-58, Cl. 343-771.
- Thorne, Robert H. Governor device. 2,835,237, 5-20-58, Cl. 123-102.
- Thornhill, Fred S., and J. E. Morgan, to Columbia-Southern Chemical Corp. Treatment of silica. 2,863,727, 12-9-58, Cl. 23-182.
- Thornhill, Jay W., to Texas Instruments Inc. Full wave rectifier structure and method of preparing same. 2,847,623, 8-12-58, Cl. 317-234.
- Thornhill, Norman B., to E. L. Wiegand Co. Electric heaters. 2,846,537, 8-5-58, Cl. 201-67.
- Thornley, Kendall. Potato diggers. 2,844,208, 7-22-58, Cl. 171-89.
- Thornsberry, Herman F., to T and C Mfg. Co. Carton filler. 2,852,044, 9-16-58, Cl. 141-144.
- Thornsbury, Harry, to The F. A. Neider Co. Cushioned swivel glide. 2,848,733, 8-26-58, Cl. 16-42.
- Thornsbury, Harry, to The F. A. Neider Co. Swivel glide unit for furniture legs. 2,860,368, 11-18-58, Cl. 16-42.
- Thornstens, Harold C. Self-locking set screw having frangible intermediate portion. 2,830,635, 4-15-58, Cl. 151-14.
- Thornton, Garnett M. Variable speed transmission. 2,828,845, 4-1-58, Cl. 192-96.
- Thornton, James R.: *See*—
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- Thornton, Jens, to United States of America, Atomic Energy Commission. Calutrons. 2,850,637, 9-2-58, Cl. 250-41.9.
- Thornton, Matthew H. Apparatus for removing fish bones. 2,825,928, 3-11-58, Cl. 17-7.
- Thornton, Matthew H. Method for removing fish bones. 2,825,929, 3-11-58, Cl. 17-45.
- Thornton, Matthew H. Tent carried on vehicle. 2,825,351, 3-4-58, Cl. 135-1.
- Thornton, Matthew H. Glare shielding structure. 2,861,496, 11-25-58, Cl. 88-41.
- Thornton, Newman C.: *See*—
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- Thornton, Richard S., to The New York Air Brake Co. Balanced single passage impeller pump. 2,853,019, 9-23-58, Cl. 103-103.
- Thornton, Robert M.: *See*—
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- Thorp, Clark E., and A. J. Gaynor, to The Cudahy Packing Co. Method of producing ozonides of unsaturated fatty acids. 2,857,410, 10-21-58, Cl. 260-406.
- Thorp, Edgar M., to The B. F. Goodrich Co. Portable fountain syringe. 2,827,902, 3-25-58, Cl. 128-227.
- Thorp, Alfred E. Liquid fuel burners. 2,832,404, 4-29-58, Cl. 158-88.
- Thorp, Alvia G.: *See*—
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- Thorp, Joseph. Hydraulic power unit. 2,837,062, 6-3-58, Cl. 121-63.
- Thorp, Robert J., and R. A. Neal, to United States of America, Navy. Automatic compressor pressure limiter. 2,841,957, 7-8-58, Cl. 60-39.28.
- Thorp, Roy E.: *See*—
Bell, Edward R., and Bell. 2,831,881.
- Thorson, Harry L., to General Electric Co. Shock mount for electric discharge devices. 2,832,057, 4-22-58, Cl. 339-93.
- Thorson, Lloyd A., to The Ohio Crankshaft Co. High-frequency inductor arrangement for continuous seam welding. 2,841,678, 7-1-58, Cl. 219-8.5.
- Thorsson, Matthew T., to Fairbanks, Morse & Co. Binary weighing system. 2,819,054, 1-7-58, Cl. 265-70.
- Thorsson, Matthew T., and J. A. Roberts, to Fairbanks, Morse & Co. Automatic range changer with weight pick-up. 2,864,605, 12-16-58, Cl. 265-48.
- Thorstens, Harold C. Broaching attachment. 2,849,929, 9-2-58, Cl. 90-33.
- Thrap, John E., and R. C. Rolier, to Thompson Products, Inc. Combination flow control and relief valve. 2,839,003, 6-17-58, Cl. 103-42.
- Thrasher, J. W.: *See*—
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- Thraum, Werner: *See*—
Jonas, Heinz, and Thraum. 2,844,617.
- Threadgold, Ronald: *See*—
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- Threadwell Tap & Die Co.: *See*—
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- Threlkeld, Donald D., to Olin Mathieson Chemical Corp. Soda ash briquette and its method of manufacture. 2,862,809, 12-2-58, Cl. 75-55.
- Thresher, Norman R., and E. H. Fidellow. Control device for audio reproducing systems including a cross-over network. 2,855,460, 10-7-58, Cl. 179-1.
- Thrien, Josef: *See*—
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- Thrift, Griffin C.: *See*—
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- Throckmorton, John W., and J. S. Wallis. Vertical tube heaters. 2,818,838, 1-7-58, Cl. 122-356.
- Throckmorton, John W., and J. S. Wallis, to Petro-Chem Process Co., Inc. Air heater. 2,833,269, 5-6-58, Cl. 126-109.
- Throckmorton, John W., and J. S. Wallis, to Petro-Chem Process Co., Inc. Furnace construction. 2,837,065, 6-3-58, Cl. 122-356.
- Throckmorton, John W., and J. S. Wallis, to Petro-Chem Process Co., Inc. Tubular furnace. 2,856,902, 10-21-58, Cl. 122-356.
- Throop, Charles C., and O. V. Wince, to Koppers Co., Inc. Bulk density control of coking coal. 2,864,537, 12-16-58, Cl. 222-57.
- Thuesen, Jens: *See*—
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- Thuler, Kurt R.: *See*—
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- Thulke, Hermann G.: *See*—
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- Thull, John F., to Brown & Bigelow. Key holder. 2,852,930, 9-23-58, Cl. 70-459.
- Thulman, Robert K. Fireplace construction. 2,821,975, 2-4-58, Cl. 126-120.
- Thulman, Robert K. Chimney top. 2,856,837, 10-21-58, Cl. 98-46.
- Thumann, Wesley W. Guide for sharpening drill bits. 2,821,820, 2-4-58, Cl. 51-219.
- Thum, Rudolf, R. Ramsauer, and G. Kilian, to Deutsche Tafelglas Akt. Device for reducing the undulations in a glass strip continuously drawn from the glass melt. 2,849,837, 9-2-58, Cl. 49-17.
- Thumberg, Fred A. Amusement ride. 2,819,899, 1-14-58, Cl. 272-36.
- Thumim, Carl, and N. Herman, to E. P. Lawson Co., Inc. Automatic back gauge spacer for paper cutters. 2,821,252, 1-28-58, Cl. 164-59.
- Thumim, Carl, to E. P. Lawson Co., Inc. Photoelectric controlled back gauge. 2,860,705, 11-18-58, Cl. 164-59.
- Thumm, Byron A., to American Viscose Corp. Method of producing all skin rayon. 2,840,448, 6-24-58, Cl. 18-54.
- Thumm, Byron A., to American Viscose Corp. Viscose spinning process. 2,853,360, 9-23-58, Cl. 18-54.
- Thummel, Ludwig, E. Metzger, and J. Guenthard, to Saul & Co., nominee of Fidelity Union Trust Co., executive trustee under Sandoz Trust. Dyeing and printing of cellulose esters and of linear aromatic polyesters with monosulfonated anthraquinones. 2,843,448, 7-15-58, Cl. 8-57.
- Thunaaes, Arvid, F. T. Rabbitts, K. D. Hester, and H. W. Smith, to United States of America, Atomic Energy Commission. Sulphur dioxide leaching of uranium containing material. 2,863,716, 12-9-58, Cl. 23-14.5.
- Thunander, Hans T., and C. J. Holtkamp, to Westinghouse Electric Corp. Electrical connector with resilient gripping means. 2,858,515, 10-28-58, Cl. 339-17.
- Thürauf, Elfriede: *See*—
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- Thurber, Elmer A., to Bell Telephone Laboratories, Inc. Cathode for electron discharge devices. 2,858,470, 10-28-58, Cl. 313-346.
- Thurber, James L. Adjustable coat hanger. 2,819,828, 1-14-58, Cl. 223-89.
- Thürlings, Hermann, to Hansella-Werke Albert Henkel Akt. Candy making machine. 2,865,311, 12-23-58, Cl. 107-8.
- Thurman, Benjamin H., to The Union Stock Yard and Transit Co. of Chicago. Packaged charge for making soap. 2,861,953, 11-25-58, Cl. 252-109.
- Thurman, Benjamin H., to B. Clayton, d. b. a. Refining, Unincorporated. Proportioner. 2,863,471, 12-9-58, Cl. 137-101.21.
- Thurman, Truman D. Necktie form. 2,843,850, 7-22-58, Cl. 2-148.
- Thurmon, Francis M., to Rohm & Haas Co. Dusting powder of carboxylic cation-exchange resin and powder base. 2,838,440, 6-10-58, Cl. 167-58.
- Thurmon, Francis M., and R. Kunin, to Rohm & Haas Co. Dermatological mixture of ion-exchange resins. 2,857,311, 10-21-58, Cl. 167-58.
- Thurmond, Carl D.: *See*—
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- Thurmond, Carl D., to Bell Telephone Laboratories, Inc. Method of fabricating semiconductor PN junctions. 2,837,448, 6-3-58, Cl. 148-1.5.
- Thurmond, James E., to Texas Instruments Inc. Multispeed recorder transmission. 2,847,866, 8-19-58, Cl. 74-352.
- Thurmond, Jimmie V., O. M. Anderson, W. A. Ferrari, and F. H. Dean, to Pak-Mor Mfg. Co. Power transmitting assembly for refuse handling vehicles. 2,862,632, 12-2-58, Cl. 214-82.
- Thurrow, Raymond C. X-ray fixator. 2,846,587, 8-5-58, Cl. 250-50.

- Thurston, Ernest B., and W. A. Nikazy, to Toledo Scale Corp. Floor call registering circuits. 2,828,751, 3-11-58, Cl. 340-19.
- Thurston, Edward G., to Electro-Voice, Inc. Sound producing device. 2,841,648, 7-1-58, Cl. 179-1.
- Thurston, Robert N., to Bell Telephone Laboratories, Inc. Multi-section quartz torsional transducers. 2,838,695, 6-10-58, Cl. 310-8.1.
- Thurston, Robert N., to Bell Telephone Laboratories, Inc. Torsional transducers of ethylene diamine tartrate and dipotassium tartrate. 2,838,696, 6-10-58, Cl. 310-8.1.
- Thurston, Robert N., to Bell Telephone Laboratories, Inc. Apparatus for eliminating mechanical vibrations in aerial cables. 2,852,595, 9-16-58, Cl. 174-42.
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- Esseff, George J., Levine, and Thurston. 2,831,808.
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- Thylefors, Henric W., to Aktiebolaget Separator. Centrifugal separator with hermetically closed outlet. 2,858,063, 10-28-58, Cl. 233-1.
- Thym, Gustav C.: *See—*
- Swan, Raymond A., and Thym. 2,830,282.
- Thyreen, Arthur A.: *See—*
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- Tiano, Dominic W., to Pneumatic Scale Corp., Ltd. Closure applying machine. 2,830,415, 4-15-58, Cl. 53-112.
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- Topelian, Paul J. 2,847,371.
- Topelian, Paul J. 2,855,348.
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- Tibbets Laboratories, Inc.: *See—*
- Tibbets, Raymond W. 2,857,112.
- Tibbets, Raymond W., to Tibbets Laboratories, Inc. Toroidal winding machine. 2,857,112, 10-21-58, Cl. 242-4.
- Tibbling, Stig B., to International Business Machines Corp. Page end indicator. 2,829,755, 4-8-58, Cl. 197-189.
- Tibbling, Stig B., to International Business Machines Corporation. Infinite platen variable. 2,841,264, 7-1-58, Cl. 197-123.
- Tibbs, Christopher E. M.: *See—*
- Naylor, Joseph F., Northmore, and Tibbs. 2,842,650.
- Tibbs, Christopher E. M., to Radio Heaters Ltd. High frequency heating apparatus. 2,848,631, 8-19-58, Cl. 307-153.
- Tiberio, Carmen S. Coin display holder. 2,844,248, 7-22-58, Cl. 206-83.
- Tibone, James J. Catheter. 2,847,997, 8-19-58, Cl. 128-325.
- Tibony, Henry. Umbrella construction. 2,833,297, 5-6-58, Cl. 135-25.
- Tice, Clarence E.: *See—*
- Hartzell, Herman L., House, Tice, and Smith. 2,839,935.
- Tice, Richard R.: *See—*
- McNaney, Joseph T., and Tice. 2,840,637.
- Tichenor, Lee T.: *See—*
- Bishop, William T., and Tichenor. 2,843,881.
- Tichenor, Raymond L. Shower bath curtain. 2,840,160, 6-24-58, Cl. 160-349.
- Tideman, Carl E., to Tideman Mfg. Co., Inc. Hack saw. 2,849,040, 8-26-58, Cl. 145-34.
- Tideman Mfg. Co., Inc.: *See—*
- Tideman, Carl E. 2,849,040.
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- Baigan, Thomas F., Jr. 2,853,530.
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- Tidland, Charles R. Lifter for rolls and the like. 2,826,445, 3-11-58, Cl. 294-93.
- Tidmore, Marvin O.: *See—*
- Kincaid, Horace L. 2,841,761.
- Tidwell, Harry R. Watch holder. 2,861,763, 11-25-58, Cl. 248-116.
- Tidwell, Joel T. Stepped fish lure. 2,835,067, 5-20-58, Cl. 43-42.5.
- Tieck, Hans. Reflex type camera. 2,854,907, 10-7-58, Cl. 95-44.
- Tiede, Raymond A.: *See—*
- Kennedy, Thomas J., and Tiede. 2,830,976.
- Kennedy, Thomas J., and Tiede. 2,853,476.
- Tiede, Raymond A., to Phillips Petroleum Co. Automatic control of oxygen removal from process streams. 2,835,715, 5-20-58, Cl. 260-677.
- Tiedeman, Robert K., and J. M. Mergen, to Curtiss-Wright Corp. Follow-up clutches. 2,827,994, 3-25-58, Cl. 192-93.
- Tiedeman, Robert K., and J. M. Mergen, to Curtiss-Wright Corp. Electrically actuated clutch. 2,847,102, 8-12-58, Cl. 192-84.
- Tiedemann, Herman H., to General Aniline & Film Corp. Process for preparing β -sulfoalkylesters of carboxylic acids. 2,861,090, 11-18-58, Cl. 260-400.
- Tiedemann, Julius B., to A. O. Smith Corp. Apparatus for welding vehicle frames. 2,827,547, 3-18-58, Cl. 219-125.
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- Mack, Charles, and Tiedje. 2,819,185.
- Tiegel, Ernest G. Storage battery plates and a method of making the same. 2,845,469, 7-29-58, Cl. 136-19.
- Tiegler, Donald W., to American Automatic Devices Co. Reflector assembly and mounting. 2,831,398, 4-22-58, Cl. 88-96.
- Tien, Ping K., to Bell Telephone Laboratories, Inc. Traveling wave tube electron gun. 2,843,776, 7-15-58, Cl. 313-85.
- Tierman, Melvin, to Sprague Electric Co. Metal film resistor. 2,855,493, 10-7-58, Cl. 201-73.
- Tiernan, Lawrence P. Starting strip. 2,855,872, 10-14-58, Cl. 108-26.
- Tierney, Joseph E., to E. J. Brooks Co. Breast tag. 2,864,188, 12-16-58, Cl. 4-3.
- Tierney, Ramond B., and R. H. Krug, to The Texas Co. Ester-base lubricant containing non-corrosive EP agent. 2,866,755, 12-30-58, Cl. 252-47.5.
- Tiers, George V. D., to Minnesota Mining and Mfg. Co. Process for making organic sulfonyl fluorides. 2,846,472, 8-5-58, Cl. 260-343.
- Tietze, Ernst: *See—*
- Petersen, Siegfried, Tietze, and Wirth. 2,852,525.
- Tietze, Hermann O.: *See—*
- Stampe, Gerhard K. E. H., and Tietze. 2,840,184.
- Tiffany, Burris D., to The Upjohn Co. Methadone N-oxide and the acid addition salts thereof. 2,862,968, 12-2-58, Cl. 260-570.
- Tiffany Stand Co.: *See—*
- Simpkins, William. 2,826,858.
- Tift, William C.: *See—*
- Strong, Clinton S., and Tift. 2,862,443.
- Tigerschild, Allan, to Gunnebo Bruks Aktiebolag. Electric switch. 2,853,576, 9-23-58, Cl. 200-98.
- Tigges, Alexander J., to The Air Preheater Corp. Method of recovering heat and sulphur compounds from hot gaseous products of combustion. 2,863,723, 12-9-58, Cl. 23-168.
- Tigges, Gert, $\frac{1}{2}$ to M. E. Korff. Radially compressible elastic holder for yarn packages. 2,853,253, 9-23-58, Cl. 242-118.11.
- Tijs, Eugene F., to International Standard Electric Corp. Mounting arrangement for electrical circuit components. 2,855,580, 10-7-58, Cl. 339-198.
- Tikanen, William A., to Genisco, Inc. Damping means and methods. 2,822,161, 2-4-58, Cl. 264-1.
- Tilden, Carl V. Percussive tool chuck. 2,829,898, 4-8-58, Cl. 279-19.
- Tilden, Carl V. Drill bit. 2,840,348, 6-24-58, Cl. 255-69.
- Tilden, Carl V. Drill bit. 2,865,607, 12-23-58, Cl. 255-63.
- Tilden, William F. Self-contained abrasive applicator. 2,825,135, 3-4-58, Cl. 32-58.
- Tile Council of America, Inc.: *See—*
- Kastenbein, Ernest L. 2,855,653.
- Wagner, Herman B. 2,820,713.
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- Tiley, John W., to Philco Corp. Frequency changes. 2,830,251, 4-8-58, Cl. 321-69.
- Tilford, Charles H.: *See—*
- Allen, Robert E., Palopoli, Tilford, and Van Campen. 2,838,441.
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- Till, Derek E.: *See—*
- Hervey, Laurence R. B., and Till. 2,854,356.
- Till, Derek E., to Arthur D. Little, Inc. Organic fluosilicate containing polymeric coating composition and method of applying. 2,847,390, 8-12-58, Cl. 260-29.6.
- Tiller, William A.: *See—*
- Rutter, John W., and Tiller. 2,824,030.
- Tillery Container Co.: *See—*
- Tillery, Hubert B. 2,843,299.
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- Tilles, Harry. Preparation of sodium mercaptides. 2,831,032, 4-15-58, Cl. 260-609.
- Tilley, Aubra E.: *See—*
- Blake, Francis G., and Tilley. 2,841,777.
- Manhart, Robert A., and Tilley. 2,850,108.
- Tilley, Aubra E., to California Research Corp. Apparatus for amplifying seismic signals. 2,824,179, 2-18-58, Cl. 179-171.
- Tilli, Vincent L.: *See—*
- Miller, Richard H., and Tilli. 2,846,622.
- Tillman, Robert M., to Burroughs Corp. Frequency modulating transducer. 2,850,631, 9-2-58, Cl. 250-36.
- Tillotson, Jerry A.: *See—*
- Schlenk, Hermann, Sand, and Tillotson. 2,827,452.
- Tillotson, Le Roy C., to Bell Telephone Laboratories, Inc. Microwave circulators, isolators and branching filters. 2,866,949, 12-30-58, Cl. 333-11.
- Tillotson Mfg. Co., The: *See—*
- Brown, Herbert K. 2,823,905.
- Phillips, Bernard C. 2,827,272.
- Phillips, Bernard C. 2,841,372.
- Tillotson, Wesley T., to American Rock Wool Corp. Apparatus for fiberization. 2,839,782, 6-24-58, Cl. 18-2.6.
- Tillson, William. Well bit retrieving device. 2,823,945, 2-18-58, Cl. 294-86.

- Tilling, Donald R. Stand for receptacle and towel dispenser. 2,831,644, 4-22-58, Cl. 248-146.
- Tilney, Ralph B.: *See—*
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- Tilney, Ralph B., and J. F. Cuba, to Alco Valve Co. Automatic motor control circuit. 2,824,273, 2-18-58, Cl. 318-212.
- Tilo Roofing Co., Inc.: *See—*
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- Tilseth, Arne B.: *See—*
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- Timax Corp.: *See—*
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- Timken Roller Bearing Co., The: *See—*
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- Timm, Otto W., to International Glass Corp. Dispensing machine. 2,831,419, 4-22-58, Cl. 99-357.
- Timmel, Frederick G.: *See—*
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- Timmerbell, Helmut, H. Querengasser, and W. Krauss, to Knorr-Bremse G. m. b. H. Processes for reducing the sulphur content in iron and for economising in coke in cupola furnaces. 2,865,735, 12-23-58, Cl. 75-55.
- Timmerman, Julius W.: *See—*
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- Timmerman, Robert W., A. G. Draeger, and J. W. Getz, to Food Machinery and Chemical Corp. Method of producing carbon disulfide and hydrogen sulfide by the reaction of sulfur and a hydrogen gas. 2,857,250, 10-21-58, Cl. 23-206.
- Timmermans, Ernst, to North American Philips Co., Inc. Device for suspension of housings. 2,829,317, 4-1-58, Cl. 317-99.
- Timmons Metal Products Co.: *See—*
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- Timms, Arline. Perfume towel bar. 2,851,304, 9-9-58, Cl. 299-24.
- Timms, Ross L. Apparatus for identifying printed documents and the like as genuine. 2,827,822, 3-25-58, Cl. 88-14.
- Timothy, Patrick H., and C. W. Shaw, to Southern Natural Gas Co. Pipe coating method and apparatus. 2,863,204, 12-9-58, Cl. 25-38.
- Timpte Bros., Inc.: *See—*
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- Timreck, Albert E.: *See—*
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- Tindale, John, to Elliott Brothers (London) Ltd. Mechanical revolving mechanisms. 2,836,072, 5-27-58, Cl. 74-198.
- Tindall, John B., to Commercial Solvents Corp. Process for the production of secondary amines. 2,828,343, 3-25-58, Cl. 260-570.8.
- Tindall, Walter J., to Organon Inc. Preparations for the treatment of the human skin containing androstane derivatives. 2,845,381, 7-29-58, Cl. 167-90.
- Tingley, Richard C. W., to Avro Aircraft Ltd. Removable blind fastener with pivoted securing legs. 2,857,950, 10-28-58, Cl. 151-41.7.
- Tingley Rubber Corp.: *See—*
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- Tini, Dante, to International Standard Electric Corp. Combined telephone ringing and induction coil arrangement. 2,863,951, 12-9-58, Cl. 179-81.
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- Tinker, Charles D.: *See—*
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- Tinker, John F., to Eastman Kodak Co. New tetraazindene compounds and photographic emulsions containing them. 2,852,375, 9-16-58, Cl. 96-66.
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- Tinker, John M.: *See—*
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- Tinker, Townsend, to American Radiator & Standard Sanitary Corp. High pressure closure. 2,857,073, 10-21-58, Cl. 220-39.
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- Tinker, Townsend, to American Radiator & Standard Sanitary Corp. High pressure closure. 2,863,648, 12-9-58, Cl. 257-221.
- Tinkess, George E.: *See—*
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- Tinklepaugh, Kenneth N.: *See—*
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- Tinnerman, George A. Wire-like fastening devices for securing a nut in a recess. 2,861,617, 11-25-58, Cl. 151-41.73.
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- Tinno, Edwin M., and I. L. Simmons, to Metal & Thermit Corp. Process of, and composition for cleaning and tinning. 2,822,325, 2-4-58, Cl. 204-26.
- Tinoco, Joan: *See—*
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- Tinsley, Richard S.: *See—*
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- Tinsley, Ronald, and U. Rafaels. Anti-theft alarm system. 2,839,736, 6-17-58, Cl. 340-63.
- Tinsley, William B. Aerial. 2,861,268, 11-18-58, Cl. 343-902.
- Tinsman, Jack R.: *See—*
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- Tipdex (Holdings) Ltd.: *See—*
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- Tipotsch, Donald G.: *See—*
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- Tipper, Maynard J. G. Automatic stringing of fastened casing ends. 2,842,919, 7-15-58, Cl. 53-135.
- Tipper, Maynard J. G., to Meat Packer Equipment Co. Sawdust burning smoke generator. 2,843,106, 7-15-58, Cl. 126-59.5.
- Tipton Furniture Co.: *See—*
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- Tipton, John J. Mechanical pipe line clamp. 2,846,968, 8-12-58, Cl. 113-192.
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- Tiroler Rohren-und Metallwerke Akt.: *See—*
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- Tischbein, Wilhelm: *See—*
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- Tisdall, Garnet H. Hand railing for a bathtub. 2,836,834, 6-3-58, Cl. 4-185.
- Tisdal, Eugene L.: *See—*
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- Tisdell, Earl N. Hay baler tying needle guide. 2,823,601, 2-18-58, Cl. 100-19.
- Tishler, Albert, M. and W. Combined presser foot and tacking guide for seam end finishing. 2,849,974, 9-2-58, Cl. 112-100.
- Tishler, Max: *See—*
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- Titanium Metals Corp. of America: *See—*
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- Titchen, Robert S., A. J. Rosenthal, and R. H. Wells, to Celanese Corp. of America. Preparation of organic acid esters of cellulose. 2,838,488, 6-10-58, Cl. 260-229.

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- Titcomb, Francis R., and B. M. Brinton, to Radio Corp. of America. Cathode grid assembly. 2,842,702, 7-8-58, Cl. 315-1.
- Titeflex, Inc.: *See*—
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- Titeliner Co., The: *See*—
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- Title, Jack. Stretchable garment. 2,838,761, 6-17-58, Cl. 2-224.
- Titmus Optical Co., Inc.: *See*—
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- Titterton, Yale W. Apparatus for measuring the charge on buried conductors. 2,862,177, 11-25-58, Cl. 324-29.
- Tittle, William D.: *See*—
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- Titus, Elwood O.: *See*—
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- Titus, James W., to the United States of America as represented by the Secretary of the Navy. Vibration isolation system. 2,830,293, 4-8-58, Cl. 343-878.
- Tixerant, Georges L., to Gandem Traders, Ltd. Cleaning pad. 2,855,622, 10-14-58, Cl. 15-227.
- Tjaden, James S., Koontz-Wagner Electric Co., Inc. Valve. 2,836,194, 5-27-58, Cl. 137-599.2.
- Tjornagel, Rolf. Landing net. 2,817,790, 8-19-58, Cl. 43-11.
- Flaker, Erich: *See*—
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- Tobey, Leon H., to Bloomer Bros. Co. Machine for filling and closing cartons. 2,823,501, 2-18-58, Cl. 53-76.
- Tobias, Abraham J. Striated plastic. 2,848,749, 8-26-58, Cl. 18-48.8.
- Tobias, David L., to General Dynamics Corp. Sweep generator. 2,850,629, 9-2-58, Cl. 250-27.
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- Tobias, George S.: *See*—
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- Tobias, Jesse C. Table for attachment to an automobile bumper. 2,833,608, 5-6-58, Cl. 311-17.
- Tobiasz, Albin T., to Lettner Equipment Co. Refrigerated display case. 2,826,046, 3-11-58, Cl. 62-89.5.
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- Tobin, Bernard M., M. J. Kormanski, and B. L. Havens, to International Business Machines Corp. Circuit testing apparatus. 2,851,660, 9-9-58, Cl. 324-73.
- Tobin, Francis J. Discharge chute attachment for symon vibrator screen. 2,836,298, 5-27-58, Cl. 209-257.
- Tobin, Kenneth J., to Evans Products Co. Cargo loading apparatus. 2,827,000, 3-18-58, Cl. 105-369.
- Tobkes, Martin: *See*—
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- Tobolsky, Arthur V.: *See*—
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- Toby, Daniel J.: *See*—
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- Toby, Max E. and D. J., to Package Enterprises, Inc. Apparatus for transferring articles. 2,839,205, 6-17-58, Cl. 214-2.
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- Tocci-Guilbert, Berne, to B. Tocci-Guilbert and H. G. Hardy, trustees. Ring oscillator. 2,860,496, 11-18-58, Cl. 64-13.
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- Tod, Allan H., to Acme Visible Records, Inc. Card mounting structure. 2,841,066, 7-1-58, Cl. 95-85.
- Todd, Alexander W., R. M. Anderson, and R. L. Fleming, to Van Norman Industries, Inc. Centerless grinder. 2,851,828, 9-16-58, Cl. 51-103.
- Todd, Caroline W., and G. W. Turbyfill. Petticoat. 2,851,691, 9-16-58, Cl. 2-211.
- Todd, Charles. Border fence. 2,812,344, 7-8-58, Cl. 256-21.
- Todd, Edwin T.: *See*—
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- Todd, Edwin T., to General Motors Corp. Adjustable plural control device. 2,847,872, 8-19-58, Cl. 74-478.
- Todd, Eric E., to Ventura Farms Frozen Foods, Inc. Process for the production of oleoresin. 2,863,805, 12-9-58, Cl. 195-4.
- Todd, Everett W., to Massey-Ferguson Inc. Gauge wheel for agricultural implements. 2,848,278, 8-19-58, Cl. 301-63.
- Todd, Francis C.: *See*—
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- Todd, Francis C., and J. L. Courtright, to Toledo Scale Corp. Numeral display device. 2,840,807, 6-24-58, Cl. 240-378.
- Todd, George W., and D. A. McIsaac, to Jones & Laughlin Steel Corp. Positioning apparatus. 2,856,058, 10-14-58, Cl. 198-33.
- Todd, Harold E.: *See*—
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- Todd, Hoyt H. Liquid suspension of high density particles. 2,854,346, 9-30-58, Cl. 106-290.
- Todd, Hoyt H., to Superweld Corp. Process for assisting in the removal of scale from alloy steel. 2,863,792, 12-9-58, Cl. 148-614.
- Todd, James W., to National Industrial Products Co. Cold water dispersible starch and process of preparing it. 2,865,775, 12-23-58, Cl. 106-213.
- Todd, Robert A.: *See*—
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- Todd, Robert E.: *See*—
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- Todd, Russell T., to The McKay Machine Co. Magnetic back-up rolls for roller levelers. 2,821,235, 1-28-58, Cl. 153-107.
- Todd, Russell T., and P. McCreary, to The McKay Machine Co. Uncoiler with side shift control. 2,837,295, 6-3-58, Cl. 242-78.6.
- Todd, Seldon P.: *See*—
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- Todd Shipyards Corp.: *See*—
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- Todd, Seldon P.: *See*—
Marcot, Guy C., Todd, and Lamanna. 2,824,050.
- Toddlers Footwear (1954) Ltd.: *See*—
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- Toder, Sheldon I., to Western Electric Co., Inc. Handling hooks. 2,858,160, 10-28-58, Cl. 294-81.
- Toefco Engineering Co.: *See*—
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- Toellner, Howard C., and J. A. Heckenkamp, to Personal Products Corp. Pad supporting belt. 2,854,980, 10-7-58, Cl. 128-291.
- Toennissen, Ernst. Cleaning device for draft systems, especially for flyer draft systems. 2,834,062, 5-13-58, Cl. 19-139.
- Toensing, Erwin C. Adjustable and collapsible pier mold. 2,831,231, 4-22-58, Cl. 25-118.
- Toensmeier, Patrick A., to The New Haven Board & Carton Co. Display cartons. 2,822,917, 2-11-58, Cl. 206-45.31.
- Toensmeier, Patrick A., to The New Haven Board & Carton Co. Can carriers. 2,823,062, 2-11-58, Cl. 294-87.2.
- Toensmeier, Patrick A., to The New Haven Board & Carton Co. Carrier cartons. 2,823,063, 2-11-58, Cl. 294-87.2.
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- Toensmeier, Patrick A., to The New Haven Board & Carton Co. Folding trays. 2,833,458, 5-6-58, Cl. 229-28.
- Toensmeier, Patrick A., to The New Haven Board & Carton Co. Carrier cartons. 2,850,207, 9-2-58, Cl. 220-115.
- Toepel, Wolfgang. Apparatus to hold animals for surgery and the like. 2,832,313, 4-29-58, Cl. 119-103.
- Toepfer, Walter J., and W. A. Stutske, to Owens-Illinois Glass Co. Machine for molding glass articles. 2,863,260, 12-9-58, Cl. 49-36.
- Toeppen, Thurston H., to International Business Machines Corp. Electronic tabulation. 2,818,961, 1-7-58, Cl. 197-176.
- Toeppen, Thurston H., and R. A. Donnan, to International Business Machines Corp. Escapement pawl control. 2,818,958, 1-7-58, Cl. 197-85.
- Tofanelli, Daniel D., to Otis Elevator Co. Elevator guide rail fastener. 2,848,077, 8-19-58, Cl. 189-35.
- Tofanelli, Daniel D., to Otis Elevator Co. Elevator entrance sills. 2,855,637, 10-14-58, Cl. 20-19.
- Toffemire, Benjamin F. Light-directing surgical retractor instrument. 2,840,070, 6-24-58, Cl. 128-11.
- Toffolo, Dominic S.: *See*—
Hall, Wayne C., Toffolo, and West. 2,844,214.
- Toga, Tadashi: *See*—
Abe, Yasuo, Harukawa, Ishikawa, Miki, Sumi, and Toga. 2,836,604.
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- Toggenburger, John, to Underwood Corp. Variable proportional letter feed mechanism. 2,831,558, 4-22-58, Cl. 197-84.
- Toggenburger, John, to Underwood Corp. Proportional letter-feed mechanism for typewriters or the like. 2,862,595, 12-2-58, Cl. 197-84.
- Toggenburger, John, to Underwood Corp. Proportional letter feed mechanism. 2,865,488, 12-23-58, Cl. 197-84.
- Tognella, Ugo R.: *See*—
Coggeshall, Thellwell R., and Tognella. 2,846,621.
- Tognetti, Aldo D.: *See*—
Conn, Harry, and Tognetti. 2,857,166.

- Tognola, Tullio, to Bendix Aviation Corp. Electrical apparatus. 2,833,963, 5-6-58, Cl. 315—232.
- Togstad, Erling G., to Librascope, Inc. Reversing mechanism for longitude and latitude navigation counter. 2,829,532, 4-8-58, Cl. 74—321.
- Tokheim Corp.: *See—*
- Clymer, Joseph D. 2,840,108.
 - Riffenhouse, Howard E. 2,845,965.
 - Robbins, Elmer A. 2,844,164.
 - Robbins, Elmer A. 2,845,085.
 - Robbins, Elmer A. 2,846,119.
 - Tsiguloff, George N. 2,857,850.
 - Wright, George W. 2,845,033.
 - Wright, George W. 2,849,162.
- Tokheim Oil Tank and Pump Co.: *See—*
- Wright, George W., and Scheurer. 2,834,298.
- Tokumoto, Shin-ichi, E. Tanaka, R. Nishiyama, K. Mizushima, H. Nozaki, R. Taguti, and K. Matsui. Arc discharge production of low valency halides of titanium. 2,854,392, 9-30-58, Cl. 204—164.
- Tolan, James E.: *See—*
- Stone, John, and Tolan. 2,851,222.
- Toland, Glenn R. Traller with telescopic floor portion. 2,855,240, 10-7-58, Cl. 296—23.
- Toland, Wayne G., to International Harvester Co. Rotary hoe. 2,864,298, 12-16-58, Cl. 97—212.
- Toland, Wayne G., and D. A. Murray, to International Harvester Co. Two-way plow. 2,839,979, 6-24-58, Cl. 97—26.
- Toland, William G., to California Research Corp. Thioamide production. 2,845,449, 7-29-58, Cl. 260—465.
- Toland, William G., to California Research Corp. Chlorination of aromatic carboxylic acid esters. 2,865,959, 12-23-58, Cl. 260—544.
- Toland, William G., and E. A. Goldsmith, to California Research Corp. Preparation of adipic acids. 2,847,463, 8-12-58, Cl. 260—531.
- Toland, William G., Jr., to California Research Corp. Preparation of aromatic carboxylic acids. 2,824,893, 2-25-58, Cl. 260—524.
- Toland, William G., Jr., to California Research Corp. Recovery of phthalic acids. 2,826,607, 3-11-58, Cl. 260—525.
- Toland, William G., Jr., to California Research Corp. Recovery of benzene polycarboxylic acids. 2,838,566, 6-10-58, Cl. 260—525.
- Toland, William G., Jr., to California Research Corp. Oxidation of organic compounds. 2,856,424, 10-14-58, Cl. 260—524.
- Toland, William G., Jr., and L. G. Williams, to California Research Corp. Production of polyalkyl benzenes. 2,848,509, 8-19-58, Cl. 260—668.
- Tolbert, Charles E.: *See—*
- Balsiger, Harold E., and Tolbert. 2,838,040.
- Tolbert, Ralph D., Jr., J. E. Bacino, and H. T. Lundquist, to National Vulcanized Fibre Co. Container. 2,857,076, 10-21-58, Cl. 220—67.
- Tolbert, William E. Disposable coaster. 2,856,727, 10-21-58, Cl. 45—68.4.
- Toledo Scale Co.: *See—*
- Borden, Joseph H. 2,826,272.
 - Borden, Joseph H. 2,859,835.
 - Bradley, Robert O. 2,835,484.
 - Bradley, Robert O., and Maurice. 2,864,606.
 - Bradley, Robert O., and Robinson. 2,839,995.
 - Brown, James D. 2,823,718.
 - Brown, James D. 2,851,069.
 - Burgy, Raymond A. 2,832,437.
 - Burgy, Raymond A. 2,833,376.
 - Burgy, Raymond A. 2,833,346.
 - Burgy, Raymond A. 2,860,728.
 - Burgy, Raymond A. 2,861,653.
 - Guss, William A., and Sankovich. 2,840,367.
 - Hadley, Harlan A., and Singleton. 2,839,288.
 - Hadley, Harlan A., and Singleton. 2,857,049.
 - Hart, Norman E., and Robinson. 2,818,801.
 - Hoffmanns, Frederic E. 2,851,262.
 - Nikazy, Walter A. 2,838,136.
 - Nikazy, Walter A., and De Lamater. 2,862,576.
 - Reiser, George C. 2,864,608.
 - Reiser, George C., and Shuptrine. 2,838,299.
 - Reiser, George C., and Wetzel. 2,835,129.
 - Thurston, Ernest B., and Nikazy. 2,826,751.
 - Todd, Francis C., and Courtright. 2,840,807.
 - Williams, Lawrence S. 2,818,769.
 - Williams, Lawrence S. 2,848,286.
 - Yeastling, Maynard C. 2,835,347.
- Tolf, Ingvar L., to General Foods Corp. Machine for applying tear tape to carton blanks. 2,842,034, 7-8-58, Cl. 93—36.9.
- Tolkith, Henry, to The Dow Chemical Co. O-(chlorophenyl) O-(chlorophenoxyethyl) phosphorothioates. 2,831,015, 4-15-58, Cl. 260—461.
- Tolkith, Henry, to The Dow Chemical Co. Manufacture of phosphorodichloridites. 2,866,810, 12-30-58, Cl. 260—461.
- Tolkith, Henry, and B. C. Britton, to The Dow Chemical Co. O-(2,6-dicyclohexyl-4-methylphenyl) O-methyl N-alkyl phosphoramidothioates. 2,855,425, 10-7-58, Cl. 260—461.
- Tollar, James E., and M. O. Longstreth, to The Dow Chemical Co. Positioning means. 2,840,397, 6-24-58, Cl. 287—14.
- Tollefson, Robert D., to Collins Radio Co. Stepped frequency generating means. 2,848,616, 8-19-58, Cl. 250—36.
- Tollefson, Robert D., to Collins Radio Co. Precision step voltage generator. 2,858,434, 10-28-58, Cl. 250—27.
- Tollefson, Robert D., and C. E. Ottaway, to Collins Radio Co. Spring contact fingers for shield plates. 2,825,042, 2-25-58, Cl. 339—253.
- Tollefson, Robert D., and J. R. Wilkerson, to United States of America, Navy. Pulse train indicator. 2,857,587, 10-21-58, Cl. 340—248.
- Tolles, Walter E., to United States of America, Navy. Compensation of induced magnetic fields. 2,834,939, 5-13-58, Cl. 324—43.
- Tolley, Theodore. Pig feeder. 2,834,320, 5-13-58, Cl. 119—53.
- Tollinger, James: *See—*
- Gaylord, Sol H., Jr., and Tollinger. 2,844,902.
- Tollow, Frederick S., to The Babcock & Wilcox Co. Wall tube fluid heater with a releasably anchored enclosure. 2,841,122, 7-1-58, Cl. 122—6.
- Tolman, John A., to Andean Corp. Doors. 2,824,630, 2-25-58, Cl. 189—46.
- Tolman, John A., and H. W. O'Farrell, to Andean Corp. Screen door. 2,847,065, 8-12-58, Cl. 160—378.
- Tolmie, Edgar S.: *See—*
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- Tolmie, John R., to United States of America, Atomic Energy Commission. Ion source for calutrons. 2,852,685, 9-16-58, Cl. 250—41.9.
- Tolmeo, Albert J., to United States of America, Navy. Missile or mine launcher. 2,858,737, 11-4-58, Cl. 89—1.5.
- Tolson, William A., to United States of America, Navy. Multiplexing commutators. 2,833,862, 5-6-58, Cl. 179—15.
- Tom, You K. Fountain pen. 2,833,252, 5-6-58, Cl. 120—47.
- Toma, John W., to General Electric Co. Water spreader for clothes drying machine. 2,824,385, 2-25-58, Cl. 34—75.
- Toma, John W., and J. E. Ilyan, to General Electric Co. Control system for clothes dryers and combination washer-dryers. 2,819,540, 1-14-58, Cl. 34—45.
- Toma, John W., and A. Fields, to General Electric Co. Venting arrangement for laundry machine. 2,843,944, 7-22-58, Cl. 34—75.
- Tomanek, Martha, to Keuffel & Esser Co. Photosensitive diazo compounds plus 3,3',5' tri hydroxy diphenyl as a coupler. 2,829,976, 4-8-58, Cl. 96—91.
- Tomarin, Harry A., to Loroco Industries Inc. Collar support. 2,846,127, 8-5-58, Cl. 223—83.
- Tomasch, Howard C.: *See—*
- Benes, Josef, and Tomasch. 2,861,322.
- Tomasch, Julius J. Web tension control. 2,838,252, 6-10-58, Cl. 242—75.43.
- Tomassini, Emilia. Folding cabin for camping purposes. 2,842,806, 7-15-58, Cl. 20—2.
- Tomasson, Helgi. Pillow. 2,835,905, 5-27-58, Cl. 5—338.
- Tomaszewski, Thaddeus W.: *See—*
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- Tomino, Koichi: *See—*
- Iwao, Junichi, Tomino, and Kawazu. 2,835,678.
- Tomiyasu, Kiyo, to Sperry Rand Corp. Selective transfer device for microwave energy. 2,820,201, 1-14-58, Cl. 333—7.
- Tomiyasu, Kiyo, to Sperry Rand Corp. Microwave antenna lobing device. 2,821,712, 1-23-58, Cl. 343—854.
- Tomiyasu, Kiyo, to Sperry Rand Corp. Selective transfer device for microwave energy. 2,829,347, 4-1-58, Cl. 333—7.
- Tomiyasu, Kiyo, to Sperry Rand Corp. Microwave mixer having single mixer crystal and hybrid system for balancing out oscillator noise. 2,850,626, 9-2-58, Cl. 250—20.
- Tomiyasu, Kiyo, to Sperry Rand Corp. Millimeter frequency meter. 2,853,678, 9-23-58, Cl. 324—81.
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- Tomka, Joseph W., to American Steel Foundries. Variable stroke press. 2,837,059, 6-3-58, Cl. 121—38.
- Tomka, Louis A.: *See—*
- Weinberg, Elliott L., and Tomka. 2,832,753.
 - Weinberg, Elliott L., and Tomka. 2,858,325.
- Tomko, Donald R.: *See—*
- Sacchini, Columbus R., and Tomko. 2,829,748.
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 - Sacchini, Columbus R., and Tomko. 2,839,169.
 - Sacchini, Columbus R., and Tomko. 2,855,615.
- Tomlin, James H.: *See—*
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- Tomlinson, Fay M. Hydraulic force pump. 2,846,698, 8-12-58, Cl. 4—255.
- Tomlinson, George H., and G. H. Tomlinson, II, to Howard Smith Paper Mills Ltd. Method and apparatus for recovering heat and chemicals from the residual liquor resulting from the digestion of cellulose fibrous material in an alkaline liquor. 2,840,454, 6-24-58, Cl. 23—48.
- Tomlinson, George H., II: *See—*
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- Tomlinson, Kathleen E. Baby's napkin. 2,866,460, 12-30-58, Cl. 128—284.
- Tomlinson, Lloyd E.: *See—*
- Overholser, J. Homer H., and Tomlinson. 2,857,129.
- Tomlinson, William J.: *See—*
- Kvarnstrom, Alfred T., and Tomlinson. 2,856,901.
- Tommela, Donald R.: *See—*
- Ehlers, Forrest A., and Tommela. 2,858,288.

- Tomner, Jean S. A. and S. G. Gustafsson, to Telefonaktiebolaget L. M. Ericsson. Electron tube for generating high frequency oscillations. 2,855,532, 10-7-58, Cl. 313-157.
- Tomner, Sigvard J. A., and S. G. Gustafsson, to Telefonaktiebolaget L. M. Ericsson. Electron tube for generating high frequency oscillations. 2,864,971, 12-16-58, Cl. 315-39.67.
- Tomonari, Tsukumo: See—
- Tsutsumi, Shigeru, and Tomonari. 2,838,584.
- Tompkins, Albert H., Jr., to Superior Tank & Construction Co. Vapor recovery system. 2,849,150, 8-26-58, Cl. 220-85.
- Tompkins, Bert E., to General Motors Corp. Distributor point adjustments. 2,820,858, 1-21-58, Cl. 200-31.
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- Ingalls, Willis A. 2,820,369.
- Tompkins, Gerald S., to American Viscose Corp. Textiles and conditioning compositions therefor. 2,838,455, 6-10-58, Cl. 252-8.6.
- Tompkins, Granville B., and C. L. Koonce. Scissors sharpener. 2,852,896, 9-23-58, Cl. 51-204.
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- Tompkins-Johnson Co.: See—
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- Tompkins, Norman G.: See—
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- Toms River-Cincinnati Chemical Corp.: See—
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- Dreyfuss, Paul D. 2,824,127.
- Varkony, Emerich. 2,852,238.
- Tomsic, Guy. Contour sheets. 2,857,643, 10-28-58, Cl. 24-72.5.
- Tondreau, Albert W.: See—
- Gage, Fred W., and Tondreau. 2,841,065.
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- Wilbur, Warren D. 2,848,929.
- Tong, George C. Traction apparatus. 2,837,085, 6-3-58, Cl. 128-75.
- Tong, Lee K. J., to Eastman Kodak Co. Hydrophilic compositions. 2,852,386, 9-16-58, Cl. 96-114.
- Tongret, Stewart R., to Railway Steam Research Corp. Electrical safety device for steam boilers. 2,849,990, 9-2-58, Cl. 122-447.
- Tongue, Ben H.: See—
- Horowitz, Irving. 2,833,957.
- Horowitz, Irving. 2,860,283.
- Tongue, Ben H. Amplitude-stabilized oscillating circuit. 2,833,924, 5-6-58, Cl. 250-36.
- Tongue, Ben H. Balanced mixer. 2,857,511, 10-21-58, Cl. 250-20.
- Tonna, Arthur J., to Burgermeister Brewing Corp. Carton blank unfolding machine. 2,863,371, 12-9-58, Cl. 93-53.
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- Muller, Kurt, and Tonniges. 2,841,034.
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- Hayden, Ray A., and Tonning. 2,845,184.
- Tonnon, Vincent F., and W. F. Warns. Termite shield. 2,859,487, 11-11-58, Cl. 20-1.
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- De Windt, Herbert J. 2,856,064.
- De Windt, Herbert J. 2,856,065.
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- Tooke, George S., to Joseph Lucas (Industries) Ltd. Brush holders for dynamo electric machines. 2,821,642, 1-28-58, Cl. 310-246.
- Tooke, James W. Package for dry mix products. 2,828,858, 4-1-58, Cl. 206-47.
- Tooker, Howard A., to Western Electric Co., Inc. System for electrically testing and classifying impedance elements. 2,849,115, 8-26-58, Cl. 209-81.
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- O'Toole, Murray J., and Toole. 2,861,745.
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- Toothill, Frederick W., Jr., J. A. Stieber, and H. L. Hatton, to Rohm & Haas Co. Aqueous coating compositions, articles coated therewith, and methods for producing them. 2,865,878, 12-23-58, Cl. 260-29.6.
- Toothill, Geoffrey, to William Asquith Ltd. Infinitely variable torque transmitter. 2,834,191, 5-13-58, Cl. 64-29.
- Tootill, Geoffrey C.: See—
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- Williams, Frederic C., Kilburn, Tootill, Pollard, Thomas, and Edwards. 2,840,304.
- Tootill, William P.: See—
- Camilli, Guglielmo, and Tootill. 2,836,788.
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- Topelian, Paul J., to Tiarco Corp. Chromium plating. 2,855,348, 10-7-58, Cl. 204-29.
- Topelian, Paul J., to Tiarco Corp. Electroplating. 2,856,333, 10-14-58, Cl. 204-29.
- Topelian, Paul J., to Tiarco Corp. Chromium plating. 2,856,334, 10-14-58, Cl. 204-29.
- Topf, Sam B. Water-proof closure. 2,853,758, 9-30-58, Cl. 24-203.
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- Topiel, Philip and P. 2,820,226.
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- Torell, Bruce N., to United Aircraft Corp. Fuel control including minimum fuel flow limiting for a split-turbine type power plant. 2,856,754, 10-21-58, Cl. 60-39.28.
- Torell, Bruce N., to United Aircraft Corp. Water injection system for gas turbine power plant. 2,863,282, 12-9-58, Cl. 60-35.6.
- Torell, Bruce N., to United Aircraft Corp. Compressor air bleed control. 2,863,601, 12-9-58, Cl. 230-114.
- Torell, Donald T. and R. M. One-piece lamb coat. 2,850,860, 9-9-58, Cl. 54-79.
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- Torkelson, Alfred. Brush cleaner and dryer. 2,853,085, 9-23-58, Cl. 134-161.
- Torlumke, Paul W., to Woodward & Tiernan Printing Co. Folding fan. 2,828,068, 3-25-58, Cl. 230-269.
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- Zozulin, Igor V. 2,827,856.
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- Toro Mfg. Corp. of Minnesota: See—
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- Kroll, Harley E., and Benson. 2,859,581.
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- Torrence, James A., to Motorola, Inc. Power supply. 2,840,760, 6-24-58, Cl. 315-104.

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- Tortoreto, Louis. Bracket for a valve fixture. 2,824,312, 2-25-58, Cl. 4-191.
- Tos, Oreste, and L. De Marco. Grill scraper and cleaner. 2,824,323, 2-25-58, Cl. 15-105.
- Toschkoff, Dimitar, to General Motors Corp. Supercharging pump. 2,858,766, 11-4-58, Cl. 103-42.
- Tosello, Joseph, to Mission Valley Canning Co., Inc. Stake setting mechanism. 2,851,248, 9-9-58, Cl. 254-29.
- Toth, Emerick. F. M. tuning indicator. 2,819,400, 1-7-58, Cl. 250-40.
- Toth, Lambert J. Parachute-kite attachment. 2,822,998, 2-11-58, Cl. 244-155.
- Toti, Andrew J., to Honolulu Oil Corp. Chicken picker. 2,830,315, 4-15-58, Cl. 17-11.1.
- Toti, Andrew J., to Honolulu Oil Corp. Defeathering apparatus for fowl. 2,830,316, 4-15-58, Cl. 17-11.1.
- Toti, Andrew J., to Honolulu Oil Corp. Continuous defeathering machine. 2,834,982, 5-20-58, Cl. 17-11.1.
- Toti, Andrew J. Window cornice box. 2,837,150, 6-3-58, Cl. 160-38.
- Toti, Andrew J. Vertical slat blind control. 2,849,061, 8-26-58, Cl. 160-176.
- Toti, Andrew J. Vertical slat blind mounting. 2,854,071, 9-30-58, Cl. 160-176.
- Totten, Wallace F. Springy plates for clamping a screw-threaded workpiece. 2,827,813, 3-25-58, Cl. 81-19.
- Totzek, Friedrich, and J. Daniels, to Koppers Co., Inc. Method for heat treatment of finely divided solid media. 2,865,820, 12-23-58, Cl. 202-108.
- Toubes, Benjamin, to Victor Chemical Works. Metal cleaning and phosphating composition and method of cleaning and phosphating. 2,832,706, 4-29-58, Cl. 148-6.15.
- Toubhans, Rene H. Micrometer comparator. 2,863,221, 12-9-58, Cl. 33-147.
- Touchberry, Hubert J. Nut pickup device. 2,835,099, 5-20-58, Cl. 56-328.
- Touey, George P., and J. E. Kiefer, to Eastman Kodak Co. Method of preparing cellulose esters. 2,861,069, 11-18-58, Cl. 260-227.
- Toubill, Thomas F., Jr., to the United States of America as represented by the Secretary of the Navy. Gear tooth measuring device. 2,821,786, 2-4-58, Cl. 33-179.5.
- Toulmin, Harry A., Jr., to Union Carbide Corp. Method and apparatus for dehydration. Re. 24,466, 4-29-58, Cl. 99-205.
- Toulmin, Harry A., Jr., to Commonwealth Engineering Co. of Ohio. Cushion and method and apparatus for manufacture. 2,821,243, 1-28-58, Cl. 155-179.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Stabilized and bodied ice cream. 2,823,128, 2-11-58, Cl. 99-136.
- Toulmin, Harry A., Jr. Low water loss cement slurry comprising dextran. 2,823,135, 2-11-58, Cl. 106-92.
- Toulmin, Harry A., Jr., to Midland Chemical Corp. Cutting compounds. 2,829,436, 4-8-58, Cl. 29-424.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Hydraulic suspension for running gear. 2,829,905, 4-8-58, Cl. 280-106.5.
- Toulmin, Harry A., Jr., to Midland Chemical Corp. Stabilized bodied milk and frozen milk products comprising carboxymethyl dextran. 2,834,684, 5-13-58, Cl. 99-136.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Method and apparatus for gas plating printing circuits. 2,847,330, 8-12-58, Cl. 117-212.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Self contained power axle. 2,848,055, 8-19-58, Cl. 180-12.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Building material. 2,858,582, 11-4-58, Cl. 20-4.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Excavating apparatus. 2,858,626, 11-4-58, Cl. 37-117.5.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Mobile implement for flame treating soil. 2,858,755, 11-4-58, Cl. 97-10.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Method for gas plating synthetic fibers. 2,859,130, 11-4-58, Cl. 117-47.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Method of making towels. 2,859,150, 11-4-58, Cl. 154-76.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Tile wall. 2,860,505, 11-18-58, Cl. 72-21.
- Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Method and apparatus for rail transportation. 2,864,318, 12-16-58, Cl. 104-23.
- Toulmin, Harry A., Jr., to Union Carbide Corp. Beverage concentrates and syrups. 2,864,707, 12-16-58, Cl. 99-166.
- Toulmin, Harry A., Jr., to Basic Research Corp. Method and apparatus for generating electrical power from solar energy. 2,864,879, 12-16-58, Cl. 136-4.
- Toulon, Pierre M. G., to Moore and Hall. Band compression television system. 2,824,904, 2-25-58, Cl. 178-6.
- Toulon, Pierre M. G., to Moore and Hall. Color television receiver. 2,825,754, 3-4-58, Cl. 178-5.4.
- Toulon, Pierre M. G., to Moore and Hall. Color television optical filter system. 2,846,498, 8-5-58, Cl. 178-5.4.
- Toulon, Pierre M. G. Process for obtaining voltage impulses spaced out in several conductors. 2,848,536, 8-19-58, Cl. 178-50.
- Toulon, Pierre M. G., to Moore and Hall. Setting of circuits for high frequency, high efficiency oscillators. 2,852,681, 9-16-58, Cl. 250-36.
- Touraine, John. Exercisers. 2,819,081, 1-7-58, Cl. 272-67.
- Tourea, Kleber, and J. R. Lauzey, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Method of and means for the control of the air inlet opening of a jet propulsion unit or a gas turbine engine. 2,864,236, 12-16-58, Cl. 60-35.6.
- Tourin, Richard H.: *See*—
Tandler, William S., Grossman, and Tourin. 2,844,032.
Tandler, William S., Grossman, and Tourin. 2,844,033.
Tandler, William S., Grossman, and Tourin. 2,844,730.
- Tournere, Marcel J., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Locking device for the moving blades of turbo-machines. 2,846,184, 8-5-58, Cl. 253-77.
- Tourtellotte, Dee, and H. E. Williams, to Charles B. Knox Gelatin Co., Inc. Acylated gelatins and their preparations. 2,827,419, 3-18-58, Cl. 167-78.
- Tousignant, William F.: *See*—
Trask, Jack L., and Tousignant. 2,826,587.
Zurawic, Theodore E., Munding, and Tousignant. 2,850,408.
Zurawic, Theodore E., and Tousignant. 2,850,407.
- Tousignant, William F., to The Dow Chemical Co. Nitrogenous condensation product. 2,823,234, 2-11-58, Cl. 260-566.
- Tousignant, William F., to The Dow Chemical Co. Nitrogenous condensation product. 2,849,486, 8-26-58, Cl. 260-566.
- Tousignant, William F., and H. F. Bylsma, to The Dow Chemical Co. Stabilized soil compositions containing reaction products of lignin with polyalkylene polyamines. 2,839,417, 6-17-58, Cl. 106-123.
- Tousignant, William F., and T. Houtman, Jr., to The Dow Chemical Co. Beta-amino lower-alkyl carbamates and resinous reaction products thereof. 2,842,523, 7-8-58, Cl. 260-69.
- Tousignant, William F., and T. Houtman, Jr., to The Dow Chemical Co. Linear polysulfonic acid polymers. 2,861,101, 11-18-58, Cl. 260-513.
- Touton, Louis L. Conveyor apparatus. 2,849,105, 8-26-58, 8-26-58, Cl. 198-213.
- Touvy, Robert, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey. Grinding tools used for grinding flat glass and other materials. 2,820,334, 1-21-58, Cl. 51-209.
- Touvy, Robert, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey. Apparatus for grinding or polishing flat glass. 2,833,090, 5-6-58, Cl. 51-112.
- Touvet, Guy A. Light communication system. 2,858,421, 10-28-58, Cl. 250-7.
- Touzalim, Robert E., to Arthur G. McKee & Co. Gas washer overflow apparatus. 2,848,010, 8-19-58, Cl. 137-177.
- Tovrog, Theodore, and A. A. Krawetz. Temperature control apparatus and method. 2,835,477, 5-20-58, Cl. 257-4.
- Towe, Algernon C.: *See*—
Davies, Howard, and Towe. 2,849,567.
- Towell, Gordon: *See*—
Kerr, Hugh M., and Towell. 2,830,885.
- Tower Iron Works Inc.: *See*—
Prince, Harry T., and Smith. 2,833,136.
- Towle, George B., R. L. Vasquez, and A. E. Wetherbee, Jr., to United Aircraft Corp. Thrust reversing and silencing. 2,866,316, 12-30-58, Cl. 60-35.541.
- Towle, Robert G., to Specialties Development Corp. Reaction switch. 2,822,436, 2-4-58, Cl. 200-61.41.
- Towler, Frank H.: *See*—
Towler, John M. 2,839,897.
Towler, John M. and F. H. 2,861,426.
- Towler, Frank H., and J. M., to Electrolic Presses Ltd. Control valves. 2,827,924, 3-25-58, Cl. 137-625.11.
- Towler, Frank H., and J. M., to Electrolic Presses Ltd. Hydraulic variable pressure relief valves. 2,840,106, 6-24-58, Cl. 137-538.
- Towler, James F., to I. D. E. A. Inc. Television receiver remote control system. 2,865,990, 12-23-58, Cl. 178-7.3.
- Towler, John M.: *See*—
Towler, Frank H., and J. M. 2,827,924.
Towler, Frank H., and J. M. 2,840,106.
- Towler, John M., to Electrolic Presses Ltd. Control gear for hydraulic presses. 2,827,765, 3-25-58, Cl. 60-52.
- Towler, John M., deceased, by F. H. Towler, executor, to Electrolic Presses Ltd. Control valves for hydraulic presses. 2,839,897, 6-24-58, Cl. 60-52.
- Towler, John M., to Electrolic Presses Ltd. Control valves for hydraulic presses. 2,848,874, 8-26-58, Cl. 60-52.
- Towler, John M., deceased (F. H. Towler, executor), to Electrolic Presses Ltd. Control valves for hydraulic presses. 2,861,426, 11-25-58, Cl. 60-52.

- Towlsaver, Inc.: *See*—
Berney, Joseph C. 2,859,814.
- Townmotor Corp.: *See*—
Curtis, Everett C. 2,861,480.
Curtis, Everett C., Crawford, and Evans. 2,861,657.
Oster, Robert F., and Haflor. 2,832,487.
- Town, Bernard W., to Schwarz Laboratories, Inc. α -Amino acid derivative and fats and oil. 2,850,387, 9-2-58, Cl. 99-14.
- Towne, Charles W. Teat dilator. 2,827,054, 3-18-58, Cl. 128-341.
- Towne, Edmund B., J. W. Wellman, and J. B. Dickey, to Eastman Kodak Co. Polymers from reaction of 3-amino-1,2,4-triazole with organic diisocyanates or carbonates. 2,824,086, 2-18-58, Cl. 260-77.5.
- Towne, Edmund B., W. H. Moore, and J. B. Dickey, to Eastman Kodak Co. Monoazo compounds containing a 2-aminothiophene nucleus. 2,825,726, 3-4-58, Cl. 260-152.
- Towne, Edmund B., W. H. Moore, and J. B. Dickey, to Eastman Kodak Co. 2-aminothiophene azo compounds. 2,827,450, 3-18-58, Cl. 260-152.
- Towne, Edmund B., W. H. Moore, and J. B. Dickey, to Eastman Kodak Co. 2-aminothiophene azo compounds. 2,827,451, 3-18-58, Cl. 260-154.
- Towne, Edmund B., J. B. Dickey, and M. S. Bloom, to Eastman Kodak Co. 2-amino-4-alkylsulfonyl-5-nitrothiazole azo compounds. 2,839,523, 6-17-58, Cl. 260-155.
- Towne, Edmund B., J. B. Dickey, and M. S. Bloom, to Eastman Kodak Co. 2-amino-alkylsulfonyl-5-nitrothiazole azo compounds. 2,852,504, 9-16-58, Cl. 260-158.
- Townend, Robert V.: *See*—
Broadley, Robert D., and Townend. 2,827,438.
- Towner, George H., to Northrop Aircraft, Inc. Synchro system and quadrature voltage eliminator therefor. 2,832,020, 4-22-58, Cl. 318-30.
- Towner, George H., to Northrop Aircraft, Inc. Digital servo system. 2,860,292, 11-11-58, Cl. 318-23.
- Towner, George H., to Northrop Aircraft, Inc. Phase-amplitude detector. 2,860,306, 11-11-58, Cl. 324-89.
- Towner Mfg. Co.: *See*—
Heckathorn, Loyd E. 2,847,921.
- Townes, Charles H., to Bell Telephone Laboratories, Inc. Molecular resonance modulators and demodulators. 2,819,450, 1-7-58, Cl. 332-57.
- Townhill, Arthur, to United States Borax & Chemical Corp. Valve adapted for use in powder dispensers. 2,840,278, 6-24-58, Cl. 222-305.
- Townley, Bernard R. Protective device. 2,838,758, 6-17-58, Cl. 2-49.
- Townley, Eustace R.: *See*—
Tyler, Frank, Walker, and Townley. 2,862,818.
- Towns, Mirabeau C., Jr., to Reaction Motors, Inc. Constant speed reaction motor. 2,827,762, 3-25-58, Cl. 60-39.35.
- Towns, Mirabeau C., Jr., to United States of America, Navy. Automatic oxygen vapor vent valve for engines. 2,838,060, 6-10-58, Cl. 137-115.
- Towns, Victor W. H., D. S. Evans, and P. L. F. Jones, to Hilger & Watts Ltd. Digital servosystem for positioning an adjustable member. 2,853,664, 9-23-58, Cl. 318-28.
- Townsend, Almon F., to The Heald Machine Co. Grinding machine. 2,826,875, 3-18-58, Cl. 51-165.
- Townsend, Almon F., to The Heald Machine Co. Machine tool. 2,826,943, 3-18-58, Cl. 77-3.
- Townsend, Almon F., to The Heald Machine Co. Internal grinding machine. 2,850,847, 9-9-58, Cl. 51-48.
- Townsend Co.: *See*—
Gandy, John E. 2,843,861.
Gandy, John E. 2,843,928.
- Townsend Engineering Co.: *See*—
Townsend, Ray T. 2,839,113.
- Townsend, H. P. Mfg. Co., The: *See*—
Espari, Alphonse A., and Pafumi. 2,832,122.
- Townsend, Harold J.: *See*—
Grenley, Dallas G., and Townsend. 2,840,491.
- Townsend, Harry M., to General Motors Corp. Automobile ventilator. 2,838,988, 6-17-58, Cl. 98-2.
- Townsend, James R.: *See*—
Gradoff, Alex, Howell, and Vinoff. 2,822,569.
- Townsend, John E., and L. W. Myers, to Republic Steel Corp. Shear apparatus. 2,866,503, 12-30-58, Cl. 164-58.
- Townsend, John P.: *See*—
Kesi, Richard P., and Townsend. 2,833,365.
- Townsend, Lawrence E. GROUTING or sealing apparatus. 2,860,489, 11-18-58, Cl. 61-63.
- Townsend, Paul V., to Recreation Equipment Corp. Basketball bankboard suspension. 2,865,634, 12-23-58, Cl. 273-1.5.
- Townsend, Ray T., to Townsend Engineering Co. Bacon converter. 2,839,113, 6-17-58, Cl. 146-78.
- Townsend, Vernon G., to United States of America, Navy. Sealed conduit for electrical conductors. 2,864,883, 12-16-58, Cl. 174-151.
- Townsend, Wilbur J., and A. M. Castello, to The Coleman Co., Inc. Inverted lantern. 2,859,332, 11-4-58, Cl. 240-38.
- Townshend, Stanley C., to The International Nickel Co., Inc. Carbonyl treatment of nickel-containing laterite ores. 2,850,377, 9-2-58, Cl. 75-82.
- Townsley, Esther. Baby bathing support. 2,825,911, 3-11-58, Cl. 4-185.
- Townsley, John J., to United States of America, Navy. Rotating propellant tank having baffle means for directing propellant to outlets. 2,834,517, 5-13-58, Cl. 222-168.
- Toy, Arthur D. F., and K. H. Rattenbury, to Victor Chemical Works. Plastic compositions containing dialkyl monochlorophosphonate esters. 2,836,504, 5-27-58, Cl. 106-177.
- Toy, Arthur D. F., and K. H. Rattenbury, to Victor Chemical Works. Dialkyl monochloromethanephosphonate esters containing from 3 to 10 carbon atoms in the hydrocarbon radicals. 2,841,604, 7-1-58, Cl. 260-461.
- Toy, Arthur D. F., and R. S. Cooper, to Victor Chemical Works. Dialkyl beta-cyanoethanephosphonate and polymers and copolymers thereof. 2,844,558, 7-22-58, Cl. 260-45.4.
- Toy, Arthur D. F., and K. H. Rattenbury, to Victor Chemical Works. Alkyl aryl monochloromethanephosphonate esters. 2,863,903, 12-9-58, Cl. 260-461.
- Toy Ideas, Inc.: *See*—
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- Toy Unique, Inc., The: *See*—
Pohl, Ernest F. 2,827,252.
- Toyoy Rayon Co., Ltd.: *See*—
Kosuge, Ichiro. 2,835,551.
- Toyoda, Shigeo. Horizontal type gear pump. 2,823,616, 2-18-58, Cl. 103-126.
- Traben, Josef. Frame saw with adjustable blades. 2,820,492, 1-21-58, Cl. 143-156.
- Trabon Engineering Corp.: *See*—
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Harter, Robert L. 2,857,491.
- Trabut, Jean A., to Compagnie Generale d'Electricite. Electric circuit comprising of a transformer and a series condenser in one of the windings. 2,858,455, 10-28-58, Cl. 307-58.
- Trace, Leslie G.: *See*—
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- Tracerlab, Inc.: *See*—
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Kern, Walter P. 2,852,729.
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Peacock, Wendell C., and Ziffer. 2,829,269.
Thomas, Alexander, and Sweetser. 2,864,012.
Ziffer, Garret F. 2,825,805.
Ziffer, Garret F. 2,859,287.
- Tracey, Edward J. J., Jr., to the United States of America as represented by the Secretary of the Navy. Means for releasing buoyant objects underwater. 2,818,807, 1-7-58, Cl. 102-13.
- Tracht, Joseph H., to Gulf Research & Development Co. Chromatography method and apparatus. 2,839,152, 6-17-58, Cl. 183-2.
- Trachtenberg, Murray. Automatic system for degaussing control. 2,832,041, 4-22-58, Cl. 324-43.
- Trachtman, Eugene. Broiler. 2,849,949, 9-2-58, Cl. 99-425.
- Trachtman, Morris, and A. S. Zitin, to M. Trachtman, A. S. Zitin, and B. C. Zitin, trustees. Apparatus for and method of curing hams. 2,827,380, 3-18-58, Cl. 99-159.
- Track, Frank A. Fluid suspension for a load carrying body. 2,859,711, 11-11-58, Cl. 105-453.
- Tracy, Benjamin F., and J. O. Eads, to National Mine Service Co. Continuous mining machine of the boring type having adjustable cutter chains. 2,836,407, 5-27-58, Cl. 262-7.
- Tracy, Glen M. Individual tap instantaneous water heater. 2,843,717, 7-15-58, Cl. 219-39.
- Tracy, Helen J.: *See*—
Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,274.
Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,275.
Land, Edwin H., Cohen, and Tracy. 2,857,276.
- Tracy, Herbert E., to Borg-Warner Corp. Liquid cooled seal. 2,824,759, 2-25-58, Cl. 286-9.
- Tracy, Michael J. Screen. 2,832,407, 4-29-58, Cl. 160-371.
- Tracy, Ralph L., to Norda Essential Oil & Chemical Co. Process for extracting pyrethrin synergists from sesame oil. 2,837,534, 6-3-58, Cl. 260-340.5.
- Tracy, Robert A., to Burroughs Corp. Magnetic device. 2,832,062, 4-22-58, Cl. 340-174.
- Tracy, Ward D., to Southwest Products Co. Bearing test apparatus. 2,852,853, 9-23-58, Cl. 33-174.
- Trad, George: *See*—
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- Trad Television Corp.: *See*—
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- Trade-Wind Motorfans, Inc.: *See*—
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- Traffic Transport Engineering, Inc.: *See*—
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- Trafik- & Vagmarken AB: *See*—
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- Trageser, Georg: *See*—
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Schlecht, Leo, and Trageser. 2,860,967.
- Trailerack Transit, Inc.: *See*—
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- Trailmobile, Inc.: *See*—
 Black, James J. 2,832,636.
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 Black, James J. 2,841,415.
 Black, James J. 2,843,422.
- Trail-Rite Gauge Co., The: *See*—
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- Train, Jack D.: *See*—
 Renner, Elmer J., and Train. 2,823,319.
- Train, John A. Combination chair and blackboard. 2,833,331, 5-6-58, Cl. 155-2.
- Trainer, Richard P.: *See*—
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- Trainer, Richard P., to Shell Development Co. Fluid catalyst process and apparatus. 2,862,786, 12-2-58, Cl. 23-1.
- Trainer, Robert F., to United States of America, Navy. Power meter for notch antennas. 2,852,668, 9-16-58, Cl. 250-1.
- Traino, Louis M., and L. Arnesen, to Graflex, Inc. Focusing mechanism for photographic camera. 2,860,560, 11-18-58, Cl. 95-45.
- Trainer, Frank E.: *See*—
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- Traise, Thornton P.: *See*—
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- Trambley, Leo E.: *See*—
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- Trammell, Earl M., Jr.: *See*—
 Trammell, Earl M., Sr., and E. M. Trammell, Jr. 2,834,068.
- Trammell, Earl M., Sr., and E. M. Trammell, Jr. Jamb attachments for window structure. 2,834,068, 5-13-58, Cl. 20-52.
- Tramontini, Vernon N.: *See*—
 Ryder, Frank A., Tramontini, and Wein. 2,834,336.
- Trampier, Charles R., Jr.: *See*—
 Doll, Donald P., Rodgers, and Trampier. 2,822,242.
- Trane Co., The: *See*—
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- Trank, Adolph I., L. and S. Telephone dial timepiece and mounting therefor. 2,849,203, 8-26-58, Cl. 248-115.
- Trank, Leonard: *See*—
 Trank, Adolph I., L., and S. 2,849,203.
- Trank, Samuel: *See*—
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- Transall Inc.: *See*—
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- Transco Products, Inc.: *See*—
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- Transportation Venders, Inc.: *See*—
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- Trapp, Karl: *See*—
 Karle, August, and Trapp. 2,851,308.
- Trapp, Walter B., to D. E. Fletcher, to The Dow Chemical Co. Acrylic acid compounds. 2,859,239, 11-4-58, Cl. 260-464.
- Trapp, Walter B., and D. E. Fletcher, to The Dow Chemical Co. Acrylic acid compounds. 2,834,800, 5-13-58, Cl. 260-464.
- Trapp, Walter B., and D. E. Fletcher, to The Dow Chemical Co. 6-Methyl-3-cyclohexene-1-acrylic acid. 2,847,460, 8-12-58, Cl. 260-514.
- Trasformazioni Tessili S. r. l.: *See*—
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- Trasio, Peter J.: *See*—
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- Trask, Amie L.: *See*—
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- Trask, Harold V.: *See*—
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- Trask, Jack L., and W. F. Tousignant, to The Dow Chemical Co. Process for making 2-oxazolidones. 2,826,587, 3-11-58, Cl. 260-307.
- Trask, Leith P.: *See*—
 Trask, Neil W., Sr. 2,863,576.
- Trask, Neil W., Jr.: *See*—
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- Trask, Neil W., Sr., 1/6 to A. L. Trask, 1/6 to L. P. Trask, 1/6 to A. T. Wright, 1/6 to M. T. Hughes, and 1/6 to N. W. Trask, Jr. Method and apparatus for unloading a silo. 2,863,576, 12-9-58, Cl. 214-17.
- Trathowen, Charles A.: *See*—
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- Tratsch, Walter A.: *See*—
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- Tratsch, Walter A. Pistol assembly for amusement devices. 2,820,443, 1-21-58, Cl. 124-27.
- Traub, Eberhardt, and A. Orthlieb. Electrical recording apparatus. 2,836,479, 5-27-58, Cl. 346-74.
- Traub, Eugene F.: *See*—
 Applegate, Howard T. 2,819,482.
- Traugher, Charles W., Jr. Top cylinder and valve lubricator. 2,865,362, 12-23-58, Cl. 123-196.
- Traugott, Wilfred F. Corn cracker. 2,834,387, 5-13-58, Cl. 146-79.
- Traugott, Wilfred F. Idler arm bracket bearing. 2,853,327, 9-23-58, Cl. 287-93.
- Traugott, Wilfred F. Adjustable pivotal mounting. 2,859,058, 11-4-58, Cl. 287-53.
- Traumuller, Erhard. Fishhooks. 2,823,485, 2-18-58, Cl. 43-13.6.
- Traupel, Walter, to Sulzer Frères, Société Anonyme. Determining and controlling the inlet temperature of a gas turbine. 2,836,976, 6-3-58, Cl. 73-346.
- Traupel, Walter, to Sulzer Frères, Société Anonyme. Gas turbine driven plant for supplying compressed air. 2,845,776, 8-5-58, Cl. 60-39.07.
- Traummann, Raymond J., to Blackhawk Mfg. Co. Pre-indicator of pipe positions and bends. 2,824,381, 2-25-58, Cl. 33-207.
- Trautman, Walter C., to Casco Products Corp. Knob and shaft assembly. 2,863,968, 12-9-58, Cl. 200-139.
- Trautman, Walter C. and R. W. McNabb, to Walker Mfg. Co. of Wisconsin. Transmission jack. 2,837,222, 6-3-58, Cl. 214-1.
- Trautmann, Herbert L.: *See*—
 Trumbull, Donald E., Stevenson, and Trautmann. 2,859,017.
- Trautner, Wagn. Vehicular signal. 2,825,887, 3-4-58, Cl. 340-52.
- Trautvetter, George, to Kelsey-Hayes Co. Television cabinet. Re. 24,455, 4-8-58, Cl. 312-7.
- Trautz, Richard, to Jonell Mfg. Corp. Waterproof watch case bezel. 2,830,434, 4-15-58, Cl. 58-90.
- Trautzel, Peter: *See*—
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- Traver, Craig S.: *See*—
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- Traver, Fred C., and C. S. Severing blue material. 2,823,969, 2-18-58, Cl. 342-39.
- Traver, Philip C., 1/2 to H. Forman. Flush tank control means. 2,862,210, 12-2-58, Cl. 4-67.
- Traverso, John J.: *See*—
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- Travilla, James C., to General Steel Castings Corp. Railway truck and body assembly. 2,821,149, 1-28-58, Cl. 105-196.
- Travilla, James C., to General Steel Castings Corp. Railway truck. 2,841,097, 7-1-58, Cl. 105-199.
- Travilla, James C., A. C. Wintenberg, and R. E. Stein, to General Steel Castings Corp. Railway vehicle truck. 2,841,095, 7-1-58, Cl. 105-188.
- Travilla, James C., and J. J. Zach, to General Steel Castings Corp. Railway truck bolster structure. 2,843,058, 7-13-58, Cl. 105-230.
- Travilla, James C., and R. L. Lich, to General Steel Castings Corp. Railway truck anchor device. 2,852,248, 9-16-58, Cl. 267-67.
- Travis, James C.: *See*—
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- Travis, John P. Folding blue window. 2,820,514, 1-21-58, Cl. 160-187.
- Travis, Ralph L., 1/2 to E. D. Schade and 1/2 to D. Moseley. Device for sharpening chain saw chains. 2,859,642, 11-11-58, Cl. 76-31.
- Traxler, Ralph N., and C. E. Wilkinson, to The Texas Co. Process for manufacturing asphalt-rubber blends. 2,830,963, 4-15-58, Cl. 260-28.5.
- Traylor, Teddy G.: *See*—
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- Traynor, John S., to Haws Drinking Faucet Co. Fountain receptor. 2,841,799, 7-8-58, Cl. 4-187.
- Trobojevich, Nikola J. Constant velocity universal joint. 2,839,905, 6-24-58, Cl. 64-21.
- Treadgold, Ronald: *See*—
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- Treadwell Construction Co.: *See*—
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- Treadwell, Cyril G., to International Standard Electric Corp. Electric pulse coding arrangements. 2,825,873, 3-4-58, Cl. 332-11.
- Treadwell, Cyril G., to International Standard Electric Corp. Electric pulse communication systems. 2,852,607, 9-16-58, Cl. 179-15.
- Treadwell, Cyril G., to International Standard Electric Corp. Keyed frequency modulation carrier wave systems. 2,860,185, 11-11-58, Cl. 179-15.

- Treasure, Robert K.: *See*—
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- Treber, Willy O.: *See*—
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- Trebilcock, John W.: *See*—
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- Trebules, Victor W.: *See*—
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- Trecker, Francis J.: *See*—
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- Trecker, Francis J. Chain saw. 2,832,136, 4-29-58, Cl. 30—167.
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- Treff, Ernest H.: *See*—
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- Trefny, Thomas F. Gun switch connector. 2,846,802, 8-12-58, Cl. 42—84.
- Trefts, Richard G.: *See*—
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- Tregay, John L., to A. B. Dick Co. Head registration adjusting mechanism for duplicators. 2,860,578, 11-18-58, Cl. 101—248.
- Tregay, John L., and J. J. Schulze, to Charles Brunning Co. Inc. Developing electrostatic latent images on photo-conductive insulating material. 2,851,373, 9-9-58, Cl. 117—175.
- Tregillus, Leonard W., to Eastman Kodak Co. Photographic foam processing. 2,860,977, 11-18-58, Cl. 96—61.
- Treharne, Roland L. Speed selector. 2,822,881, 2-11-58, Cl. 180—82.1.
- Treimann, William A. Paper clip dispenser. 2,833,028, 5-6-58, Cl. 29—212.
- Treiss, Herman G., to A. S. R. Products Corp. Blade dispensers. 2,831,601, 4-22-58, Cl. 221—33.
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- Tremblay, Bernard G., and W. H. Stuellein, to Westinghouse Electric Corp. Circuit breaker. 2,828,384, 3-25-58, Cl. 200—108.
- Trench, William J., and A. C. Giese. Inflatable antenna. 2,853,706, 9-23-58, Cl. 343—880.
- Trent, Horace M.: *See*—
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- Trent, Inc.: *See*—
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- Trent, Kenneth E.: *See*—
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- Trent, Robert L., to Bell Telephone Laboratories, Inc. Bistable transistor trigger circuit. 2,843,762, 7-15-58, Cl. 307—88.5.
- Trent Tube Co.: *See*—
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- Treo Co., Inc.: *See*—
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- Treptow, Charles W., to Baxter Laboratories, Inc. Tubing clamp for parenteral administration set. 2,855,173, 10-7-58, Cl. 251—4.
- Trescott, Donald A., to Super-Cut, Inc. Truing device for peripheral type grinding wheels. 2,841,928, 7-8-58, Cl. 51—168.
- Treseder, Robert C.: *See*—
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- Treshow, Michael, to United States of America, Atomic Energy Commission. Neutronic reactor. 2,848,404, 8-19-58, Cl. 204—193.2.
- Treshow, Michael, to United States of America, Atomic Energy Commission. Horizontal boiling reactor system. 2,861,033, 11-18-58, Cl. 204—193.2.
- Trethewey, William D. Flow dividing valve. 2,844,159, 7-22-58, Cl. 137—101.
- Treuting, Robert G., to Bell Telephone Laboratories, Inc. Method of processing semiconductor materials. 2,840,495, 6-24-58, Cl. 148—15.
- Trevvarthen, George C.: *See*—
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- Trevvarthen, George C., to General Motors Corp. Piston. 2,860,934, 11-18-58, Cl. 309—10.
- Trevaskis, Henry W., to Dunlop Rubber Co. Ltd. Demand valve for respiratory apparatus. 2,856,945, 10-21-58, Cl. 137—63.
- Trevaskis, Henry W., to Dunlop Rubber Co. Ltd. Vehicle wheel assembly. 2,856,980, 10-21-58, Cl. 152—410.
- Trève, Lucien V., to Societe de Mecanographie Japy (Societe Anonyme). Tabulating device for typewriting machines. 2,841,267, 7-1-58, Cl. 197—177.
- Trevitt, John H., to Dictaphone Corp. Signal generating apparatus. 2,824,245, 2-18-58, Cl. 310—168.
- Trevor, John B., Jr. Pulse power control. 2,822,538, 2-4-58, Cl. 343—17.1.
- Trevoxy, Donald J., to Eastman Kodak Co. Photomechanical reproduction. 2,865,750, 12-23-58, Cl. 96—86.
- Trewhella, Stephen W.: *See*—
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- Trexler, Philip C., to Reyniers & Son. Joint for connecting flexible tubular members. 2,842,773, 7-15-58, Cl. 2—270.
- Treybal, Robert E., W. H. Kapfer, and L. Bajars, to Scrap Conservation Committee of the Steel Industry. Method of reclaiming scrap steel. 2,819,159, 1-7-58, Cl. 75—45.
- Treynor, Selma B.: *See*—
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- Treyz, George E.: *See*—
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- Trianco Ltd.: *See*—
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- Triangle Tool & Mfg. Co.: *See*—
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- Tribalat, Suzanne, to Centre National de la Recherche Scientifique. Method of extracting strong acids in an aqueous medium. 2,855,294, 10-7-58, Cl. 75—121.
- Tribelhorn, Emile. Climbing and braking device for skis. 2,844,380, 7-22-58, Cl. 280—11.13.
- Tribit, Samuel W., to American Cyanamid Co. Oxidation of naphthalene with a vanadium catalyst of controlled valence. 2,863,879, 12-9-58, Cl. 260—346.4.
- Tribit, Samuel W., W. O. Fugate, and J. K. Dixon, to American Cyanamid Co. Production of 1,4-naphthoquinone with vanadium catalysts of controlled valence. 2,863,884, 12-9-58, Cl. 260—396.
- Tribken, Everett E., and M. J. Match, to Sperry Rand Corp. Aircraft control system. 2,829,848, 4-8-58, Cl. 244—77.
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- Trico Products Corp.: *See*—
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- Trickle, Russell W., Jr., to Dittmore-Freimuth Corp. Method and means for soldering conductors. 2,845,521, 7-29-58, Cl. 219—85.
- Trief, Leo: *See*—
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- Trief, Marcel, 1/2 to L. Trief. Material feed control means for handling granulated slag and similar materials. 2,854,171, 9-30-58, Cl. 222—47.
- Trief, Victor. Method for producing a hydraulic binder in powder form. 2,819,172, 1-7-58, Cl. 106—102.
- Trier, James J., to R. Hoe & Co., Inc. Conveyor means for rotary offset printing machines. 2,833,211, 5-6-58, Cl. 101—177.
- Trier, Raymond T.: *See*—
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- Trieschmann, Hans Georg: *See*—
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- Trieschmann, Hans G., L. Reuter, and W. Arend, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of ester amides. 2,831,018, 4-15-58, Cl. 260—490.
- Triggs, Kenneth F., to The Majestic Co., Inc. Incinerator. 2,847,951, 8-19-58, Cl. 110—8.
- Triggs, Kenneth F., to The Majestic Co., Inc. Flue cleanout door assembly. 2,848,078, 8-19-58, Cl. 189—46.
- Triggs, Kenneth F., to The Majestic Co., Inc. Electric incinerator. 2,854,557, 9-30-58, Cl. 219—19.
- Trikotfabriken J. Schiesser A. G.: *See*—
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- Trimble, Ceburn B., to The National Cash Register Co. Tape-feeding means for record tape. 2,864,609, 12-16-58, Cl. 271—2.6.
- Trimble, Charles H., and F. J. Wagner, to Western Electric Co., Inc. Web guiding and tensioning device. 2,828,125, 3-25-58, Cl. 271—2.6.
- Trimble, Edward C., to Trimble, Inc. Infant's dressing table toy. 2,858,641, 11-4-58, Cl. 46—32.

- Trimble Inc.: *See*—
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- Trimble, Leon F.: *See*—
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- Trinca, Frederick. Locking devices. 2,823,725, 2-18-58, Cl. 152-431.
- Trinite, George M., Jr., to Aircraft Armaments, Inc. Sun-follower. 2,839,689, 6-17-58, Cl. 250-203.
- Trinter, Vernon E., to Philco Corp. Wave energy transmission system. 2,831,190, 4-15-58, Cl. 343-854.
- Triolo, Louis. Box making and assembling machines. 2,839,971, 6-24-58, Cl. 93-39.
- Triolo, Louis. Tape applying machine. 2,854,164, 9-30-58, Cl. 216-29.
- Triolo, Louis. Envelope making machine. 2,859,672, 11-11-58, Cl. 93-61.
- Trio Mfg. Co.: *See*—
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Guernsey, John F. 2,866,196.
Vail, Arthur E., and Rothermel. 2,819,463.
- Trip, Lucien H. Automatic self starter for internal combustion engines. 2,860,256, 11-11-58, Cl. 290-2.
- Triplett Electrical Instrument Co., The: *See*—
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Triplett, Ray L. 2,865,002.
- Triplett, Ray L., to The Triplett Electrical Instrument Co. Long scale instrument. 2,865,002, 12-16-58, Cl. 324-150.
- Tripod Oil Tool Co.: *See*—
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- Tripoli, John. Dispensing device for toothpaste or the like substance. 2,822,111, 2-4-58, Cl. 222-100.
- Tripp, Guy H. Chucks. 2,822,177, 2-4-58, Cl. 279-58.
- Tripp, Robert W., to Inductosyn Corp. Automatic shaft control. 2,839,711, 6-17-58, Cl. 318-162.
- Tripp, Robert W., to Inductosyn Corp. Three dimensional machine control servosystem. 2,843,811, 7-15-58, Cl. 318-19.
- Tripp, Robert W., and J. I. Winget, to Inductosyn Corp. Rotary position measuring transformer. 2,844,802, 7-22-58, Cl. 336-123.
- Tripp, Robert W., to Inductosyn Corp. Automatic machine control. 2,849,668, 8-26-58, Cl. 318-28.
- Tripp, Robert W., to Inductosyn Corp. Bilateral electrical resolver system. 2,866,597, 12-30-58, Cl. 235-61.
- Tripp, Robert W., to Inductosyn Corp. Machine tool control. 2,866,946, 12-30-58, Cl. 323-53.
- Trippie, Walter, to Bremshy & Co. Collapsible umbrella. 2,850,028, 9-2-58, Cl. 135-26.
- Trippier, Otto F. Hand-operated cam actuated pivoted jaw tool. 2,827,694, 3-25-58, Cl. 30-188.
- Trisler, Milton A., to General Motors Corp. Engine. 2,862,490, 12-2-58, Cl. 123-122.
- Tri-State Engineering Co.: *See*—
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- Tri-State Processing Co.: *See*—
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- Tristram, Edward W.: *See*—
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Chemerda, John M., Chamberlin, and Tristram. 2,833,791.
Chemerda, John M., Chamberlin, and Tristram. 2,833,796.
- Tristram, Edward W., to Merck & Co., Inc. Chemical compounds and processes of preparing same. 2,837,542, 6-3-58, Cl. 260-397.45.
- Tri-Tek Inc.: *See*—
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- Tritt, Charles W. Filter head for coffee makers. 2,839,988, 6-24-58, Cl. 99-307.
- Triumph Hosiery Mills, Inc.: *See*—
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- Triumph Werke Nurnberg A. G.: *See*—
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- Triumphator-Werk Veb: *See*—
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- Trobaugh, Murle O. Poultry feeder. 2,827,876, 3-25-58, Cl. 119-52.
- Troberg, Bolge: *See*—
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- Troccia, Edmond L. Fish hook devices. 2,826,855, 3-18-58, Cl. 43-44.83.
- Troche, Herman J.: *See*—
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- Troche, Herman J., to J. H. Holan Corp. Automatic jack. 2,837,312, 6-3-58, Cl. 254-86.
- Troche, Herman J., to The J. H. Holan Corp. Articulated apparatus. 2,841,998, 7-8-58, Cl. 74-99.
- Troche, Herman J., to J. H. Holan Corp. Ladder lock. 2,853,221, 9-23-58, Cl. 228-65.
- Troche, Herman J., to J. H. Holan Corp. Vehicle ladder apparatus. 2,864,543, 12-16-58, Cl. 228-6.
- Troche, Herman J., and J. H. Holan, to J. H. Holan Corp. Extensible mast structures for hydraulic towers. 2,826,280, 3-11-58, Cl. 189-14.
- Troeger, Henry: *See*—
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Palfreyman, Raymond D., and Troeger. 2,845,054.
- Troeger, Henry, to Bendix Aviation Corp. Power transmission. 2,864,259, 12-16-58, Cl. 74-113.
- Troeger, Henry, and D. Palfreyman, to Bendix Aviation Corp. Clamping ring. 2,851,758, 9-16-58, Cl. 24-279.
- Troeller, Charles G.: *See*—
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- Troemmel, Walter H., to The Reliance Electric and Engineering Co. Machine oiling system. 2,829,736, 4-8-58, Cl. 184-13.
- Troendle, Jean A. Mirror for vehicles. 2,857,810, 10-28-58, Cl. 88-87.
- Troendly, Harry P., and E. A. Ferris, to Borg-Warner Corp. One-way engaging device. 2,824,635, 2-25-58, Cl. 192-45.1.
- Troendly, Harry P., E. A. Ferris, and B. A. Fulton, Jr., to Borg-Warner Corp. One-way clutch. 2,824,636, 2-25-58, Cl. 192-45.1.
- Trogden, Arthur R. Automatic electric drip coffee maker. 2,824,509, 2-25-58, Cl. 99-292.
- Troglione, Vincent R., to Ferguson Equipment Corp. Transfer apparatus between conveyors. 2,848,099, 8-19-58, Cl. 198-45.
- Troidl, Robert A. Film developing apparatus. 2,848,931, 8-26-58, Cl. 95-94.
- Trojan, Jean. Collapsible clothes basket. 2,834,502, 5-13-58, Cl. 220-8.
- Trojan Powder Co.: *See*—
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- Troll, William A., to Emsig Mfg. Co. Shank button feeder. 2,830,549, 4-15-58, Cl. 112-113.
- Tromanhauser, Jesse J. Transom trim adjuster for an out-board motor. 2,822,999, 2-11-58, Cl. 248-4.
- Trombetta, Panfilo. Solenoid actuated operator system. 2,848,903, 8-26-58, Cl. 74-516.
- Trombley, Clifford J. Marine conversion unit. 2,833,163, 5-6-58, Cl. 74-780.
- Tromel, Frederic C., to Alco Products, Inc. Pistons. 2,818,842, 1-7-58, Cl. 123-41.38.
- Trommler, Herbert, to VEB Carl Zeiss Jena. Arrangement for ultrasonic material testing. 2,832,214, 4-29-58, Cl. 73-67.6.
- Trommsdorff, Ernst: *See*—
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- Tromp, Klaas F. Process for recovery and purifying of finely divided heavy material. 2,835,384, 5-20-58, Cl. 209-12.
- Trompeter, William: *See*—
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- Tronchet, Charles F. Automatically releasable safety arrangement for securing a ski to a skier's boot. 2,844,381, 7-22-58, Cl. 280-11.35.
- Tronic Tooling Corp.: *See*—
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- Tronnier, Albrecht W., to Farrand Optical Co., Inc. Objective lens with short rear length. 2,837,009, 6-3-58, Cl. 88-57.
- Tronnier, Albrecht W., to Farrand Optical Co., Inc. High speed objective lens with anastigmatically flattened field. 2,846,923, 8-12-58, Cl. 88-57.
- Tronnier, Albrecht W., to Farrand Optical Co., Inc. Objective lens of extremely high relative aperture. 2,861,500, 11-25-58, Cl. 88-57.
- Troost, Albert, and H. Kunze, to Telefunken Gesellschaft fur Drahtlose Telegraphie G. m. b. H. Diode switching means. 2,829,365, 4-1-58, Cl. 343-121.
- Troost, Willem, to North American Philips Co., Inc. Device for automatic control of the temperature of an electric furnace. 2,829,231, 4-1-58, Cl. 219-20.
- Tropea, Salvatore: *See*—
Acerno, Carmine. 2,833,877.
- Tropel, Inc.: *See*—
Evans, John C. 2,849,585.
- Tropi-Sales: *See*—
Bussard, Willis A., and Chan. 2,827,414.
- Tropp, Jack B.: *See*—
Schneider, Edmund C., Jr. 2,820,282.
- Troppe, Frederick J. Multiple-tone drum. 2,858,724, 11-4-58, Cl. 84-411.
- Troselius, Elmer H.: *See*—
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- Tross, Robert A. Grass trimmer. 2,836,028, 5-27-58, Cl. 56-264.
- Trost, Walter R., and G. P. MacKay. Process for treating manganese garnet ore. 2,850,370, 9-2-58, Cl. 75-7.
- Trostel, Albert O., Jr., and H. J. Knoller, to Albert Trostel & Sons Co. Method of handling hides. 2,830,661, 4-15-58, Cl. 164-17.
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- Trostle, John W., to Aluminum Co. of America. Building structures. 2,857,861, 10-28-58, Cl. 108-26.
- Trotsky, David M. Multiple electric motor drive system. 2,864,040, 12-9-58, Cl. 318-8.
- Trott, Donald E., to California Research Corp. Hydraulic fracturing with overflushing. 2,859,819, 11-11-58, Cl. 166-22.
- Trott, Donald E., to California Research Corp. Method of reducing water production in oil wells. 2,859,820, 11-11-58, Cl. 166-22.
- Trott, Donald E., to California Research Corp. Method of increasing permeability of subterranean formations by hydraulic fracturing. 2,859,821, 11-11-58, Cl. 166-42.

- Trotter, Harry D., to Phillips Petroleum Co. Methods and apparatus for handling particulate solids. 2,841,446, 7-1-58, Cl. 302-64.
- Trotter, Percy W.: See—
Dunn, James H., and Trotter. 2,843,576.
- Trotter, Tomie L. Dispensing container. 2,861,719, 11-25-58, Cl. 222-144.
- Troudr, William J. Automobile door lock control circuit. 2,842,953, 7-15-58, Cl. 70-264.
- Trousdale, Robert B., to General Dynamics Corp. Subscriber line ringing in an electronic telephone system. 2,823,266, 2-11-58, Cl. 179-84.
- Trousdale, Robert B., to General Dynamics Corp. Electronic switch. 2,823,322, 2-11-58, Cl. 307-88.5.
- Trousdale, Robert B., to General Dynamics Corp. Electronic switching system. 2,830,120, 4-8-58, Cl. 179-18.
- Trousdale, Robert B., to General Dynamics Corp. Electronic telephone system. 2,830,121, 4-8-58, Cl. 179-18.
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- Trousdale, Robert B., to General Dynamics Corp. Electronic switching means. 2,831,110, 4-15-58, Cl. 250-27.
- Trousdale, Robert B., to General Dynamics Corp. Telephone system. 2,832,832, 4-29-58, Cl. 179-15.
- Trousdale, Robert B., to General Dynamics Corp. Electronic ringing apparatus. 2,832,838, 4-29-58, Cl. 179-84.
- Trousdale, Robert B., to General Dynamics Corp. Multi-frequency ringing machine. 2,834,954, 5-13-58, Cl. 340-248.
- Trousdale, Robert B., to General Dynamics Corp. Electronic telephone system. 2,838,610, 6-10-58, Cl. 179-15.
- Trousdale, Robert B., to General Dynamics Corp. Oscillator control circuit. 2,838,674, 6-10-58, Cl. 250-36.
- Trousdale, Robert B., to General Dynamics Corp. Telephone system. 2,841,651, 7-1-58, Cl. 179-15.
- Trousdale, Robert B., to General Dynamics Corp. Traffic monitor for electronic telephone system. 2,841,657, 7-1-58, Cl. 179-175.2.
- Trousdale, Robert B., to General Dynamics Corp. Electronic switching means. 2,848,544, 8-19-58, Cl. 179-15.
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- Trowbridge, David R., to The Plessey Co. Ltd. Control and ignition system for liquid fuel combustion apparatus. 2,850,874, 9-9-58, Cl. 60-39.14.
- Trowbridge, Harvey M.: See—
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- Woods, Harold A., and Trowbridge. 2,820,008.
- Troxell, Harold M., G. T. Moore, and J. H. Davis. Automatic retrieving mechanism for nose towed bird. 2,848,179, 8-19-58, Cl. 244-3.
- Troxler, Josef: See—
Tschappu, Franz. 2,825,673.
- Troy, Joseph E. Yarn dyeing device. 2,826,058, 3-11-58, Cl. 68-203.
- Troy Sunshade Co., The: See—
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- Troyer, John M. Shoe cleaning device. 2,832,979, 5-6-58, Cl. 15-112.
- Truax, George G. Mine roof cable support. 2,851,239, 9-9-58, Cl. 248-339.
- Trubenizing Process Corp.: See—
Bihaly, Lajos. 2,844,170.
- Trubert, Rene. Foot-actuated cock. 2,839,264, 6-17-58, Cl. 251-57.
- Truby, Frank K.: See—
Turner, Arthur F., and Truby. 2,858,240.
- Truchan, William. Swingable power saw support and guide. 2,842,168, 7-8-58, Cl. 143-46.
- Truck Equipment Co. Inc.: See—
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- Walter, Robert J. 2,829,904.
- Truck-Lite Co., Inc.: See—
Baldwin, George D. 2,853,595.
- Truckstell, Mfg. Co.: See—
Bryan, Art C. 2,839,940.
- Page, Raymond L. 2,840,389.
- Trudeau, Arthur G., to Louisville Cap Corp. Portable container for military caps. 2,839,217, 6-17-58, Cl. 220-32.
- True, Martin E., to Esso Research and Engineering Co. Pipe positioning device for a drilling derrick. 2,828,024, 3-25-58, Cl. 214-2.5.
- True, Martin E., to Esso Research and Engineering Co. Reinforced packer. 2,835,329, 5-20-58, Cl. 166-187.
- True, Martin E., to Jersey Production Research Co. Fluid-cooled braking device. 2,850,125, 9-2-58, Cl. 188-264.
- True, Martin E., G. Boer, and W. M. O'Reilly, to Esso Research and Engineering Co. Expandable drilling device. 2,834,580, 5-13-58, Cl. 255-76.
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- True, Virgil, and B. Fisk. Transmission line phase deviation detector. 2,851,662, 9-9-58, Cl. 324-83.
- Trueblood, Harold C.: See—
Leitch, George M., and Trueblood. 2,857,561.
- Truesdell, Francis W.: See—
Baker, George O., and Truesdell. 2,834,857.
- Manning, Ralph M., and Truesdell. 2,820,861.
- Truesdell, Francis W., to General Electric Co. Electric metering and control device. 2,830,269, 4-8-58, Cl. 324-116.
- Truesdell, Francis W., to General Electric Co. Non-jamming gear train. 2,831,362, 4-22-58, Cl. 74-405.
- Truesdell, Francis W., and W. J. Schultz, to General Electric Co. Control switch. 2,849,551, 8-26-58, Cl. 200-38.
- True Temper Corp.: See—
Albertson, William C., Jr. 2,817,760.
- True-Trace Corp.: See—
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- Truitt, Arthur R. Gate valve with hydraulic expanding gate. 2,825,528, 3-4-58, Cl. 251-175.
- Truitt, Joseph A.: See—
Kellogg, William D., and Truitt. 2,827,756.
- Truitt, William G. Composite roofing strip. 2,847,948, 8-19-58, Cl. 108-6.
- Truman, Paul W., to Sinclair Oil & Gas Co. Control of oil well production. 2,845,125, 7-29-58, Cl. 166-52.
- Truman, Theodore J.: See—
Krauss, Wolfgang W., and Truman. 2,855,078.
- Trumbull Development Corp.: See—
Syak, Charles W. 2,818,911.
- Trumbull, Donald E., G. G. Stevenson, and H. L. Trautmann, to Semco Research, Inc. Apparatus for air-free mixing of fluid materials. 2,859,017, 11-4-58, Cl. 259-2.
- Trump, Frederic L., to Republic Aviation Corp. Tank. 2,863,583, 12-9-58, Cl. 220-5.
- Trump, Frederick O., to Tecnifax Corp. Slip screen structure for dry-type developing machines. 2,839,978, 6-24-58, Cl. 95-94.
- Trumppio, Frank P., to Textile Machine Works. Yarn tensioning means for knitting machines. 2,844,950, 7-29-58, Cl. 66-86.
- Trumpy, Jay W. Clip for holding tools. 2,833,419, 5-6-58, Cl. 211-60.
- Trundle, Grant W. Separator for sand and gravel. 2,822,922, 2-11-58, Cl. 209-97.
- Tru-Scale, Inc.: See—
Yaeger, Luther L. 2,848,350.
- Trusler, Ralf B., to The Davies-Young Soap Co. Composition for treating fibrous materials. 2,826,506, 3-11-58, Cl. 106-208.
- Trusler, Ralf B., and B. Sutton, to The Davies-Young Soap Co. Process for rendering fabrics water repellent. 2,820,719, 1-21-58, Cl. 117-55.
- Truslow, Wallace B.: See—
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- Trussell, Alec: See—
Knight, Lorin, and Trussell. 2,828,418.
- Trussell, Benjamin F., to the United States of America as represented by the Secretary of the Army. Switch. 2,831,093, 4-15-58, Cl. 200-160.
- Trussell, Paul C.: See—
Fulton, Clarence O., and Trussell. 2,834,706.
- Truswell, William R., to Lock Joint Pipe Co. Apparatus and method for forming a hollow body of concrete or the like. 2,829,418, 4-8-58, Cl. 25-30.
- Truth Tool Co.: See—
Stavenau, Harold L., and Kaplan. 2,824,735.
- Trutna, William R.: See—
Siefen, Howard T., and Trutna. 2,866,822.
- Trybinski, Victor, Jr.: See—
Schroer, Walter E., Trybinski, and Walling. 2,865,377.
- Tryfus, Frederic. Apparatus for making combination artificial teeth and display carrier. 2,846,725, 8-12-58, Cl. 18-34.1.
- Trygg, Irving A. Motion responsive switch. 2,819,368, 1-7-58, Cl. 200-152.
- Tryon, John G.: See—
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- Tryon, Sager: See—
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- Tsang, Sien M.: See—
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- Tsang, Sien M., to American Cyanamid Co. Benzanthranyl compounds. 2,821,533, 1-28-58, Cl. 260-364.
- Tsang, Tung, to Minneapolis-Honeywell Regulator Co. Amine-epoxide adhesive composition containing thioram sulfide and process of making same. 2,849,417, 8-26-58, Cl. 260-37.
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- Tschermak, Manfred: *See*—
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- Tschirf, Ludwig, and F. Gärtner. Hardness testing apparatus. 2,865,198, 12-23-58, Cl. 73-81.
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- Tschupp, Edward J.: *See*—
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- Tschurr, Christian: *See*—
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- Tseng, Hung-Tu. Multi-ring bubble-producing toy. 2,836,926, 6-3-58, Cl. 46-6.
- Tsiang, Sih Hsui: *See*—
George, John R., and Tsiang. 2,829,851.
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- Tsiang, Sih H., to Westinghouse Air Brake Co. Automatic circuit selector. 2,826,360, 3-11-58, Cl. 235-616.
- Tsiang, Sih H., to Westinghouse Air Brake Co. Control apparatus for highway crossing signal. 2,850,623, 9-2-58, Cl. 246-130.
- Tsiguloff, George N., to Tokheim Corp. In-line motor pump. 2,857,850, 10-28-58, Cl. 103-87.
- Tsuchiya, Takuzo, and G. Long, to General Mills, Inc. Spiral vibratory conveyor. 2,827,157, 3-18-58, Cl. 198-220.
- Tsuda, George S. Wire clothespin. 2,845,675, 8-5-58, Cl. 24-139.
- Tsujii, Kei-Ichi: *See*—
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- Tu, Yih O.: *See*—
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- Tubbs, Elton H., to General Electric Co. Support fixture. 2,842,693, 7-8-58, Cl. 310-240.
- Tubbs, Howard A. Air volume control mechanism. 2,839,001, 6-17-58, Cl. 103-6.
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- Tubin, Eddie S. Droplet applicator. 2,832,513, 4-29-58, Cl. 222-422.
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- Tucci, Egidio, Panty. 2,834,348, 5-13-58, Cl. 128-288.
- Tucci, Morris L.: *See*—
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- Tuck, Robert M.: *See*—
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- Tuck, Robert M., to General Motors Corp. Control for automatic transmission. 2,853,891, 9-30-58, Cl. 74-754.
- Tucker, Benjamin W., Jr.: *See*—
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- Tucker, Charles D., to McCroskey Tool Corp. Locking devices. 2,863,210, 12-9-58, Cl. 29-105.
- Tucker, Emmitt M. Twisted chain drive. 2,841,022, 7-1-58, Cl. 74-245.
- Tucker, Glenn E. Flush tank water control. 2,825,908, 3-11-58, Cl. 4-67.
- Tucker, Guy L.: *See*—
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- Tucker, Harold, to The B. F. Goodrich Co. Diolefin rubbers containing 1,4-di-primary amino tetra-alkyl benzenes as ozone inhibitors. 2,851,438, 9-9-58, Cl. 260-45.9.
- Tucker, Irwin W., and C. J. Moll, Jr., to Brown and Williamson Tobacco Corp. Embellished cigarette filter tip. 2,849,005, 8-26-58, Cl. 131-10.
- Tucker, James A. Hoisting device. 2,833,423, 5-6-58, Cl. 212-61.
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- Tucker, William B., to Technicolor Corp. Cinematographic film brake. 2,862,706, 12-2-58, Cl. 271-2.3.
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- Tullock, Charles W., to E. I. du Pont de Nemours and Co. Preparation of carbonyl fluoride. 2,836,662, 5-27-58, Cl. 260-544.
- Tumath, Jack L., to Radioactive Products, Inc. Radiographic camera. 2,860,255, 11-11-58, Cl. 250-106.
- Tummers, Leonard J.: *See*—
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- Tung, Lu H.: *See*—
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- Tung-Sol Electric Inc.: *See*—
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Gibbons, James F. 2,856,585.
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Mayer, Donald W. 2,826,510.
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- Tuozzo, Michael R.: *See*—
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- Tupper, Earl S., to Tupper Corp. Closure with jigger-type of seal. 2,842,167, 7-8-58, Cl. 141-381.
- Tupper, Earl S., to Tupper Corp. Combination soap container and scrubber. 2,851,713, 9-16-58, Cl. 15-105.
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- Tupy, Charles J.: *See*—
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- Tura, George L.: *See*—
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- Turbolente, Joseph. Masking method and composition for producing color paintings. 2,849,331, 8-26-58, Cl. 117-5.5.
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Jackson, Clark E. 2,865,537.
Langsfeld, William P. 2,828,192.
Langsfeld, William P. 2,865,125.
Newman, Kenneth W. 2,828,193.
Wright, Edward P. 2,858,792.
- Turecotte, Dorothy G., now by marriage, D. G. Meyer. Cosmetics and lotion applicator. 2,829,393, 4-8-58, Cl. 15-131.
- Turecki, Edward: *See*—
Nelson, Martin J., and Turecki. 2,862,630.
- Turenne, Wilfred J. Animal entrance or porthole. 2,832,406, 4-29-58, Cl. 160-179.
- Turgeon, Edmund J.: *See*—
Dykeman, David G., and Turgeon. 2,824,036.
- Turgeon, Norbert J. B. Water skiing apparatus. 2,828,491, 4-1-58, Cl. 9-21.
- Turik, Andrew, to E. I. du Pont de Nemours and Co. Film coating process and apparatus. 2,865,786, 12-23-58, Cl. 117-67.
- Turin, John J.: *See*—
De Coriolis, Ernest G., Hepburn, Turin, and Bastress. 2,852,650.
- Turk, Anthony G.: *See*—
Chadowski, Joseph P., and Turk. 2,850,305.
Chadowski, Joseph P., and Turk. 2,861,235.
- Turk, Herbert: *See*—
Turk, Karl. 2,835,601.
- Turk, Karl, deceased, by Union Trust Co. of Maryland, M. M., R. H., H., and Karl Turk, Jr., executors, to Pemco Corp. Production of ceramic ware. 2,835,601, 5-20-58, Cl. 106-48.
- Turk, Karl, Jr.: *See*—
Turk, Karl. 2,835,601.
- Turk, Margaret M.: *See*—
Turk, Karl. 2,835,601.
- Turk, Richard H.: *See*—
Turk, Karl. 2,835,601.
- Turk, Robert. Unilaterally loaded bearing, in particular railway journal bearing. 2,841,456, 7-1-58, Cl. 308-79.
- Turk, Stanley D.: *See*—
Mahan, John E., Turk, and Williams. 2,826,581.
- Turk, Stanley D., and R. C. Doss, to Phillips Petroleum Co. Neutralization of acetaldehyde-paraldehyde equilibrium mixtures. 2,830,998, 4-15-58, Cl. 260-340.
- Turke, George, Sr., $\frac{1}{2}$ to R. Turke. Coffee maker. 2,845,018, 7-29-58, Cl. 99-292.
- Turke, Rose: *See*—
Turke, George, Sr. 2,845,018.
- Turkenkoph, Sylvanus C. Snap-on shield for automobile ventilators. 2,847,925, 8-19-58, Cl. 98-2.
- Turkheimer, Paul M., to Air Associates, Inc. Method and apparatus for generating phasing pulses. 2,842,617, 7-8-58, Cl. 178-69.5.
- Turley, Joseph D., to General Motors Corp. Piston. 2,829,017, 4-1-58, Cl. 309-10.
- Turley, Joseph D., to General Motors Corp. Internal combustion engine counterweight and cylinder construction. 2,838,941, 6-17-58, Cl. 74-44.
- Turley, Joseph D., to General Motors Corp. Cooling liquid circulating system for engines. 2,852,009, 9-16-58, Cl. 23-41.1.
- Turley, Joseph D., to General Motors Corp. Engine. 2,856,909, 10-21-58, Cl. 123-59.
- Turnbow, Amos D., and R. B. Sesker. Feed measuring and dispensing device. 2,849,161, 8-26-58, Cl. 222-368.
- Turnbow, Grover D., to Foremost Dairies, Inc. Processes for preserving the fresh natural flavor of butterfat and products produced therefrom. 2,847,310, 8-12-58, Cl. 99-54.
- Turnbull, Frederick M.: *See*—
Brown, Frank E. 2,842,126.
- Turnbull, John C., and R. D. Faulkner, to Radio Corp. of America. Cathode ray tube manufacture. 2,836,751, 5-27-58, Cl. 313-64.
- Turnbull, John H. Manhole cover lifter. 2,832,628, 4-29-58, Cl. 294-17.
- Turnbull, Norris, to E. I. du Pont de Nemours and Co. Polyvinyl alcohol from polyvinyl ester. 2,850,489, 9-2-58, Cl. 260-91.3.
- Turnbull, Norris, to E. I. du Pont de Nemours and Co. Stable aqueous dispersions of copolymers of vinyl acetate with salts of allylsulfonic acid and methallylsulfonic acid and process for preparing same. 2,859,191, 11-4-58, Cl. 260-29.6.
- Turner, Arthur F., and F. K. Truby, to Bausch & Lomb Optical Co. Thin films, film coated articles and methods of making same. 2,858,240, 10-28-58, Cl. 117-215.
- Turner Brass Works, The: *See*—
Vanderbeek, Willard F. 2,857,905.
- Turner, Calvin L.: *See*—
Woolslayer, Homer J., Jenkins, Turner, and Campbell. 2,843,229.
Woolslayer, Homer J., Jenkins, Turner, and Campbell. 2,863,530.
- Turner, Charles F.: *See*—
Bender, Max, and Turner. 2,852,479.
- Turner, Charles L., $\frac{1}{2}$ to M. C. Turner. Bed knife grinder and guide means therefor. 2,863,262, 12-9-58, Cl. 51-173.
- Turner, Charles W.: *See*—
Squire, Major, Turner, and Stevens. 2,823,299.
- Turner, Earl M., to Mohawk Industries, Inc. Sealing composition. 2,847,315, 8-12-58, Cl. 106-123.
- Turner, Edgar P.: *See*—
Fuge, Harry B., and Turner. 2,819,779.
- Turner, Edgar P., to The Singer Mfg. Co. Electric clutch-brake driving devices. 2,822,903, 2-11-58, Cl. 192-18.
- Turner, Edgar P., to The Singer Mfg. Co. Electric power transmitter neutral positioning devices. 2,824,633, 2-25-58, Cl. 192-18.
- Turner, Edgar P., and R. Happe, to The Singer Mfg. Co. Routers with detachable motors and switch handles. 2,842,173, 7-8-58, Cl. 144-136.
- Turner, Edgar P., and J. A. Herr, to The Singer Mfg. Co. Induction motor control systems. 2,844,773, 7-22-58, Cl. 318-6.
- Turner, Edgar P., and L. A. Wendel, to The Singer Mfg. Co. Electric clutch-brake driving devices. 2,857,996, 10-28-58, Cl. 192-18.
- Turner, Edgar P., L. A. Wendel, and V. Marchuk, to The Singer Mfg. Co. Electrically controlled power transmitters. 2,860,748, 11-18-58, Cl. 192-18.
- Turner, Edward H., to Bell Telephone Laboratories, Inc. Ferromagnetic devices. 2,849,686, 8-26-58, Cl. 333-10.
- Turner, Edwin E., to Raytheon Mfg. Co. Method and apparatus for electronic commutation. 2,838,706, 6-10-58, Cl. 313-69.
- Turner, Edwin M., to United States of America, Air Force. Spiral slot antenna. 2,863,145, 12-2-58, Cl. 343-767.
- Turner, Eric C. Pivotal-jaw wrench for turning cylindrical objects having beveled corners. 2,863,349, 12-9-58, Cl. 81-99.
- Turner, Frank T.: *See*—
Pollard, Leon G., Deibert, Turner, and Snider. 2,824,902.
- Turner, George K.: *See*—
Horsfall, Robert B., Jr., Brown, and Turner. 2,827,602.
- Turner, Guy M. Trussed skids for knitting machines, or the like. 2,839,309, 6-17-58, Cl. 280-12.
- Turner, Harry W., to Hercules Powder Co. Method for partial deacetylation of organic acid esters of cellulose. 2,836,590, 5-27-58, Cl. 260-230.
- Turner, Harry W., to Hercules Powder Co. Treatment of cotton linter. 2,856,402, 10-14-58, Cl. 260-231.
- Turner, Hazel M.: *See*—
Mace, James C., and Turner. 2,854,702.
- Turner, Herman B. Poultry processing apparatus. 2,820,245, 1-21-58, Cl. 17-11.2.
- Turner, Herman B. Variable poultry feeder. 2,840,040, 6-24-58, Cl. 119-61.
- Turner, Jack W., 49% to H. R. Crumb. Mechanical feed box. 2,834,451, 5-13-58, Cl. 198-99.
- Turner, John, to Koppers Co., Inc. Air filter. 2,850,113, 9-2-58, Cl. 182-62.
- Turner, John L.: *See*—
Derby, Palmer, Jacobson, and Turner. 2,847,613.
- Turner, Lyman H.: *See*—
Sullivan, Bernard G., and Turner. 2,820,418.
- Turner Mfg. Co.: *See*—
John, Frederick W. 2,820,310.
- Turner, Marion W. Bobbers with water-released line casting reels. 2,860,442, 11-18-58, Cl. 43-43.11.
- Turner, Marjory C.: *See*—
Turner, Charles L. 2,863,262.
- Turner, Milton L.: *See*—
McGrew, Robert F., and Turner. 2,848,999.
- Turner, Percy P.: *See*—
Bartlett, Kenneth M., and Turner. 2,854,739.
- Turner, Peter. Mower attachment. 2,863,273, 12-9-58, Cl. 56-25.
- Turner, Peter J. A.: *See*—
Stevenson, Ian W., and Turner. 2,850,942.

- Turner, Phyllis A., and H. A. Owen, to International Latex Corp. Diaper cover. 2,854,979, 10-7-58, Cl. 128-287.
- Turner, Ralph M. Jarring tools. 2,850,739, 9-9-58, Cl. 1-47.
- Turner, Ralph R., to United Wire & Supply Corp. Method of forming a supply tube. 2,843,926, 7-22-58, Cl. 29-511.
- Turner, Richard J., and G. J. Schmitt, to American Cyanamid Co. Process for thiamine mononitrate. 2,844,579, 7-22-58, Cl. 260-256.6.
- Turner, Robert E.: See—
- Putman, Laurel E., and Turner. 2,845,199.
- Turner & Seymour Mfg. Co., The: See—
- Jeanfavre, Roger E. 2,839,325.
- Turner, Stanley: See—
- Jean, James W. 2,864,675.
- Turner, Thomas F., to Hewlett-Packard Co. Calorimeter. 2,854,627, 9-30-58, Cl. 324-95.
- Turner, William D. Multiple puzzle devices. 2,836,421, 5-27-58, Cl. 273-160.
- Turner, William L., to Tabet Mfg. Co., Inc. Control system for transmitters. 2,832,901, 4-29-58, Cl. 307-115.
- Turner, William W., to General Electric Co. Operating mechanism for an electric circuit breaker. 2,866,872, 12-30-58, Cl. 200-106.
- Turney, Arthur C., S. Mitescu, and B. J. Zubrzycki, to F. L. Smith & Co. Fluidizing cooling conveyor and method of heat extraction. 2,824,723, 2-25-58, Cl. 257-240.
- Turnipseed, David A.: See—
- Myers, Paul T. 2,861,279.
- Turnipseed, Thomas P. Compression coupling with convex split ring locking means. 2,836,438, 5-27-58, Cl. 285-161.
- Turpin, Alexander J.: See—
- Klose, Sigmund, and Turpin. 2,862,546.
- Parker, Melvin J., and Turpin. 2,820,447.
- Turpin, Henderson L., Jr. Deck construction for cattle trucks or trailers. 2,841,437, 7-1-58, Cl. 296-10.
- Turrall, George, and J. T. Murrell, to R. W. Crabtree & Sons Ltd. Rotary stapling mechanism. 2,818,568, 1-7-58, Cl. 1-7.
- Turrell, George C.: See—
- Feinstein, Joseph, and Turrell. 2,824,231.
- Turrie, William J.: See—
- Bodenbach, Clyde R., and Turrie. 2,856,724.
- Tursky, Charles M. Hydraulic pressure booster motor. 2,865,294, 12-23-58, Cl. 103-57.
- Turteltaub, Bernard. Awning. 2,848,764, 8-26-58, Cl. 20-57.5.
- Turtle, Rupert C., to Arens Controls Ltd. Transmission mechanism. 2,826,084, 3-11-58, Cl. 74-95.
- Turtle, Rupert C., to Arens Controls Ltd. Rotary drive control mechanism. 2,826,092, 3-11-58, Cl. 74-505.
- Turton, Robert: See—
- Catlin, Robert T., and Turton. 2,831,192.
- Turula, Gabriel T.: See—
- Schoenberger, John J., and Turula. 2,849,326.
- Turunen, William A., and P. W. O'Connell, deceased (by E. A. O'Connell, administratrix), to General Motors Corp. Turbine blade cooling system. 2,849,210, 8-26-58, Cl. 253-39.15.
- Turvey, Frank P., Jr., to International Telephone and Telegraph Corp. Pulse-count coder. 2,845,617, 7-29-58, Cl. 340-347.
- Turvey, Wilfrid L., to The Sperry Gyroscope Co. Ltd. Constant-frequency alternating-current generators. 2,829,333, 4-1-58, Cl. 322-32.
- Tusa, John, and A. Marcanik, to Bata Shoe Co. Inc. Apparatus for roughening rubber soles. 2,832,974, 5-6-58, Cl. 12-17.
- Tusco Corp.: See—
- Kessler, Ward P. 2,853,748.
- Tuthill, Anthony P.: See—
- Easy, Maurice H., and Tuthill. 2,858,532.
- Tuthill, Howard B., to Oliver Machinery Co. Label securing attachment. 2,858,954, 11-4-58, Cl. 216-57.
- Tuthill, Howard B., to Oliver Machinery Co. Labeling machine. 2,864,522, 12-16-58, Cl. 216-29.
- Tuthill, Roger W., to Air Reduction Co., Inc. Arc welding. 2,866,888, 12-30-58, Cl. 219-135.
- Tutt, Richard D., to Allied Thermal Corp. Air diffuser. 2,837,990, 6-10-58, Cl. 98-40.
- Tuttle, Arthur N.: See—
- Sager, Earl F., and Tuttle. 2,843,892.
- Tuttle, Bertha S., W. A. Vittands, and O. L. Walsh, to Second Bank-State Street Trust Co. Composition and method for producing protective coatings. 2,854,367, 9-30-58, Cl. 148-6.14.
- Tuttle, Charles D.: See—
- Croskey, Frank A., and Tuttle. 2,840,658.
- Tuttle, Daniel V., to Tuttle Electric Products, Inc. Insert oven. 2,828,401, 3-25-58, Cl. 219-35.
- Tuttle, Daniel V., to Ferro Corp. Control device for electric heating circuits. 2,841,680, 7-1-58, Cl. 219-20.
- Tuttle, Daniel V., and W. D. Kelly, to Ferro Corp. Accelerator switch control. 2,837,622, 6-3-58, Cl. 219-20.
- Tuttle Electric Products, Inc.: See—
- Tuttle, Daniel V. 2,828,401.
- Tuttle, John N., to Rhineland Paper Co. Dispenser carton. 2,849,152, 8-26-58, Cl. 221-48.
- Tuttle, John N., to Rhineland Paper Co. Dispensing device. 2,849,153, 8-26-58, Cl. 221-57.
- Tuttle & Kift, Inc.: See—
- Kelly, William D. 2,831,100.
- Tuttle, Ralph E.: See—
- Beck, Merrill G., and Tuttle. 2,828,095.
- Tuttle, Richard C. Devices for supporting fish lures and/or protecting fish hooks. 2,829,461, 4-8-58, Cl. 43-25.2.
- Twaddle, Warren W.: See—
- Bowman, Walker H., and Twaddle. 2,851,502.
- Twardowski, John J. Combined measuring and scribing tool. 2,845,715, 8-5-58, Cl. 33-159.
- Twardzik, Raymond J., and H. H. P. Lemmerman, to General Electric Co. Three-phase voltage source converter. 2,852,698, 9-16-58, Cl. 307-17.
- Twedt, Dik W. Shoe heel fastener. 2,837,841, 6-10-58, Cl. 36-36.
- Tweedale, Ralph L. Warning indicator for vehicles. 2,855,582, 10-7-58, Cl. 340-59.
- Tweet-Bernard Co.: See—
- Gallinsky, Milton L., and Glazer. 2,856,897.
- Tweeten, Oscar H., and W. H. Sheffer. Pencils. 2,827,018, 3-18-58, Cl. 120-18.
- Tweit, Robert C.: See—
- Dodson, Raymond M., and Tweit. 2,837,535.
- Dodson, Raymond M., and Tweit. 2,837,543.
- Dodson, Raymond M., and Tweit. 2,859,222.
- Twentieth Century Fox Film Corp.: See—
- Laube, Grover, and Halprin. 2,838,975.
- Twidwell, John T. Reloading presses for ammunition. 2,829,553, 4-8-58, Cl. 86-36.
- Twieg, Edward F.: See—
- Kirkwood, George B., and Twieg. 2,847,439.
- Twiford, Harry G. Peripheral compression type tire bead seating device. 2,818,913, 1-7-58, Cl. 157-1.21.
- Twiford, Harry G. Axially compressing type tire bead breaker. 2,825,395, 3-4-58, Cl. 157-1.28.
- Twiford, Harry G. Center post for tire changer. 2,850,061, 9-2-58, Cl. 144-288.
- Twigg, Lester A. Automatic shotgun choke. 2,847,788, 8-19-58, Cl. 42-79.
- Twin Coach Co.: See—
- Fageol, Louis J. 2,852,837.
- Twin Disc Clutch Co.: See—
- Aschauer, George R. 2,827,142.
- Aschauer, George R. 2,851,895.
- Black, James B., and Shurts. 2,862,363.
- Dunkelow, Henry J. 2,837,192.
- Yokel, Edward C. 2,820,653.
- Twitchell, E. W., Inc.: See—
- Bacon, William G., Jr. 2,832,190.
- Twitchell, Winfield C.: See—
- Hill, Walter C., Jr., Smith, and Twitchell. 2,838,920.
- Twitchett, Harry J.: See—
- Mitchell, John, Orchard, Twitchett, and Woods. 2,846,306.
- Mitchell, John, and Twitchett. 2,863,860.
- Two, Joseph A. $\frac{1}{4}$ to C. B. Paden, $\frac{1}{4}$ to F. W. Gaffney, and $\frac{1}{4}$ to C. J. McCue. Brake drum lining. 2,847,088, 8-12-58, Cl. 183-218.
- Twohig, Richard E. Article holding clamp. 2,856,660, 10-21-58, Cl. 24-67.
- Tyzkowski, Edward A., and C. Woolf, to Allied Chemical & Dye Corp. Manufacture of fluorocarbons. 2,831,035, 4-15-58, Cl. 260-553.
- Tydeman, Clarence W. Machine tool feed control valves. 2,821,964, 2-4-58, Cl. 121-45.
- Tydeman, Clarence W. Switch operator. 2,832,858, 4-29-58, Cl. 200-47.
- Tydeman, Clarence W. Mounting for preloading tapered roller bearings. 2,836,473, 5-27-58, Cl. 308-207.
- Tye, Harry F.: See—
- Allman, Ralph C., Miller, and Tye. 2,861,473.
- Tygh, Robert L. Insert for grinding wheels. 2,836,017, 5-27-58, Cl. 51-209.
- Tykulsky, Alexander, to I. D. E. A. Inc. Electrical filter circuit construction. 2,829,349, 4-1-58, Cl. 333-70.
- Tyler, Arthur W., to Eastman Kodak Co. Continuous feed motion picture projector. 2,843,006, 7-15-58, Cl. 88-16.8.
- Tyler, Charles M.: See—
- Howard, Leonard L., and Tyler. 2,847,370.
- Tyler, Frank, C. H. C. Walker, and E. R. Townley, to Kelvin & Hughes Ltd. Continuous exposure-process-view process with light sealing means. 2,862,818, 12-2-58, Cl. 96-27.
- Tyler, Hugh J.: See—
- Weber, Victor, Tyler, and Russell. 2,830,164.
- Weber, Victor, Tyler, and Russell. 2,833,894.
- Weber, Victor, Tyler, and Russell. 2,833,895.
- Tyler, Hugh J., to Robertshaw-Fulton Controls Co. Thermostatically controlled fluid valves. 2,855,153, 10-7-58, Cl. 236-99.
- Tyler, Hugh J., and F. V. Mingrone, to Robertshaw-Fulton Controls Co. Thermostatically controlled fluid valve. 2,855,152, 10-7-58, Cl. 236-99.
- Tyler, Hugh J., and F. V. Mingrone, to Robertshaw-Fulton Controls Co. Thermostatically controlled fluid valves. 2,855,154, 10-7-58, Cl. 236-99.
- Tyler, John M., and R. E. Meyer, to United Aircraft Corp. Noise suppressors for jet engines. 2,845,775, 8-5-58, Cl. 60-35.6.
- Tyler, Leslie J., to Dow Corning Corp. Organo silyl-silica filled siloxane elastomers and process for producing same. 2,863,846, 12-9-58, Cl. 260-37.
- Tyler, Merle D., to Good-All Electric Mfg. Co. Pipe connector. 2,848,256, 8-19-58, Cl. 285-317.

- Tyler Metal Products Co.:** See—
Gernhardt, Arthur W. 2,829,406.
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- Tyler, Tracy B.** Time indicating device. 2,834,180, Cl. 58—38.
- Tyler, Vernal M., J. R. Gray, and H. I. Sargeant,** to Hughes Aircraft Co. Shock impulse testing apparatus. 2,846,869, 8-12-58, Cl. 73—12.
- Tyma, Louis S., J. Gvozdzjak and C. W. Chase,** to Miehle-Goss-Dexter, Inc. Controls for printing plate casting apparatus. 2,825,944, 3-11-58, Cl. 22—2.
- Tyminski, Walter V., and A. E. Hylas,** to Allen B. Du Mont Laboratories, Inc. Combination very high frequency and ultra high frequency decade type tuner. 2,858,439, 10-28-58, Cl. 250—40.
- Tyree, Andrew T.** Laminated door construction. Re. 24,558, 10-28-58, Cl. 189—46.
- Tyrseck, Walter J.,** to Robertson Paper Box Co., Inc. Display cartons. 2,833,457, 5-6-58, Cl. 229—28.
- Tyskewicz, John P.:** See—
Bourne, Roland B., and Tyskewicz. 2,829,729.
- Tyson, Richard C.:** See—
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- Tyson, William G.:** See—
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- Tyzack, Harold,** to Carter Parts Co. Snap action switch. 2,822,438, 2-4-58, Cl. 200—67.
- UCLAFF:** See—
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- USCO Power Equipment Corp.:** See—
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- U. V. Mfg. Corp.:** See—
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- Uarco, Inc.:** See—
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- Ubbelohde, Leo.** Method of crimping filaments. 2,863,280, 12-9-58, Cl. 57—157.
- U Change Neon, Inc.:** See—
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- Uchiyama, Tatsuhel:** See—
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- Uchir, George C., and H. K. Ziegler,** to United States of America, Army. Transistor oscillator frequency control. 2,854,580, 9-30-58, Cl. 250—36.
- Udale, Stanley M.,** to Holley Carburetor Co. Liquid pump. 2,864,315, 12-16-58, Cl. 103—126.
- Udale, Stanley M.,** to Holley Carburetor Co. Ignition distributors. 2,864,356, 12-16-58, Cl. 123—117.
- Uddenberg, Göran O., and H. A. Thorén.** Apparatuses for observing and measuring of pressures within organs of the human body. 2,831,478, 4-22-58, Cl. 128—2.
- Uderstadt, Erich,** to International Standard Electric Corp. Arrangements for selectively actuating control devices by means of a movable magnet. 2,850,249, 9-2-58, Cl. 243—16.
- Udovich, Frances:** See—
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- Udovich, Frederick F.,** deceased, by F. Udovich, executrix, to The Babcock & Wilcox Co. Steam and water cyclone for steam generating and superheating units. 2,822,060, 2-4-58, Cl. 183—83.
- Udry, John J.,** to Borg-Warner Corp. Earth boring apparatus. 2,828,944, 4-1-58, Cl. 255—4.
- Udry, John J.,** to Borg-Warner Corp. Well perforator. 2,833,213, 5-6-58, Cl. 102—20.
- Udy, Marvin J.,** to Strategic-Udy Metallurgical and Chemical Processes, Ltd. Process for the production of metallic silicon. 2,823,983, 2-18-58, Cl. 23—223.5.
- Udy, Marvin J.,** to Strategic-Udy Metallurgical & Chemical Processes Ltd. Process for the production of ferromanganese from high-grade manganese-bearing materials. 2,830,889, 4-15-58, Cl. 75—11.
- Udy, Marvin J.,** to Strategic-Udy Metallurgical & Chemical Processes Ltd. Process for the production of ferromanganese from low-grade manganese-bearing materials. 2,830,890, 4-15-58, Cl. 75—11.
- Udy, Marvin J.,** to Strategic-Udy Metallurgical & Chemical Processes Ltd. Process for the production of ferromanganese products from manganese-bearing materials. 2,830,891, 4-15-58, Cl. 75—11.
- Udy, Marvin J.,** to Strategic-Udy Metallurgical & Chemical Processes Ltd. Process for the separation and recovery of Fe, Ti and Al values from ores and waste materials containing same. 2,830,892, 4-15-58, Cl. 75—30.
- Udy, Marvin J.,** to Strategic-Udy Metallurgical & Chemical Process Ltd. Method of recovering ferrochromium. 2,845,342, 7-29-58, Cl. 75—11.
- Udylite Corp., The:** See—
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- Udylite Research Corp., The:** See—
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- Ueberwasser, Hellmut:** See—
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- Ueckert, Ernst,** to Knorr-Bremse G. m. b. H. Coupling devices. 2,857,576, 10-21-58, Cl. 339—16.
- Ueda, Nobuo,** Sinkers. 2,841,916, 7-8-58, Cl. 43—44.96.
- Ueltz, Herbert F. G.:** See—
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- Ueltz, Herbert F. G., and N. N. Ault,** to Norton Co. Silicon carbide refractories. 2,860,999, 11-18-58, Cl. 106—44.
- Uemura, Koreyoshi.** Splash-board apparatus for vehicle fenders. 2,853,311, 9-23-58, Cl. 280—153.
- Uemura, Misao, and Y. Ogino.** Apparatus to measure intracerebral blood pressure. 2,836,173, 5-27-58, Cl. 128—2.05.
- Ufa Universal Finanzierungsanstalt:** See—
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- Ufer, Harvey F.:** See—
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- Ufert, Otto W.,** to Schiess Aktiengesellschaft. Worm wheel. 2,821,865, 2-4-58, Cl. 74—458.
- Uffner, Raphael L.,** to the United States of America as represented by the Secretary of the Navy. 2,822,724, 2-11-58, Cl. 88—24.
- Ugolini, Francesco:** See—
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- Uhde, Friedrich, G. m. b. H.:** See—
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- Uher, Edmond.** Driving unit for motorcycle wheel. 2,825,417, 3-4-58, Cl. 180—31.
- Uher, Edmond.** Self-adjusting wedge-shaped belt variable drive. 2,852,950, 9-23-58, Cl. 74—230.17.
- Uhl, Donald P.:** See—
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- Uhl, Wolfgang:** See—
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- Uhle, David J.** Apparatus for grinding solid material. 2,822,987, 2-11-58, Cl. 241—172.
- Uhlenbroek, Jan H.,** to North American Philips Co., Inc. Fungicides and methods of preparing the same. 2,857,307, 10-21-58, Cl. 167—30.
- Uhlenhaut, Rudolf E.:** See—
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- Uhlenkott, John J.** Tilttable log-debarking arm having a swingable self-centering free-end portion. 2,830,630, 4-15-58, Cl. 144—208.
- Uhlig, Arno and W.** Differential actuating mechanism. 2,836,354, 5-27-58, Cl. 235—60.
- Uhlig, Arno and W.,** to Olympia Werke Ag. Multiple interspersed pin carriage. 2,850,231, 9-2-58, Cl. 235—60.
- Uhlig, George J.,** to Victor Adding Machine Co. Dual strip feeding mechanism for calculating machines. 2,841,265, 7-1-58, Cl. 197—133.
- Uhlig, Werner:** See—
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- Uhlmann, Erich,** to Allmanna Svenska Elektriska Aktiebolaget. Static current converter using voltage commutation. 2,820,189, 1-14-58, Cl. 321—27.
- Uhlmann, Wolfram E. M.:** See—
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- Uhlrig, Harry W.:** See—
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- Uhma, Czeslaw A. F.,** to Surgic Co. Ltd. Surgical or medical vein dilating device. 2,812,133, 7-8-58, Cl. 128—345.
- Uhrig, Edward O.,** to Westinghouse Electric Corp. Line sectionalizers. 2,828,383, 3-25-58, Cl. 200—108.
- Uhrig, Edward O.,** to United States of America, Navy. Two channel servo system. 2,835,854, 5-20-58, Cl. 318—19.
- Uhrmacher, Ralph R.,** to Panther Oil & Grease Mfg. Co. Asphalt roofing composition. 2,859,125, 11-4-58, Cl. 106—278.
- Ulanovsky, Jack M., and R. O. Lightfoot,** to Paddock Pool Equipment Co. Inlet fitting. 2,839,333, 6-17-58, Cl. 299—139.
- Ule, Louis A.,** to Gilfillan Bros. Inc. Time domain circuits for filtering signals expressible as solutions to linear homogeneous differential equations with constant coefficients. 2,832,937, 4-29-58, Cl. 333—70.
- Ulfeldt, John C.** Gauge for measuring inside diameters. 2,822,620, 2-11-58, Cl. 33—143.
- Ulfers, Heinz,** to Zeiss Ikon A. G. Arrangement for simultaneously or alternately operating a plurality of xenon high pressure lamps. 2,859,387, 11-4-58, Cl. 315—201.
- Ulfward, Bertil:** See—
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- Ulinski, Bronislaus I.,** to The Yale & Towne Mfg. Co. Steering system for industrial truck. 2,829,903, 4-8-58, Cl. 280—95.
- Ulinski, Bronislaus I.,** to The Yale & Towne Mfg. Co. Industrial truck handle operated control. 2,840,175, 6-24-58, Cl. 180—13.

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- Ulke, Vinson H., and M. G. and R. G. Herron. Iron. 2,864,930, 12-16-58, Cl. 219-21.
- Ullberg, Frederick G. W., Jr.: *See*—
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- Ullman, Fred E., and K. L. Klopfenstein, to Triangle Package Machinery Co. Machine for producing contoured wrapped packages. 2,830,417, 4-15-58, Cl. 53-226.
- Ullman, Fred E., and N. A. Virta, to Triangle Package Machinery Co. Method of sealing a container opening and an apparatus therefor. 2,866,305, 12-30-58, Cl. 53-42.
- Ullman, Myron E., Jr., to American Radiator & Standard Sanitary Corp. Time-sequence control. 2,855,477, 10-7-58, Cl. 200-38.
- Ullmann, Siegfried J.: *See*—
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- Ullrich, Arthur. Rubber composition containing a resinous dispersing agent, and a process of compounding such a composition. 2,828,272, 3-25-58, Cl. 260-4.
- Ullrich, Arthur. Resinous products and a method of making same. 2,828,294, 3-25-58, Cl. 260-85.3.
- Ullrich, Fred J., to Sutherland Paper Co. Package holder for cans and the like. 2,837,262, 6-3-58, Cl. 229-40.
- Ullrich, Friedrich C., to Jos. Schneider & Co. Method of and apparatus for objectively testing optical systems. 2,818,775, 1-7-58, Cl. 88-56.
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- Ulm, Reign C., to Graver Tank & Mfg. Co., Inc. Floating roof. 2,843,289, 7-15-58, Cl. 220-26.
- Ulm, Reign C., and L. A. Wilkin, to Graver Tank & Mfg. Co., Inc. Floating roof seal arrangement. 2,855,122, 10-7-58, Cl. 220-26.
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- Ulrich, Hans, R. Mersch, O. Wahl, and D. Delfs, to Agfa Akt. fur Photofabrikation. Photographic developer. 2,852,374, 9-16-58, Cl. 96-66.
- Ulrich, Theodore, to American Motors Corp. Self adjusting spring arrangement. 2,864,430, 12-16-58, Cl. 155-14.
- Ulrich, Werner, to Bell Telephone Laboratories, Inc. Recording scanner. 2,858,524, 10-28-58, Cl. 340-174.
- Ulshafer, Paul R., to Ciba Pharmaceutical Products, Inc. Deserpic acid lactone and salts. 2,842,550, 7-8-58, Cl. 260-286.
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- Umbach, Louis A., Jr., to United States of America. Air Force, Electrical isolation apparatus. 2,849,610, 8-26-58, Cl. 250-36.
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- Umbricht, Emil, G. Steenhagen, and D. Evans, to Ajem Laboratories, Inc. Fluid filter apparatus. 2,833,417, 5-6-58, Cl. 210-330.
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- Underwood, John L., Jr. Aircraft fuel load equalizing system. 2,853,259, 9-23-58, Cl. 244-135.
- Underwood, John W. Auxiliary electrical heating system for motor vehicles. 2,827,540, 3-18-58, Cl. 219-38.
- Underwood, Newton, to United States of America, Atomic Energy Commission. Oscillatory pump. 2,853,228, 9-23-58, Cl. 230-159.
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- Utvtch, Jovan, to International Engineering General Research & Licensing Co. Annular springs and method of manufacturing them. 2,860,869, 11-18-58, Cl. 267-1.
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- VEB Carl Zeiss Jena: *See*—
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- VEB Chemische Fabrik Grünau: *See*—
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- VEB Druckmaschinenwerk Victoria: *See*—
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- VEB Fahrradwerk Elite-Diamant: *See*—
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- VEB Gröizer Kammgarnwebereien: *See*—
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- VEB (K) Schweisswerk Halle: *See*—
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- VEB Keradentawerk: *See*—
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- VEB Vakutronik Dresden: *See*—
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- Vac-i-Pak Corp.: *See*—
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- Vacuum-Electronic Engineering Co.: *See*—
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- Vahlteich, Hans W.: *See*—
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- Valaskovic, John T.: *See*—
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- Valcor Engineering Corp.: *See*—
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- Valehrach, Emil M., to International Business Machines Corp. Shockproof relay. 2,833,882, 5-6-58, Cl. 200-87.
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- Valentine, Clifford W., and K. N. Burchfield. Dry dock staging. 2,830,853, 4-15-58, Cl. 304-14.
- Valentine, George E., and J. H. Eubanks, to V. & E. Products, Inc. Coal furnace having a gas reflector. 2,848,982, 8-26-58, Cl. 122-368.

- Valentine, Gordon W. Flashproof fuse plugs. 2,852,641, 9-16-58, Cl. 200—130.
- Valentine, William, and C. L. Stearns, to American Cyanamid Co. Powder-filled hexylresorcinol capsules. 2,839,010, 4-8-58, Cl. 167—83.
- Valet, André M.: *See*—
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- Valeton, Josué J. P., to North American Philips Co., Inc. Safety circuit arrangement for multiplier tubes. 2,846,591, 8-5-58, Cl. 250—207.
- Valeton, Josué J. P., and F. H. J. Van Der Poel, to North American Philips Co., Inc. Circuit arrangement for controlling the gradation of picture signals. 2,820,110, 1-14-58, Cl. 179—171.
- Valicenti, Fabian D. Woodworking accessory. 2,839,100, 6-17-58, Cl. 143—51.
- Vallade, Jerry G.: *See*—
- Cameron, Victor E., and Vallade. 2,825,975.
- Vallak, Enn. Hot tops. 2,821,758, 2-4-58, Cl. 22—147.
- Vallak, Enn. Molds. 2,864,141, 12-16-58, Cl. 22—144.
- Vallero, Vincent F. Diffuser. 2,848,936, 8-26-58, Cl. 98—40.
- Vallese, Lucio M.: *See*—
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- Vallese, Lucio M., to Polytechnic Institute of Brooklyn. Co-axial cable attenuator. 2,842,748, 7-8-58, Cl. 333—81.
- Valley Bank and Trust Co.: *See*—
- Straight, Halver R., and Bristol. 2,834,486.
- Valley Mfg. Co.: *See*—
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- Valley Metal Products Co.: *See*—
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- Wilgus, Harold M., and Sola. 2,857,820.
- Valley Pattern & Mfg. Co.: *See*—
- Johnson, Al, and Gauger. 2,864,287.
- Valley White Truck Co.-Wyoming Valley Equipment Division: *See*—
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- Valli, Nicholas M. Method of manufacturing and assembling expansion link bands by superimposing link carrying strips. 2,829,488, 4-8-58, Cl. 59—35.
- Valois, Charles M. Combination bumper and bulldozer attachment. 2,841,894, 7-8-58, Cl. 37—42.
- Valois, Léon. Pantograph. 2,823,456, 2-18-58, Cl. 33—23.
- Valtri, Frank J. Detachable fastening means for table tops and the like. 2,829,018, 4-1-58, Cl. 311—4.
- Valtri, Frank J. Tubular furniture construction. 2,835,317, 5-20-58, Cl. 155—196.
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- Ives, Alfred O. C. 2,839,658.
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- Vamvakas, Michael, to Barry-Wehmiller Machinery Co. Bottle discharger. 2,858,929, 11-4-58, Cl. 198—25.
- Van Abbe, Henri H., and L. J. Cock, to North American Philips Co., Inc. Transistor amplifier having a variable amplification. 2,823,269, 2-11-58, Cl. 179—171.
- Van Acker, Joseph E. Combustion gas turbine assembly embodying a plurality of like turbine members. 2,837,892, 6-10-58, Cl. 60—39.15.
- Van Ackeren, Joseph, to Koppers Co., Inc. Coking retort oven. 2,839,454, 6-17-58, Cl. 202—267.
- Van Ackeren, Joseph, to Koppers Co., Inc. Coke oven battery. 2,845,385, 7-29-58, Cl. 202—141.
- Van Ackeren, Joseph, to Koppers Co., Inc. Coke oven structure. 2,863,807, 12-9-58, Cl. 202—142.
- Van Ackeren, Paul, to Koppers Co., Inc. Gas-producers. 2,832,678, 4-29-58, Cl. 48—76.
- Vanadium Corp. of America: *See*—
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- Newland, Cecil T. 2,820,248.
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- Van Aken, Ray W., and W. D. Drinkwater, to United States of America, Navy. Rocket fin assembly. 2,851,950, 9-16-58, Cl. 102—50.
- Van Allan, James A.: *See*—
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- Van Allan, James A., to Eastman Kodak Co. Stabilized photographic emulsions. 2,865,749, 12-23-58, Cl. 96—67.
- Van Allen, Vincent K., and D. L. Morgan, to Robertshaw-Fulton Controls Co. Reverse flow valve. 2,855,000, 10-7-58, Cl. 137—625.43.
- Van Alstyne, Durlin N., to General Motors Corp. Stud transfer and holding means for a stud driving tool. 2,843,166, 7-15-58, Cl. 144—32.
- Van Alstyne, Harold L., to United Aircraft Corp. Pitch lock disabling means for variable pitch propellers. 2,855,057, 10-7-58, Cl. 170—160.021.
- Van Amburg, William F., to Talon, Inc. Quick releasable connecting device. 2,830,349, 4-15-58, Cl. 24—205.11.
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- Van Amelsfort, Petrus B. C., to North American Philips Co., Inc. Switch arrangement. 2,847,523, 8-12-58, Cl. 200—11.
- Van Ameringen-Haebler, Inc.: *See*—
- Andersen, Carl N., and Somerville. 2,841,530.
- Somerville, Willard T., and Theimer. 2,840,599.
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- Freedy, Leslie G. 2,822,687.
- Van Antwerp, Arthur E., to The B. F. Goodrich Co. Apparatus for conducting chemical reactions. 2,863,738, 12-9-58, Cl. 23—277.
- Van Antwerpen, Lloyd D. Shipping carton for wrap-around windshields and the like having foldable cushioning flaps. 2,847,152, 8-12-58, Cl. 229—11.
- Van Arta, Lester C., to Hughes Aircraft Co. Underwater sound reflector. 2,839,735, 6-17-58, Cl. 310—3.
- Van Bakel, Henricus A., and T. A. M. Gast, to North American Philips Co., Inc. Phosphate coating of incandescent lamp. 2,843,504, 7-15-58, Cl. 117—97.
- Van Beers, Edward C.: *See*—
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- Van Blaricom, Lloyd E., and K. R. Gray, to Rayonier Inc. Aromatic hydroxy sulfonate derivatives and products and processes of making the same. 2,831,022, 4-15-58, Cl. 260—512.
- Van Brode Milling Co., Inc.: *See*—
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- Van Buren, Harold S., Jr., to United-Carr Fastener Corp. Fastening device. 2,823,434, 2-18-58, Cl. 24—3.
- Van Buren, Myers, to Raymond Concrete Pile Co. Prestressing of concrete assemblies. 2,826,800, 3-18-58, Cl. 25—118.
- Van Buskirk & Co., Inc.: *See*—
- Van Buskirk, John D. 2,834,284.
- Van Buskirk, John D., to Van Buskirk & Co., Inc. Article marking. 2,834,284, 5-13-58, Cl. 101—35.
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- Vance, A. Eleanor: *See*—
- Vance, Donald E. 2,851,179.
- Vance, Arthur W.: *See*—
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- Vance, Arthur W., to Radio Corp. of America. Step multiplier. 2,865,565, 12-23-58, Cl. 235—61.
- Vance, Byron, Jr., to W. H. Meetze. Sign display rack. 2,844,897, 7-29-58, Cl. 40—125.
- Vance, C. Marcella: *See*—
- Vance, Donald E. 2,851,179.
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- Vance, Donald W. Method of cleaning electrical equipment. 2,866,726, 12-30-58, Cl. 134—23.
- Vance, Harold C.: *See*—
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- Vance, Harold C. Sear construction for foldable bleachers. 2,843,844, 7-22-58, Cl. 20—1,126.
- Vance, John E., to The Hoover Co. Handle controlled suction cleaner nozzle adjustment. 2,856,628, 10-21-58, Cl. 15—359.
- Vance, John E., to The Hoover Co. Air floated iron. 2,864,185, 12-16-58, Cl. 38—75.
- Vance, Raymond B. Automatic ejector stop for earth-moving scrapers. 2,846,788, 8-12-58, Cl. 37—126.
- Vance, Robert F.: *See*—
- Haas, Clarence C., and Vance. 2,833,232.
- Vance, Walter. Arrowhead assembly. 2,820,634, 1-21-58, Cl. 273—106.5.
- Vanciel, Jean L. Milk bottle carrier. 2,860,907, 11-18-58, Cl. 294—87.24.
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- Van Clief, William C., Jr., to Pittsburgh Plate Glass Co. Means for locking brush bristles in retaining structures. 2,821,729, 2-4-58, Cl. 15—181.
- Van Clief, William C., Jr., to Pittsburgh Plate Glass Co. Brush of high bristle density. 2,824,327, 2-25-58, Cl. 15—181.
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- Van Dalen, Leonard, to Van Wood Mfg. Co., Inc. Multi-step drill. 2,832,386, 4-29-58, Cl. 145—125.
- Van Dam, John F., Jr., to Nabel Engineering Co. Label applying machine. 2,850,195, 9-2-58, Cl. 216—52.
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- Van Deemter, Jan J., to Shell Development Co. Expanding gas in a plurality of vortex tubes. 2,861,431, 11-25-58, Cl. 62-5.
- Van de Graaff, Robert J., to High Voltage Engineering Corp. Apparatus for voltage stabilization of constant-potential high-voltage generators. 2,847,611, 8-12-58, Cl. 315-30.
- Van Dellen, Lubbert H., to Kourtesy Kontrol Co. Door lock assembly for rest room control apparatus. 2,855,235, 10-7-58, Cl. 292-169.
- Vandeman, Jack E., to Harris-Intertype Corp. Sheet feeder. 2,857,160, 10-21-58, Cl. 271-48.
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- Vandenberg, Ben W. and A. Molasses mixer for dry cattle feed. 2,829,871, 4-8-58, Cl. 259-10.
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- Van Den Berg, Richard H., to Dimensional Products, Inc. Advertising display. 2,847,871, 8-19-58, Cl. 40-132.
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- Dorsak, John W., and Van Denberg. 2,820,477.
- Dorsak, John W., and Van Denberg. 2,840,417.
- Van Den Bergh, John, and J. L. R. Williams, to Eastman Kodak Co. Polyester-amides of N,N'-bis-(p-carboxybenzoyl) alkylendiamines, glycols and diamines. 2,856,385, 10-14-58, Cl. 260-75.
- Van Den Blink, Willem P., to North American Philips Co., Inc. Slagforming body for use in butt-welding. 2,829,234, 4-1-58, Cl. 219-99.
- Van Den Blink, Willem P., and E. H. Ettema, to North American Philips Co., Inc. Device for use in stud welding. 2,829,235, 4-1-58, Cl. 219-99.
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- Van den Boomgaard, Jan: *See—*
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- Van den Eijnden, Johannes H.: *See—*
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- Van den Thoorn, Adam. Supporting arm device for clothes line pulleys. 2,841,290, 7-1-58, Cl. 211-119.07.
- Vandeputte, John: *See—*
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- Vandeputte, John, to Olin Mathieson Chemical Corp. Ny-statin purification. 2,832,719, 4-29-58, Cl. 167-65.
- Vandeputte, John, and L. J. Heuser, to Olin Mathieson Chemical Corp. Method for purifying tetracycline. 2,847,471, 8-12-58, Cl. 260-559.
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- Vanderbeek, Alfred G., to Crane anchoring device. 2,834,435, 5-13-58, Cl. 188-42.
- Vanderbilt, Byron M., J. P. Thorn, and G. E. Serniuk, to Esso Research and Engineering Co. Gasoline compositions. 2,850,368, 9-2-58, Cl. 44-56.
- Vanderbilt, R. T. Co., Inc.: *See—*
- Brooks, Lester A. 2,845,453.
- Craig, William L. 2,823,997.
- Craig, William L. 2,824,099.
- Karsten, Kenneth S. 2,824,039.
- Sawyer, Russell E. 2,846,492.
- Vanderburg, Harold. Take-up adjuster for steering idler arms. 2,852,289, 9-16-58, Cl. 287-93.
- Vandercook, David D., and G. D. Robar, to Vandercook & Sons, Inc. Lock-up bar assembly. 2,823,608, 2-18-58, Cl. 101-390.
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- Vandercook, David D., and Robar. 2,823,608.
- Van Deren, Earl L. Seed planting machine. 2,855,976, 10-14-58, Cl. 111-52.
- Vandergriff, Arvel L., and W. C. Pease, III, to Lummus Cotton Gin Co. Seed cotton cleaner. 2,862,247, 12-2-58, Cl. 19-93.
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- Brennan, Harry M., Seelig, and Vander Haar. 2,840,527.
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- Vanderhout, Harry: *See—*
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- Vanderhoven, Jean. Water distributing apparatus, with automatic stop, for flushing purposes, particularly for water closets, or for other uses. 2,839,760, 6-24-58, Cl. 4-41.
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- Vanderpool, Eugene B., to Hughes Aircraft Co. Electrical connector. 2,857,577, 10-21-58, Cl. 339-17.
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- Van der Velde, William. Tilttable bed hauling device. 2,849,130, 8-26-58, Cl. 214-85.
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- Van Loon, Mintje, and G. Verberg, to Shell Development Co. Electrical insulating oils and method for producing them. 2,865,849, 12-23-58, Cl. 208-211.
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- Van Meter, Theodore, to Vickers Inc. Power transmission. 2,853,025, 9-23-58, Cl. 103-162.
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- Todd, Alexander W., Anderson, and Fleming. 2,851,828.
- Van Nostran, Jack A., to Ohio Ferro-Alloys Corp. Automatic electrode clamping device. 2,834,824, 5-13-58, Cl. 13-16.
- Van Note, Charles O., Jr., to Servco Engineering, Ltd. Key seat cutter. 2,821,363, 1-28-58, Cl. 255-27.
- Van Olst, Robert A., and F. E. Appleton, to the United States of America as represented by the Secretary of the Navy. Cover assembly. 2,825,485, 3-4-58, Cl. 220-55.
- Van Oosterhout, Gerard W.: *See—*
- Jonker, Gerard H., Van Oosterhout, and Van Santen. 2,862,891.
- Van Ostrom, Leila M.: *See—*
- Van Ostrom, Lorraine A. and L. M. 2,857,689.
- Van Ostrom, Lorraine A. and L. M. Corrective foot support. 2,857,689, 10-28-58, Cl. 36-71.
- Van Otterloo, John G.: *See—*
- Schwarzkopf, Henry, and Van Otterloo. 2,818,850.
- Van Overbeek, Adrianus J. W. M., to North American Philips Co., Inc. Transistor switching circuit. 2,829,281, 4-1-58, Cl. 307-88.5.
- Van Overbeek, Adrianus J. W. M. to North American Philips Co., Inc. Transistor amplifier with bias stabilization. 2,831,114, 4-15-58, Cl. 250-36.
- Van Overbeek, Adrianus J. W. M., to North American Philips Co., Inc. Transistor amplifier. 2,843,681, 7-15-58, Cl. 179-171.
- Van Overbeek, Adrianus J. W. M., to North American Philips Co., Inc. Amplifying circuit comprising a plurality of transistors. 2,864,902, 12-16-58, Cl. 179-171.
- Van Pappelendam, Carl A., to North American Aviation, Inc. Tubular spring welding electrode. 2,841,689, 7-1-58, Cl. 219-78.
- Van Pappelendam, Carl A. Method of fabricating structural sandwiches. 2,866,075, 12-23-58, Cl. 219-83.
- Van Patten, Royal A.: *See—*
- Ensign, Elbert E., Van Patten, and Whitcomb. 2,841,844.
- Van Pelt, Charles H. C., Jr.: *See—*
- Blume, Walter S., Jr., and Van Pelt. 2,854,202.
- Van Pelt, William: *See—*
- Slaughter, Bernard J., Jr., and Van Pelt. 2,848,781.
- Van Ramst, Cornelius W. Engine mounting for boats. 2,864,574, 12-16-58, Cl. 248-10.
- Van Rennes, Albert B., to United States of America, Navy. Multiplier phototube stabilizing circuit. 2,840,720, 6-24-58, Cl. 250-207.
- Van Riet, Alphonse L., and R. G. J. Coppens. Amphibious vehicles. 2,853,812, 9-30-58, Cl. 37-144.
- Van Rijn, Jacobus C. Two-piece cantilever fan and motor. 2,855,141, 10-7-58, Cl. 230-117.
- Van Riper, Jurian W. Temperature control mechanism for extrusion apparatus. 2,832,879, 4-29-58, Cl. 219-20.
- Van Rooy, Alphonsus P.: *See—*
- De Gier, Johannes, Niklas, Van Rooy, and Nienhuis. 2,835,838.
- Niklas, Wilfrid F. K. J., Van Rooy, and Van Wijngaarden. 2,854,607.
- Van Rossum, Hendrikus C.: *See—*
- Ensink, Johannes, Verhagen, Beijnk, Van Rossum, and Jurgens. 2,831,178.

- Van Rossum, Jacobus J., to Shell Development Co. Gas-liquid separator with sieve plate. 2,857,980, 10-28-58, Cl. 183-83.
- Van Ryan, Anthony: *See*—
Schindler, Carl, and Van Ryan. 2,822,445.
Wemfuri, Edward J., Van Ryan, and Westphal. 2,829,601.
- Van Ryan, Anthony, and K. H. Date, to McGraw-Edison Co. Repeating polyphase circuit interrupter. 2,835,703, 5-20-58, Cl. 200-98.
- Van Ryan, Anthony, and K. H. Date, to McGraw-Edison Co. Time delay device. 2,859,392, 11-4-58, Cl. 317-178.
- Van Scoy, Robert W., to Shell Development Co. Process for producing organic sulfonic acids. 2,830,081, 4-8-58, Cl. 260-504.
- Van Sant, Robert H. Jet plugger for fishing. 2,854,776, 10-7-58, Cl. 43-26.2.
- Van Santen, Jan H.: *See*—
Jonker, Gerard H., Van Oosterhout, and Van Santen. 2,862,891.
- Van Santen, Gerard W., to North American Philips Co., Inc. Measuring or recording device. 2,846,646, 8-5-58, Cl. 324-62.
- Van Seiver, Herbert D., II, to The Budd Co. Resistance welding control. 2,848,595, 8-19-58, Cl. 219-108.
- Vansickle, Harley: *See*—
Sheren, Glenn W. 2,848,250.
Sheren, Glenn W. 2,855,215.
- Van Sickle, Wilton E. Medicinal applicator. 2,826,198, 3-11-58, Cl. 128-260.
- Van Sittert, Paul K., to The Rotor Tool Co. Rotary impact clutch. 2,850,128, 9-2-58, Cl. 192-30.5.
- Van Slooten, Louis J., to General Motors Corp. Hydraulic valve lifter. 2,827,887, 3-25-58, Cl. 123-90.
- Van Slyck, Bert R., and W. W. Kelly, to Food Machinery and Chemical Corp. Fruit processing machine. 2,866,549, 12-30-58, Cl. 209-108.
- Van Slyke, Dolphy W.: *See*—
Smith, William S., and Van Slyke. 2,860,822.
- Van Steenis, Otto L.: *See*—
Rooyers, Wilhelmus A., and Van Steenis. 2,835,853.
Vermaas, Henricus G. P., and Van Steenis. 2,821,812.
- Van Strien, Richard E.: *See*—
Bolton, Benjamin A., and Van Strien. 2,860,113.
Bolton, Benjamin A., and Van Strien. 2,860,114.
- Van Strien, Richard E., to Standard Oil Co. Complex of polyoxyalkylene compounds with metal salts and organic liquids thickened with same. 2,828,265, 3-25-58, Cl. 252-316.
- Van Thynne, Ray J.: *See*—
Smith, Karl F., and Van Thynne. 2,863,818.
- Van Tilbury, Jack D., to Collins Radio Co. Controlled oscillator means utilizing gated-beam tubes. 2,833,990, 5-6-58, Cl. 332-25.
- Van Triest, William: *See*—
Borgstrom, Charles E., and Van Triest. 2,819,612.
- Van Tjfen, Jan W.: *See*—
Westerveld, Willem, Van Tjfen, and Haes. 2,819,982.
- Van Urk, Arend T., and J. M. Cluwen, to North American Philips Co., Inc. Magnetic system. 2,844,786, 7-22-58, Cl. 323-92.
- Van Utenhove, Gerard F. L. B., H. J. Tadema, and D. C. Kets, to Shell Development Co. Petroleum production by underground combustion. 2,862,557, 12-2-58, Cl. 166-11.
- Van Valkenburg, Hermon L., to Square D Co. Ambient temperature compensated relay. 2,851,556, 9-9-58, Cl. 200-122.
- Van Valkenburgh, Horace B.: *See*—
Andrews, Albert. 2,852,001.
- Van Valkenburg, Howard E., and E. G. Cook, to Sperry Products, Inc. Ultrasonic thickness gauge. 2,839,916, 6-24-58, Cl. 73-67.8.
- Van Valkenburgh, Lester D., to Fairchild Engine and Airplane Corp. Passive range measuring device. 2,837,738, 6-3-58, Cl. 343-112.
- Van Veen, Anton. Resetting means for counter assembly. 2,846,145, 8-5-58, Cl. 235-144.
- Van Veld, Robert D.: *See*—
Moore, Charles B., and Van Veld. 2,860,557.
- Van Velzer, Harry L., to General Electric Co. Thermal compensating grid frame. 2,832,911, 4-29-58, Cl. 313-78.
- Van Vessem, Jan C., to North American Philips Co., Inc. Semi-conductive device and method of producing same. 2,844,770, 7-22-58, Cl. 317-234.
- Van Voorden, Johannes A. Faced wall and connecting device therefor. 2,863,314, 12-9-58, Cl. 72-19.
- Van Vooren, August H. Rotary work indexing machine. 2,832,242, 4-29-58, Cl. 77-64.
- Van Voorhees, Harold E.: *See*—
Griswold, Charles J., Jr., and Van Voorhees. 2,822,203.
Leslie, James D., Schamel, and Van Voorhees. 2,827,321.
- Van Voorhees, Harold E., to General Motors Corp. Door latch. 2,835,526, 5-20-58, Cl. 292-216.
- Van Voorhees, Harold E., to General Motors Corp. Automobile door latch. 2,836,050, 5-27-58, Cl. 70-149.
- Van Voorhis, Robert F. Pencil holder. 2,848,979, 8-26-58, Cl. 120-108.
- Van Vorst, John R. G. Rotary device for the distribution of fluids into and from the cylinders of driving or working reciprocating machines. 2,857,902, 10-28-58, Cl. 123-190.
- Van Warmerdam, Joannes C., to North American Philips Co., Inc. Cooling device for electric discharge tubes. 2,829,290, 4-1-58, Cl. 313-45.
- Van Waveren, Klaas, to Koninklijke Zwavelzuurfabrieken v/h Ketjen N. V. Process and device for feeding a pulverized material, e. g. a pulverized catalyst. 2,829,007, 4-1-58, Cl. 302-53.
- Van Weelden, Bert: *See*—
Musser, Samuel J., and Van Weelden. 2,857,809.
- Van Weenen, Francisus L.: *See*—
Rinia, Herre, den Haan, Dros, and Van Weenen. 2,824,430.
- Van Wey, Donald E.: *See*—
Oleson, Ole S., and Van Wey. 2,859,012.
- Van Wijngaarden, Cornelis J. Rotary pumps. 2,821,840, 1-28-58, Cl. 233-43.
- Van Wijngaarden, Jan: *See*—
Niklas, Wilfrid F. K. J., Van Rooy, and Van Wijngaarden. 2,854,607.
- Van Wilgen, Jacob, to North American Philips Co., Inc. Sterilizer for running liquids. 2,857,520, 10-21-58, Cl. 250-45.
- Van Wingerden, Aart, and J. C. den Hollander. Apparatus to form soil packs for planting. 2,829,468, 4-8-58, Cl. 47-1.
- Van Winkle, Ferman M. Automobile front end alignment device. 2,853,794, 9-30-58, Cl. 33-203.17.
- Van Winkle, John L.: *See*—
Watson, Forrest J., Morris, and Van Winkle. 2,858,332.
- Van Wood Mfg. Co., Inc.: *See*—
Van Dalen, Leonard. 2,832,386.
- Van Wyhe, Wayne V. Combination manure spreader, feed mixer and elevator. 2,822,947, 2-11-57, Cl. 214-522.
- Van Wyk, Joseph W., to Standard Oil Co. Production of blown asphalts in the presence of a phosphorus containing catalyst. 2,859,167, 11-4-58, Cl. 203-35.
- Van Zandt, Rollin P.: *See*—
Parks, John H., and Van Zandt. 2,841,000.
- Van Zelm, Willem D., and K. S. Nevin, Jr., to the United States of America as represented by the Secretary of the Navy. Pretensioning system. 2,827,248, 3-18-58, Cl. 244-63.
- Van Zelst, Theodore W., Jr., to Soiltest, Inc. Sieve shaker apparatus. 2,862,620, 12-2-58, Cl. 209-237.
- Van Zile, Leon E.: *See*—
Armstrong, James E., and Van Zile. 2,822,973.
- Vanzo, Marcello, to Pirelli S. p. A. Apparatus for making reinforced rubber tubing. 2,848,863, 8-26-58, Cl. 57-15.
- Vanzo, Marcello, D. Giletta, and U. Nuara, to Pirelli Societa Per Azioni. Tire building apparatus. 2,828,797, 4-1-58, Cl. 154-9.
- Vapor Heating Corp.: *See*—
Anderson, Warren W., and Hammerand. 2,844,684.
Johnson, Sam J., and Brosseau. 2,854,793.
Moore, Edward B., and Stonich. 2,819,730.
Moore, Edward B., and Stonich. 2,839,082.
Parks, William W., and Peterson. 2,866,070.
Stonich, Elwood H., and Moore. 2,844,324.
Stonich, Elwood H., and Moore. 2,841,392.
- Varaud, Claude, to Ufa Universal Finanzierungs Anstalt. Double-acting percussion fuze provided with a safety device for projectiles. 2,821,925, 2-4-58, Cl. 102-84.
- Varaud, Claude. Regulating device with torsion wire for clockwork. 2,860,580, 11-18-58, Cl. 102-84.
- Varcoe, Lorne C.: *See*—
Knight, Cyril H., and Varcoe. 2,852,138.
- Varela, Arthur A., to Corvey Engineering Co. Transistors. 2,843,809, 7-15-58, Cl. 317-235.
- Varese, John R., and C. D. Wagner, to Craft Mfg. Co. Liquid cooling system. 2,824,432, 2-25-58, Cl. 62-141.
- Vargo, Paul: *See*—
Schoenoff, Waldemar P., and Vargo. 2,848,843.
- Varian Associates: *See*—
Beaver, William L. 2,834,909.
Chodorow, Marvin. 2,836,758.
Hennies, Stuart R., and Brown. 2,829,352.
Nelson, Bruce E. 2,853,679.
Nelson, Forrest A. 2,858,504.
Packard, Martin E. 2,856,579.
Shoolery, James N. 2,864,995.
Snow, Donald L., and Kafitz. 2,824,258.
Ward, Curtis E. 2,864,968.
- Varichon, Claude, to Compagnie Generale d'Electricite. Circuit breaker. 2,839,632, 6-17-58, Cl. 200-87.
- Variety Display Service, Inc.: *See*—
Lersch, Richard A. 2,850,820.
- Variofix (Proprietary) Ltd.: *See*—
Kleinschmidt, Peter. 2,831,765.
- Vari-Typer Corp.: *See*—
Corvino, Ralph, Pederson, and Stone. 2,827,144.
Raak, Bently. 2,820,539.
- Varkala, Peter B., to Progress Mercantile Co. Ltd. Construction of resilient seating and reclining surfaces. 2,832,399, 4-29-58, Cl. 155-178.
- Varkony, Emerich, to Toms River-Cincinnati Chemical Corp. Agitator for lined pressure vessel. 2,852,238, 9-16-58, Cl. 259-107.
- Varland, Robert H.: *See*—
Hales, Ralph A., and Varland. 2,857,378.
- Varley, William J. Combination of long-barrelled firearm and safety appendage. 2,848,833, 8-26-58, Cl. 42-85.
- Varlonga, Giovanni, to F. E. A. L. Societa. Clamping arrangement. 2,836,449, 5-27-58, Cl. 287-54.

- Varner, Garry M. Automatic hog feeder. 2,821,370, 1-28-58, Cl. 259-10.
- Varner, Horace M., to Bendix Aviation Corp. Coupling. 2,835,118, 5-20-58, Cl. 64-15.
- Varner, Stuart L., to Lear, Inc. Electrolytic switch. 2,830,159, 4-8-58, Cl. 200-152.
- Varo Mfg. Co., Inc.: *See*—
- Holt, William J., Jr. 2,824,274.
- Holt, William J., Jr. 2,838,698.
- Varon, André L.: *See*—
- Viger, Maximilien, and Varon. 2,832,254.
- Varrin, Albert, and E. G. Anderson, to S. N. Lewis. Door latch assembly. 2,848,886, 8-26-58, Cl. 70-146.
- Varsity Pre-Cast Seat Co., Inc.: *See*—
- Miller, Buel W. 2,834,088.
- Vartanian, Richard D.: *See*—
- Conn, Robert C., and Vartanian. 2,819,177.
- Vartanian, Richard D., to American Cyanamid Co. Stable aqueous titania monohydrate dispersions. 2,819,174, 1-7-58, Cl. 106-300.
- Vartanian, Richard D., to American Cyanamid Co. Stabilized colloidal titania monohydrate suspensions. 2,819,176, 1-7-58, Cl. 106-305.
- Vartanian, Richard D., and W. F. Herbes, to American Cyanamid Co. Aqueous pigment-aminoplast resin emulsion and method of treating fabric therewith. 2,863,788, 12-9-58, Cl. 117-33.3.
- Vartia, Karl O. Roof structure. 2,826,157, 3-11-58, Cl. 108-1.
- Varvel, Charles W., to Phillips Petroleum Co. Corrosion-inhibiting composition containing cetyl dimethyl amine petroleum sulfonates, and method. 2,845,393, 7-29-58, Cl. 252-391.
- Varvel, Gerald L., $\frac{1}{2}$ to J. H. Mead, Jr. Attachment to baler to agitate twine feeder tube. 2,829,585, 4-8-58, Cl. 100-5.
- Vasco Industries Corp.: *See*—
- Dekker, Adriaan. 2,863,777.
- Vascoloy-Ramet Corp.: *See*—
- Beck, Le Roy F. 2,854,734.
- Dukes, Phillips J. 2,854,735.
- Vasconi, Edgardo G., and H. J. Meek, to Jaroco Engineering Co. Bearing sleeve. 2,821,010, 1-28-58, Cl. 29-149.5.
- Vasicek, Stanley H.: *See*—
- Holly, Earl D., and Vasicek. 2,832,806.
- Vasikonis, John W., and O. Bradley. Flange fastening clip for spools. 2,823,573, 2-18-58, Cl. 85-40.
- Vaske, Paul, to Licentia Patent-Verwaltungs-G. m. b. H. Pole changing shaded pole motor. 2,864,987, 12-16-58, Cl. 318-223.
- Vasold, Samuel H. Storage hoppers. 2,863,575, 12-9-58, Cl. 214-17.
- Vasquez, Joseph C. Collapsible chock. 2,829,738, 4-8-58, Cl. 188-32.
- Vasquez, Richard L.: *See*—
- Towle, George B., Vasquez, and Wetherbee. 2,866,316.
- Vassanelli, William. Ice skate walking appliance—ice skate walking shoes. 2,828,967, 4-1-58, Cl. 280-11.38.
- Vassel, Bruno: *See*—
- Purvis, Joseph L., and Vassel. 2,834,805.
- Vassel, Bruno, to International Minerals & Chemical Corp. Resolution of DL-pyrrolidonecarboxylic acid. 2,830,996, 4-15-58, Cl. 260-326.3.
- Vasset, Andre: *See*—
- Beaujard, Louis, Husarek, and Vasset. 2,836,059.
- Vastano, Joseph J., to Flex-Let Corp. Ornamental shell mounting means for chain links. 2,858,665, 11-4-58, Cl. 59-79.
- Vaughan, Arthur H., to The Electric Furnace Co. Muffle type furnace with movable support struts. 2,825,547, 3-4-58, Cl. 263-42.
- Vaughan & Bushnell Mfg. Co.: *See*—
- Lay, Clarence M. 2,831,202.
- Vaughan, Delmas L. Automatic mowing machine guide. 2,847,077, 8-12-58, Cl. 180-79.1.
- Vaughan, Frank E. J., to Powers-Samas Accounting Machines Ltd. Long paper feeding mechanism for record controlled machines. 2,832,456, 4-29-58, Cl. 197-133.
- Vaughan, Gerald L., to Diamond Gardner Corp. Sorting and orienting. 2,843,254, 7-15-58, Cl. 198-33.
- Vaughan, Henry E., to Bell Telephone Laboratories, Inc. Magnetic core signal generator. 2,835,741, 5-20-58, Cl. 179-90.
- Vaughan, James L., to National Research Corp. Method of producing refractory metals. 2,847,298, 8-12-58, Cl. 75-84.5.
- Vaughan, Joseph, to Lloyd Brothers, Inc. Laxative compositions containing dioctyl sodium sulfosuccinate and 1,8-dihydroxanthraquinone. 2,847,346, 8-12-58, Cl. 167-56.
- Vaughan, Joseph B., to Lloyd Brothers, Inc. Compositions containing ferrous sulfate and dioctyl sodium sulfosuccinate. 2,851,394, 9-9-58, Cl. 167-68.
- Vaughan, Joseph B., and H. M. Leyland, to Lloyd Brothers, Inc. Process for the preparation of ferri ferro cobalto-chloroaminoacetate. 2,847,437, 8-12-58, Cl. 260-439.
- Vaughan, Paul H., to Combustion Engineering, Inc. Air heater. 2,854,220, 9-30-58, 257-1.
- Vaughan, Paul J., to The Goodyear Tire & Rubber Co. Method of stretching rubber hydrochloride film. 2,866,231, 12-30-58, Cl. 18-48.
- Vaughan, Robert T., to The Sharples Corp. Centrifugal contactor. 2,819,015, 1-7-58, Cl. 233-15.
- Vaughan, William E.: *See*—
- Winkler, De Loss E., Hearne, and Vaughan. 2,862,973.
- Vaughen, Jack F. Calculating device. 2,852,193, 9-16-58, Cl. 235-84.
- Vaughn, Charles O., to Suburban Appliance Co. Space heater. 2,864,359, 12-16-58, Cl. 126-110.
- Vaughn, Everett W., to Westinghouse Electric Corp. X-ray apparatus. 2,841,714, 7-1-58, Cl. 250-57.
- Vaughn, Frank W., and H. B. De Voe, Jr., to Aluminum Co. of America. Continuous casting mold. 2,862,265, 12-2-58, Cl. 22-57.2.
- Vaughn Machinery Co., The: *See*—
- McIlvried, Edwin J. 2,837,206.
- Vaughn, Raymond E., 25% to G. C. Chiga, and 25% to S. J. Bell. Hub cap. 2,843,427, 7-15-58, Cl. 301-37.
- Vaughn, Rudolph M. Expanding fastener having threads of opposite hand to maintain the parts in engagement. 2,863,351, 12-9-58, Cl. 85-2.4.
- Vaughn, Rudolph M. Screw driver. 2,864,418, 12-16-58, Cl. 145-50.
- Vaughn, Wilbur C. Portable carrier storage truck. 2,826,426, 3-11-58, Cl. 280-47.2.
- Vaugoyeau, Alexandre. Semi-trailer coupling permitting lateral tilting of the trailer. 2,833,561, 5-6-58, Cl. 280-138.
- Vaupel, Edwin A., to Food Industries Co., Inc. Meat tenderizer. 2,825,654, 3-4-58, Cl. 99-222.
- Vause, Arthur S., to General Electric Co. Electric incandescent lamp. 2,845,569, 7-29-58, Cl. 313-274.
- Vautier, André C. R., to Sud-Aviation Societe Nationale de Constructions Aeronautiques. Jet-propelled aircraft. 2,863,620, 12-9-58, Cl. 244-15.
- Vautrey, Louis: *See*—
- Schwab, Bernard, and Vautrey. 2,845,554.
- Vaux, George, G. L. Stitley, and G. A. Smith. Planetarium occulting light projection system. 2,827,828, 3-25-58, Cl. 88-24.
- Vaux, George, and G. L. Stitley. Moon projector apparatus. 2,827,830, 3-25-58, Cl. 88-24.
- Vavrinek, Le Roy J., to Ekeo Products Co. Folding mop head assembly. 2,840,843, 7-1-58, Cl. 15-244.
- Vay, Spencer B. Portable commode. 2,849,726, 9-2-58, Cl. 4-134.
- Vaya, Augusto, to C. A. D. A. C. "Compania Argentina De Aparatos Criptografos Sociedad De Responsabilidad Limitada." Cryptographic device. 2,866,724, 12-30-58, Cl. 35-3.
- Vazquez, Charles: *See*—
- Alizon, Etienne, and Vazquez. 2,831,939.
- Vdo Tachometer Werke, Adolph Schindling G. m. b. H.: *See*—
- Keck, Albert. 2,846,532.
- Veach, Clyde. Quick change shaft. 2,818,742, 1-7-58, Cl. 74-230.3.
- Veale, Charles C., to Western Electric Co., Inc. Methods of and apparatus for welding tapes together to form bi-metallic stock for electrical contacts. 2,819,382, 1-7-58, Cl. 219-117.
- Veale, Charles C., to Western Electric Co., Inc. Method of forming contact tapes. 2,826,948, 3-18-58, Cl. 80-60.
- Veale, John H.: *See*—
- West, Howard F., and Veale. 2,841,502.
- Veatch, Franklin: *See*—
- Croft, Richard D., and Veatch. 2,822,238.
- Croft, Richard D., and Veatch. 2,829,437.
- Milberger, Ernest C., and Veatch. 2,828,261.
- Veatch, Franklin. Golf ball. 2,861,810, 11-25-58, Cl. 273-213.
- Vector Mfg. Co.: *See*—
- Gorman, D. Y., and McLoad. 2,845,605.
- McLoad, Kenneth W. 2,842,751.
- McLoad, Kenneth W. 2,856,594.
- Randall, Clifton O., and Zepernick. 2,842,750.
- Feeder-Root Inc.: *See*—
- Bickford, John H., and Heinzmann. 2,855,149.
- Bliss, Harvey N., and Manke. 2,851,215.
- Bliss, Harvey N., and Vroom. 2,833,477.
- Bliss, Harvey N., and Wild. 2,821,863.
- Spaunburg, Harvey L., and White. 2,838,237.
- Vroom, Harold B. 2,840,312.
- Wild, Otto, Jr. 2,836,363.
- Vehige, Joseph G., to the United States of America as represented by the Secretary of the Air Force. Valve device. 2,830,523, 4-15-58, Cl. 98-40.
- Vehling, Robert W.: *See*—
- Morris, Merchant U., and Vehling. 2,857,135.
- Veis, Arthur, and J. Cohen, to Armour and Co. Method of preparing filaments and sheets from procollagen. 2,838,363, 6-10-58, Cl. 18-54.
- Veit, Heinrich R., to Askania-Werke A. G. Turbidimeter. 2,866,379, 12-30-58, Cl. 88-14.
- Veitch, Albert H., and J. F. Johnson, to General Electric Co. Insulating guard. 2,862,997, 12-2-58, Cl. 174-138.
- Veith, Werner, and P. Meyer, to Siemens & Halske Akt. Focused electron flow electron tube for very high frequencies. 2,844,750, 7-22-58, Cl. 313-84.
- Vela, Macedonio A., to Phillips Petroleum Co. Process and apparatus for the purification of crystals. 2,839,411, 6-17-58, Cl. 99-205.
- Velan, Adolf K., and R. Ripert, to Velan Engineering Ltd. Mono valve float thermostatic steam trap. 2,825,508, 3-4-58, Cl. 236-53.
- Velan Engineering Ltd.: *See*—
- Velan, Adolf K., and Ripert. 2,825,508.
- Veldhuis, Albert C., to Wind Turbine Co. Automatic de-icing system. 2,864,927, 12-16-58, Cl. 219-19.

- Velepec, Rudolph J., to Upson Brothers, Inc. Anchoring means for the shanks of hand tools. 2,840,382, 6-24-58, Cl. 279-102.
- Veley, Hugh N., to Speer Carbon Co. Manufacture of molded-in shunt electrical contact members. 2,855,630, 10-14-58, Cl. 18-59.
- Velia, Louis J.: *See*—
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- Veliz, José T. Closures for containers to make the same non-refillable. 2,843,282, 7-15-58, Cl. 215-22.
- Velke, Herbert, to Gebrüder Buhler. Device for the support of screens. 2,834,412, 5-13-58, Cl. 160-395.
- Velke, Herbert, to Gebrüder Buehler. Separators for pulverulent materials. 2,865,506, 12-23-58, Cl. 209-315.
- Vella, Joseph: *See*—
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- Vellas, Jean J. L., and L. C. Paiz. Device for treatment and particularly sterilisation of liquids. 2,839,463, 6-17-58, Cl. 204-212.
- Velluz, Leon: *See*—
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Warman, Julien, Joly, Mathieu, and Velluz. 2,842,544.
- Velluz, Leon, G. Amlard, and B. Goffinet, to U C L A F. Method of preparing tachysterol. 2,847,426, 8-12-58, Cl. 260-397.2.
- Velonis, Stamatis G. Therapeutic bath device. 2,856,611, 10-21-58, Cl. 4-180.
- Velsich Chemical Corp.: *See*—
Molotsky, Hyman M., and Ballweber. 2,829,147.
- Velten, Anna M. (nee Bachr): *See*—
Bähr, Johannes. 2,835,559.
- Veltman, Preston L., L. L. Baral, and R. W. Richardson, 1/2 to W. R. Grace & Co., and 1/2 to Esso Research and Engineering Co. Method of making catalysts. 2,844,523, 7-22-58, Cl. 196-52.
- Veltri, Peter P.: *See*—
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- Ven Corp., The: *See*—
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- Vendig, Malcolm A.: *See*—
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- Venditti, Fred P.: *See*—
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- Vendo Co., The: *See*—
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- Vendomatic Ltd.: *See*—
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- Venning, Charles F. D., and J. S. Hawkes, to Westinghouse Brake and Signal Co. Ltd. Railway traffic control systems. 2,851,590, 9-9-58, Cl. 246-134.
- Vennootschap onder firma "D. O. V. O." Fabriek van Suikerwerken: *See*—
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- Ventaire Co.: *See*—
Ruggles, Donald H. 2,839,795.
- Vento, Nichols J. Two-way responding single reed and block. 2,820,390, 1-21-58, Cl. 84-377.
- Ventura Processors: *See*—
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- Ventura Farms Frozen Foods, Inc.: *See*—
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- Veny, Maurice R., to Societe des Etablissements Roger Brillie. Air distributor for inflating and balancing pneumatic tires for vehicle wheels. 2,837,129, 6-3-58, Cl. 141-197.
- Vera, Robert M., and A. B. Everly, Jr. Downspout mitring tool. 2,837,160, 6-2-58, Cl. 164-50.
- Verardo, John E., to Fairchild Camera and Instrument Corp. Electromagnetic transducer motor. 2,860,289, 11-11-58, Cl. 317-158.
- Verba, Richard J., to H. V. Schweitzer. Mechanical movement for coating apparatus. 2,840,037, 6-24-58, Cl. 118-315.
- Verba, Richard J., to H. V. Schweitzer. Gun arm coating apparatus. 2,840,038, 6-24-58, Cl. 118-323.
- Verbanc, John J.: *See*—
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Campbell, Tod W., and Verbanc. 2,853,473.
- Verbanc, John J., to E. I. du Pont de Nemours and Co. Processing of polyurethane polymers prepared from polyalkyleneether glycols and product resulting therefrom. 2,833,740, 5-9-58, Cl. 260-45.5.
- Verberg, Govert: *See*—
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- Verboom, Johannes: *See*—
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- Verbrugge, Joseph J.: *See*—
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- Verburg, Hendrik: *See*—
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- Vercelli, Giorgio: *See*—
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- Vercellone, Alberto: *See*—
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- Vercellone, Alberto, and C. Pasini, to Società Farmaceutici Italia. New guanidine compounds, their preparation and use as reagents for picric acid. 2,818,481, 8-19-58, Cl. 260-501.
- Vercesi, Americo A., to Ford Instrument Co. Division of Sperry Rand Corp. Precision potentiometer. 2,839,643, 6-17-58, Cl. 201-54.
- Vercesi, Americo A., to Sperry Rand Corp., Ford Instrument Co. Division. Rotatable drum potentiometer. 2,853,586, 9-23-58, Cl. 201-56.
- Vercu, William L., and M. I. Block. Appliance for treating infections. 2,839,052, 6-17-58, Cl. 128-66.
- Vercoc, Maurice C.: *See*—
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- Verderber, Frank J. Manual duplicators. 2,830,533, 4-15-58, Cl. 101-126.
- Verderber, Joseph. Pneumatic clamping device with mechanical advantage. 2,863,290, 12-9-58, Cl. 60-97.
- Verdick, Richard D.: *See*—
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- Verdier, George O.: *See*—
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- Verdier, John L. G. O., W. J., and P. D. Electric motor control circuit. 2,864,984, 12-16-58, Cl. 318-207.
- Verdier, Preston D.: *See*—
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- Verdooner, Marcel: *See*—
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- Verdurin Co.: *See*—
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- Vereinigte Aluminum-Werke Akt.: *See*—
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Neunzig, Heinrich, Baumann, and Helling. 2,847,286.
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- Vereinigte Baubeschlag-Fabriken Gretsck & Co., G. m. b. H.: *See*—
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- Vereinigte Deutsche Metallwerke Aktiengesellschaft: *See*—
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- Vereinigte Glanzstoff-Fabriken Aktiengesellschaft: *See*—
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- Vereinigte Leichtmetall-Werke Gesellschaft mit Beschränkter Haftung: *See*—
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- Vereinigte Österreichische Eisen- und Stahlwerke Akt.: *See*—
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- Veres, Edward W., to Arrow Tools, Inc. Mist coolant atomizer. 2,850,323, 9-2-58, Cl. 299-86.
- Veres, John. Fish stringer. 2,861,727, 11-25-58, Cl. 224-7.
- Verga Casati, Gianni. Combined priming and ignition tube for firing ordnance or explosives. 2,853,007, 9-23-58, Cl. 102-45.
- Verga, Frank A., to The Glenn L. Martin Co. Antenna wire tension and ejecting unit. 2,825,110, 3-4-58, Cl. 24-201.
- Verge, Kenneth W.: *See*—
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- Vergeer, Albert W., to The Meehan-Tooker Co., Inc. Display devices. 2,832,176, 4-29-58, Cl. 40-124.1.
- Vergilio, Joseph H., F. H. Bruner, and A. J. Millendorf, to The Texas Co. Process for treating carbonylation product. 2,831,029, 4-15-58, Cl. 260-604.
- Vergobbi, John G., to Pneumatic Scale Corp., Ltd. Container forming machine. 2,821,121, 1-28-58, Cl. 93-8.
- Verhagen, Jan: *See*—
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- Verhas, Gus J. Window washing and cleaning device. 2,824,329, 2-25-58, Cl. 15-232.
- Verhoef, Johan A., and W. G. Ames, to North American Philips Co., Inc. Magnetic electron lens. 2,849,636, 8-26-58, Cl. 313-84.

- Verhoeff, Andrianus: *See*—
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- Verhoeff, Jacob, to North American Philips Co., Inc. Worm gear. 2,833,155, 5-6-58, Cl. 74-427.
- Verhoeven, Lambertus, to North American Philips Co., Inc. Coil system more particularly intermediate-frequency band-pass filters. 2,849,690, 8-26-58, Cl. 336-75.
- Verhunce, Louis J. Hot journal warning device. 2,851,984, 9-16-58, Cl. 116-106.
- Veritas Drug Co. Ltd.: *See*—
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- Verkruisen, Arie F., to North American Philips Co., Inc. Device for supplying a signal to one of a plurality of output conductors. 2,860,261, 11-11-58, Cl. 307-88.5.
- Verlander, Wallace A. Shrimp deveiner. 2,840,851, 7-1-58, Cl. 17-7.
- Verley, Albert. Method of fixing lower alkyl radicals on ethylenic double bonds of terpenes. 2,837,569, 6-3-58, Cl. 260-587.
- Verley, Guy M., to Sinclair Refining Co. Method of neutralization of mahogany sulfonic acids. 2,821,548, 1-28-58, Cl. 260-504.
- Verley, Guy M., to Sinclair Refining Co. Lubricating oils containing a zinc dithiophosphate and nickel mahogany sulfonate. 2,824,063, 2-18-58, Cl. 252-327.
- Verley, Guy M., to Sinclair Refining Co. Method of preparing alkali and alkaline earth metal salts of dithiophosphoric acid diesters. 2,838,557, 6-10-58, Cl. 260-461.
- Verley, Guy M., to Sinclair Refining Co. Process of preparing sulfurized-phosphorus sulfide-olefin lubricant additive. 2,865,907, 12-23-58, Cl. 260-139.
- Verloop, Arie: *See*—
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- Koevoet, Arie L., Verloop, Buisman, and Westerhof. 2,862,934.
- Vermaas, Henricus G. P., and O. L. Van Steenis, deceased (by J. D. Heijligers, executor), to North American Philips Co., Inc. Method of sealing together thick-walled hollow glass parts. 2,821,812, 2-4-58, Cl. 49-82.
- Vermette, Howard. Scroll chuck with spring-actuated hammer lugs. 2,855,207, 10-7-58, Cl. 279-114.
- Vermette, Howard. Oil pumping mechanism. 2,856,101, 10-14-58, Cl. 222-189.
- Vermillion, Charles O.: *See*—
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- Vermillion, Herbert E.: *See*—
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- Vernay Laboratories, Inc.: *See*—
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- Vernco Corp.: *See*—
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- Sprouse, Verner E. 2,850,262.
- Sprouse, Verner E. and Jordan. 2,839,261.
- Verner, Dalton R., and L. M. Stoakes, to Allis-Chalmers Mfg. Co. Rectifier transformer having means for obtaining forming voltages without additional windings. 2,843,816, 7-15-58, Cl. 321-8.
- Vernet, Charles: *See*—
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- Vernet, Charles L.: *See*—
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- Vernet, Sergius, to Antioch College. Power element. 2,841,983, 7-8-58, Cl. 73-358.
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- Vernier, Robert J., to United States of America as represented by the Secretary of the Army. High speed sampler. 2,826,075, 3-11-58, Cl. 73-421.
- Vernon, Dixon S., to Art Metal Construction Co. Method for making index tips. 8-26-58, Cl. 18-56.
- Vernon, Harcourt C., to the United States of America as represented by the United States Atomic Energy Commission. Power generating neutronic reactor system. 2,825,688, 3-4-58, Cl. 204-193.2.
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- Vernon, Joseph M.: *See*—
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- Vernsten, Maynette R.: *See*—
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- Verplanck, Vincent: *See*—
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- Verreault, Joseph, to Dominion Corset Co., Ltd. Brassiere. 2,830,590, 4-15-58, Cl. 128-466.
- Verreault, Joseph, to Dominion Corset Co., Ltd. Brassiere breast pocketers. 2,864,374, 12-16-58, Cl. 128-483.
- Verreault, Joseph, to Dominion Corset Co. Ltd. Breast pockets for brassieres and like foundation garments. 2,866,463, 12-30-58, Cl. 128-514.
- Verreries Mecaniques Champenoises: *See*—
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- Verrett, Wallace A. Isometric piping template rule. 2,858,612, 11-4-58, Cl. 33-75.
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- Verrinder, Ernest A., and J. R. Richards, to Food Machinery and Chemical Corp. Machine for nailing lids on boxes. 2,866,535, 12-30-58, Cl. 198-29.
- Verrue, Alfred N. Double acting pump. 2,864,316, 12-16-58, Cl. 103-145.
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- Versteeg, John. Flushable tooth brush. 2,865,038, 12-23-58, Cl. 15-128.
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- Lemont, Harold E., Jr. 2,865,688.
- Vervest, Wilhelmus L.: *See*—
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- Unk, Jacob M., Vervest and Waarle. 2,824,637.
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- Veselik, Emil, M. C. Wilson, and W. F. Jicha, to Calumet Steel Castings Corp. Wheel block. 2,835,349, 5-20-58, Cl. 188-32.
- Vesoma, Karl B., to Aktiebolaget Westin & Backlund. Speed controlling device for the pattern separating apparatus of a molding machine. 2,849,766, 9-2-58, Cl. 22-26.
- Vesper, Daniel M.: *See*—
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- Lupfer, Dale E., and Vesper. 2,826,180.
- Vesque, Henri, and G. De Percin, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Gas separation control process. 2,833,127, 5-6-58, Cl. 62-175.5.
- Vester, Borge, and T. B. Olsen, to F. L. Smidth & Co. Method of and apparatus for multiple stage wet grinding. 2,824,701, 2-25-58, Cl. 241-21.
- Vesterdal, Hans G.: *See*—
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- Vetrano, James B., and R. W. Bragdon, to Metal Hydrides Inc. Method for preparing anhydrous sodium borohydride. 2,856,274, 10-14-58, Cl. 23-300.
- Vettrera Italiana Balzaretto Modigliani S. p. A.: *See*—
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- Vetri, Michael. Attachment for a screw driver handle. 2,849,041, 8-26-58, Cl. 145-61.
- Vetter, Ludwig: *See*—
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- Vettee, Ernest E., to Selas Corp. of America. Apparatus for rotating work pieces moving through a furnace. 2,830,462, 4-15-58, Cl. 74-422.
- Veyssiere, Henri, to Societe des Forges et Chantiers de la Mediterranee. Fluid flow regularizing and/or directing device. 2,847,927, 8-19-58, Cl. 98-60.
- Viale, Richard J., to T. A. Brunel, doing business as Bru Research Institute. Gas saving device. 2,852,655, 9-16-58, Cl. 219-38.
- Viasmsensky, Vladimir: *See*—
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- Viasmsensky, Vladimir, to United States of America, Army. Intermittent action ball cam rotor. 2,834,292, 5-13-58, Cl. 102-79.
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- Vibber, Alfred W. Method of and apparatus for plying strands. Re. 24,483, 6-10-58, Cl. 57-58.36.
- Vibber, Alfred W. Twisting spindle balloon control. 2,843,997, 7-22-58, Cl. 57-58.55.
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- Vibradamp Corp.: *See*—
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- Vibrane Corp.: *See*—
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- Vibrans, Gerwig: *See*—
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- Vibro-Plus Corp.: *See*—
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- Bondeson, Lennart P. B., and Fridh. 2,834,584.
- Vicard, Pierre G. Apparatus for treating gases. 2,852,239, 9-16-58, Cl. 261-24.
- Vicars, T. & T., Ltd.: *See*—
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- Naylor, Joseph F. 2,856,870.
- Naylor, Joseph F., Northmore, and Tibbs. 2,842,650.
- Viccellio, James H.: *See*—
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- Vice, Earl C., to Arnco Steel Corp. Side guide for conveyors. 2,818,954, 1-7-58, Cl. 193-35.

- Vicenzi, Reno L., and F. F. Heiser, to Controls Co. of America. Encapsulated relay. 2,845,585, 7-29-58, Cl. 317-165.
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- Vick, Ralph L., to Bendix Aviation Corp. Combination master cylinder and power brake valve. 2,838,911, 6-17-58, Cl. 60-51.6.
- Vickers-Armstrongs (Engineers) Ltd.: *See*—
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- Vickers, Edward J.: *See*—
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- Vickers Furnaces Ltd.: *See*—
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- Vickers, Herbert H., to Esso Research and Engineering Co. Method for finishing polymers. 2,833,750, 5-6-58, Cl. 260-85.3.
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- Vickery, Mary A. D.: *See*—
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- Vickland, John C., to The Air Preheater Corp. Axially biased segments for circumferential seal in air heater. 2,844,394, 7-22-58, Cl. 286-23.
- Victor Adding Machine Co.: *See*—
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- Victor Chemical Works: *See*—
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- Victor, Frank M. Portable brazier. 2,819,667, 1-14-58, Cl. 99-339.
- Victor, Irving W., to General Electric Co. Jet engine fuel, pressure ratio, and nozzle area control. 2,818,703, 1-7-58, Cl. 60-35.6.
- Victor Mfg. & Gasket Co.: *See*—
Kosatka, Thomas O. 2,856,219.
Nessen, Paul F. 2,826,441.
- Victor Products Corp.: *See*—
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- Victoreen Instrument Co., The: *See*—
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- Victoria-Werke A. G.: *See*—
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- Victorian Diemoulders Proprietary Ltd.: *See*—
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- Victorlith Industries, Inc.: *See*—
Fitz Gerald, Harold G. 2,824,490.
Fitz Gerald, Harold G. 2,828,666.
- Victory Engineering Corp.: *See*—
Sapoff, Meyer, and Goodyear. 2,832,219.
- Vidach, John B. Tie carrying rack. 2,828,865, 4-1-58, Cl. 211-89.
- Vidach, John B. Illuminated sign. 2,842,881, 7-15-58, Cl. 40-133.
- Vidal, Eugene L. Reinforced box. 2,838,198, 6-10-58, Cl. 220-19.
- Vido, George. Scissors. 2,854,005, 9-30-58, Cl. 128-321.
- Vidovic, Gerda E. I. Bread slicer. 2,855,965, 10-14-58, Cl. 146-139.
- Viebahn, William W.: *See*—
Berg, Chester P., and Viebahn. 2,841,910.
- Viel, Otto, to Spumalit-Anstalt. Apparatus for the continuous fabrication of a labile resin. 2,858,195, 10-28-58, Cl. 23-260.
- Viemann, Lewis D. Tobacco dispenser. 2,854,008, 9-30-58, Cl. 131-3.
- Vienneau, Jacob J., to General Electric Co. Three phase stacked magnetic core section. 2,829,353, 4-1-58, Cl. 336-5.
- Viergutz, Alfred H., to The W. A. Kates Co. Fluid flow regulating device. 2,859,769, 11-11-58, Cl. 137-504.
- Vierling, Donald E. Phenothiazine compositions. 2,840,504, 6-24-58, Cl. 167-53.
- Vierling, Otto, to Zeiss Ikon A. G. Viewing device for stereo pictures. 2,845,844, 8-5-58, Cl. 88-29.
- Vieth, Albert B., to Price Battery Corp. Battery component assembling machines. 2,819,805, 1-14-58, Cl. 214-6.
- Vieth, Albert B., to Price Battery Corp. Battery component assembling machines. 2,819,806, 1-14-58, Cl. 214-6.
- Viewlex, Inc.: *See*—
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Pollan, David. 2,861,497.
- Vifot, Stig O.: *See*—
Heth, Sherman C., Joswik, and Vifot. 2,865,461.
- Viger, Maximilien, and A. L. Varon, to Aerocecessoires Simmonds. Nut and expanding sleeve retainer therefor. 2,832,254, 4-29-58, Cl. 85-24.
- Vigna, Peter F. Christmas tree holder. 2,855,168, 10-7-58, Cl. 248-48.
- Vignere, Leonard, Sr. Firing head for furnaces. 2,835,322, 5-20-58, Cl. 158-28.
- Vigon, Inc.: *See*—
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- Vigor, Charles W., to General Motors Corp. Surface hardening of titanium. 2,858,600, 11-4-58, Cl. 29-198.
- Viguers, Ernest J., and R. S. Work, to Lansdowne Steel & Iron Co. System for control of electromagnetically energized brakes and clutches. 2,828,846, 4-1-58, Cl. 192-129.
- Vihon, Edward S. Wallets. 2,858,870, 11-4-58, Cl. 150-35.
- Viking Forge & Steel Co.: *See*—
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- Viking Tool and Die Co.: *See*—
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Schober, Wayne E. 2,830,301.
- Viktorsson, Harry: *See*—
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- Viland, Clare K., to Tidewater Oil Co. Catalytic cracking. 2,844,520, 7-22-58, Cl. 196-50.
- Villard, Frank: *See*—
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- Vilella, Mario: *See*—
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- Viles, Prentiss S., to Esso Research and Engineering Co. Method of removing organic peroxides from alkali hypochlorite treating system. 2,863,828, 12-9-58, Cl. 208-190.
- Villamosipari Kozponiti Kutató Laboratorium: *See*—
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- Villani, Antonio, to Draper Corp. Shuttle and threading block. 2,835,278, 5-20-58, Cl. 139-223.
- Villani, Frank: *See*—
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- Villani, Frank J., and N. Sperber, to Schering Corp. Substituted pyrrolidines. 2,852,526, 9-16-58, Cl. 260-313.
- Villanueva, Juan T. Gas producing apparatus. 2,857,257, 10-21-58, Cl. 48-76.
- Villar, Luis F., to Servo Corp. of America. Automatic spring-pressure limiting device. 2,850,274, 9-2-58, Cl. 267-1.
- Villard, Marcel. Universal joints. 2,861,438, 11-25-58, Cl. 64-21.
- Villars, Julio. Lifting device. 2,843,222, 7-15-58, Cl. 187-8.41.
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- Villa Torre, Alfonso. Bed assembly. Re. 24,578, 12-16-58, Cl. 5-8.
- Ville, Jean A., to Societe Alsacienne de Constructions Mecaniques. Pulse transmission telecommunication systems. 2,833,856, 5-6-58, Cl. 178-43.5.
- Villefroy, Jacques A., and W. R. Saxton, to Canadian International Paper Co. Depolymerization of cellulose in alkaline medium. 2,841,579, 7-1-58, Cl. 260-233.
- Villemeux, Lucien, to Societe Industrielle des Derives de l'Acetylene (S. I. D. A.). Method of manufacture of amines. 2,848,495, 8-19-58, Cl. 260-585.
- Villepigue, Julius G.: *See*—
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- Villiers-Fisher, John F.: *See*—
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- Villmann, Walter, to Siemens & Halske Akt. Automatic telephone system. 2,861,131, 11-18-58, Cl. 179-90.
- Villoresi, Camillo, to Societa per Azioni Fabbriche Fiammiferi Ed Affini. Elastic packing paper and method of making same. 2,826,239, 3-31-58, Cl. 154-33.05.
- Vilpou, Ulysse A. Orthopaedic apparatus. 2,858,827, 11-4-58, Cl. 128-78.

- Vilter Mfg. Co., The: *See*—
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- Vilutis, Leonard J., to Quatrum Corp. Production of bags. 2,837,979, 6-10-58, Cl. 93-27.
- Vince, Laurence F. Rotating disc game device. 2,831,691, 4-22-58, Cl. 273-142.
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- Vincent, Andrew W. Electromagnets. 2,847,620, 8-12-58, Cl. 317-189.
- Vincent, Bertram J. Apparatus for boring fishing holes in ice. 2,860,855, 11-18-58, Cl. 255-61.
- Vincent, Charles R. Hitch-means for vehicle-drawn implements. 2,859,677, 11-11-58, Cl. 97-47.54.
- Vincent, Daniel B., to P. E. Edrington. Process of evaporating moisture from syrup-forming solutions. 2,818,917, 1-7-58, Cl. 159-48.
- Vincent, George C.: *See*—
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- Vincent, George C., to Imperial Chemical Industries Ltd. Production of skeletal glass catalysts. 2,834,738, 5-13-58, Cl. 252-432.
- Vincent, George C., to Imperial Chemical Industries Ltd. Production of catalysts containing vanadium. 2,863,838, 12-9-58, Cl. 252-432.
- Vincent, Harvard B.: *See*—
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- Vincent, Harvard B., to Owens-Illinois Glass Co. Mounting for color-control elements in cathode-ray tubes. 2,823,328, 2-11-58, Cl. 313-64.
- Vincent, Harvard B., to Owens-Illinois Glass Co. Laminated joint for cathode-ray tube envelope and method of sealing. 2,837,235, 6-3-58, Cl. 220-2.3.
- Vincent, Harvard B., to Owens-Illinois Glass Co. Glass building block having light-directing properties. 2,844,998, 7-29-58, Cl. 88-60.
- Vincent, Harvard B., to Owens-Illinois Glass Co. Forming glass articles. 2,853,834, 9-30-58, Cl. 49-29.
- Vincent, Harvard B., to Owens-Illinois Glass Co. Apparatus for sealing picture tubes. 2,861,392, 11-25-58, Cl. 49-1.
- Vincent, Harvard B., and M. McDavitt, to Owens-Illinois Glass Co. Method of forming a unitary panel of glass blocks. 2,835,623, 5-20-58, Cl. 154-118.
- Vincent, Kenneth C., to National Lead Co. Flotation of barite. 2,834,463, 5-13-58, Cl. 209-166.
- Vincent, Renie P.: *See*—
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- Vincent, Renie P., to Pan American Petroleum Corp. Apparatus for pumping wells. Re. 24,497, 7-1-58, Cl. 103-52.
- Vincent, Renie P., to Pan American Petroleum Corp. Well packer. 2,830,540, 4-15-58, Cl. 103-52.
- Vincent, Renie P., to Pan American Petroleum Corp. Free piston seal. 2,850,339, 9-2-58, Cl. 309-4.
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- Vincent, William R.: *See*—
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- Vinding, Jorgen P., to Monogram Precision Industries, Inc. Polarity reversing circuit. 2,851,543, 9-9-58, Cl. 179-171.
- Vine, Allyn C., J. F. Holmes, and W. C. Rutledge, to United States of America, Navy. Buoyancy recorder. 2,845,221, 7-29-58, Cl. 235-61.
- Vine, Benjamin H., to Radio Corp. of America. Means for obtaining a uniform evaporated deposit. 2,818,831, 1-7-58, Cl. 118-49.
- Vineberg, Arthur, to Vineberg Heart Foundation. Cardiac resuscitation device. 2,826,193, 3-11-58, Cl. 128-38.
- Vineberg Heart Foundation: *See*—
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- Vineland Chemical Co.: *See*—
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- Vines, Lemuel R. Support bracket for walers in concrete forms. 2,819,861, 1-14-58, Cl. 248-216.
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- Vines, Oscar L., to Alford Cartons. Carton. 2,827,221, 3-18-58, Cl. 229-39.
- Vines, Oscar L., to Continental Paper Co. Dispensing carton for paper cups. 2,861,717, 11-25-58, Cl. 221-63.
- Vines, Oscar L., and R. A. Hackenberg, to Continental Paper Co. Carton. 2,858,013, 10-28-58, Cl. 206-45.31.
- Vink, Hendrik J.: *See*—
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- Vinoff, Ivan: *See*—
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- Vinson, William D., and J. F. Jacoby, to General Electric Co. Heating and temperature sensitive control wire. 2,863,035, 12-2-58, Cl. 201-63.
- Vinsonhaler, Russell, D. W. Bates, and G. O. Black, to the United States of America as represented by the Secretary of the Interior. Fish diversion louver system. 2,826,897, 3-18-58, Cl. 61-21.
- Vinton, Charles. Film drive mechanisms in high speed cameras. 2,849,914, 9-2-58, Cl. 88-18.3.
- Vinton, Charles A.: *See*—
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- Viola, Alfred, H. Fleischacker, G. F. Woods, and N. C. Bolgiano. Methods of preparation of cyclohexadienes. 2,836,629, 5-27-58, Cl. 260-666.
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- Viola, Paolo A. Clothesline tightener. 2,854,718, 10-7-58, Cl. 24-126.
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- Virbila, William C., to The Bristol Co. Controlling and exhibiting apparatus. 2,852,197, 9-16-58, Cl. 236-82.
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- Viret, Andre P., to Bendix Aviation Corp. Indicating apparatus. 2,837,053, 6-3-58, Cl. 116-129.
- Virginia-Carolina Chemical Corp.: *See*—
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- Viscardi, John. Rotary web printing device with hollow printing cylinders. 2,841,080, 7-1-58, Cl. 101-178.
- Vischer, Alfred, Jr., to Vischer Products Co. Closure and method of making same. 2,828,045, 3-25-58, Cl. 220-25.
- Vischer, Ernst: *See*—
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- VISIRECORD, Inc.: *See*—
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- Visos, Charles D., to Knapp-Monarch Co. Coffee maker and switch therefor. 2,839,661, 6-17-58, Cl. 219-44.
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- Visseaux, J., S. A.: *See*—
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- Vissing, Royal A. Lens covers. 2,849,795, 9-2-58, Cl. 33-50.
- Vistain, James E., Jr., and W. C. Johnson, to Admiral Corp. Tuning indicator. 2,823,639, 2-18-58, Cl. 116-124.4.
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- Viszlocky, Nicholas and S. Display devices. 2,846,799, 8-12-58, Cl. 40-130.
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- Vitarina Co. Inc. The: *See*—
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- Vitha, Franz A., and C. Ziekman, to North American Phillips Co., Inc. Monitoring device in carrier-wave telephone transmissions. 2,851,529, 9-9-58, Cl. 179-2.5.
- Vito, Nicholas J., and A. J. Galasso. Railway track aligning device. 2,861,521, 11-25-58, Cl. 104-8.

- Vitoux, Paul, to Societe dite: Comptoir Linter. Packaging devices. 2,841,306, 7-1-58, Cl. 220-47.
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- Vits, Hilmar, to Vits-Elektro G. m. b. H. Apparatus for mounting fabric edge on needle chain. 2,831,234, 4-22-58, Cl. 26-57.
- Vitt, George G., Jr., to The Lionel Corp. Electromechanical control systems. 2,842,774, 7-15-58, Cl. 3-1.1.
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- Vixler, Leslie F., and R. C. Weast. Method and means for filtering gas. 2,821,261, 1-28-58, Cl. 183-45.
- Vizdos, Edward S. Vehicle washer. 2,830,311, 4-15-58, Cl. 15-21.
- Vlannes, Peppino N., S. W. Strauss, and B. F. Brown. Cadmium electroplating. 2,862,860, 12-2-58, Cl. 204-50.
- Vlier Engineering Corp.: See—
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- Vitavsky, Milan. Hydraulic control device for resistance seam-welding machines. 2,824,949, 2-25-58, Cl. 219-81.
- Vitavsky, Milan, to CKD Ceska Lipa Narodni podnik. Valve means and control therefor for fluid motors. 2,843,093, 7-15-58, Cl. 121-46.5.
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- Vodonik, Joseph L., to E. I. du Pont de Nemours and Co. Continuous ester interchange process. 2,829,153, 4-1-58, Cl. 260-470.
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- Voegeli, Marvin M., and R. H. Harper, to Swift & Co. Process of manufacturing liver sausage. 2,860,992, 11-18-58, Cl. 99-109.
- Voegelin, Heinrich, to Buser Fritz Maschinen- und Apparatebau. Fabric spreading roller. 2,839,813, 6-24-58, Cl. 26-64.
- Voegtli, Walter, to G. D. Searle & Co. Basic esters of 9-pyrid (3,4-b) indole alkanolic acid. 2,850,501, 9-2-58, Cl. 260-294.9.
- Voegtli, Walter, to G. D. Searle & Co. Amidines of the indole series. 2,855,398, 10-7-58, Cl. 260-288.
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- Voelkel, Hans J., and R. Ehrmann. Traction increasing assembly for vehicle tires. 2,841,199, 7-1-58, Cl. 152-208.
- Voelker, Edward M.: See—
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- Voelker, Henry J. Pie shell package. 2,829,057, 4-1-58, Cl. 99-172.
- Voelker, Jane E. and E. M., and J. W. Sabbagh, to Inventors Enterprises, Inc. Adjustable chair. 2,857,954, 10-28-58, Cl. 155-106.
- Voelz, Gordon J., to Olin Mathieson Chemical Corp. Checking machine. 2,850,060, 9-2-58, Cl. 144-136.
- Voge, Hervey H., and L. T. Atkins, to Shell Development Co. Copper-containing catalysts and process of producing aldehydes. 2,847,475, 8-12-58, Cl. 260-604.
- Vogel, Alvin R.: See—
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- Vogel, Charles A., and M. Sawicki, to Harry Sussman, and Stanley Rosenberg. Speed changer for magnetic tape recorder. 2,865,632, 12-23-58, Cl. 271-2.3.
- Vogel, Edward H., Jr., to Organic Chemical Corp. Non-gushing carbonated beverages and process for preparing the same. 2,838,399, 6-10-58, Cl. 99-48.
- Vogel, Fred J., and J. L. Moon, to Allis-Chalmers Mfg. Co. Tapped winding arrangement for variable ratio transformer. 2,840,790, 6-24-58, Cl. 336-150.
- Vogel, George M. Measuring device. 2,835,041, 5-20-58, Cl. 33-172.
- Vogel, Henry A.: See—
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- Vogel, Paul W., to The Lubrizol Corp. Preparation of organic phosphorothioic halides. 2,822,374, 2-4-58, Cl. 260-461.
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- Vogel, Vernon H., and F. J. Biltz, to United States of America, Air Force. Automatic tuning and loading coupling network for a complex load. 2,838,658, 6-10-58, Cl. 250-17.
- Vogel, William J., to Combustion Engineering, Inc. Dual furnace with pressure equalizing means. 2,821,965, 2-4-58, Cl. 122-240.
- Vogel, William K.: See—
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Vogel, William K., and M. C., to The Ven Corp. Tail gate lift for a vehicle. 2,820,554, 1-21-58, Cl. 214-77.
- Vogeley, Clyde E., Jr., and T. Miller, to the United States of America as represented by the Secretary of the Navy. Automatic radar tracking system. 2,821,701, 1-28-58, Cl. 343-7.4.
- Vogeley, Clyde E., Jr., and T. A. Osial, to Westinghouse Electric Corp. Ridged waveguide hybrid ring circuit. 2,836,799, 5-27-58, Cl. 333-11.
- Vogelman, Joseph H. High power transmission line filters. 2,859,418, 11-4-58, Cl. 333-73.
- Vogelsang, Hedwig. Suspender. 2,857,645, 10-28-58, Cl. 24-245.
- Vogelsong, James H., to Bell Telephone Laboratories, Inc. Regenerative transistor amplifiers. 2,835,828, 5-20-58, Cl. 307-88.5.
- Vogelsong, James H., to Bell Telephone Laboratories, Inc. Nonlinear terminations for delay lines. 2,850,703, 9-2-58, Cl. 333-31.
- Vogl, Hugh W. Automatic device for the manufacture of parcel carriers. 2,860,553, 11-18-58, Cl. 93-1.
- Vogler, Hans, to Sulzer Freres, Societe Anonyme. System for starting forced flow steam generators including a plurality of resuperheaters. 2,844,004, 7-22-58, Cl. 60-73.
- Vogler, Karl, to Hoffmann-La Roche Inc. Polysulfuric acid esters of N-formyl chitosan. 2,831,851, 4-22-58, Cl. 260-211.
- Vogler, Seymour: See—
Shor, Roberta S., and Vogler. 2,820,692.
- Vogt, Albert F., to Northern Engineering Works. Eddy-current brake for hoists and the like. 2,846,631, 8-5-58, Cl. 318-209.
- Vogt, Alois: See—
Auwärter, Max, and Winkler. 2,826,353.
- Vogt, Clarence W. Method for slitting tapes and displacing adhesive. 2,822,286, 2-4-58, Cl. 117-4.
- Vogt, Clarence W. Method of and apparatus for wrapping soft substances. 2,823,499, 2-18-58, Cl. 53-14.
- Vogt, Clarence W. Desk type tape holder and dispenser. 2,823,750, 2-18-58, Cl. 164-84.51.
- Vogt, Clarence W. Tape holder and dispenser. 2,839,139, 6-17-58, Cl. 164-84.5.
- Vogt, Clarence W. Tape dispenser. 2,839,140, 6-17-58, Cl. 164-84.5.
- Vogt, Clarence W. Tape dispensing and cutting device. 2,842,201, 7-8-58, Cl. 164-84.5.
- Vogt, Clarence W. Wrappers. 2,845,215, 7-29-58, Cl. 229-87.
- Vogt, Clarence W. Apparatus for and method of combining enwrappings. 2,854,898, 10-7-58, Cl. 93-1.
- Vogt, Hans. Apparatus for producing porous sintered strip stock. 2,832,583, 4-29-58, Cl. 266-2.5.
- Vogt, Hans. Process for the production of electrodes for electro-chemical purposes. 2,836,641, 5-27-58, Cl. 136-20.
- Vogt, Jakob: See—
Langen, Viktor, Latzen, Vogt, and Ortheil. 2,861,827.
- Vogt, Kurt: See—
Huber, Hans, and Vogt. 2,852,392.
- Vogt, Leon O., to Lyon Metal Products, Inc. Locker handle. 2,821,425, 1-28-58, Cl. 292-336.3.
- Vogt, Theodore B. H. Magnetized angle measuring levels. 2,836,900, 6-3-58, Cl. 33-212.

- Vogt, William A., to Henry J. Kaiser Co. Method and metallurgical device for the refining of steel. 2,829,960, 4-8-58, Cl. 75-60.
- Vogt, William A., to Henry J. Kaiser Co. Method of refining molten metal with oxygen containing gas. 2,855,292, 10-7-58, Cl. 75-60.
- Voigt, Hans: *See—*
Haack, Erich, Stoeck, and Voigt. 2,842,567.
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- Voigt, Hellmut R. Rotary power machine. 2,818,839, 1-7-58, Cl. 123-14.
- Voigt, Johnston S.: *See—*
Kishline, Floyd F., Voigt, and Hedstrom. 2,842,063.
- Voigt, Wilfried, to Lonza-Werke Elektrochemisch Fabriken G. m. b. H. Method and apparatus for dividing thermoplastic bodies. 2,862,231, 12-2-58, Cl. 18-1.
- Voigtlander Aktiengesellschaft: *See—*
Lachmann, Günter. 2,854,906.
Meixner, Alfred, and Grashoff. 2,865,273.
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Papke, Friedrich. 2,845,756.
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Reiche, Willi, and Faulhaber. 2,831,413.
- Volland, Eugene E., to United States of America, Atomic Energy Commission. Separation of uranium from zirconium and niobium by solvent extraction. 2,833,616, 5-6-58, Cl. 23-14.5.
- Voith, J. M. G. m. b. H.: *See—*
Müller, Helmut. 2,823,849.
- Voith, J. M. G. m. b. H., Maschinenfabrik: *See—*
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Hub, Wilhelm. 2,850,104.
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- Vokes Ltd.: *See—*
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Umney, Laurie E. R. 2,822,923.
- Voland and Sons, Inc.: *See—*
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- Volberg, Frank M., and M. D. Martin, to Eastman Kodak Co. Powder precipitation of cellulose esters of fatty acids of 3-4 carbon atoms. 2,824,098, 2-18-58, Cl. 260-230.
- Volberg, Frank M., and M. D. Martin, to Eastman Kodak Co. Washing of cellulose esters in treated sodium zeolite water. 2,852,509, 9-16-58, Cl. 260-230.
- Volcher, Roger, to Forzag Akt. Carburetor. 2,836,403, 5-27-58, Cl. 261-18.
- Volckening, Lloyd I., J. R. O'Meara, and F. J. Lefebvre, to Ivers-Lee Co. Covered package with initially sealed but releasable tuck closure flap. 2,823,798, 2-18-58, Cl. 206-65.
- Volckening, Lloyd I., and F. J. Lefebvre, to Ivers-Lee Co. Package and a display stand therefor. 2,840,235, 6-24-58, Cl. 206-79.
- Volf, Charles, and G. Savard, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Electric arc welding. 2,849,593, 8-26-58, Cl. 219-146.
- Vollanik, Nicolas: *See—*
Blanc, Georges, and Volianik. 2,853,376.
- Volk, Hans: *See—*
Boedecker, Friedrich, and Volk. 2,853,511.
Heymons, Albrecht, Volk, and Gansau. 2,830,995.
- Volker, Ulrich, to A. G. Elster & Co. Pressure regulators for gas meters. 2,826,214, 3-11-58, Cl. 137-454.6.
- Volkers, Hendrik: *See—*
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- Volkers, Hendrik, to North American Philips Co., Inc. Transistor pulse generator circuit. 2,846,581, 8-5-58, Cl. 250-36.
- Volkers, Hendrik, and G. Rosier, to North American Philips Co., Inc. Transistor amplifier. 2,835,750, 5-20-58, Cl. 179-171.
- Volkert, William F. Jr.: *See—*
Finnerty, Joseph N., and Volkert. 2,838,860.
- Volksdorf, Hans: *See—*
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- Volkswagenwerk G. m. b. H.: *See—*
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- Voll, Siegfried: *See—*
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- Vollenweider, Max H.: *See—*
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- Vollmann, Heinrich: *See—*
Bienert, Berthold, Baumann, and Vollmann. 2,824,109.
- Volmars, John J. Line copyholder. 2,832,315, 4-29-58, Cl. 120-32.
- Vollmer, Friederich: *See—*
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- Vollmer, Gilbert J. Metal balling machines. 2,844,184, 7-22-58, Cl. 153-10.5.
- Vollmer, Harry J. Pipe and fitting support for welding. 2,854,941, 10-7-58, Cl. 113-102.
- Vollmer, Heinrich. Saw sharpening machine. 2,835,146, 5-20-58, Cl. 76-41.
- Vollmer, Joseph G., Sr., to Tast-Y Sun-D Inc. Machine for making filled ice cream bars. 2,855,868, 10-14-58, Cl. 107-8.
- Vollmer-Werke Maschinenfabrik Gesellschaft mit Beschränkter Haftung: *See—*
Kaiser, Richard. 2,865,234.
- Vollrath, Harry C., Jr., and R. E. Comer; said Vollrath assor. to said Comer. Innersole lining for shoes. 2,865,097, 12-23-58, Cl. 30-43.
- Vollrath, Richard, to Victor Balata & Textile Belting Co. Corrugator double-backer blanket. 2,865,408, 12-23-58, Cl. 139-408.
- Vollten, Theodore F. Fishing accessory. 2,864,199, 12-16-58, Cl. 43-43.11.
- Volpe, Daniel J. Toy piano. 2,837,004, 6-3-58, Cl. 84-404.
- Volpin, Alexander S. Swing gate valve. 2,842,153, 7-8-58, Cl. 137-246.12.
- Volturna, Rose. Safety dress hanger. 2,849,169, 8-26-58, Cl. 223-92.
- Voltz, Jacques: *See—*
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Bossard, Werner, Voltz, and Favre. 2,864,813.
- Volunter Portland Cement Co.: *See—*
Whitmore, Emmett S. 2,861,604.
- Volz Concrete Materials Co.: *See—*
Gittins, William G. 2,842,826.
- Vomacka, Donald R. Valve system for water softeners. 2,845,092, 7-29-58, Cl. 137-633.
- Von Norden, Willy. Toy building construction and forms. 2,819,510, 1-14-58, Cl. 25-121.
- Von Ardenne, Manfred. Arrangement for glow discharge tubes. 2,826,709, 3-11-58, Cl. 313-7.
- Von Ardenne, Manfred, to VEB Vakutronik Dresden. Electron-optical instruments. 2,851,611, 9-9-58, Cl. 250-49.5.
- Von Arx, P. & Co., A.-G.: *See—*
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Von Arx, Paul. 2,865,321.
- Von Arx, Paul, to P. von Arx & Co., A.-G. Machine for simultaneous treatment of the inside and outside surfaces of metal tubes. 2,838,778, 6-17-58, Cl. 15-104.03.
- Von Arx, Paul, to P. von Arx & Co., A.-G. Device for metal coating pipelines, particularly pipelines of power stations. 2,865,321, 12-23-58, Cl. 118-306.
- Von Basel, Carl, to North American Philips Co., Inc. Measuring device. 2,864,997, 12-16-58, Cl. 324-34.
- Von Bergen, Edward P., to International Standard Electric Corp. Apparatus for coating stranded conductors for electric cables. 2,863,171, 12-9-58, Cl. 18-13.
- Von Bichowsky, Foord. Process for electrowinning titanium or its congeners. 2,820,745, 1-21-58, Cl. 204-14.
- Von Bichowsky, Foord. Process for electrowinning zirconium and hafnium. 2,820,748, 1-21-58, Cl. 204-59.
- Von Bichowsky Foord. Process for reducing niobium oxides to metallic state. 2,861,882, 11-25-58, Cl. 75-84.
- Von Bogdandy, Ludwig A., to Hüttenwerk Oberhausen Akt. Method of and device for pre-refining highly carburized metallic melts. 2,856,280, 10-14-58, Cl. 75-60.
- Von Brudersdorff, Luis. Solar energy operated heaters. 2,859,745, 11-11-58, Cl. 126-270.
- Von Capeller, Rudolf, to Ciba Ltd. New disazo-dyestuffs. 2,826,574, 3-11-58, Cl. 260-175.
- Von Culin, Raymond P., to Seal-Spout Corp. Container and pouring spout. 2,832,516, 4-29-58, Cl. 222-531.
- Von Doenhoff, Carl: *See—*
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- Vonderhaar, Arthur W.: *See—*
Scott, William F., and Vonderhaar. 2,854,297.
- Von der Hellen, Harold H. Bracket for sliding table top. 2,837,390, 6-3-58, Cl. 311-35.
- Von der Hellen, Harold H. Symbol corresponding device for children. 2,862,309, 12-2-58, Cl. 35-35.
- Von Dorp, Walter: *See—*
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- Von Edesky, Joseph J.: *See—*
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- Von Ehr, Jack C., to Craft Way, Inc. Cabinet beds. 2,835,904, 5-27-58, Cl. 5-138.
- Von Engelhardt, Wolf, E. Trommsdorff, and W. Tunn, 1/2 to Rohm & Haas G. m. b. H., and 1/2 to Gewerkschaft Elwerath. Process for increasing the yield of oil upon the flooding with water of oil deposits. 2,842,492, 7-8-58, Cl. 252-5.55.
- Von Freyhold, Helmut, to Philadelphia Quartz Co. Waterproof coatings and adhesives. 2,827,384, 3-18-58, Cl. 106-74.
- Von Fuener, Wilhelm: *See—*
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- Von Gaa, Karl H., to Continental Can Co., Inc. Folding paperboard carrier. 2,857,077, 10-21-58, Cl. 220-103.
- Von Glahn, William H., and B. Rudner, to General Aniline & Film Corp. Blowing agents. 2,828,298, 3-25-58, Cl. 260-140.
- Von Glahn, William H., and B. Rudner, to General Aniline & Film Corp. Blowing agents. 2,828,299, 3-25-58, Cl. 260-140.
- Von Glahn, William H., and B. Rudner, to General Aniline & Film Corp. Blowing agents. 2,828,300, 3-25-58, Cl. 260-140.
- Von Glahn, William H., and L. N. Stanley, to General Aniline & Film Corp. Method of preparing 2,2'-dihydroxy-4,4'-dialkoxybenzophenones. 2,853,523, 9-23-58, Cl. 260-591.
- Von Glahn, William H., and L. N. Stanley, to General Aniline & Film Corp. Method of preparing 2-hydroxy-4-alkoxybenzophenones. 2,861,104, 11-18-58, Cl. 260-591.
- Von Gugelberg, Andreas U., and M. H. Vollenweider, to Elesta Ltd., Electronic Control Apparatus, (also known as A. G. Elesta Elektronische Steuer-Apparate). Regulating apparatus. 2,826,723, 3-11-58, Cl. 317-142.

- Von Gunten, Leo J.: *See*—
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- Von Heidenstam, Erik J. Improvements in methods for jointing units of concrete. 2,825,957, 3-11-58, Cl. 25—154.
- Von Hofe, George W., to New Jersey Machine Corp. Method and apparatus for attaching articles composed of thermo-activatable material. 2,849,933, 9-2-58, Cl. 93—56.
- Von Kohorn, Ralph S. Apparatus for the production of artificial cellulose sponge. 2,827,661, 3-25-58, Cl. 18—12.
- Von Knauf, Harry P. Feeding devices for soldering irons. 2,821,947, 2-4-58, Cl. 113—109.
- Von Kutepow, Nikolaus: *See*—
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- Von Linde, Robert. Gas separating plant. 2,843,217, 7-15-58, Cl. 183—34.
- Von Linde, Robert, and W. Baier, to Wilhelm Baier, K. G. Arrangement for feeding and burning liquid fuel. 2,864,439, 12-16-58, Cl. 158—5.
- Von Linde, Robert, and R. Friedl, to Wilhelm Baier, K. G. Combined set for producing heat and electric energy. 2,864,960, 12-16-58, Cl. 290—2.
- Von Lossnitzer, Otto H., to United States of America, Army. Cam control over extractor. 2,857,700, 10-28-58, Cl. 42—68.
- Vonnegut Hardware Co., The: *See*—
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- Von Radics, Max, and W. Bookwalter: *See*—
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- Von Ranson, Josef, to Kollsman Instrument Corp. Variable cam and tracking mechanism. 2,826,082, 3-11-58, Cl. 74—63.
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- Von Roll, L. A. G.: *See*—
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- Von Rosenberg, Edgar L.: *See*—
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- Von Rosenberg, Guido: *See*—
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- Von Rosenberg, Hilmer C. Viscosimeter. 2,828,621, 4-1-58, Cl. 73—59.
- Von Rucker, Nikolaus, to Studebaker-Packard Corp. Transmission control system. 2,839,944, 6-24-58, Cl. 74—472.
- Von Sneidern, Arne A. Sizing plant for lumber. 2,863,573, 12-9-58, Cl. 214—11.
- Von Swietochowski, Olivier. Cyclone furnace. 2,855,873, 10-14-58, Cl. 110—28.
- Von Tarnik, Mladen. Retractable plug or thread gauge. 2,861,347, 11-25-58, Cl. 33—178.
- Von Tesmar, Charles H.: *See*—
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- Von Thüngen, Hubert F., to Zahnradfabrik Friedrichshafen. Steering arrangement for motor vehicles with application of an auxiliary power device. 2,855,789, 10-14-58, Cl. 74—388.
- Von Wehrden, Carl F. Magneto-differential take-up mechanism. 2,826,375, 3-11-58, Cl. 242—75.51.
- Von Welser, Sigmund: *See*—
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- Von Wertaure, Marcel J. Coffee percolator. 2,844,088, 7-22-58, Cl. 99—292.
- Von Zborowski, Helmut P. G. A. R. Aircraft provided with spoilers. 2,822,996, 2-11-58, Cl. 244—52.
- Voorhees, Howard J.: *See*—
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- Voorhees, Vanderveer: *See*—
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- Voorhees, Vanderveer. Oil seal. 2,819,106, 1-7-58, Cl. 288—3.
- Voorheis, Temple S. Flame retention means for gas burners. 2,834,405, 5-13-58, Cl. 158—7.
- Voorheis, Temple S. Forced air draft burner construction. 2,838,103, 6-12-58, Cl. 158—11.
- Voorhies, Alexis, Jr., to Esso Research and Engineering Co. Process for upgrading residua. 2,862,870, 12-2-58, Cl. 208—56.
- Voorhies, Alexis, Jr., and R. C. Morbeck, to Esso Research and Engineering Co. Hydroforming process. 2,842,482, 7-8-58, Cl. 196—50.
- Voorhies, Alexis, Jr., and E. W. S. Nicholson, to Esso Research and Engineering Co. Fluid coking process. 2,849,384, 8-26-58, Cl. 196—55.
- Voorhorst, Johan: *See*—
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- Vordahl, Milton B., to Rem-Cru Titanium, Inc. Thermo-setting metal alloys and production thereof. 2,837,425, 6-3-58, Cl. 75—175.5.
- Vordahl, Milton B., to Crucible Steel Co. of America. Titanium base alloy and method of processing same. 2,857,269, 10-21-58, Cl. 75—175.5.
- Vore, Gordon C., to Aquamatic Inc. Valve operating mechanism. 2,857,964, 10-28-58, Cl. 161—7.
- Vore, Milton P.: *See*—
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- Voris, Robert S., to Hercules Powder Co. Preparation of finely-divided cellulose derivatives. 2,843,582, 7-15-58, Cl. 260—223.
- Voris, Robert S., to Hercules Powder Co. Preparation of finely-divided cellulose derivative compositions. 2,843,583, 7-15-58, Cl. 260—223.
- Vorkauf, Heinrich. Hot water boiler for forced circulation heating systems. 2,849,989, 9-2-58, Cl. 122—235.
- Vorwerk, Otto K.: *See*—
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- Vorwerk, Otto K., P. F. Hüttemann, and E. K. Schmücker, to Huttenwerk Rheinhausen Aktiengesellschaft. Device for use in connection with the pouring of fiery molten masses. 2,831,294, 4-22-58, Cl. 49—62.
- Vosbikian, Peter S., and T. S. Strand type mop with extracting mechanism. 2,820,232, 1-21-58, Cl. 15—119.
- Vosbikian, Peter S., and T. S. Mops with separate cleaning and extracting handles. 2,834,035, 5-13-58, Cl. 15—119.
- Vosbikian, Peter S., and T. S. Cleaning and polishing devices. 2,846,708, 8-12-58, Cl. 15—244.
- Vosbikian, Thomas S.: *See*—
Vosbikian, Peter S., and T. S. 2,820,232.
Vosbikian, Peter S., and T. S. 2,846,708.
Vosbikian, Peter S., and Vosbikian. 2,834,035.
- Vose, Fred C.: *See*—
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- Vose, Robert W., to Moore Drop Forging Co. Hold open door hinge. 2,856,629, 10-21-58, Cl. 16—143.
- Voss Belting & Specialty Co.: *See*—
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- Voss, Edward A., and M. Wesolowski, to Bendix Aviation Corp. Automatic solder feeding mechanism. 2,843,073, 7-15-58, Cl. 113—109.
- Voss, Elmer W. Treadle-operated automatic gate. 2,849,810, 9-2-58, Cl. 39—28.
- Voss, Harold E. Combination floor outlet box and floor plate extension. 2,847,140, 8-12-58, Cl. 220—3.3.
- Voss, Herman J. Block band saw mill. 2,850,053, 9-2-58, Cl. 143—17.
- Voss, La Verne R., and A. A. Vuylsteke, to General Motors Corp. Carburetor. 2,846,203, 8-5-58, Cl. 261—36.
- Voss, Marshall C.: *See*—
Babb, Jasper W., and Voss. 2,819,735.
- Voss, Otto J., and L. Willhoff, to St. Louis Diecasting Corp. Friction drive wheel. 2,836,982, 6-3-58, Cl. 74—214.
- Voss, Waldemar E., to L. Adams Ltd. Fluid pressure responsive unit. 2,823,543, 2-18-58, Cl. 73—411.
- Voss, Walter C. Money carrier. 2,847,743, 8-19-58, Cl. 24—81.
- Voss, William J.: *See*—
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- Vossberg, Carl A. Precision pulse power generator. 2,823,319, 2-11-58, Cl. 250—98.
- Vossberg, Carl A. Methods and apparatus for the casting and solidification of molten materials. 2,832,108, 4-29-58, Cl. 22—65.
- Vossen, Edward, to Stop-Motion Devices Corp. Rib hole-detector for revolving and stationary head rib knitting machines. 2,862,377, 12-2-58, Cl. 66—166.
- Voster, Reinhold: *See*—
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- Voster, Walter: *See*—
Schnell, Eugen. 2,846,232.
- Vöster, Walter, and C. Dietz, to Vereinigte Baubeschlag-Fabriken Gretsch & Co., G. m. b. H. Device for connecting a window sash with a window frame. 2,845,652, 8-5-58, Cl. 16—147.
- Votava, Clarence J., to General Motors Corp. Control system for signal seeking tuner. 2,851,605, 9-9-58, Cl. 250—40.
- Votoloto, Michael A. Bag. 2,833,460, 5-6-58, Cl. 229—53.
- Voumard, Bertrand: *See*—
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- Voumard, Bertrand. Shock-absorbing bearing. 2,827,758, 3-25-58, Cl. 53—140.
- Vowles, Philip J. Suction type bobbin stripper. 2,834,090, 5-13-58, Cl. 28—19.
- Voysey, Ronald G., to Peter Carmichael and Co. Ltd. Sheet transfer apparatus. 2,862,707, 12-2-58, Cl. 271—3.
- Voytech, Charles F., to Crane Packing Co. Control for air-operated motor. 2,825,353, 3-4-58, Cl. 137—36.
- Voza, Anthony, to Sperry Rand Corp. Indicator display. 2,843,845, 7-15-58, Cl. 340—278.
- Vradenburg, Robert, to Ward Leonard Electric Co. Dimming of fluorescent lamps. 2,829,314, 4-1-58, Cl. 315—200.
- Vradenburg, Robert, and J. J. Naviski, to Ward Leonard Electric Co. Variable transformer. 2,835,866, 5-20-58, Cl. 325—47.
- Vrana, Charles. Air inflated boxing gloves. 2,826,757, 3-18-58, Cl. 2—18.
- Vrana, Rudolf J. Cigarette sleeve. 2,823,679, 2-18-58, Cl. 131—174.
- Vranizan, John R.: *See*—
Harding, Elmer C., Plesko, and Vranizan. 2,862,295.
- Vrastil, Joseph F.: *See*—
Scheffter, Helmut K. H., Fromme, and Vrastil. 2,849,103.
- Vredenburg, Edric W., to St. Regis Paper Co. Apparatus for filling and closing bags. 2,853,842, 9-30-58, Cl. 53—384.
- Vredenburg-Inglesby, Julius C.: *See*—
Cookson, William. 2,865,312.
Fries, Gustav. 2,834,889.
Fries, Gustav. 2,839,601.
Fries, Gustav. 2,839,602.
- Vriens, Gerard N.: *See*—
Thelin, Jack H., and Vriens. 2,850,548.
- Vroman, Ernest C. Pruning saw. 2,851,775, 9-16-58, Cl. 30—166.
- Vroman, John C.: *See*—
Stockbarger, Kenton A., and Vroman. 2,859,872.

- Vroom, Edward: *See*—
Abbrecht, Richard L., and Vroom. 2,865,568.
Holden, William H. T., and Vroom. 2,847,508.
- Vroom, Harold B.: *See*—
Bliss, Harvey N., and Vroom. 2,833,477.
- Vroom, Harold B., to Veeder-Root Inc. Recorder. 2,840,312, 6-24-58, Cl. 235-94.
- Vuagnat, Gino: *See*—
Lacroix, Louis. 2,827,448.
- Vuilleminot, Robert P., to Maiden Form Brassiere Co., Inc. Display box. 2,832,465, 4-29-58, Cl. 206-7.
- Vuilleminot, Robert P., to Maiden Form Brassiere Co., Inc. Boxes adapted for display of apparel. 2,847,117, 8-12-58, Cl. 206-7.
- Vujaklia, Alexander: *See*—
Logan, John E., and Vujaklia. 2,820,003.
- Vulcan Corp.: *See*—
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Eden, Raymond B., and Maly. 2,828,783.
- Vulcan Tool Co., The: *See*—
Brehm, Charles M. 2,862,553.
- Vuytsteke, Arthur A.: *See*—
Voss, La Verne R., and Vuytsteke. 2,846,203.
- Vuytsteke, Arthur A., to General Motors Corp. Carburetor. 2,845,257, 7-29-58, Cl. 261-76.
- Vyverberg, Robert G., to The Haloid Co. Corona charging device. 2,836,725, 5-27-58, Cl. 250-49.5.
- Vyverberg, Robert G., to Haloid Xerox Inc. Increasing speed in xeroradiography. 2,856,535, 10-14-58, Cl. 250-65.
- Vyverberg, Robert G., and J. H. Neyhart, to The Haloid Co. Xerographic method. 2,863,767, 12-9-58, Cl. 96-1.
- Vyzkumný ústav svarovacích strojů a technologie svarování: *See*—
Duben, Zdenek. 2,832,880.
- Vyzkumný ústav tvarečích strojů a technologie tváření: *See*—
Deiss, Jaroslav, and Dvorak. 2,836,970.
Opietal, Robert. 2,819,737.
- W. Inc.: *See*—
Mengis, Albin J. 2,855,832.
- Waagner-Biro Aktiengesellschaft: *See*—
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Kemmetmüller, Roland. 2,818,935.
Kemmetmüller, Roland, and Rinesch. 2,831,762.
- Waarle, Godfried H.: *See*—
Unk, Jacob M., Vervest and Waarle. 2,824,637.
- Waas, Samuel M., to Manley, Inc. Hot dog grill assembly. 2,843,037, 7-15-58, Cl. 99-423.
- Waber, James W. Vehicle running gear. 2,862,578, 12-2-58, Cl. 188-18.
- Wachsmann, William P., to G. A. Gelbspan. Convertible furniture. 2,834,969, 5-20-58, Cl. 5-21.
- Wachsmuth, Erich A. Free-piston motor-compressors. Re. 24,522, 8-19-58, Cl. 230-56.
- Wachsmuth, Erich A. Starting and regulating apparatus for free-piston compressors. 2,841,322, 7-1-58, Cl. 230-9.
- Wachsmuth, Willi, to Korber, Kurt & Co. K. G. Cigarette transfer machine. 2,822,910, 2-11-58, Cl. 198-24.
- Wacht, Andrew J. Press. 2,865,208, 12-23-58, Cl. 74-25.
- Wacht, Andrew J. Toggle press. 2,865,285, 12-23-58, Cl. 100-272.
- Wacht, Frederick W.: *See*—
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- Wachtel, Louis W.: *See*—
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Magerlein, Barney J., Dale, and Wachtel. 2,841,599.
- Wachtell, George P., to the United States of America as represented by the Secretary of the Navy. Control circuit for a beacon transponder. 2,821,705, 1-28-58, Cl. 343-101.
- Wachtell, Richard L.: *See*—
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- Wachter, Karl-August, to O. H. Dräger. Bellows for ventilating shelters. 2,846,969, 8-12-58, Cl. 116-114.
- Wack, Floyd W.: *See*—
Zagray, Harold E., and Wack. 2,822,154.
- Wacker, Charles J.: *See*—
Herbst, Clarence L., and Wacker. 2,822,468.
- Wacker Chemie G. m. b. H.: *See*—
Ascherl, Alfons, Buttner, and Enk. 2,865,955.
Bauer, Hans, Heckmaier, and Reinecke. 2,835,643.
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- Wacker, Hermann and P. Driven hand-guided working devices for reciprocating movements. 2,845,050, 7-29-58, Cl. 123-7.
- Wacker, Peter: *See*—
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- Wackrow, Roger D.: *See*—
Perry, Claude A., and Wackrow. 2,818,669.
Perry, Claude A., and Wackrow. 2,820,313.
- Wad, John W., to Sears, Roebuck and Co. Latch for trouser creaser or the like. 2,848,247, 8-26-58, Cl. 287-58.
- Waddell Construction Co.: *See*—
Waddell, Joe D. 2,848,232.
- Waddell, Jacob W. Applicator-dispenser. 2,818,590, 1-7-58, Cl. 15-104.
- Waddell, Joe D., to Waddell Construction Co. Toy fishing apparatus. 2,848,232, 8-19-58, Cl. 273-1.
- Waddell, John, and H. F. Parker, to United Kingdom Atomic Energy. Dispensing apparatus for liquid. 2,847,041, 8-12-58, Cl. 141-91.
- Waddell, Robert L. Fully automatic electric iron. 2,833,903, 5-6-58, Cl. 219-25.
- Waddell, Russell B., Jr.: *See*—
Rothermel, Edward M., and Waddell. 2,822,857.
- Waddey, Walter E.: *See*—
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- Waddill, Paul M., to Phillips Petroleum Co. Binder composition and method of preparing same. 2,826,507, 3-11-58, Cl. 106-284.
- Waddington, Rogor S.: *See*—
Duval, Bruce E., and Waddington. 2,842,201.
- Waddle, James D. Trailer hitch. 2,853,317, 9-23-58, Cl. 280-511.
- Wade, Charles W., Jr. Automatic brake applicator for trailers. 2,846,030, 8-5-58, Cl. 188-112.
- Wade, Daniel M., to Borg-Warner Corp. One-way clutches. 2,832,450, 4-29-58, Cl. 192-45.1.
- Wade Electric Products Co.: *See*—
Long, Jasper. 2,829,423.
Long, Jasper. 2,840,650.
- Wade, Elmer C. Vaginal tampon. 2,845,071, 7-29-58, Cl. 128-285.
- Wade, Elmer J., to United States of America, Atomic Energy Commission. Pulse sorter. 2,845,530, 7-29-58, Cl. 250-27.
- Wade, Elmer J., to United States of America, Atomic Energy Commission. Neutronic reactor. 2,852,456, 9-16-58, Cl. 204-193.2.
- Wade, J. E.: *See*—
Danko, Michael. 2,840,319.
- Wade, Maurice R. Coffee maker. 2,858,762, 11-4-58, Cl. 99-287.
- Wade, Omer R. Mechanical scanner and cam transmission therefor. 2,849,710, 8-26-58, Cl. 343-763.
- Wade, Orval W. Apparatus for applying marks to a test specimen. 2,849,803, 9-2-58, Cl. 33-189.
- Wade, R. M., & Co.: *See*—
Cornelius, Gail. 2,860,007.
- Wade, Robert C., to National Distillers and Chemical Corp. Process for the preparation of titanium and zirconium subchlorides. 2,830,888, 4-15-58, Cl. 75-1.
- Wade, Robert E. Seed distributing shoe. 2,834,446, 5-13-58, Cl. 193-9.
- Wade, Robert H.: *See*—
Abdo, Roger J. 2,823,400.
Barnhart, William S., and Wade. 2,826,568.
Barnhart, William S., and Wade. 2,831,004.
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- Wade, Verna O.: *See*—
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- Wade, Wenger & Associates, Inc.: *See*—
Wuclak, Donald W., Wade, Barnhart. 2,824,897.
- Wade, Willard H., to L. C. Smith & Corona Typewriters, Inc. Power actuated typing mechanism for business machines. 2,830,688, 4-15-58, Cl. 197-17.
- Wadely, Harold E., to The Fifth Carpet Co., Inc. Luminous pile fabric floor covering. 2,838,762, 6-17-58, Cl. 2-278.
- Wadey, Walter G., to the United States of America as represented by the Secretary of the Navy. Pressure seal for radio-frequency transmission lines. 2,831,047, 4-15-58, Cl. 174-22.
- Wadhams, James B., to The Ohio Crankshaft Co. Oil-cooled transformer. 2,866,952, 12-30-58, Cl. 336-58.
- Wadleigh, Elbert R., to Win-Well Mfg. Co. Rotary selector valve. 2,840,109, 6-24-58, Cl. 137-625.11.
- Wadley, Edward F.: *See*—
Cornell, Hampton G., and Wadley. 2,843,531.
- Wadman, Walter V.: *See*—
Kridel, Donald J., Wadman, and Stampfli. 2,843,483.
- Wadman, William H.: *See*—
Mitchell, Reid L., Bampton, and Wadman. 2,847,411.
- Wadsworth, Donald E., to M. K. Wadsworth. Lawn and garden trimmer. 2,829,482, 4-8-58, Cl. 56-25.4.
- Wadsworth, Edward A., deceased (S. R. Wadsworth, executrix), and P. G. McKinley, said Wadsworth assor., to said McKinley. Joint for a wooden truss. 2,840,014, 6-24-58, Cl. 108-23.
- Wadsworth Electric Mfg. Co., Inc.: *See*—
Landmeier, Edwin W. 2,832,857.
Middendorf, William H. 2,844,689.
Middendorf, William H. 2,848,577.
- Wadsworth, Francis T.: *See*—
May, Paul D., Ridgway, and Wadsworth. 2,865,965.
- Wadsworth, Francis T., to The American Oil Co. Apparatus for metering small flows of liquids. 2,845,950, 8-5-58, Cl. 137-154.
- Wadsworth, James H. Wire twisting machine. 2,829,681, 4-8-58, Cl. 140-149.
- Wadsworth, M. K.: *See*—
Wadsworth, Donald E. 2,829,482.
- Wadsworth, Sanford I. Snow melting machine. 2,845,058, 7-29-58, Cl. 126-343.5.
- Wadsworth, Sanford I. Adjustable vehicular desk. 2,862,328, 12-2-58, Cl. 45-83.
- Wadsworth, Sylvia R.: *See*—
Wadsworth, Edward A., and McKinley. 2,840,014.
- Waechter, Harry J., to P. Benninghofen and F. B. Diesbach. Release mechanism for cash drawers. 2,836,353, 5-27-58, Cl. 235-22.
- Waenerlund, Torsten G. E.: *See*—
Fredriksson, Per S. E., Waenerlund, and Schölin. 2,833,110.

- Waenerlund, Torsten G. E., to Aktiebolaget Svenska Metallverken. Apparatus for surface treatment of elongated, relatively wide metal strips. 2,820,402, 1-21-58, Cl. 90-21.
- Waer, Robert L.: See—
- Solet, Ira S., and Waer. 2,837,207.
- Wafast Indicator Co.: See—
- Cook, Franklin W. 2,836,977.
- Waful, Charles C., to Spring Machinery Co. Spring coil feeding mechanism. 2,854,034, 9-30-58, Cl. 140-92.8.
- Waful, Charles C., to Spring Machinery Co. Helical wire end twister. 2,856,969, 10-21-58, Cl. 140-102.
- Wagemans, Henricus J. J., to Wagemans & Van Tuinen N. V. Knockdown chair. 2,850,656, 4-15-58, Cl. 155-191.
- Wagemans & Van Tuinen N. V.: See—
- Wagemans, Henricus J. J. 2,830,656.
- Wagenfeld, Gilbert B. Disposable headaddress unit. 2,827,637, 3-25-58, Cl. 2-209.3.
- Wagenfeld, Gilbert B. Adjustable headpiece. 2,856,608, 10-21-58, Cl. 2-197.
- Wagenhals, William S.: See—
- Harper, Philip S., and Wagenhals. 2,837,154.
- Wagenknecht, Otto E., to Zenith Radio Corp. Center-drop phonograph spindle. 2,832,600, 4-29-58, Cl. 274-10.
- Wagener, Kenneth E. Apparatus for jarring well pipe. 2,858,893, 11-4-58, Cl. 166-178.
- Wagener, Richard E.: See—
- Sadowsky, Meier and Wagener. 2,862,130.
- Waggoner, Jack H., to Owens-Corning Fiberglas Corp. Process for burning size from glass fabric and coating the resulting fabric. 2,845,364, 7-29-58, Cl. 117-46.
- Wagneck, William G., to Bendix Aviation Corp. Electrical disconnect plug. 2,848,572, 8-19-58, Cl. 200-50.
- Wagner, Adolph A., to R & B Wagner Inc. Pipe coupling having an internal expanding sleeve. 2,850,304, 9-2-58, Cl. 285-397.
- Wagner, Adolph A., and A. J. Werner, to Wagner Iron Works. Tractor attachment boom with laterally swingable end portion. 2,827,183, 3-18-58, Cl. 214-132.
- Wagner, Albert E., I. Miller, V. J. Nelson, and G. L. Peyton: said Nelson assor. to said Wagner, said Miller, and said Peyton. Drilling rig. 2,829,865, 4-8-58, Cl. 255-19.
- Wagner, Anton R., to Nyby Bruks AB. Method for the manufacture of gas-pure metals and alloys. 2,826,489, 3-11-58, Cl. 75-59.
- Wagner, Arthur F.: See—
- Holly, Frederick W., and Wagner. 2,853,497.
- Wagner, Arthur F., to Merck & Co., Inc. Processes for preparing lipoyl chloride. 2,820,799, 1-21-58, Cl. 260-327.
- Wagner, Arthur F., to Merck & Co., Inc. α -mercapto- γ -butyrolactones and their preparation. 2,842,558, 7-8-58, Cl. 260-343.6.
- Wagner, Arthur F., to Merck & Co., Inc. Substituted butyric acids and process for preparing the same. 2,842,587, 7-8-58, Cl. 260-481.
- Wagner, Arthur F., to Merck & Co., Inc. Process for preparing mercapto butyric acids. 2,842,590, 7-8-58, Cl. 260-520.
- Wagner, Bernard K. G. Prefabricated building construction. 2,850,771, 9-9-58, Cl. 20-2.
- Wagner, Charles W.: See—
- Morgan, Jack E., and Wagner. 2,842,457.
- Wagner, Clifton D.: See—
- Varese, John R., and Wagner. 2,824,432.
- Wagner, Curt, to G. Wagner. Shaft arrangement for weaving looms. 2,845,953, 8-5-58, Cl. 139-92.
- Wagner, David P., to Illinois Tool Works. Screw for pre-assembly with workpieces. 2,829,696, 4-8-58, Cl. 151-69.
- Wagner, De Laine P., and L. T. Wagner. Shoe protector. 2,852,867, 9-23-58, Cl. 36-72.
- Wagner, E. R. Mfg. Co.: See—
- Himes, John M. 2,859,979.
- Wagner, Eddie B., to Mixermobile Manufacturers, Inc. Loader. 2,835,897, 5-20-58, Cl. 214-140.
- Wagner, Edward E. Rotatable heat sealer. 2,855,977, 10-14-58, Cl. 154-42.
- Wagner, Edward W., and C. W. Stetter, to Continental Can Co., Inc. Overload release clutch. 2,866,325, 12-30-58, Cl. 64-29.
- Wagner Electric Corp.: See—
- Britt, Bryant L., and Potter. 2,825,449.
- Cruise, Oliver B. 2,826,212.
- Dueker, Stanley T. 2,864,461.
- Fites, Cyril B. 2,832,646.
- Fites, Cyril B. 2,859,763.
- Milster, Arthur N. 2,823,091.
- Okenfuss, Wilfred A. 2,831,913.
- Okenfuss, Wilfred A. 2,861,402.
- Schnell, Steve. 2,844,228.
- Schnell, Steve. 2,848,876.
- Schnell, Steve. 2,848,878.
- Schnell, Steve. 2,854,289.
- Wagner, Elmer A., to Wagner Tractor, Inc. Logging apparatus. 2,827,715, 3-25-58, Cl. 37-117.5.
- Wagner, Eric G., to International Business Machines Corp. Counter. 2,848,166, 8-19-58, Cl. 235-92.
- Wagner, Ernest E. Rotary device. 2,821,928, 2-4-58, Cl. 103-120.
- Wagner, Ernest E. Plate valve for rotary units. 2,845,941, 8-5-58, Cl. 137-246.12.
- Wagner, Ernest E. Control means for positive displacement rotary pumps and hydraulic motors. 2,853,022, 9-23-58, Cl. 103-120.
- Wagner, Ernst, and F. Endter, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process and apparatus for the production of carbon black. 2,829,951, 4-8-58, Cl. 23-209.6.
- Wagner, Ferdinand, and M. Sailer, to Agfa Akt. Electrical flashlight device with condenser ignition. 2,844,081, 7-22-58, Cl. 95-11.5.
- Wagner, Frank. Hand press with die bracing structure. 2,823,726, 2-18-58, Cl. 153-21.
- Wagner, Fred A.: See—
- Wagner, Frederick A. and Fred A. 2,844,053.
- Wagner, Fred J.: See—
- Trimble, Charles H., and Wagner. 2,828,125.
- Wagner, Fred J., and J. H. Ward, Jr., to Western Electric Co., Inc. Methods of encapsulating articles. 2,857,626, 10-28-58, Cl. 18-59.
- Wagner, Fredrick A.: See—
- Pierce, Albert D., and Wagner. 2,864,138.
- Wagner, Frederick A. and Fred A. Engine parts boring machine. 2,844,053, 7-22-58, Cl. 77-4.
- Wagner, George E., to The Sherwin-Williams Co. Single ring element container closure. 2,844,277, 7-22-58, Cl. 220-55.
- Wagner, George H.: See—
- Bailey, Donald L., Shafer, and Wagner. 2,834,648.
- Pines, Arthur N., and Wagner. 2,820,048.
- Pines, Arthur N., and Wagner. 2,849,472.
- Wallace, Eugene E. 2,822,891.
- Wagner, George H., and C. E. Erickson, to Union Carbide Corp. Process for preparing polysiloxanes. 2,844,435, 7-22-58, Cl. 23-14.
- Wagner, George H., and W. G. Whitehead, Jr., to Union Carbide Corp. Processes for the reaction of silanic hydrogen-bonded compounds with unsaturated hydrocarbons. 2,851,473, 9-9-58, Cl. 260-448.2.
- Wagner, George M.: See—
- Soule, Edward C., Burnett, and Wagner. 2,822,346.
- Wagner, Gertrud: See—
- Wagner, Curt. 2,845,953.
- Wagner, Gunther: See—
- Rommel, Theodor, and Behnke. 2,825,298.
- Wagner, H. A. Co.: See—
- Wagner, Herbert A. 2,836,894.
- Wagner, Hans M.: See—
- Hepher, Martin, and Wagner. 2,852,379.
- Wagner, Harold H., to Caterpillar Tractor Co. Emergency shutdown control for industrial engines. 2,854,964, 10-7-58, Cl. 123-198.
- Wagner, Henry A., P. Golar, and J. R. Kusa, to The E. F. Hauserman Co. Lead coating process and material. 2,842,461, 7-8-58, Cl. 117-130.
- Wagner, Herbert A., to H. A. Wagner Co. Optical tracking recording system. 2,836,894, 6-3-58, Cl. 33-46.
- Wagner, Herman B., to The Council of America, Inc. Mortar compositions. 2,820,713, 1-21-58, Cl. 106-93.
- Wagner, Herman B., to The Council of America, Inc. Pointing compound. 2,838,411, 6-10-58, Cl. 106-93.
- Wagner, Howard A.: See—
- Carlzen, Carl F., Lehner, and Wagner. 2,863,131.
- Wagner, Howard A., and P. E. Anderson, to Sylvania Electric Products Inc. Tube socket. 2,866,171, 12-23-58, Cl. 339-193.
- Wagner, Hubert, to Siemens-Reiniger-Werke Akt. Plate holder for X-ray films. 2,852,692, 9-16-58, Cl. 250-68.
- Wagner Iron Works: See—
- Wagner, Adolph A., and Werner. 2,827,183.
- Werner, Arnold J. 2,841,305.
- Wagner, Jan K.: See—
- Krupp, Robert F., and Wagner. 2,826,207.
- Krupp, Robert F., and Wagner. 2,865,490.
- Wagner, John H., to Ingersoll-Rand Co. Rock drill supporting carriage. 2,828,137, 3-25-58, Cl. 280-111.
- Wagner, John S., to Kimball Mfg. Corp. Ski binding. 2,823,207, Cl. 9-21.
- Wagner, John W.: See—
- Merz, Rudolf, and Wagner. 2,838,309.
- Wagner, Klausdieter, to Akt. für Feinmechanik vormals Jett & Scheerer. Dental impression tray. 2,848,811, 8-26-58, Cl. 32-19.
- Wagner, Kuno, and W. Grab, to Schenley Industries, Inc. Analgesic compositions. 2,855,342, 10-7-58, Cl. 167-65.
- Wagner, Kurt, to VEB Carl Zeiss Jena. Eyepiece for binocular instruments. 2,865,250, 12-23-58, Cl. 88-34.
- Wagner, Leo F., and M. N. Schreiber, 1/2 to I. J. Seigfried. Storage and sales package. 2,860,770, 11-18-58, Cl. 206-46.
- Wagner, Louis T.: See—
- Wagner, De Laine P., and L. T. 2,852,867.
- Wagner, Matthew. Casting apparatus. 2,861,306, 11-25-58, Cl. 22-151.
- Wagner, Otto J. Retractable boat carrier or trailer. 2,852,266, 9-16-58, Cl. 280-40.
- Wagner, Paul W., to Morris Bean and Co. Pattern and method of molding. 2,846,742, 8-12-58, Cl. 22-164.
- Wagner, R & B, Inc.: See—
- Wagner, Adolph A. 2,850,304.
- Wagner, Robert J., and E. P. Thomas, to Westinghouse Electric Corp. X-ray apparatus. 2,866,101, 12-23-58, Cl. 250-91.

- Wagner, Rudolf E. Rotary presses and the like. 2,858,747, 11-4-58, Cl. 92-49.5.
- Wagner, Tobias. Traffic time signal device. 2,842,627, 7-8-58, Cl. 200-38.
- Wagner Tractor, Inc.: *See*—
Wagner, Elmer A. 2,827,715.
- Wagner, Walter W.: *See*—
Rhodes, Kenneth E., and Wagner. 2,860,758.
- Wagner, William. Conduit fitting with removable insert. 2,824,756, 2-25-58, Cl. 285-12.
- Wagner, William. Self-tapping valve for tubes, pipes, tanks and other conduits and containers. 2,827,913, 3-25-58, Cl. 137-318.
- Wagner, William A., to The Cleveland Twist Drill Co. Deep hole drill. 2,847,885, 8-19-58, Cl. 77-68.
- Wagner, William T., to The Dayton Rubber Co. Method for manufacture of fiber reinforced articles. 2,827,666, 3-25-58, Cl. 18-53.
- Wagner, William T., to The Dayton Rubber Co. Method for manufacturing closures. 2,837,769, 6-10-58, Cl. 18-53.
- Wagner, William T., and B. Adinoff, to The Dayton Rubber Co. Foldable mattress. 2,830,306, 4-15-58, Cl. 5-351.
- Wagner, Zander H., to A. R. Persson. Buff and polishing kit. 2,852,800, 9-23-58, Cl. 15-258.
- Wagoner, Floyd M., and G. L. Manta, to Manta Vin-Car Steel Corp. Conveyor system. 2,856,063, 10-14-58, Cl. 198-137.
- Wagoner, Harvey E.: *See*—
Deyrup, Alden J., Heiderich, and Wagoner. 2,861,870.
- Wagoner, Roy W.: *See*—
Monson, Louis T., and Wagoner. 2,839,191.
- Wagstaff, Edwin M. Electric multiple switch. 2,823,271, 2-11-58, Cl. 200-1.
- Wagstaff, James B.: *See*—
Nirmaier, Earle A., and Wagstaff. 2,866,241.
- Wahl, Arthur C.: *See*—
Mastick, Donald F., and Wahl. 2,833,800.
- Wahl, Arthur C., to the United States of America as represented by the United States Atomic Energy Commission. Process of separating plutonium values by electrodeposition. 2,830,939, 4-15-58, Cl. 204-1.5.
- Wahl, Esther S. Vine separator attachment. 2,826,891, 3-18-58, Cl. 56-314.
- Wahl, Eugene A., to Olin Mathieson Chemical Corp. Machine for applying stoppers to bottles. 2,821,823, 2-4-58, Cl. 53-43.
- Wahl, Eugene A. Powder-filling machine. 2,857,938, 10-28-58, Cl. 141-71.
- Wahl, Eugene A. Material propelling arrangement. 2,858,011, 10-28-58, Cl. 198-64.
- Wahl, Frank, to Western Electric Co., Inc. Safety edge forming apparatus. 2,821,233, 1-28-58, Cl. 153-13.
- Wahl, Georg, and H. Schwab, to Karl Kassbohrer G. m. b. H. Connecting means for the vehicles of link-trains. 2,843,417, 7-15-58, Cl. 296-1.
- Wahl, Ottmar: *See*—
Ulrich, Hans, Mersch, Wahl, and Delfs. 2,852,374.
- Wahl, Otto, and C. L. Bradford, to W. J. Bradford Paper Co. Means for making paper partitions. 2,852,074, 9-16-58, Cl. 164-12.
- Wahlborg, Karl J., to Aktiebolaget Elektrolux. Automatic means for shaking suction cleaner filters. 2,842,225, 7-8-58, Cl. 183-37.
- Wahle, Aurelia M., to Ejectoret S. A. Lipstick structures. 2,864,494, 12-16-58, Cl. 206-56.
- Wahlgren, Wallace W., to Electro Engineering Works. Push-pull transformer. Re. 24,474, 5-20-58, Cl. 332-43.
- Wahl, Werner, and M. A. Baumann. Apparatus for measuring rotational speeds. 2,866,630, 12-30-58, Cl. 264-1.
- Wahlin, Fred W.: *See*—
O'Brien, Edward J., and Wahlin. 2,864,652.
- Wahlmark, Gunnar A. Hydraulic pressure unit. 2,842,064, 7-8-58, Cl. 103-120.
- Wahmann, Herman. Vacuum operated oil return. 2,856,026, 10-14-58, Cl. 184-105.
- Wahnish, George I.: *See*—
Rider, Granville S. 2,824,454.
- Waigh, Douglas T.: *See*—
Strange, John W., Waigh, and Bloxside. 2,866,133.
- Waimon, Mathew A.: *See*—
Culver, Paul C. 2,839,349.
- Wain, Ralph L., to National Research Development Corp. Method of weed control. 2,863,653, 12-9-58, Cl. 71-2.6.
- Wain, Ralph L., to National Research Development Corp. Method of weed control. 2,863,754, 12-9-58, Cl. 71-2.6.
- Wainer, Eugene, to Horizons Titanium Corp. Purification of titanium and zirconium metal. 2,821,506, 1-28-58, Cl. 204-64.
- Wainer, Eugene, to Horizons Titanium Corp. Electrolytic production of ductile chromium. 2,824,053, 2-18-58, Cl. 204-64.
- Wainer, Eugene, to Horizons Titanium Corp. Production of lower valent halides. 2,833,641, 5-6-58, Cl. 75-1.
- Wainer, Eugene, to Horizons Titanium Corp. Production of titanium. 2,833,704, 5-6-58, Cl. 204-64.
- Wainer, Eugene, to Horizons Titanium Corp. Electrolytic method of producing titanium. 2,833,706, 5-6-58, Cl. 204-64.
- Wainer, Eugene, to Horizons Titanium Corp. Method of removing oxygen from titanium metal. 2,844,499, 7-22-58, Cl. 148-13.1.
- Wainer, Eugene, to The Sinclair Mfg. Co. (H. M. Sinclair, Jr., trustee). Production of finely divided calcium carbonate. 2,865,781, 12-23-58, Cl. 106-306.
- Wainer, Eugene, and D. E. Platt, to Thompson Products, Inc. Non-metallic electrical heating elements. 2,848,586, 8-19-58, Cl. 201-63.
- Waisbrot, Samuel W., to The Goodyear Tire & Rubber Co. Organic azides of the phthalide type. 2,844,595, 7-22-58, Cl. 260-343.3.
- Wait, Clyde F.: *See*—
Cole, Donald F., and Wait. 2,833,002.
- Hanson, Frank D., Wait, and Cole. 2,831,722.
- Wait, Clyde F., and D. F. Cole, to Palace Corp. Tapered sectional design for expandable units. 2,860,384, 11-18-58, Cl. 20-2.
- Wait, Harold V., to Jersey Production Research Co. Safety collar. 2,864,148, 12-16-58, Cl. 24-263.
- Waite, George F., to Curtiss-Wright Corp. Foamed plastic seat and the like. 2,845,997, 8-5-58, Cl. 155-179.
- Waite, J. P., Inc.: *See*—
Waite, John P. 2,827,186.
- Waite, John P., to J. P. Waite, Inc. Locking apparatus for a telescopic boom. 2,827,186, 3-18-58, Cl. 214-141.
- Waite, Kenneth L. Naphtha suspension of unrefined wax residue. 2,861,003, 11-18-58, Cl. 106-271.
- Waite, Philip S.: *See*—
Ford, Geoffrey E., and Waite. 2,823,029.
- Ford, Geoffrey E., and Waite. 2,835,093.
- Waite, Ralph D., to American Machine and Metals, Inc. Switch. 2,820,117, 1-14-57, Cl. 200-83.
- Waltkins, George R.: *See*—
Depew, Harlan A., and Waltkins. 2,838,424.
- Lacey, Harold T., and Waltkins. 2,823,205.
- Waltkins, George R., and H. T. Lacey, to American Cyanamid Co. Azo coloring matters. 2,821,525, 1-28-58, Cl. 260-151.
- Waltzman, Richard H. Fishing lure. 2,846,805, 8-12-58, Cl. 43-42.06.
- Wakefield, C. C., & Co. Ltd.: *See*—
Elliott, John S., and Edwards. 2,820,766.
- Elliott, John S., and Edwards. 2,836,561.
- Elliott, John S., and Edwards. 2,836,565.
- Wakefield Co., The: *See*—
Wakefield, George P. 2,833,199.
- Wakefield, George P., to The Wakefield Co. Overhead lighting, sound-absorbing, heating, and air conditioning. 2,833,199, 5-6-58, Cl. 98-40.
- Wakefield, John K., and A. J. Geiselman. Snap-lock support element. 2,819,103, 1-7-58, Cl. 287-1.
- Wakefield, Thomas C.: *See*—
Stern, Robert G. C., and Wakefield. 2,842,866.
- Wakeman, Alden H., to The Creamery Package Mfg. Co. Pump construction. 2,848,952, 8-26-58, Cl. 103-126.
- Wakeman, Alden H., to The Creamery Package Mfg. Co. Bottle-filling apparatus. 2,865,158, 12-23-58, Cl. 53-281.
- Wakeman, Alden H., and D. C. Roehen, to The Creamery Package Mfg. Co. Apparatus for treatment of readily solidifiable liquids. 2,859,018, 11-4-58, Cl. 259-4.
- Wakeman, Alfred W.: *See*—
Copeland, William M., and Wakeman. 2,862,657.
- Wakeman, Reginald L.: *See*—
Tesora, Guilianna C., and Wakeman. 2,819,285.
- Walach, Bruno, and H. Kndzus, to C. H. Boehringer. Process of producing pure technical grade α -hexachlorocyclohexane. 2,827,501, 3-18-58, Cl. 260-648.
- Walberg, Nathan C., and W. A. Di Misco. Aluminum awning window. 2,842,812, 7-15-58, Cl. 20-62.
- Walbert Machine Co.: *See*—
Skow, Ross E. 2,853,296.
- Walcher, Karl, to C. Conrady. Cathode of an electric arc lamp. 2,850,665, 9-2-58, Cl. 313-354.
- Walcott, Henry R., Jr., to Bendix Aviation Corp. Electrical control system. 2,830,243, 4-8-58, Cl. 318-28.
- Wald, Harold C.: *See*—
Pollock, Lou, and Wald. Re. 24,501.
- Wald Industries, Inc.: *See*—
Barland, Lauri C., Shaffer, and Wald. 2,824,458.
- Corbin, Robert G. 2,821,950.
- Shaffer, William R. 2,852,305.
- Shaffer, William R. 2,863,323.
- Wald, John R., Jr., Corbin, and Bagshaw. 2,859,560.
- Wald, John R., Jr., and Wilson. 2,862,399.
- Wald, John R., Jr., Wilson, and Fry. 2,861,643.
- Wilson, Rufus W. 2,821,890.
- Wilson, Rufus W., and Horn. 2,860,800.
- Wald, John R., Jr.: *See*—
Barland, Lauri C., Shaffer, and Wald. 2,824,458.
- Wald, John R., Jr., R. G. Corbin, and R. B. Bagshaw, to Wald Industries, Inc. Manufacture of spherical particles. 2,859,560, 11-11-58, Cl. 49-58.
- Wald, John R., Jr., R. W. Wilson, and C. L. R. Fry. Tire engaged friction drive for vehicle traction wheel. 2,861,643, 11-25-58, Cl. 180-74.
- Wald, John R., Jr., and R. W. Wilson, to Wald Industries, Inc. Prefabricated gear assembly. 2,862,399, 12-2-58, Cl. 74-448.
- Waldemar Foerstner (tradeiz as Total Kommanditgesellschaft Foerstner & Co.): *See*—
Dickmann, Johannes, and Euteneuer. 2,844,408.
- Walden, Henry W. Bubble-blowing toys. 2,842,894, 7-15-58, Cl. 46-8.

- Walden, Lester M. Equipment for type setting. 2,831,410, 4-22-58, Cl. 95-4.5.
- Walder, George, to Walder Kohinoor, Inc. Separable fasteners. 2,866,246, 12-30-58, Cl. 24-226.
- Walder Kohinoor, Inc.: See—
- Erdmann, Hans. 2,819,804.
- Erdmann, Hans. 2,819,818.
- Erdmann, Hans. 2,832,128.
- Erdmann, Hans. 2,837,812.
- Erdmann, Hans. 2,837,948.
- Erdmann, Hans. 2,840,892.
- Erdmann, Hans. 2,849,775.
- Feitl, Rudolf. 2,838,112.
- Feitl, Rudolf. 2,846,006.
- Shur, Ira. 2,838,821.
- Walder, George. 2,866,246.
- Wurzel, Hugo. 2,831,716.
- Wurzel, Hugo. 2,835,028.
- Wurzel, Hugo. 2,861,824.
- Waldhauer, Frederick D., to Radio Corp. of America. Phase-inverter complementary transistor amplifier. 2,832,846, 4-29-58, Cl. 179-171.
- Waldhauer, Frederick D., to Radio Corp. of America. Transistor amplifier circuits. 2,839,620, 6-17-58, Cl. 179-171.
- Walsh, John F., Jr., to Altrix Products, Inc. Fuel pump. 2,832,295, 4-29-58, Cl. 103-150.
- Walsh, Wilhelm. Dispensing device. 2,858,053, 10-28-58, Cl. 222-394.
- Walsh, Vincent H.: See—
- Covington, Robert A., Jr., and Waldin. 2,824,337.
- Waldman, Jack: See—
- Gildart, Lee W. 2,837,618.
- Waldman, Louis: See—
- Gildart, Lee W. 2,837,618.
- Waldmann, Adolf: See—
- Gossweiler, Oskar, and M. 2,826,173.
- Gossweiler, Oskar and M. 2,849,983.
- Waldo, Frank, to Columbia-Southern Chemical Corp. Sodium chloride composition. 2,854,341, 9-30-58, Cl. 99-143.
- Wallock, Humphrey G.: See—
- Chappel, Herbert E., Wallock, and Forman. 2,836,035.
- Waldorf Paper Products Co.: See—
- Dunning, Robert M. 2,839,236.
- Dunning, Robert M. and Zastrow. 2,842,288.
- Guyer, Reynolds. 2,820,318.
- Guyer, Reynolds. 2,830,505.
- Guyer, Reynolds. 2,839,255.
- Guyer, Reynolds. 2,844,300.
- Guyer, Reynolds. 2,853,183.
- Guyer, Reynolds. 2,856,114.
- Guyer, Reynolds. 2,859,906.
- Guyer, Reynolds. 2,860,824.
- Guyer, Reynolds. 2,864,547.
- Guyer, Reynolds, and Dunning. 2,847,153.
- Mevers, Harold S. 2,821,761.
- Nelson, Iver L. 2,844,930.
- Zastrow, Harold G. 2,864,531.
- Zastrow, Harold G. 2,864,548.
- Waldorf, Charles A., and R. E. Ainslie, to the United States of America as represented by the Secretary of the Navy. Delay release for parachutes. 2,828,997, 4-1-58, Cl. 294-83.
- Waldow, Sheldon M.: See—
- Hurlburt, Charles E., and Waldow. 2,853,795.
- Hurlburt, Charles E., and Waldow. 2,854,851.
- Waldow, Sheldon M., to Bendix Aviation Corp. Accelerometer apparatus. 2,835,759, 5-20-58, Cl. 200-6153.
- Waldow, Sheldon M., to Bendix Aviation Corp. Directional gyro turn error minimizing system. 2,848,898, 8-26-58, Cl. 74-534.
- Waldron, David W., Jr., to Lowndes Engineering Co., Inc. Planter attachment. 2,838,017, 6-10-58, Cl. 111-63.
- Waldron, John: See—
- Muckley, Henry E., and Waldron. 2,833,305.
- Waldron, John, Corp.: See—
- Dougan, Douglas S. 2,837,024.
- Newcomb, Benjamin R., and Stempel. 2,819,670.
- Pomper, Anthony W. 2,842,062.
- Stempel, Laszlo M. 2,846,046.
- Waldrop Morris M.: See—
- Winslow, Albert E., and Waldrop. 2,838,921.
- Waldrop, Robert F., to Milbank Mfg. Co., Inc. Socket for electric meters. 2,819,358, 1-7-58, Cl. 200-51.1.
- Walen, Ernest A.: See—
- Newell, Isaac L., and Walen. 2,844,496.
- Walens, Henry A., S. Serota, and M. E. Wall, to the United States of America as represented by the Secretary of Agriculture. Gentrogenin and corrollogenin. 2,830,986, 4-15-58, Cl. 260-239.55.
- Wales, Fred A. Tea cozy. 2,862,780, 12-2-58, Cl. 312-214.
- Wales, George F. Fluid cushioned clutch mechanism. 2,824,425, 2-25-58, Cl. 60-54.5.
- Wales, Nathaniel B. Laundry dryer convertible into a coiffure dryer. 2,856,700, 10-21-58, Cl. 34-91.
- Wales, Nathaniel B., Jr., to Monroe Calculating Machine Co. Apparatus for detecting land mines. 2,833,143, 5-6-58, Cl. 73-67.1.
- Wales-Strippit Corp.: See—
- Taylor Paul H. 2,842,356.
- Taylor, Paul H. 2,846,211.
- Taylor, Paul H. 2,863,508.
- Taylor, Paul H., and Zumwalt. 2,837,161.
- Taylor, Paul H., and Zumwalt. 2,837,329.
- Walsh, Roy F. Electrical receptacle for mounting on outlet boxes and the like. 2,861,251, 11-18-58, Cl. 339-130.
- Walker, Alec H. B., to Westinghouse Brake & Signal Co. Ltd. Magnetic discriminator. 2,819,444, 1-7-58, Cl. 323-92.
- Walker, Alec H. B., to Westinghouse Brake & Signal Co. Ltd. Means for supplying intermittent overload currents from voltage regulating rectifier sets. 2,834,931, 5-13-58, Cl. 321-20.
- Walker, Alec H. B., R. G. Martin, and K. G. King, to Westinghouse Brake and Signal Co., Ltd. Apparatus for the regulation of the voltage across a load circuit supplied with direct current. 2,832,032, 4-22-58, Cl. 323-9.
- Walker, Alfred C.: See—
- Wendolkowski, Eugene S., and Walker. 2,847,648.
- Walker, Alfred O., to National Aluminate Corp. Sampling apparatus. 2,826,077, 3-11-58, Cl. 73-425.2.
- Walker, Alice: See—
- Kirkpatrick, Willard H., and Walker. 2,839,558.
- Kirkpatrick, Willard H., and Walker. 2,841,563.
- Walker, Arthur L. Centrifuge. 2,820,590, 1-21-58, Cl. 233-26.
- Walker, Brooks: See—
- Sackett, Loren C. 2,826,706.
- Schultz, Henry J. 2,842,196.
- Schultz, Henry J. 2,844,813.
- Walker, Brooks. Rear fender compartment for spare tire. Re. 2,446,1-14-58, Cl. 296-37.2.
- Walker, Brooks. Venetian blind. 2,818,921, 1-7-58, Cl. 160-168.
- Walker, Brooks. Multiple purpose vehicle seats. 2,820,668, 1-21-58, Cl. 296-69.
- Walker, Brooks. Vehicle spare tire mounting. 2,823,068, 2-11-58, Cl. 296-37.2.
- Walker, Brooks. Vehicle spare tire mounting. 2,823,069, 2-11-58, Cl. 296-37.2.
- Walker, Brooks. Rear fender compartment for spare tire. 2,823,070, 2-11-58, Cl. 296-37.2.
- Walker, Brooks. Remotely controlled auxiliary spring suspension. 2,825,578, 3-4-58, Cl. 280-124.
- Walker, Brooks. Auxiliary vehicle suspension using pneumatic spare tire compression. 2,825,580, 3-4-58, Cl. 280-124.
- Walker, Brooks. Battery tester. 2,836,808, 5-27-58, Cl. 340-249.
- Walker, Brooks. Sway stabilizer and overload spring for vehicle. 2,840,390, 6-24-58, Cl. 280-124.
- Walker, Brooks. Adjustable pneumatic auxiliary suspension for vehicle. 2,856,199, 10-14-58, Cl. 280-124.
- Walker Brothers: See—
- Blinn, Glenn E., and Flachbarth. 2,824,578.
- Walker, Charles B., to General Dynamics Corp. Holder for force sensitive element. 2,822,690, 2-11-58, Cl. 73-431.
- Walker, Charles W. E., and O. M. Julson, to Powell River Co. Ltd. Voltage and speed regulating apparatus. 2,847,634, 8-12-58, Cl. 322-28.
- Walker, Christopher H. C.: See—
- Tyler, Frank, Walker, and Townley. 2,862,818.
- Walker, Crosweller & Co., Ltd.: See—
- Barker, Clifford L. 2,827,238.
- Walker, Curtis. Valve for twin cylinder duplicator. 2,853,102, 9-23-58, 137-625.42.
- Walker, Cyril H., to General Electric Co. Encased electroluminescent device. 2,821,646, 1-28-58, Cl. 313-108.
- Walker, Cyril H., and M. G. Clarke, to The British Thomson-Houston Co. Ltd. Electroluminescent panel. 2,866,117, 12-23-58, Cl. 313-108.
- Walker, Daniel N., to Power Jets (Research and Development) Ltd. Apparatus for igniting fuel in a fast-moving hot gas stream by means of a spontaneously ignitable pilot fuel. 2,854,819, 10-7-58, Cl. 60-39.82.
- Walker, David D.: See—
- Garrison, Ralph P. and J. O., and Walker. 2,820,641.
- Garrison, Ralph P. and J. O., and Walker. 2,839,310.
- Walker, David E., and E. A. Noland, to United States of America, Atomic Energy Commission. Metal plating process. 2,846,762, 8-12-58, Cl. 29-471.5.
- Walker, Derek W. R., $\frac{1}{2}$ to Flexible Drives (Gilmans) Ltd. Vibratory mechanism. 2,825,230, 3-4-58, Cl. 74-87.
- Walker, Derek W. R., to Flexible Drives (Gilmans) Ltd. Rotary fluid pressure motors. 2,843,090, 7-15-58, Cl. 121-34.
- Walker, Don J., $\frac{1}{4}$ to C. J. McDonald, and $\frac{1}{4}$ to W. M. Cason. Trailer hitch. 2,848,253, 8-19-58, Cl. 280-513.
- Walker, Donald C., to Standard Oil Co. (Indiana). Candle. 2,831,330, 4-22-58, Cl. 67-22.
- Walker, Dunaway H. Combined fish hook and lures. 2,854,777, 10-7-58, Cl. 43-35.
- Walker, Earl, Sr. Broken flange and flat wheel detector. 2,831,965, 4-22-58, Cl. 246-246.
- Walker, Earle F. Collapsible rake. 2,821,834, 2-4-58, Cl. 56-400.19.
- Walker, Eric E.: See—
- Davidson, Ronald, and Walker. 2,859,547.
- Walker, Eric E., M. P. Shaw, and V. W. F. Fisher, to British Celanese Ltd. Thermoplastic sheeting, etc. 2,825,656, 3-4-58, Cl. 106-177.
- Walker, Ervin L.: See—
- Walker, Herbert T., and E. L. 2,830,644.
- Walker Extract and Chemical Co. Ltd.: See—
- Redfarn, Cyril A. 2,860,058.
- Redfarn, Cyril A. 2,866,773.
- Walker, Florence D. Racing game device. 2,827,296, 3-18-58, Cl. 273-86.

- Walker, Frank H.: *See*—
Shaw, Robert E., Walker, and Quinn. 2,864,938.
- Walker, Frank S. Walking and wading boot. 2,824,390, 2-25-58, Cl. 36—15.
- Walker, Frank S. Balloon distress signal. 2,862,531, 12-2-58, Cl. 141—317.
- Walker, Geoffrey W.: *See*—
Ziherl, Frank, and Kish. Re. 24,419.
Ziherl, Frank, and Kish. 2,821,193.
Ziherl, Frank A., and Kish. 2,821,981.
- Walker, George B., Jr.: *See*—
Granchelli, Felix E., and Walker. 2,863,891.
- Walker, George G., Jr.: *See*—
Garaventa, Ermanno, and Walker. 2,843,919.
- Walker, George S.: *See*—
Shepherd, Alexander T., Walker, and Williamson. 2,862,200.
- Walker, Harold. Method of molding thermosetting synthetic materials with surface decoration. 2,860,380, 11-18-58, Cl. 18—61.
- Walker, Harry M.: *See*—
Heider, Rudolph L., and Walker. 2,859,188.
- Walker, Herbert, to British Insulated Callender's Cables Ltd. Apparatus for drying and impregnating small articles. 2,858,795, 11-4-58, Cl. 118—50.
- Walker, Herbert T., and E. L. Stretch bending machine having gripping jaws mounted to maintain direction of pull on metal moulding tangent to forming die. 2,830,644, 4-15-58, Cl. 153—32.
- Walker, Isaac F.: *See*—
Grunert, Rudolf R., Marvel, and Walker. 2,840,505.
- Walker, Isaac F., to E. I. du Pont de Nemours and Co. Production of sulfonates. 2,849,458, 8-26-58, Cl. 260—343.6.
- Walker, James B., Jr., to The Babcock & Wilcox Co. Material feeder and material relief gate structure for gas swept pulverizers having rolling grinding elements and a stationary upper classifier. 2,828,921, 4-1-58, Cl. 241—53.
- Walker, James, and Co. Ltd.: *See*—
Pearce, Louis W. H. 2,827,319.
Pearce, Louis W. H., and Jones. 2,819,919.
Watson, Thomas F., Tank, and Bonsey. 2,819,917.
- Walker, James H., to California Research Corp. Acid-neutralizing lubricating oil compositions. 2,865,857, 12-23-58, Cl. 252—33.
- Walker, James W.: *See*—
Morgan, Chester S., and Walker. 2,847,431.
- Walker, John, to Henry J. Kaiser Co. Converter. 2,820,707, 1-21-58, Cl. 75—60.
- Walker, John, to Henry J. Kaiser Co. Bifurcated self-baking anode and gas collection means. 2,822,328, 2-4-58, Cl. 204—247.
- Walker, John B.: *See*—
Diamon, Bertram S., and Walker. 2,847,503.
- Walker, John F., to Hercules Powder Co. Manufacture of terephthalic acid. 2,864,860, 12-16-58, Cl. 260—515.
- Walker, John R., to Cable Belt Ltd. Conveyors. 2,864,489, 12-16-58, Cl. 198—203.
- Walker, John R., III: *See*—
Canada, George B., Sr. 2,863,264.
- Walker, John W. Occupant propelled roundabout. 2,841,395, 7-1-58, Cl. 272—33.
- Walker, Joseph B. System for optically combining plural images. 2,821,105, 1-28-58, Cl. 88—16.
- Walker, Laurence R.: *See*—
Glass, Myron S., and Walker. 2,829,306.
- Walker, Laurence R. to the United States of America as represented by the Secretary of the Navy. Anode block for magnetrons. 2,824,999, 2-25-58, Cl. 315—39.75.
- Walker, Leander H.: *See*—
Schultz, Thomas H., Brown, and Walker. 2,857,281.
- Walker Machine & Foundry Corp.: *See*—
Moore, Lewis F., Jr. 2,828,733.
- Walker Mfg. Co. of Wisconsin: *See*—
Powers, Walter H., and Jakobs. 2,834,427.
Trautman, Walter C., and McNabb. 2,837,222.
- Walker Mfg. and Sales Corp.: *See*—
Ziph, Andrew H. 2,819,845.
- Walker, Margaret S. Cosmetic applicator. 2,841,157, 7-1-58, Cl. 132—74.5.
- Walker, Marjorie T.: *See*—
Karchmer, Jean H., and Walker. 2,859,090.
- Walker, Preston L., II, to United States Steel Corp. System for controlling liquid level. 2,841,111, 7-1-58, Cl. 118—7.
- Walker, Raymond W.: *See*—
Morway, Arnold J., and Walker. 2,832,677.
- Walker, Raymond W., and G. S. Tobias, to Esso Research and Engineering Co. Reducing corrosiveness of residual fuel oil ash. 2,857,256, 10-21-58, Cl. 44—68.
- Walker, Rex E.: *See*—
James, William H., Jr., and Walker. 2,831,707.
- Walker, Richard V. Crimping tool. 2,819,643, 1-14-58, Cl. 86—22.
- Walker, Richard V. Safety device for electrical detonators. 2,835,877, 5-20-58, Cl. 339—19.
- Walker, Robert E. Hay bale stocker. 2,833,109, 5-6-58, Cl. 56—473.5.
- Walker, Robert L., Jr.: *See*—
Wengen, Henry R., and Walker. 2,858,522.
- Walker, Robert M.: *See*—
Garwin, Richard L., and Walker. 2,832,061.
- Walker, Robert M., Jr., ½ to Angus M. Miller. Method for controlling carburization. 2,821,494, 1-28-58, Cl. 148—16.5.
- Walker, Ruth A.: *See*—
Salvin, Victor S., and Walker. 2,827,356.
- Walker, Samuel J., to Chicago Railway Equipment Co. Railway truck disc brake mounting. 2,855,073, 10-7-58, Cl. 188—33.
- Walker, Scott W., to Pan American Petroleum Corp. Method for extracting oil-soluble chemicals from hydrocarbon solutions thereof. 2,842,581, 7-8-58, Cl. 260—450.
- Walker, Thomas, Chain guard for overhead hoists. 2,820,662, 1-21-58, Cl. 294—78.
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- Wallace, Eugene E., to Wagner Electric Corp. Application valve. 2,822,891, 2-11-58, Cl. 188-152.
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- Wallace, James O. Greenhouse heating system. 2,857,108, 10-21-58, Cl. 237-53.
- Wallace, James W. Pruning and picking table. 2,822,221, 2-4-58, Cl. 304-9.
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- Wallace, Marcel, to Panoramic Radio Products, Inc. Navigational system. 2,820,961, 1-21-58, Cl. 343-15.
- Wallace, Milner W., to International Standard Electric Corp. Cavity magnetron. 2,828,444, 3-25-58, Cl. 315-3975.
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- Waller, Isabelle: *See*—Julian, Percy L., Meyer, Waller, and Karpel. 2,820,030.
- Waller, Jean-Pierre: *See*—Boissonnas, Roger, Guttman, Jaquenoud, and Waller. 2,854,443.
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- Wallgren, Harald A. A., to Aktiebolaget Bahco. Control valves for gaseous fuel burning appliances such as stoves, ranges, heaters and lamps. 2,851,241, 9-9-58, Cl. 251-121.
- Wallin, Arthur S., to Hydrometals, Inc. Coil stabilizing apparatus. 2,826,376, 3-11-58, Cl. 242-81.
- Wallin, Francis T. Artificial respirators. 2,827,043, 3-18-58, Cl. 128-30.
- Wallin Industrial Corp.: *See*—Schwall, Julius C. 2,822,746.
- Wallin, Sven: *See*—Backert, Bror, Lanne, and Wallin. 2,864,176.
- Wallin, Sven. Method and device for sawing of stone blocks. 2,830,573, 4-15-58, Cl. 125-16.
- Wallin, Sven, to Aktiebolaget Svenska Flaktfabriken. Control apparatus for transporting devices. 2,859,863, 11-11-58, Cl. 198-135.
- Wallin, Sven, and E. Uppvall, to Aktiebolaget Svenska Flaktfabriken. Damper device. 2,836,191, 5-27-58, Cl. 137-311.
- Wallin, Sven W., to Aktiebolaget Svenska Flaktfabriken. Apparatus for pneumatic transporting of grain or similar material. 2,827,333, 3-18-58, Cl. 302-36.
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- Walling, Irvin H.: *See*—Schroer, Walter E., Trybinski, and Walling. 2,865,377.
- Walling, Michael G., to The Sheffield Corp. Machine tool. 2,852,893, 9-23-58, Cl. 61-92.
- Wallio, Milton A.: *See*—Giltruth, Robert R., Greenshields, Heldenfels, Kotanchik, Ross, and Wallio. 2,850,662.
- Wallis, Cyril T.: *See*—Sanden, Grant E., and Wallis. 2,859,466.
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- Wallis, Cyril T., to General Motors Corp. Windshield wiper arm. 2,838,782, 6-17-58, Cl. 15-255.
- Wallis, Cyril T., to General Motors Corp. Windshield wiper shaft assembly for wiping curved windshields. 2,852,799, 9-23-58, Cl. 15-253.
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- Throckmorton, John W., and Wallis. 2,818,838.
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- Walls, Frederick M., to D. W. Burkett. Utilizing compressed gas as working medium in a closed circuit including a booster compressor. 2,829,501, 4-8-58, Cl. 60-59.
- Wally, Joseph H., Jr., and L. J. Grunwald, to Micro-Master, Inc. Point source light projector. 2,843,010, 7-15-58, Cl. 88-24.
- Walma, Jan, to Leendert Prins, Bithoven. Drive for a step-up or step-down gear. 2,849,897, 9-2-58, Cl. 74-804.
- Walmsley, Granville V.: *See*—Gergen, Wade W., and Walmsley. 2,819,695.
- Waloff, Dmitri, and W. F. Knight, to The Sperry Gyroscope Co. Ltd. Electrical generators. 2,849,630, 8-26-58, Cl. 310-154.
- Walpert, George W., and E. K. Mahlo, to Monsanto Chemical Co. Cyanogen chloride solutions. 2,826,545, 3-11-58, Cl. 252-1.
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- Walpole, Beverly K., to National Furnace Corp. Furnace for cleaning containers. 2,822,160, 2-4-58, Cl. 263-5.
- Walraven, George M., and M. K. Kuehl, to Snap-On Tools Corp. Compression gauge for internal combustion engines and the like. 2,823,542, 2-18-58, Cl. 73-116.

- Walser, Joseph G., Jr. Turning device. 2,849,167, 8-26-58, Cl. 223-37.
- Walsh, Alan, to Commonwealth Scientific and Industrial Research Organization. Method of and apparatus for spectrochemical analysis. 2,847,899, 8-19-58, Cl. 88-14.
- Walsh, Arthur S.: See—
Ayers, James L., and Walsh. 2,849,688.
- Walsh, Clark F. Prefabricated wire panel structures. 2,842,232, 7-8-58, Cl. 189-3.
- Walsh, Edward J.: See—
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- Walsh, Edward N., to Victor Chemical Works. Phosphinates and methods of preparing same. 2,860,155, 11-11-58, Cl. 260-461.
- Walsh, Helen. Dielectric telescoping bucket. 2,865,421, 12-23-58, Cl. 150-48.
- Walsh, James L., J. C. Logue, and R. L. Martin, to International Business Machines Corp. Transistor amplifier circuit. 2,861,258, 11-18-58, Cl. 340-174.
- Walsh, John C., to Cherry-Burrell Corp. Plug cock. 2,832,563, 4-29-58, Cl. 251-314.
- Walsh, John E., to United Shoe Machinery Corp. Machines for inserting radial lead type components and the like. 2,850,737, 9-9-58, Cl. 1-3.
- Walsh, John F. Leg cushion. 2,852,883, 9-23-58, Cl. 45-137.
- Walsh, John W., and W. G. Annable, to The Pure Oil Co. Microcrystalline wax compositions. 2,847,367, 8-12-58, Cl. 196-149.
- Walsh, Justin E.: See—
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- Walsh, Lester V.: See—
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- Walsh, Loren $\frac{1}{4}$ to B. E. Teal, and $\frac{1}{4}$ to S. L. Collins. Rotatable disc mold board plow. 2,839,983, 6-24-58, Cl. 97-121.
- Walsh, Owen L.: See—
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- Walsh, Patrick A.: See—
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- Walsh, Paul R., and G. D. Mohr, to Clear Fir Products Co., Inc. Advancing mechanism. 2,841,298, 7-1-58, Cl. 214-166.
- Walsh, Pearl L., to Freeman Mfg. Co. Orthopedic animal brace. 2,845,064, 7-29-58, Cl. 128-78.
- Walsh, Peter J.: See—
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- Walsh, Peter, Jr. Seed planter. 2,831,443, 4-22-58, Cl. 111-13.
- Walsh, Ralph G., to Delaro Smelting & Refining Co., Ltd. Pulverizing plate. 2,858,991, 11-4-58, Cl. 241-296.
- Walsh, Richard T. Remote angular position indicator. 2,835,218, 5-20-58, Cl. 116-31.
- Walsh, Robert L. Aircraft panel construction. 2,846,167, 8-5-58, Cl. 244-124.
- Walsh, Stanley, to The Chloride Electrical Storage Co. Ltd. Lead-acid accumulator alloy. 2,860,969, 11-18-58, Cl. 75-167.
- Walsh, Thomas G., to General Telephone Laboratories, Inc. Automatic toll ticketing system. 2,866,003, 12-23-58, Cl. 179-18.
- Walsh, Thomas G., to General Telephone Laboratories, Inc. Testing apparatus for calling line identifiers. 2,866,008, 12-23-58, Cl. 179-27.
- Walsh, William L., to S. H. Pomeroy Co., Inc. Window structures. 2,843,233, 7-15-58, Cl. 189-65.
- Walsham, Alfred J.: See—
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- Walss, Walter K. Walking doll. 2,859,554, 11-11-58, Cl. 46-120.
- Walston, Howard W., and R. V. Stevens, to Hupp Corp. Portable vertical broiler and rack for electric oven. 2,851,575, 9-9-58, Cl. 219-35.
- Walstrom, John E., to California Research Corp. Pressure-operated bottom-hole drill stem tester. 2,830,667, 4-15-58, Cl. 166-103.
- Walter, Albert C., and J. S. Kaufman. Frame for sliding doors. 2,857,629, 10-28-58, Cl. 20-5.
- Walter, Carl W.: See—
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- Walter, Carl W. Inflatable traction device. 2,834,340, 5-13-58, Cl. 128-44.
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- Walter, Elwood M.: See—
Walter, Gerald W., and Walter. 2,834,148.
- Walter, Ethel M.: See—
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- Walter, Florian A.: See—
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- Walter, Florian A., to Stoner Mfg. Corp. Merchandise holding means for vending machines. 2,829,798, 4-8-58, Cl. 221-131.
- Walter, Fred S., to Thermo Electric Co., Inc. Thermocouple connector panel. 2,823,364, 2-11-58, Cl. 339-191.
- Walter, Franklin: See—
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- Walter, Gerald W., and E. M. Book holder with retractable book carrier. 2,834,148, 5-13-58, Cl. 45-58.
- Walter, Gustave. Marine V-drive. 2,859,634, 11-11-58, Cl. 74-414.
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- Walter, Hellmuth, to Worthington Corp. Method and arrangement of apparatus for oil recovery. 2,823,752, 2-18-58, Cl. 166-11.
- Walter, Hellmuth, to Worthington Corp. Method for oil recovery with "in situ" combustion. 2,839,141, 6-17-58, Cl. 166-11.
- Walter, Henry A., to Monsanto Chemical Co. Preparation of organometallic compounds. 2,864,842, 12-16-58, Cl. 260-429.3.
- Walter, Hermine J. Process for converting hydrochloric acid into chlorine. 2,855,279, 10-7-58, Cl. 23-219.
- Walter, John M., to G. A. Gray Co. Machine tool pendant. 2,832,349, 4-29-58, Cl. 200-5.
- Walter, Jules G.: See—
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- Walter Kidde-Pacific: See—
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- Walter, Leo N. Refrigeration apparatus for air cooling systems and the like. 2,856,760, 10-21-58, Cl. 62-285.
- Walter, Martin, Ltd.: See—
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- Walter, Mary F. Fashion-design costume nails. 2,864,384, 12-16-58, Cl. 132-73.
- Walter, Max: See—
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- Walter, Otto L.: See—
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- Walter, Richard H., Jr.: See—
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- Walter, Richard H., Jr., to Aerol Products Co., Inc. Melting kettle. 2,830,577, 4-15-58, Cl. 126-343.5.
- Walter, Robert C.: See—
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- Walter, Robert C. and E. R. Kroeger, to Warner Electric Brake & Clutch Co. Magnetic friction torque applying apparatus. 2,853,165, 9-23-58, Cl. 192-18.
- Walter, Robert J., to Truck Equipment Co. Inc. Tandem vehicle wheel suspension. 2,819,910, 1-14-58, Cl. 280-104.5.
- Walter, Robert J., to Truck Equipment Co., Inc. Rocker bearing support for vehicle suspension apparatus. 2,829,904, 4-8-58, Cl. 280-104.5.
- Walter, Robert L.: See—
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- Walter, Stephen M. Excavating tool combined with a firearm. 2,823,481, 2-18-58, Cl. 42-93.
- Walter, Theodore B. Rollable sun visor having a plurality of separately movable sections. 2,855,241, 10-7-58, Cl. 296-97.
- Walter, Warren W. Self-aligning shaft hanger. 2,819,932, 1-14-58, Cl. 308-29.
- Walters, Charles E., to American Can Co. Can divider mechanism. 2,819,786, 1-14-58, Cl. 198-31.
- Walters, Charles J.: See—
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- Walters, Glenn A.: See—
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- Walters, Glenn A., to Tectron Inc. Automatic matching transformer. 2,832,934, 4-29-58, Cl. 333-17.
- Walters, Glenn A., and A. P. Northoff, Jr., to Tectron Inc. Quadrant information mechanism for radar system. 2,840,817, 6-24-58, Cl. 343-760.
- Walters, Robert R., F. F. Koblit, L. Zeldin, and P. R. Girardot, to Callery Chemical Co. Production of boron trifluoride alcohols. 2,855,440, 10-7-58, Cl. 260-606.5.
- Walters, Russell W., to The Yale & Towne Mfg. Co. Lock for narrow stile doors. 2,836,051, 5-27-58, Cl. 70-151.
- Walters, Shelby L.: See—
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- Walterscheid, Jean, Maschinenfabrik and Hammerwerk: See—
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- Walther, Henry: See—
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- Walther, Maria M. S. H.: See—
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- Walther, Paul: See—
Guyer, Pio, Richarz, and Walther. 2,841,537.
- Walther, Richard A.: See—
Benedict, Donald B., Rife, and Walther. 2,852,499.
- Walther, Wilhelm: See—
Straub, Karl, and Walther. 2,830,141.
- Walzl, Fred H.: See—
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- Walton, Alfred B., to Roofing Machinery Mfg. Co. Machine for applying granules to the surface of roofing material. 2,821,163, 1-28-58, Cl. 118-310.
- Walton, Charles A., to International Business Machines Corp. Position indicating device. 2,860,326, 11-11-58, Cl. 340-347.
- Walton, Edward, to Merck & Co., Inc. Methyl 5-hydroxy-8-methoxyoctanoate. 2,831,005, 4-15-58, Cl. 260-410.9.
- Walton, Edward, to Merck & Co., Inc. Pantethine intermediates. 2,835,704, 5-20-58, Cl. 260-562.
- Walton, Edward, to Merck & Co., Inc. Production of α -lipoic acid intermediates. 2,842,574, 7-8-58, Cl. 260-399.
- Walton, Fermon T.: See—
- Dickerson, Leo C. 2,835,406.
- Walton, Frederick E., to The Rush Stamping Co. Folding chair. 2,861,625, 11-25-58, Cl. 155-142.
- Walton, George M., R. E. Brown, G. E. Slater, and H. R. Soback, to Air-Maze Corp. Cross washer for hollow filter leaves. 2,822,926, 2-11-58, Cl. 210-305.
- Walton, George W., and D. L. McCarty, to Ideco, Inc. Retrieving tool. 2,833,353, 5-6-58, Cl. 166-65.
- Walton, Mildred. Cheek uplift. 2,842,119, 7-8-58, Cl. 128-76.
- Walton, Neil D., to International Business Machines Corp. Pawl control. 2,818,959, 1-7-58, Cl. 197-94.
- Walton Plywood Co., Inc.: See—
- Walton, Richard E. 2,835,932.
- Walton, Richard E. to Walton Plywood Co., Inc. Beveled plywood siding. 2,835,932, 5-27-58, Cl. 20-5.
- Walton, William L., to General Dynamics Corp. Rod end locking arrangement. 2,821,419, 1-28-58, Cl. 287-62.
- Walts, Earl F.: See—
- Stover, Gerald A., and Walts. 2,833,434.
- Waltschegg, Dimo D. Electromagnetic transmission torque converter. 2,864,016, 12-9-58, Cl. 310-102.
- Waltschegg, Dimo D. Inducto-motive power apparatus with a plurality of rotors. 2,864,017, 12-9-58, Cl. 310-126.
- Waltz, Maynard C., to Bell Telephone Laboratories, Inc. Crystal rectifier. 2,835,810, 5-20-58, Cl. 250-31.
- Walus, Aloysius N., to E. I. du Pont de Nemours and Co. Coating compositions comprising an oil modified alkyl resin and nitrocellulose. 2,837,344, 10-21-58, Cl. 260-16.
- Walwark, Roger, III, to National Lead Co. Process for recovering acid from waste acid liquors. 2,864,670, 12-16-58, Cl. 23-172.
- Walworth Co.: See—
- Bryant, Austin U. 2,861,771.
- Davis, Ralph P. 2,842,816.
- Sager, Earl F., and Tuttle. 2,843,892.
- Walworth, Robert S., and N. F. De Namur, to Berlin Chapman Co. Foldable seating assemblage. 2,846,738, 8-12-58, Cl. 20-1,126.
- Walworth, Wilbur Y., to Raytheon Mfg. Co. Conduction cooled rectifiers. 2,862,159, 11-25-58, Cl. 317-234.
- Walz & Krenzer, Inc.: See—
- Hott, Clifford E., and Krenzer. 2,863,414.
- Walz, Paul F.: See—
- Trousdale, Robert B., Elliott, and Walz. 2,863,001.
- Walz, Paul F., to General Dynamics Corp. Monostable trigger circuit. 2,837,663, 6-3-58, Cl. 307-88.5.
- Walz, Rudolph, Jr.: See—
- Kocan, Stephen J., and Walz. 2,860,761.
- Walzak, Peter: See—
- Hesse, Arno, and Walzak. 2,838,129.
- Mall, Arthur W., Sholeen, and Walzak. 2,829,537.
- Walzer, George W. Automobile ornament. 2,849,601, 8-26-58, Cl. 240-52.2.
- Wamsley, Floyd B. Window lock. 2,854,269, 9-30-58, Cl. 292-162.
- Wanamaker, Elmer M., and D. D. Forbes, to Foote Mineral Co. Method for continuously producing thermally-stable nitrided manganese. 2,860,080, 11-11-58, Cl. 148-13.1.
- Wanczek, Gustav, to Chicago Printed String Co. Bow and method for making same. 2,841,905, 7-8-58, Cl. 41-10.
- Wanda, Leo S.: See—
- Richards, Augustus J., and Wanda. 2,832,411.
- Wandel, Bronislaw. Tooth powder dispenser. 2,849,165, 8-26-58, Cl. 222-505.
- Wandrey, Clarence W.: See—
- Ehlers, Robert C., and Wandrey. 2,821,955.
- Wanek, Evelyn R. Apparatus for facilitating colonic irrigation. 2,818,862, 1-7-58, Cl. 128-227.
- Wang, Chao C., to Sperry Rand Corp. Travelling wave tube. 2,862,137, 11-25-58, Cl. 315-3.5.
- Wang, Chao C., to Sperry Rand Corp. Electron gun for tubular beam. 2,864,965, 12-16-58, Cl. 313-82.
- Wang, Gordon C., to Burroughs Corp. Snap-action switch. 2,853,573, 9-23-58, Cl. 200-67.
- Wang, Herman. Packing machines. 2,847,806, 8-19-58, Cl. 53-29.
- Wang, Wensan. Disposable shaving kit. 2,818,872, 1-7-58, Cl. 132-80.
- Wang, Wensan. Smoker's accessory. 2,825,342, 3-4-58, Cl. 131-173.
- Wang, Wensan. Diabolo game top. 2,836,009, 5-27-58, Cl. 46-228.
- Wangelin, Don J.: See—
- Sayre, Allyn T., Jr., Reark, and Arens, and Wangelin. 2,842,958.
- Waninger, Gilbert. Supporting means for flexible members. 2,864,907, 12-16-58, Cl. 191-12.
- Wankel, Felix, to Rand-Goetze Corp. Piston ring. 2,844,422, 7-22-58, Cl. 309-44.
- Wanlass, Cravens L., to North American Aviation, Inc. Reversible current circuit. 2,838,675, 6-10-58, Cl. 250-36.
- Wanless, Graham G.: See—
- Langer, Arthur W., Jr., Wanless, and Carlson. 2,843,530.
- Wanmaker, Willem L.: See—
- Van de Weijer, Martinus H. A., and Wanmaker. 2,854,600.
- Wannamaker, William H., Jr.: See—
- Miller, Robert L., and Wannamaker. 2,844,775.
- Wannlund, Arthur L., Jr., and W. P. Waters, to Hughes Aircraft Co. Method of making fused junction semiconductor devices. 2,854,366, 9-30-58, Cl. 148-1.5.
- Wantenaar, Abraham J. Lubricator, especially for steam engines, compressors, pumps or the like. 2,830,678, 4-15-58, Cl. 184-55.
- Wantling, Joseph W. Vibratory classification screen with means for dampening vibrations. 2,828,014, 3-25-58, Cl. 209-326.
- Wanzenberg, Frederick W., 1/2 to W. Isaacs. Automobile crash pad. 2,820,648, 1-21-58, Cl. 280-150.
- Wanzer, Arthur W. Outboard propeller mechanism for sea going vessels. 2,847,968, 8-19-58, Cl. 115-41.
- Wapner, Joseph S.: See—
- Cooper, Benjamin, Wapner, and Roback. 2,863,710.
- Warbeck, Anthony J. High frequency type antenna within conductive apertured wall. 2,848,717, 8-19-58, Cl. 343-794.
- Warburton, James: See—
- Stiles, Samuel R., Warburton, and Black. 2,828,348.
- Warburton, Joseph M., and R. E. Baker. Chair construction. 2,825,393, 3-4-58, Cl. 155-179.
- Ward, Alfred W.: See—
- Macdonald, Angus A., Ward, and Lee. 2,862,191.
- Ward, Bernard H., to Buhl Chenoweth, Jr. Bottle cap. 2,848,131, 8-19-58, Cl. 215-39.
- Ward, Chester C., to California Research Corp. Tank filling nozzle. 2,843,161, 7-15-58, Cl. 141-290.
- Ward, Curtis E., to Varian Associates. Cathode structure. 2,864,968, 12-16-58, Cl. 313-275.
- Ward Electric Co.: See—
- Seagnelli, Henry J., and Landsiedel. 2,853,577.
- Ward, Elmer F., to Task Corp. Mobile hydraulic catapulting apparatus. 2,843,342, 7-15-58, Cl. 244-63.
- Ward, Elmer F., to Task Corp. Hydraulic impulse catapult and method for launching aircraft. 2,843,343, 7-15-58, Cl. 244-63.
- Ward, Frank R., Jr. Spring yieldable adjustable support. 2,851,126, 9-9-58, Cl. 188-5.
- Ward, George E., Scissors. 2,831,248, 4-22-58, Cl. 30-239.
- Ward, Henry G. Leaf comminutor for mulching. 2,822,846, 2-11-58, Cl. 146-192.
- Ward, Irving A.: See—
- Bletcher, Ralph E., and Ward. 2,832,643.
- Ward, Irving A., 12 1/2% to E. H. Bucknell, 10% to R. E. Bletcher, 12 1/2% to M. Bucknell, 10% to P. W. Bletcher, 25% to M. B. Liston, 10% to J. H. Bletcher, 10% to H. B. Skinner, and 10% to C. R. B. Robertson. Self-closing shampoo head. 2,862,766, 12-2-58, Cl. 299-144.
- Ward, James C., to Alaska Juneau Gold Mining Co. Anti-brake-hop structures for wheeled vehicles. 2,841,414, 7-1-58, Cl. 280-104.5.
- Ward, James C., to Alaska Juneau Gold Mining Co. Resilient bearings for relatively rotatable members. 2,853,325, 9-23-58, Cl. 287-85.
- Ward, James H., Jr.: See—
- Wagner, Fred J., and Ward. 2,857,626.
- Ward, Jarrett M. Apparatus for extracting crab meat. 2,838,786, 6-17-58, Cl. 17-2.
- Ward, John A.: See—
- Woods, John W., Gribble, and Ward. 2,864,329.
- Ward, John A., III. Jet power plant with unobstructed rotating combustion chamber. 2,836,958, 6-3-58, Cl. 60-39.35.
- Ward, John E.: See—
- Shott, John H., III, Lighthipe, and Ward. 2,849,405.
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- Ward, John P.: See—
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- Ward, Julius C., to General Precision Laboratory Inc. Power law amplifier. 2,833,869, 5-6-58, Cl. 179-171.
- Ward, Judith I. Fitted block teaching aids. 2,861,358, 11-25-58, Cl. 35-71.
- Ward, Lawrence T. Dispenser having a check valve. 2,828,892, 4-1-58, Cl. 222-394.
- Ward, Lawrence T. Spray valve having syphon tube metering chamber. 2,856,103, 10-14-58, Cl. 222-394.
- Ward, Lawrence T. Spray valve. 2,856,105, 10-14-58, Cl. 222-394.
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- Ward Leonard Electric Co.: See—
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- Grillo, Joseph. 2,853,040.
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- Ward, Newton E.: See—
- Ward, William C. and N. E. 2,843,028.
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- Switzer, Joseph L. and R. C., and Ward. 2,864,771.

- Ward, Richard E., to Weyerhaeuser Timber Co. Combination carrier and container. 2,848,149, 8-19-58, Cl. 224-46.
- Ward, Richard H., Jr. Method of producing electrical conducting elements. 2,823,147, 2-11-58, Cl. 117-228.
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- Ward, Thomas C. Head halter. 2,827,896, 3-25-58, Cl. 128-75.
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- Ward, Walter, to The American Hardware Corp. Dead latch. 2,854,270, 9-30-58, Cl. 292-169.
- Ward, William C., to The Norwich Pharmacal Co. Halogenated esters of nitrofurfuryl alcohol. 2,847,424, 8-12-58, Cl. 260-347.4.
- Ward, William C. and N. E., to United States of America, Navy. Miss-distance indicator. 2,843,028, 7-15-58, Cl. 95-12.
- Wardell, Lynwood A., and R. F. Krupp, to Gerber Products Co. Assembling machine. 2,850,190, 9-2-58, Cl. 214-310.
- Wardell, Ross D. Hoist carriage scaffold assembly. 2,829,929, 4-8-58, Cl. 304-29.
- Wardell, Verris C. Tea bag. 2,838,400, 6-10-58, Cl. 99-77.1.
- Warden, Harry L. Mop with ball and socket connection between handle and holder. 2,854,683, 10-7-58, Cl. 15-144.
- Warden, John W., Sr., and F. E. Major. Illuminated combination level. 2,825,144, 3-4-58, Cl. 33-213.
- Warden, Walter J. Piezoelectric crystal holder. 2,824,981, 2-25-58, Cl. 310-9.4.
- Warden, Walter J., and H. P. Wasshausen. Lapping device. 2,840,957, 7-1-58, Cl. 51-58.
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- Wardlaw, Russell, to Cookson Co. Door control device. 2,819,628, 1-14-58, Cl. 74-625.
- Wardley, John, to Electric & Musical Industries Ltd. Pick-up tube targets. 2,843,773, 7-15-58, Cl. 313-65.
- Wardrip, Glenn C. Finger grip attachment for fishing rods. 2,826,852, 3-18-58, Cl. 43-22.
- Wardwell, George W., Jr., to Sargent & Co. Door locks. 2,846,255, 8-5-58, Cl. 292-169.
- Ware, Dale V. Gate hinge. 2,837,760, 6-10-58, Cl. 16-174.
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- Ware, Willis C. Fur glazing composition and method for preparing same. 2,861,949, 11-25-58, Cl. 252-8.57.
- Wareham, Richard R.: *See—*
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- Wargotz, Bernard, and A. H. Weinstein, to The Goodyear Tire & Rubber Co. Bromo alkoxy aromatic sulfonyl chlorides. 2,866,821, 12-30-58, Cl. 260-543.
- Warhus, John D., to General Electric Co. Clothes drying machines. 2,842,864, 7-15-58, Cl. 34-45.
- Warin, Maurice P., to Etablissements Charles Bertolus. Thermionic cathode cores composed of nickel-rhenium alloy. 2,858,207, 10-28-58, Cl. 75-170.
- Waring, Robert W. Variable-speed transmission and method of operation. 2,830,468, 4-15-58, Cl. 74-687.
- Waring, Roger L. Utility shelf. 2,820,687, 1-21-57, Cl. 312-350.
- Warinner, Warren D., to Tennessee Corp. Dry manganous phosphate compounds. 2,866,728, 12-30-58, Cl. 148-6.15.
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- Warland, Eugene, to Panmetals and Processes Inc. Continuous method for reducing oxidic zinc ores indirectly by means of carbon and apparatus for carrying out the method. 2,858,205, 10-28-58, Cl. 75-87.
- Warmisham, Arthur, and K. R. Coleman, to Taylor, Taylor & Hobson Ltd. Deep-field optical objectives. 2,821,108, 1-28-58, Cl. 88-57.
- Warnant, Julien, R. Joly, J. Mathieu, and L. Velluz, to Les Laboratoires Français de Chimiotherapie. Dihydroperoxide ketosteroid derivatives its esters, tetroxanes and methods of making same. 2,842,544, 7-8-58, Cl. 260-239.55.
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- Warner, C. S., Corp.: *See—*
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- Warner, Elmer L., to The Tappan Co. Cooking apparatus. 2,831,952, 4-22-58, Cl. 219-10.47.
- Warner, Ernest H. Combination ladder and fruit lowerer. 2,829,814, 4-8-58, Cl. 228-1.
- Warner, Ernest H. Back cushion for automobiles or the like. 2,838,099, 6-10-58, Cl. 155-182.
- Warner, Fred J., W. H. Easton, and B. S. Davenport. Gaseous fuel carbureting system. 2,831,758, 4-22-58, Cl. 48-184.
- Warner, Harold. Respiration monitoring device. 2,831,181, 4-15-58, Cl. 340-213.
- Warner, Harold O., T. S. Hodgins, and G. L. Hagen, to Reichhold Chemicals, Inc. Process for controlling reaction temperature in vapor phase oxidation of alcohols to aldehydes. 2,852,564, 9-16-58, Cl. 260-603.
- Warner, Harry A. Aquatic amusement device. 2,836,927, 6-3-58, Cl. 46-92.
- Warner, Harry A. Apparatus for extracting juice from whole citrus fruits. 2,848,939, 8-26-58, Cl. 100-108.
- Warner, Jesse J. Box folding and loading machine. 2,844,927, 7-29-58, Cl. 53-186.
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- Warner, Stanley W., to Caterpillar Tractor Co. Side dumping loader. 2,821,313, 1-28-58, Cl. 214-140.
- Warner, Sterling W., to American Viscose Corp. Automatic door and conveying system. 2,818,661, 1-7-58, Cl. 34-242.
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 Warnken, Elmer P., to Cincinnati Testing & Research Laboratories. Stator casing and blade assembly. 2,857,093, 10-21-58, Cl. 230-133.
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 Warren, George B. Bread dispenser. 2,819,819, 1-14-58, Cl. 221-256.
 Warren, George C., Jr., to The Russell Mfg. Co., Inc. Traveler cleaner. 2,820,337, 1-21-58, Cl. 57-119.
 Warren, Grant E., deceased (by E. R. Warren, executrix), H. W. Anderson, and H. Ratner, to Shell Development Co. Preparation of basic polyvalent metal salts of organic acids. 2,839,470, 6-17-58, Cl. 252-33.
 Warren, Horace G., to Consolidated Electrodynamics Corp. Process and apparatus for evacuating electronic tubes and the like. 2,837,396, 6-3-58, Cl. 316-31.
 Warren, Horace G., to Consolidated Electrodynamics Corp. Fluid pressure actuated gate valve. 2,858,096, 10-28-58, Cl. 251-31.
 Warren, Howard C. Annunciator system. 2,832,668, 4-22-58, Cl. 340-213.
 Warren, Joel A.: See—
 Hinkamp, James B., and Warren. 2,855,905.
 Warren, Leonidas A., to Valley Mfg. Co. Elevator. 2,837,201, 6-3-58, Cl. 198-98.
 Warren, Paul M. Device for sealing leaks in fluid containers. 2,859,473, 11-11-58, Cl. 18-1.
 Warren, Perry A., and M. W. Kelton, to Kaiser Industries Corp. Powered deburring device. 2,862,423, 12-2-58, Cl. 90-24.
 Warren Petroleum Corp., Inc.: See—
 Murphy, Clarence R. 2,865,822.
 Warren, S. D., Co.: See—
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 Lilienfeld, Julius E. 2,826,724.
 Warren, William A., to Warren Christmas Trees, Inc. Artificial Christmas tree. 2,826,845, 3-18-58, Cl. 41-15.
 Warren, William A., to Warren Christmas Trees, Inc. Artificial tree. 2,826,846, 3-18-58, Cl. 41-15.
 Warren, William B.: See—
 Childers, Spencer L., and Warren. 2,822,074.
 Warren, William W., to Action Devices, Inc. Advertising sign mechanism. 2,828,562, 4-1-58, Cl. 40-68.
 Warren, William W., to Action Devices, Inc. Animated support for advertising material. 2,850,821, 9-9-58, Cl. 40-68.
 Warrick, Edward C.: See—
 Pettigrew, David D., and Warrick. 2,866,348.

- Warring, Stig E., to Telefonaktiebolaget L. M. Ericsson. Arrangement for generating amplitude modulated pulse trains. 2,837,601, 6-3-58, Cl. 179-15.
 Warrington, Harold G., and D. J. McPhail, to Dominion Magnesium Ltd. Retorts for the production of alkaline earth metals. 2,829,878, 4-8-58, Cl. 263-47.
 Warrington, Harry, Co., to United Air Lines Inc. Article handling apparatus. 2,835,370, 5-20-58, Cl. 198-21.
 Warrington, James I. D., to Baker Perkins Ltd. Travelling conveyor ovens. 2,845,880, 8-5-58, Cl. 107-53.
 Warsaw, Arthur J., to Eitel Mfg. Corp., and 1/2 to E. Meiners. Power take-off and tractor drive mechanism. 2,848,086, 8-19-58, Cl. 192-92.
 Warsaw, Howard D., to General Electric Co. Infrared detection apparatus. 2,856,340, 10-14-58, Cl. 250-83.3.
 Warsaw, Howard D., and E. Nerheim, to United States of America, Navy. Fuel turbidimeter. 2,866,378, 12-30-58, Cl. 88-14.
 Warshawsky, Curtis B.: See—
 Nicholson, William Q., and Warshawsky. 2,843,685.
 Warsher, Adolph, to Bendix Aviation Corp. Electron discharge tube mounting. 2,830,279, 4-8-58, Cl. 339-145.
 Warten, Frederick, to Kingsboro Mills, Inc. Pant type garment. 2,831,020, 5-13-58, Cl. 2-224.
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 Whitehurst, Harry B., and Warthen. 2,861,393.
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 Wartian, George. 2,824,441.
 Wartman, Thomas G.: See—
 Gergen, James B., and Wartman. 2,825,282.
 Warts, Aristides. Aircraft with pivotally mounted fuselage. 2,822,994, 2-11-58, Cl. 244-13.
 Warva, Anne I. Brush for removing dust and dandruff from the hair. 2,866,221, 12-30-58, Cl. 15-397.
 Warwick, Charles H., to Nicolai Door Mfg. Co. V shaped louver construction. 2,847,730, 8-19-58, Cl. 20-63.
 Warwick Mfg. Corp.: See—
 Tatter, Ernest O. P. 2,847,862.
 Wasco Chemical Co., Inc.: See—
 Wasserman, Max, and Stetson. 2,864,325.
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 Washabaugh, Edward P., to American-Marietta Co. Method of and apparatus for constructing tunnels. 2,841,207, 7-1-58, Cl. 214-1.
 Washabaugh, Edward P., to American-Marietta Co. Apparatus for constructing tunnels. 2,841,303, 7-1-58, Cl. 214-652.
 Washbond, Harry H., to Allis-Chalmers Mfg. Co. Body mounted bulldozer. 2,839,850, 6-24-58, Cl. 37-144.
 Washburn, Alfred F. Educational puzzle book for spelling and word association. 2,848,823, 8-26-58, Cl. 35-35.
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 Washburn, Frederick L., Jr., to National Union Electric Corp. Electronic signal storage and reading systems. 2,822,467, 2-4-58, Cl. 250-27.
 Washburn, Malcolm E., to Norton Co. Electrolytic cell. 2,838,454, 6-10-58, Cl. 204-246.
 Washburne, Brenton P., to General Precision Laboratory Inc. Pulsed magnetron system. 2,856,599, 10-14-58, Cl. 343-8.
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 Waske, George F. Lock joint shingle. 2,824,527, 2-25-58, Cl. 108-17.
 Wasko, Bernard, to Voland and Sons, Inc. Bead chain drive system. 2,825,231, 3-4-58, Cl. 74-243.
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 Wasniewski, Adam S., and R. L. Mains, to National Automotive Fibres, Inc. Method and apparatus for producing foam rubber slabs or contoured pads. 2,822,573, 2-11-58, Cl. 18-4.
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 Bobco, William D., and Wassel. 2,824,401.
 Wassell, Frank L., to G. P. Wassell. Filing receptacle and adapting device. 2,825,341, 3-4-58, Cl. 129-16.
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- Wassell, George W.: *See*—
Wassell, Frank L. and G. W. 2,827,354.
- Wassell, Georgene P.: *See*—
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Wassell, Frank L. 2,826,203.
Wassell, Frank L. and G. W. 2,827,354.
- Wassell, Helen E., to Union Carbide Corp. Insect repellent sticks. 2,819,995, 1-14-58, Cl. 167-42.
- Wassell, Willard D. Carrying case and container. 2,842,418, 7-8-58, Cl. 312-209.
- Wasselle, Joseph A. Combined trouble lamp guard and reflector. 2,855,501, 10-7-58, Cl. 240-54.
- Wasser, Jesse A.: *See*—
Cranston, Albert E., and Wasser. 2,830,631.
- Wasserman, Arthur, to Tiarco Corp. Electrolytic stripping. 2,840,521, 6-24-58, Cl. 204-146.
- Wasserman, Max, and R. Stetson, to Wasco Chemical Co., Inc. Ventilating unit. 2,864,325, 12-16-58, Cl. 108-16.
- Wasserman, Rene D., and J. Quaas, to Eutectic Welding Alloys Corp. Welding alloys and fluxes. 2,820,725, 1-21-58, Cl. 117-206.
- Wasserman, Rene D., and J. Quaas, to Eutectic Welding Alloys Corp. Flux for high nickel alloys. 2,820,732, 1-21-58, Cl. 148-23.
- Wasserman, Rene D., and J. Quaas, to Eutectic Welding Alloys Corp. Welding electrode. 2,855,333, 10-7-58, Cl. 117-206.
- Wasshausen, Heinz P.: *See*—
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- Wasson, James I., D. L. Bonham, and W. C. Howell, Jr., to Esso Research and Engineering Co. Hydraulic power transmission fluids. 2,830,956, 4-15-58, Cl. 252-76.
- Waste King Corp.: *See*—
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- Wasyluka, Paul, to Crown Zellerbach Corp. Article case. 2,823,845, 2-18-58, Cl. 229-15.
- Wasyluka, Paul, to Crown Zellerbach Corp. Reinforcing and cover supporting device for a container. 2,865,553, 12-23-58, Cl. 229-37.
- Wasyluka, Paul, and E. A. Haeussler, to Crown Zellerbach Corp. Box fabricating mandrel. 2,826,969, 3-18-58, Cl. 93-59.
- Wasynczuk, Victor, to International Staple and Machine Co. Hand operated stapling machine. 2,847,674, 8-19-58, Cl. 1-49.
- Watanabe, Hiroshi: *See*—
Fujiwara, Motoonori, Watanabe, Matsukawa, Yurugi, Iwatsu, and Kawasaki. 2,833,768.
- Watanabe, Koichi, and K. Asano, to Nippon Light Metal Co., Ltd. Alumina charging hopper truck. 2,822,939, 2-11-58, Cl. 214-83.36.
- Watanabe, Warren H.: *See*—
Hwa, Jesse C. H., and Watanabe. 2,847,478.
- Watanabe, Warren H., and S. Melamed, to Rohm & Haas Co. Aminoalkyl vinyl ethers and derivatives thereof. 2,845,407, 7-29-58, Cl. 260-86.1.
- Watanabe, Warren H., and L. E. Conlon, to Rohm & Haas Co. Allyl ethers. 2,847,477, 8-12-58, Cl. 260-611.
- Waterbury Farrei Foundry & Machine Co., The: *See*—
Burton, Jesse B. 2,838,149.
Byan, Erwin B. 2,836,992.
De Loe, Oliver P. 2,825,075.
Putetti, Anthony M. 2,852,788.
Schullo, Charles V. 2,845,638.
- Waterbury, Glenn J., to Parker Mfg. Co. Toggle actuated, plier-type wrench. Re. 2,446,542-29-58, Cl. 81-369.
- Waterbury Tack Co., Inc. The: *See*—
Reilly, James J. 2,850,161.
- Waterfall, Frederick D., and R. L. Hewson, to Imperial Chemical Industries Ltd. Method of carburizing steel and steel alloys and fused salt bath thereof. 2,846,344, 8-5-58, Cl. 148-15.5.
- Waterfall, Frederick D., and R. L. Hewson, to Imperial Chemical Industries Ltd. Method of carburizing steel and steel alloys and fused salt bath thereof. 2,846,345, 8-5-58, Cl. 148-15.5.
- Waterhouse, Lewis O., to Crompton & Knowles Corp. Narrow ware loom shuttle. 2,843,158, 7-15-58, Cl. 139-199.
- Waterman Engineering Corp.: *See*—
Cooper, Roy L. 2,828,769.
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- Waterman, Hein I.: *See*—
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- Waterman, Logan C., to Petrolite Corp. Rotating electrode emulsion coalescer. 2,849,394, 8-26-58, Cl. 204-304.
- Waterman, Logan C., to Petrolite Corp. Apparatus for electrically treating emulsions. 2,855,360, 10-7-58, Cl. 204-304.
- Waterman, Russell R. Oil well apparatus. 2,828,821, 4-1-58, Cl. 166-57.
- Waterman, Uzal E., to Canadian General Electric Co., Ltd. Motor bearing cooling. 2,819,415, 1-7-58, Cl. 310-57.
- Waterman, William: *See*—
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Thomas, William W. 2,845,087.
- Waterman, William. Hydraulic fuses. 2,821,209, 1-28-58, Cl. 137-498.
- Waterman, William, and D. A. Stark; said Stark assor. to said Waterman. Flow regulators. 2,845,086, 7-29-58, Cl. 137-504.
- Waterman, William J., and V. E. Gripp, to Vandervell Products Ltd. Electro-deposition of alloys. 2,831,803, 4-22-58, Cl. 204-43.
- Waterous Co.: *See*—
Thomas, David F. 2,823,450.
- Waters, Cecil A. Meat grinder. 2,865,417, 12-23-58, Cl. 146-181.
- Waters, Charles E. and J. A. Smith, to Allied Chemical Corp. Process for mixed fertilizer containing ureaform. 2,864,685, 12-16-58, Cl. 71-29.
- Waters, David, Jr.: *See*—
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- Waters, David, Sr., D. Waters, Jr., and T. C. Reeves, to T. J. Cope, Inc. Connecting means for cable-supporting trough systems and the like. 2,860,742, 11-18-58, Cl. 139-36.
- Waters, Joseph A. Drum carrier for spinner drum. 2,854,880, 10-7-58, Cl. 84-421.
- Waters, Roland M., and J. M. Lee, to The Dow Chemical Co. Preparation of ketals. 2,837,575, 6-3-58, Cl. 260-615.
- Waters, Warren P.: *See*—
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Myer, Jon H., and Waters. 2,829,993.
Wannlund, Arthur L., Jr., and Waters. 2,854,366.
- Waters, Warren P., and R. A. Gudmundsen, to Hughes Aircraft Co. Semiconductor transistor device. 2,854,610, 9-30-58, Cl. 317-235.
- Waters, Wilbur W. Upright piano action. 2,835,157, 5-20-58, Cl. 84-240.
- Water Service Laboratories, Inc.: *See*—
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- Waterson, Arthur P., to R. K. Le Blond Machine Tool Co. Hydraulic tracer control valve. 2,849,206, 8-26-58, Cl. 251-3.
- Watkin, Wilfrid B.: *See*—
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- Watkins, Bryan J. Garment hanger. 2,825,468, 3-4-58, Cl. 211-89.
- Watkins, Charles H., to Universal Oil Products Co. Manufacture of solid [polymerization] catalysts. Re. 24,568, 11-18-58, Cl. 252-433.
- Watkins, Dean A.: *See*—
Birdsall, Charles K., and Watkins. 2,859,374.
- Watkins, George B., and J. D. Gwyn, to Libbey-Owens-Ford Glass Co. Laminated transparent article and method of making the same. 2,837,454, 6-3-58, Cl. 154-2.75.
- Watkins, George B., and L. D. Thomas, to Libbey-Owens-Ford Glass Co. Method of applying a film comprising chromium oxide on a glass surface. 2,859,131, 11-4-58, Cl. 117-104.
- Watkins, James R. Vehicle glare shield. 2,863,697, 12-9-58, Cl. 296-97.
- Watkins, John K.: *See*—
Crown, Richard C., and Watkins. 2,841,801.
- Watkins, Lucius D., to Outboard Marine Corp. Device actuated by cyclic pressure variation for collecting and ejecting liquids. 2,857,903, 10-28-58, Cl. 123-196.
- Watkins, Nathan F., to Sumter Mfg. Co. Means for attaching beater chains to a rotor web. 2,831,317, 4-22-58, Cl. 59-93.
- Watkins, Norman B., to The Coleman Co., Inc. Perimeter air blender. 2,850,959, 9-9-58, Cl. 98-38.
- Watkins, Raymond L., and A. R. Kolb, Sr. Expandable wall rack. 2,825,469, 3-4-58, Cl. 211-105.3.
- Watkins, Spencer H., to Hercules Powder Co. Tall oil rosin sizes stabilized against crystallization and methods of making same. 2,866,782, 12-30-58, Cl. 260-105.
- Watkins, Thomas E., to Socony Mobil Oil Co., Inc. Emulsion fluid for wells. 2,861,042, 11-18-58, Cl. 252-8.5.
- Watkins, William B., Jr. Combination frying pan and griddle and method of heating the operative surface thereof. 2,840,684, 6-24-58, Cl. 219-44.
- Watkins, William W., to E. I. du Pont de Nemours and Co. Article of commerce. 2,854,985, 10-7-58, Cl. 131-10.
- Watkins, Willis T., to Parmelee Plastics Co. Attaching structure for spectacle frame side shields. 2,823,385, 2-18-58, Cl. 2-13.
- Watling, Wayne H.: *See*—
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- Watlow Electric Mfg. Co.: *See*—
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- Watral, Henry J. Dish drainer. 2,864,509, 12-16-58, Cl. 211-41.
- Watson, Albert R.: *See*—
Boynton, Harry G., Lewis, and Watson. 2,848,623.
- Watson, Alice E., and R. M. Willard. Emulsion splash guard for winding machines. 2,832,310, 4-29-58, Cl. 118-123.
- Watson, Charles G., to The Youngstown Welding & Engineering Co. Tube welding machine. 2,835,783, 5-20-58, Cl. 219-60.
- Watson, Charles S.: *See*—
Fromm, Fred, and Watson. 2,858,061.
- Watson, Charles S., to Berlin & Jones Co., Inc. Envelope. 2,835,434, 5-20-58, Cl. 229-70.
- Watson, Charles W., 50% to G. W. Barnhart. Metatarsal bar. 2,864,179, 12-16-58, Cl. 36-71.
- Watson, Donald A.: *See*—
Dede, Joseph B., and Watson. 2,862,896.
- Watson, Donald C., H. E. Spears, and S. W. Boaze, Jr., to Esso Research and Engineering Co. Tube holding apparatus. 2,865,640, 12-23-58, Cl. 279-2.

- Watson, Emmett S., to General Precision Laboratory Inc. Coherent oscillator. 2,856,530, 10-14-58, Cl. 250-36.
- Watson, Emmett S., D. R. Bresky, and A. Savitzky, to The Perkin-Elmer Corp. Radiation sample cell. 2,819,402, 1-7-58, Cl. 250-43.5.
- Watson, Eric I.: *See*—
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- Watson, Forrest J., to Shell Development Co. Phosphorus esters containing diarylamines and polyepoxypolyhydroxy polyethers. 2,842,497, 7-8-58, Cl. 252-049.9.
- Watson, Forrest J., R. C. Morris, and J. L. Van Winkle, to Shell Development Co. Amine salts of monohaloalkylphosphonic acids. 2,858,332, 10-28-58, Cl. 260-501.
- Watson, George R.: *See*—
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- Watson, Harold M.: *See*—
Rasmussen, Arne P., and Watson. 2,831,643.
- Watson, Harold R. Hand wire stripper. 2,842,017, 7-8-58, Cl. 81-9.5.
- Watson, Harry F. Infant carrier device. 2,846,699, 8-12-58, Cl. 5-98.
- Watson, Henry H. Adjustable drawing table. 2,825,612, 3-4-58, Cl. 311-36.
- Watson, Herman H., to Paulding Machine & Tool Co. Method of making saws. 2,856,798, 10-21-58, Cl. 76-112.
- Watson, James A., Jr.: *See*—
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- Watson, James P. Detent mechanisms. 2,844,743, 7-22-58, Cl. 310-37.
- Watson, James P. Shaft mounting. 2,846,885, 8-12-58, Cl. 74-5.
- Watson, James P. Axial flux electromagnetic machinery. 2,866,109, 12-23-58, Cl. 310-37.
- Watson, John R.: *See*—
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- Watson, John R., to B. A. Ballou & Co. Inc. Method of making and assembling different elements. 2,822,608, 2-11-58, Cl. 29-416.
- Watson, John R., to B. A. Ballou & Co. Inc. Semiconductor device. 2,838,722, 6-10-58, Cl. 317-235.
- Watson, John W. Leaf spring spacing structures and anchorages therefor. 2,819,896, 1-14-58, Cl. 267-49.
- Watson, Kenneth M.: *See*—
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- Watson, Kenneth M., to Sinclair Oil & Gas Co. Oil recovery by subsurface thermal processing. 2,825,408, 3-4-58, Cl. 166-11.
- Watson, Kenneth M., to The Pure Oil Co. Apparatus for conducting fluidization reactions. 2,834,656, 5-13-58, Cl. 23-288.
- Watson, Kenneth M., to Sinclair Refining Co. Two stage process for producing a high octane gasoline. 2,849,376, 8-26-58, Cl. 196-50.
- Watson, Lester K., Jr.: *See*—
Webber, Clarence E., and Watson. 2,839,090.
- Webber, Clarence E., and Watson. 2,849,029.
- Watson, Paul C., to Arthur D. Little Inc. Sulfite hair waving composition comprising a nitrogen containing compound and a substituted aromatic compound as additive, and method of use. 2,836,543, 5-27-58, Cl. 167-87.1.
- Watson, Paul C., to E. I. du Pont de Nemours & Co. Emulsion cleaner composition. 2,856,298, 10-14-58, Cl. 106-11.
- Watson, Ralph M., to Worthington Corp. Packing for rotary element or shaft. 2,856,209, 10-14-58, Cl. 286-8.
- Watson, Richard A. Roof construction for vehicles. 2,838,341, 6-10-58, Cl. 296-137.
- Watson, Robert: *See*—
Curry, John J., and Watson. 2,850,331.
- Watson, Robert P.: *See*—
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- Watson, Robert P., and N. D. Jones, to General Electric Co. Electron discharge device structure. 2,859,371, 11-4-58, Cl. 313-344.
- Watson, Roger W.: *See*—
Fields, Ellis K., Watson, and Hoff. 2,864,737.
- Hoff, Melvern C., Fields, and Watson. 2,866,732.
- Richardson, Eugene E., and Watson. 2,833,714.
- Watson, Searcy A. Window glass constructions and fasteners for same. 2,841,836, 7-8-58, Cl. 20-56.4.
- Watson, Stanley A., to Corn Products Refining Co. Dry steep-water feed material. 2,859,114, 11-4-58, Cl. 99-2.
- Watson-Stillman Co., The: *See*—
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- Watson, Thomas A., to Canadian Marconi Co. Pulse code responsive circuit control arrangement. 2,837,554, 10-21-58, Cl. 315-84.5.
- Watson, Thomas F., W. T. Tank, and C. H. Bonsey, to James Walker and Co. Ltd. Hydraulic packings. 2,819,917, 1-14-58, Cl. 286-26.
- Watson, Waldon O., to Republic Productions, Inc. Plural control track system. 2,822,429, 2-4-58, Cl. 179-100.3.
- Watson, William B., to Sinclair Refining Co. Sound-deadening composition of matter. 2,858,231, 10-28-58, Cl. 106-285.
- Watson, William J., to Acme Visible Records, Inc. Safe door locking mechanism. 2,823,536, 2-18-58, Cl. 70-1.5.
- Watson, William R., to Sylvania Electric Products Inc. Method for aluminizing cathode ray tube screens. 2,840,488, 6-24-58, Cl. 117-33.5.
- Watt, Dudley A., to United States of America, Atomic Energy Commission. Pumps for liquid current-conducting material. 2,865,291, 12-23-58, Cl. 103-1.
- Watt, George W., to United States of America, Atomic Energy Commission. Separation of plutonium hydroxide from bismuth hydroxide. 2,848,301, 8-19-58, Cl. 23-14.5.
- Watt, George W., and R. H. Goeckermann, to United States of America, Atomic Energy Commission. Method of separating plutonium from lanthanum fluoride carrier. 2,838,371, 6-10-58, Cl. 23-14.5.
- Watt, Jack M. Battery and method of fabricating. 2,841,630, 7-1-58, Cl. 136-15.
- Watt, John R., and R. H. Stewart; said Stewart assor. to said Watt. Ice making machine and storing apparatus. 2,821,070, 1-28-58, Cl. 62-7.
- Watter, Michael, to The Budd Co. Article handler. 2,856,079, 10-14-58, Cl. 214-1.
- Watter, Michael, to The Budd Co. Mechanical forming press having a resilient blanket in its supporting structure. 2,856,876, 10-21-58, Cl. 113-38.
- Watter, Michael, and G. D. Pagon, to The Budd Co. Apparatus for rapidly forming deep draws in metal sheets. 2,847,957, 8-19-58, Cl. 113-44.
- Watters, Clarence J., to General Electric Co. Spark projection ignition device. 2,840,742, 6-24-58, Cl. 313-131.
- Watters, Clarence J., and W. F. Niebuhr, to General Electric Co. High voltage pin socket connector. 2,860,316, 11-11-58, Cl. 339-89.
- Wattler, Wilhelm: *See*—
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- Wattles, George W., Jr. Brake efficiency recorder. 2,838,358, 6-10-58, Cl. 346-7.
- Watts, Aaron P., to Diamond Alkali Co. Bag valve opener. 2,848,857, 8-26-58, Cl. 53-384.
- Watts, Bernard N., to The British Thomson-Houston Co. Ltd. Photo-electric relay apparatus. 2,831,981, 4-22-58, Cl. 250-211.
- Watts Electric & Mfg. Co.: *See*—
Heller, Robert M. 2,825,932.
- Heller, Robert M. 2,851,079.
- Watts, Gilbert E., S. B. Hainsworth, and H. J. Perry, to J. H. Fenner & Co. Ltd. Textile materials for power transmission and conveyor belting. 2,866,483, 12-30-58, Cl. 139-412.
- Watts, John T.: *See*—
Meyrick, Thomas J., Parry, and Watts. 2,826,526.
- Watts, Paul H., 1/2 to E. D. Farley. Demountable scaffold unit and clamps therefor. 2,825,607, 3-4-58, Cl. 304-40.
- Watts, Reid L., to Hughes Aircraft Co. Machine tool. 2,859,644, 11-11-58, Cl. 77-25.
- Watts, Rhea N.: *See*—
Aldridge, Clyde L., and Watts. 2,841,618.
- Mason, Ralph B., and Watts. 2,840,619.
- Owen, John J., Mason, and Watts. 2,833,725.
- Watts, Rhea N., to Esso Research and Engineering Co. Removal of soap from oxo bottoms by solid adsorbents. 2,824,898, 2-25-58, Cl. 260-643.
- Watts, William M.: *See*—
Cundiff, Lester B., and Watts. 2,837,155.
- Watzinger, Hellmut: *See*—
Sichling, Georg, Kafka, and Watzinger. 2,821,672.
- Watzl, Anton: *See*—
Heisenberg, Erwin, and Watzl. Re. 24,490.
- Waugh, Dale L.: *See*—
Rockoff, Joseph, Waugh, and Radow. 2,847,865.
- Waugh, Dale L., to The Dayton Rubber Co. Method and apparatus for manufacturing covered belts. 2,822,856, 2-11-58, Cl. 154-3.
- Waugh, Dale L., to The Dayton Rubber Co. Connector belts. 2,847,864, 8-19-58, Cl. 74-231.
- Waugh Equipment Co.: *See*—
Dill, Walter C. 2,859,074.
- McCafferty, Frank L., and Johnson. 2,818,982.
- Waugh, John W., to The Ohio Brass Co. Current collecting device. 2,834,841, 5-13-58, Cl. 191-59.1.
- Waugh, John W., to The Ohio Brass Co. Current collector. 2,855,470, 10-7-58, Cl. 191-59.001.
- Waugh, Raymond G. H., to Westinghouse Electric Corp. Gas turbine apparatus. 2,858,103, 10-28-58, Cl. 253-39.15.
- Waukesha Engineering Co., Inc.: *See*—
Onan, Robert C., and Hoke. 2,865,389.
- Waukesha Foundry Co.: *See*—
Funk, Gilbert R. 2,836,125.
- Wawzonek, Joseph: *See*—
St. Pierre, Eugene, and Wawzonek. 2,834,192.
- St. Pierre, Paul L., and Wawzonek. 2,823,529.
- Wawzonek, Joseph, to Hemphill Co. Fabric tensioning method and mechanism. 2,844,952, 7-29-58, Cl. 66-147.
- Waxed Paper Merchandising Council, Inc.: *See*—
Hardy, Walter L. 2,864,709.
- Waxweiler, James H., to Armco Steel Corp. Stainless steel and method of producing same. 2,820,708, 1-21-58, Cl. 75-128.
- Waxweiler, James H., to Armco Steel Corp. Process of diminishing of ridging in 17-chrome stainless steel. 2,851,384, 9-9-58, Cl. 148-12.
- Way, Glenn W. Articulated boom for mobile crane. 2,831,589, 4-22-58, Cl. 214-147.
- Way, Glenn W. Sectional crane body. 2,842,378, 7-8-58, Cl. 280-106.
- Way, Lee V., Jr. Pipe cutting machine. 2,856,178, 10-14-58, Cl. 266-23.
- Way, Robert B.: *See*—
MacArthur, Hamilton E., and Way. 2,866,434.

- Way, Robert B., and C. D. Hersey. Machine for wiping and polishing articles of manufacture. 2,820,231, 1-21-58, Cl. 15-97.
- Way, Robert B., and C. D. Hersey. Mask washing machine. 2,837,100, 6-3-58, Cl. 134-121.
- Way, Stewart: *See*—
- Seglem, Clifford E., and Way. 2,864,234.
- Wayant, Fred A., and R. W. Lindsay, to American Enka Corp. Pulp gauge. 2,835,683, 10-14-58, Cl. 33-143.
- Wayland, Rosses L., Jr., to Dan River Mills, Inc. Manufacture of ethylene urea and the dimethylol derivative thereof. 2,825,732, 3-4-58, Cl. 260-309.7.
- Wayman, Albert J. Compound-sealed cable connector. 2,827,509, 3-18-58, Cl. 174-77.
- Wayman, Albert J. Eccentric coupler for attaching service entrance masts to meters. 2,836,437, 5-27-58, Cl. 285-158.
- Wayman, Clyde W.: *See*—
- Hasek, Robert H., and Wayman. 2,820,059.
- Wayman, Morris, and H. P. Holkestad, to Columbia Cellulose Co., Ltd. Reducing the ash content of cellulose. 2,825,646, 3-4-58, Cl. 92-9.
- Wayne, Edward T., to E. H. Titchener & Co. Holders for television tubes and other objects. 2,851,679, 9-9-58, Cl. 340-367.
- Wayne, Guy H., Jr.: *See*—
- Stimson, Allen G., and Wayne. 2,836,098.
- Wayne Home Equipment Co.: *See*—
- Copeland, Charles V. 2,839,080.
- Wayne, Oleh A. Sheet metal blade base. 2,819,870, 1-14-58, Cl. 253-77.
- Wayne Pump Co., The: *See*—
- Ainsworth, Freedom H. 2,836,142.
- Harr, Robert R. 2,820,574.
- Harr, Robert R. 2,826,269.
- Schlurmer, Waldo P., and Knaus. 2,822,760.
- Wayne, Truman B., and J. H. McLellan. Process for re-vivifying carbonaceous adsorbents. 2,851,428, 9-9-58, Cl. 252-417.
- Wayne Works, Inc.: *See*—
- Bucher, Charles L. 2,829,786.
- De Capua, William T. 2,832,638.
- Waynesboro Publishing Corp.: *See*—
- Butcher, Ernest E., and Spilman. 2,823,607.
- Wayson, Andrew J., to Merriman Bros., Inc. Base for use with lubricated spinning and twisting rings. 2,824,417, 2-25-58, Cl. 57-120.
- Wayson, Andrew J., to Merriman Bros., Inc. Spinning ring. 2,850,866, 9-9-58, Cl. 57-120.
- Wean Engineering Co., Inc., The: *See*—
- Logan, John E. 2,847,373.
- Wean Equipment Corp.: *See*—
- Dolle, David E. 2,848,095.
- Ranney, Neil J. 2,861,802.
- Sarka, Albert J. 2,822,139.
- Sarka, Albert J. 2,827,962.
- Sarka, Albert J. 2,838,947.
- Sarka, Albert J. 2,857,966.
- Sarka, Albert J. 2,865,450.
- Weapons, Inc.: *See*—
- Marsh, Roger. 2,865,255.
- Marsh, Roger. 2,865,256.
- Wear, John H., to Russell-Lacey Mfg. Co., Inc. Alternate needle tufting machine. 2,832,301, 4-29-58, Cl. 112-79.
- Wear, Robert L., to Minnesota Mining & Mfg. Co. Stable heat-curing epoxy resin compositions. 2,847,395, 8-12-58, Cl. 260-47.
- Weast, Robert C.: *See*—
- Vixler, Leslie F., and Weast. 2,821,261.
- Weatherall, Harry: *See*—
- Nock, James L., and Weatherall. 2,827,315.
- Weatherby's, Inc.: *See*—
- Sawyer, Joan B. 2,829,554.
- Weatherhead Co., The: *See*—
- Baldwin, John D., Jr., and Johnson. 2,854,021.
- Hestel, William A. 2,861,591.
- McTaggart, Jackson, and Vella. 2,857,176.
- Weatherley Oilgear Ltd.: *See*—
- Poynter, Cyril E. 2,850,950.
- Poynter, Cyril E. 2,855,656.
- Weatherproof Products Corp., The: *See*—
- Hettinger, Donald M., and Martin. 2,848,760.
- Weathers, Elbert J. Matchbook. 2,841,274, 7-1-58, Cl. 206-29.
- Weathers, Paul. Corrective loud speaker enclosure. 2,866,514, 12-30-58, Cl. 181-31.
- Weathers, Paul. Controlled oscillator systems. 2,866,856, 12-30-58, Cl. 179-100.4.
- Weathers, William G.: *See*—
- Oliver, Gerald A., and Weathers. 2,844,890.
- Weather-Seal Inc.: *See*—
- Etling, Harold A. 2,826,789.
- Weather Shields Ltd.: *See*—
- Smith, Hugo A. G. 2,839,331.
- Weatherwax, Myron W. Portable camp stoves. 2,852,016, 9-16-58, Cl. 126-9.
- Weaver, Bernard S. Circular saw blade. 2,835,286, 5-20-58, Cl. 143-133.
- Weaver, Calvin P. Side delivery rake. 2,847,814, 8-19-58, Cl. 56-27.
- Weaver, Clay, to E. I. du Pont de Nemours and Co. Copolymers and photographic emulsions containing the same. 2,829,053, 4-1-58, Cl. 96-114.
- Weaver, Donald B., to Ben C. Gerwick, Inc., and Peter Kiewit Sons' Co. Bottom discharge bucket. 2,856,223, 10-14-58, Cl. 294-71.
- Weaver, Earl M.: *See*—
- Hawthorne, Herbert J. 2,859,942.
- Hawthorne, Herbert J., and Weaver. 2,858,958.
- Weaver, Eastman A., to Comstock & Wescott, Inc. Photographic color correction in imbibition printing. 2,841,078, 7-1-58, Cl. 101-149.1.
- Weaver, Firm L., to General Electric Co. Oil deflector for shaft seal with forced ventilation. 2,846,245, 8-5-58, Cl. 286-10.
- Weaver, Firm L., and V. T. Dimitroff, Jr., to General Electric Co. Grounding device to prevent stray currents in shaft bearings. 2,821,664, 1-28-57, Cl. 317-2.
- Weaver, Geoffrey R. E., to Harrison (Birmingham) Ltd. Door catches. 2,828,150, 3-25-58, Cl. 292-78.
- Weaver, Gerald L.: *See*—
- Machiele, Jan, Morgan, and Weaver. 2,865,438.
- Manne, Edward T., Morgan, Oom, Spencer, and Weaver. 2,843,187.
- Weaver, Harrison, Jr., to Brillion Iron Works, Inc. Core blowing machine. 2,832,107, 4-29-58, Cl. 22-10.
- Weaver, Holla E. System for eliminating galloping in aerial conductors. 2,831,048, 4-15-58, Cl. 174-42.
- Weaver, Ira A., to Weaver Mfg. Co. Wheel alignment gauge. 2,831,264, 4-22-58, Cl. 33-203.18.
- Weaver, Ira A., to Weaver Mfg. Co. Gauge attaching clamp for automotive vehicles. 2,831,265, 4-22-58, Cl. 33-203.18.
- Weaver, Ira A., and W. A. Ross, to Weaver Mfg. Co. Safety device for lifting jacks. 2,831,551, 4-22-58, Cl. 188-67.
- Weaver, James C. Mount for gun chamber measuring gage. 2,840,333, 6-24-58, Cl. 248-162.
- Weaver, John E. Elliptical arch tool. 2,863,218, 12-9-58, Cl. 33-31.
- Weaver, Leo J., to Monsanto Chemical Co. Active clays as catalyst attenuator in the alkylation of aromatics. 2,853,533, 9-23-58, Cl. 260-671.
- Weaver, Leo J., to Monsanto Chemical Co. Method of bleaching alkyl aryl sulfonic acids. 2,858,276, 10-28-58, Cl. 252-138.
- Weaver Mfg. Co.: *See*—
- Weaver, Ira A. 2,831,264.
- Weaver, Ira A. 2,831,265.
- Weaver, Ira A., and Ross. 2,831,551.
- Weaver, Maybelle C., and R. W. Larson. Child's vehicle. 2,859,975, 11-11-58, Cl. 280-47.11.
- Weaver, Miles A.: *See*—
- Greminger, George K., Jr., and Weaver. 2,840,485.
- Kropcott, Earle L., Greminger, and Weaver. 2,836,505.
- Silvernall, Lloyd H., Greminger, and Weaver. 2,836,506.
- Swinehart, Richard W., Greminger, and Weaver. 2,849,328.
- Swinehart, Richard W., Weaver, Savage, and Moeller. 2,835,663.
- Weaver, Paul J. Partial brake system. 2,843,235, 7-15-58, Cl. 192-3.
- Weaver, Paul J., and O. R. Titchenal, to St. Regis Paper Co. Container filling apparatus. 2,860,848, 11-18-58, Cl. 249-63.
- Weaver, Paul J., and O. R. Titchenal, to St. Regis Paper Co. Apparatus for filling containers to a precise weight. 2,860,849, 11-18-58, Cl. 249-63.
- Weaver, Sterling A. Automatic loom battery. 2,842,165, 7-8-58, Cl. 139-245.
- Weaver, Wesley W., and R. E. Dake. Built-in ventilator for built-in ovens. 2,836,114, 5-27-58, Cl. 98-115.
- Weaving, John H., to The Austin Motor Co. Ltd. Internal combustion engines. 2,834,330, 5-13-58, Cl. 123-90.
- Weaving Research & Textile Commission Agents Ltd.: *See*—
- Shimwell, Derrick W. 2,860,667.
- Webb, Cecil E., to M. S. Bowne, trustee. Clay pipe perforating machine. 2,822,599, 2-11-58, Cl. 25-105.
- Webb, Cleitus E. Panel construction. 2,834,997, 5-20-58, Cl. 20-36.
- Webb, Derrel D., to Houston Engineers, Inc. Well tool anchor release. 2,818,926, 1-7-58, Cl. 166-212.
- Webb, Edmond F., to The Delman Co. Control switch for windshield clearing systems. 2,857,487, 10-21-58, Cl. 200-61.86.
- Webb, Frederick J., to The Firestone Tire & Rubber Co. Oxidation products of 6-substituted-2,4-trialkyl dihydroquinolines. 2,849,452, 8-26-58, Cl. 260-288.
- Webb, George L.: *See*—
- Du Rocher, Gideon A., and Webb. 2,835,879.
- Webb, George R. L. Casing or covering of books. 2,829,228, 4-1-58, Cl. 219-10.53.
- Webb, Glenn M., to Standard Oil Co. Platinum catalyst composite employed in the hydroforming of a naphtha. 2,848,377, 8-19-58, Cl. 196-50.
- Webb, H. C., & Co. Ltd.: *See*—
- Taylor, Frank W. 2,864,466.
- Webb, Horace L. Dictation type mask with valve controlled inhalation and exhalation. 2,830,135, 4-8-58, Cl. 179-188.
- Webb, Horace L. Sound proof mask for hand microphone. 2,848,565, 8-19-58, Cl. 179-188.
- Webb, Irving D.: *See*—
- Scott, Carleton B., and Webb. 2,864,739.
- Webb, Irving D., and J. W. Yale, Jr., to Collier Carbon and Chemical Corp. Fungicidal composition. 2,841,518, 7-1-58, Cl. 167-22.

- Webb, Jack C.: *See*—
White, Jerome R., Thuler, and Webb. 2,839,650.
- Webb, Jack, Corp., The: *See*—
White, Jerome R., Thuler, and Webb. 2,839,650.
- Webb, James E. Toy or decoy bird or animal. 2,835,064, 5-20-58, Cl. 43-3.
- Webb, James L. A., to Chapman Chemical Co. Wood treatment. 2,823,159, 2-11-58, Cl. 167-38.7.
- Webb, Jervis B., Co.: *See*—
Henderson, Frank J. 2,840,006.
Henderson, Frank J., and Pachuta. 2,840,005.
- Webb, John P.: *See*—
Bechtold, James H., and Webb. 2,861,327.
- Webb, Leon C., 25% to C. M. Long. Hot air engine. 2,837,895, 6-10-58, Cl. 60-59.
- Webb, Leon C., 35% to C. M. Long. Combination hot air and internal combustion engine incorporating improved hot air valve means to the power cylinders. 2,838,033, 6-10-58, Cl. 123-26.
- Webb, Paul St. E. Fastener structure. 2,824,351, 2-25-58, Cl. 24-203.
- Webb, Richard L.: *See*—
Carpenter, Erwin L., and Webb. 2,830,073.
- Webb, Robert J.: *See*—
White, Sidney H., and Webb. 2,860,918.
- Webb, Robert K., to Philip A. Hopkins. Filters. 2,853,194, 9-23-58, Cl. 210-409.
- Webb, Robert L.: *See*—
Bain, Joseph E., and Webb. 2,862,981.
- Webb, Robert L., to The Gildden Co. Preparation of menthene alcohols. 2,851,481, 9-9-58, Cl. 260-489.
- Webb, Robert O., 40% to J. C. King. Pinless adjustable diaper. 2,832,345, 4-29-58, Cl. 128-284.
- Webb, Wells A.: *See*—
Brunsing, Rex L., and Webb. 2,832,690.
- Webb, William, and G. Wittenberg, to Frederick C. Kane Ltd. Apparatus for stacking articles. 2,828,594, 4-1-58, Cl. 53-162.
- Webb, William A., and W. B. Hipsley. Ammunition booster. 2,823,588, 2-18-58, Cl. 89-33.
- Webb, William P., to California Research Corp. Auto-ignition method. 2,823,515, 2-18-58, Cl. 60-35.4.
- Webbe, Charles E., to The American Brass Co. Flexible corrugated metal hose assembly. 2,836,200, 5-27-58, Cl. 138-61.
- Webber, Charles S., to Norton Co. Release coatings. 2,822,290, 2-4-58, Cl. 117-68.5.
- Webber, Clarence E., and L. K. Watson, Jr., to New York Wire Cloth Co. Wire cloth loom. 2,839,090, 6-17-58, Cl. 139-127.
- Webber, Clarence E., and L. K. Watson, Jr., to New York Wire Cloth Co. Wire cloth salvage forming mechanism. 2,849,029, 8-26-58, Cl. 139-130.
- Webber Gage Co.: *See*—
Webber, George D. 2,819,530.
- Webber, George D., to Webber Gage Co. Distance measuring instruments. 2,819,530, 1-14-58, Cl. 33-169.
- Webber, Gordon G.: *See*—
Moir, Douglas A., and Webber. 2,837,251.
- Webber, Hiram M., to Gould-National Batteries, Inc. Connector receptacle for portable electric lamps. 2,830,280, 4-8-58, Cl. 339-191.
- Webber, Jack C. Well packers. 2,832,419, 4-29-58, Cl. 166-138.
- Webber, John J., to Owens-Corning Fiberglas Corp. Process and apparatus for determining the combustible character of gases. 2,829,952, 4-8-58, Cl. 23-232.
- Webber, Owen T., and A. Berber. Mobile serving unit having adjustable shelves. 2,830,825, 4-15-58, Cl. 280-79.3.
- Webber, Robert C.: *See*—
Schnepf, Herman C. W., and Webber. 2,825,338.
- Webber, Robert C. High sensitivity, low-temperature control system. 2,851,864, 9-16-58, Cl. 62-206.
- Webber, Stanley E., to General Electric Co. Traveling-wave tube. 2,830,219, 4-8-58, Cl. 315-3.5.
- Webber, Stanley E., to General Electric Co. Traveling-wave tube. 2,830,220, 4-8-58, Cl. 315-3.5.
- Webber, Stanley E., to General Electric Co. Electron beam and wave energy interaction device. 2,853,641, 9-23-58, Cl. 315-3.5.
- Webber, William H., to General Motors Corp. Seat spring construction. 2,822,031, 2-4-58, Cl. 155-179.
- Webbere, Fred J.: *See*—
Boegehold, Alfred L., Hanink, and Webbere. 2,860,968.
- Webcor, Inc.: *See*—
Dale, Colin B. 2,821,575.
Dale, Colin B. 2,866,010.
Dale, Colin B., Bridenbaugh, and Bierman. 2,864,894.
- Weber, Albert, to Ackwe Mfg. Co., Inc. Match book display stand. 2,865,512, 12-23-58, Cl. 211-13.
- Weber, Alex C., 1/2 to C. R. Brown. Control apparatus responsive to rainfall. 2,823,346, 2-11-58, Cl. 318-483.
- Weber, Alexander, to H. Beer, and Z. Awepa. Device for slidably supporting and guiding curtains and the like. 2,827,656, 3-25-58, Cl. 16-87.4.
- Weber, Bernard R.: *See*—
Bolmes, Henry G., and Weber. 2,824,754.
Bolmes, Henry G., and Weber. 2,825,322.
Bolmes, Henry G., and Weber. 2,855,222.
- Weber, Bertrand N. Automatic chain type livestock feeder. 2,841,115, 7-1-58, Cl. 119-52.
- Weber, Carl: *See*—
Weber, Carl, and Henson. 2,844,325.
- Weber, Carl, and K. L. Henson, to C. Weber. Railway track construction. 2,844,325, 7-22-58, Cl. 238-7.
- Weber, Charles L., to Westinghouse Air Brake Co. Fluid pressure brake apparatus with means whereby release of brakes following an emergency application may be more promptly initiated. 2,841,448, 7-1-58, Cl. 303-46.
- Weber, Daniel, and N. Simpson, to Simpson Electric Corp. Conduit bending device. 2,852,064, 9-16-58, Cl. 153-40.
- Weber, Edwin L. Clamp. 2,841,855, 7-8-58, Cl. 24-273.
- Weber, Gay W.: *See*—
Lichtenfels, Ira W., and Weber. 2,826,705.
- Weber Engineered Products, Inc.: *See*—
Edrich, Paul, Foltzer, Henry, Koslo, Meyer, Osterhus, Richards, Snowbell, and Tittle. 2,864,293.
- Weber, Gene C., R. P. Hoyt, and R. L. Dinsmore, to Richfield Oil Corp. Method of producing cresol-formaldehyde polymer coating compositions. 2,834,745, 5-13-58, Cl. 260-32.8.
- Weber, Gerard H.: *See*—
Hakker, Petrus J., and Weber. 2,837,483.
- Weber, Grant M.: *See*—
Gerhardt, Fred, and Weber. 2,829,789.
- Weber, Gunter J. Vehicle tent. 2,831,489, 4-22-58, Cl. 135-4.
- Weber, H. G., and Co., Inc.: *See*—
Jacobsen, Paul W. 2,820,517.
Jacobsen, Paul W. 2,825,557.
Jacobsen, Paul W. 2,838,253.
Jacobsen, Paul W. 2,855,995.
Jacobsen, Paul W. 2,860,841.
Jacobsen, Paul W., and Weber. 2,860,840.
- Weber, Harold: *See*—
Scott, Alexander G., and Weber. 2,838,793.
- Weber, Harold, and W. D. Paist, to Celanese Corp. of America. Method and apparatus for the production of filaments. 2,839,784, 6-24-58, Cl. 18-8.
- Weber, Harold E., to United States of America, Navy. Waveguide attenuators. 2,853,687, 9-23-58, Cl. 333-81.
- Weber, Herbert H.: *See*—
Jacobsen, Paul W., and Weber. 2,860,840.
- Weber, Herman, and R. W. Sage, to Shakespeare Products Co. Remote control device. 2,844,045, 7-22-58, Cl. 74-503.
- Weber, James W., to Food Machinery and Chemical Corp. Laying nest for poultry. 2,833,246, 5-6-58, Cl. 119-48.
- Weber, James W. Roller lift for boat trailer. 2,840,252, 6-24-58, Cl. 214-84.
- Weber, Joachim F. L.: *See*—
Heck, Carl L., and Weber. 2,856,365.
- Weber, Joseph. Electronic frequency analyzer device. 2,831,147, 4-15-58, Cl. 315-39.
- Weber, Joseph A.: *See*—
Thomas, James R., and Weber. 2,866,258.
- Weber, John D., R. B. Finney, and H. G. Ross. Convertible top jig. 2,855,663, 10-14-58, Cl. 29-286.
- Weber, John, Jr.: *See*—
Zaffarano, Daniel J., Weber, and Rhinehart. 2,853,237.
- Weber, Karl A., to Weber Showcase & Fixture Co., Inc. Refrigerated self-service showcase. 2,836,039, 5-27-58, Cl. 62-89.5.
- Weber, Karl H. Wire stripping device. 2,836,146, 5-27-58, Cl. 118-221.
- Weber, Kenneth R.: *See*—
Bohr, August G., and Weber. 2,854,172.
- Weber, Kenneth R., to Allis-Chalmers Mfg. Co. Fertilizer distributor. 2,826,344, 3-11-58, Cl. 222-185.
- Weber, Kurt H., to General Electric Co. Dielectric testing device. 2,836,792, 5-27-58, Cl. 324-61.
- Weber, Laurence A.: *See*—
Breed, Roland N., Cesareo, Germanton, Roberts, Weber, and Wingardner. 2,848,543.
- Weber, Leo L.: *See*—
Graf, Robert D., and Weber. 2,835,767.
- Weber, Max. Infinitely variable friction transmission with conical planetary rollers. 2,836,994, 6-3-58, Cl. 74-796.
- Weber, Oskar, W. Anderau, R. Gunst, and B. Ruetimyer, to Ciba Ltd. Disazo- and polyazo-dyestuffs and complex metal compounds thereof and process for their manufacture. 2,824,865, 2-25-58, Cl. 260-146.
- Weber, Otto: *See*—
Taube, Karl, Benade, and Weber. 2,828,288.
- Weber, Richard: *See*—
Münster, Arnold, and Weber. 2,836,514.
- Weber Showcase & Fixture Co., Inc.: *See*—
Weber, Karl A. 2,836,039.
- Weber, Theodore E.: *See*—
Dickson, Edgar V., and Weber. 2,822,672.
- Weber, Urban A., Jr., to General Motors Corp. Fastening device. 2,840,404, 6-24-58, Cl. 287-93.
- Weber, Victor, to Robertshaw-Fulton Controls Co. Thermo-static switch. 2,833,893, 5-6-58, Cl. 200-138.
- Weber, Victor, to Robertshaw-Fulton Controls Co. Thermo-stat adjusting devices. 2,846,883, 8-12-58, Cl. 73-362.4.
- Weber, Victor, H. J. Tyler, and W. J. Russell, to Robertshaw-Fulton Controls Co. Temperature responsive control. 2,830,164, 4-8-58, Cl. 219-20.
- Weber, Victor, H. J. Tyler, and W. J. Russell, to Robertshaw-Fulton Controls Co. Temperature responsive control. 2,833,894, 5-6-58, Cl. 200-140.
- Weber, Victor, H. J. Tyler, and W. J. Russell, to Robertshaw-Fulton Controls Co. Temperature responsive control. 2,833,895, 5-6-58, Cl. 200-140.

- Weber, Victor, and W. J. Sanders, to Robertshaw-Fulton Controls Co. Thermostatic switches. 2,855,486, 10-7-58, Cl. 200—140.
- Weber, Victor, W. J. Russell, and C. H. Brinkhoff, to Robertshaw-Fulton Controls Co. Condition responsive control for clothes driers and the like. 2,859,024, 11-4-58, Cl. 263—10.
- Weber, William M. Ladder platform. 2,848,282, 8-19-58, Cl. 304—31.5.
- Webers, Vincent J.: *See*—
Gray, Russell H., and Webers. 2,839,401.
Upson, Robert W., and Webers. 2,831,781.
- Webbing, Henry E., to Mechanical Industries, Inc. Hermetically sealed thermostat. 2,855,485, 10-7-58, Cl. 200—138.
- Webley, Reginald S.: *See*—
McGee, James D., Lubszynski, and Webley. 2,820,921.
- Webster, Arthur H. Latch control means for a dump trailer. 2,860,005, 11-11-58, Cl. 298—20.
- Webster, Alexander H. Apparatus for crating or decrating bottles and like operations. 2,828,877, 4-1-58, Cl. 214—309.
- Webster, Arvin C.: *See*—
Webster, George W. and A. C. 2,846,746.
- Webster, Carl M., to The Goodyear Tire & Rubber Co. Tire winterizer. 2,850,094, 9-2-58, Cl. 164—10.2.
- Webster, Daniel S.: *See*—
Ackerman, Chester W. 2,863,251.
- Webster Electric Co.: *See*—
Jensen, Clarence F. 2,821,577.
McAlvay, John C. 2,862,518.
- Webster, Frank A., and J. Hewson, to The English Electric Co. Ltd. Dynamo electric machines. 2,846,603, 8-5-58, Cl. 310—258.
- Webster, George J.: *See*—
King, William R., and Webster. 2,837,415.
- Webster, George J., to Phillips Petroleum Co. Shunt line metering total flow. 2,862,387, 12-2-58, Cl. 73—198.
- Webster, George J., and W. H. Rushford, to Phillips Petroleum Co. Process and apparatus for pelleting carbon black. 2,844,445, 7-22-58, Cl. 23—314.
- Webster, George W. and A. C. Parachute harness link. 2,846,746, 8-12-58, Cl. 24—265.
- Webster, Harold F.: *See*—
Beggs, James E., and Webster. 2,847,604.
- Webster, Henry N., to H. K. Swank. Self-aligning balance. 2,861,846, 11-25-58, Cl. 308—2.
- Webster, Hugh G., and R. H. Shoemaker, to Kolene Corp. Metal processing. 2,847,374, 8-12-58, Cl. 204—145.
- Webster Instrument, Inc.: *See*—
Webster, Robert A. 2,839,917.
- Webster, John V., B. T. Aasland, and G. R. Louthan, to Sears, Roebuck and Co. Coupling and clutching means for power and traction devices and implements. 2,860,718, 11-18-58, Cl. 180—53.
- Webster, Julian W.: *See*—
De Boisblanc, Deslonde R., Thomas, Jones, Hanson, Webster, and Leyse. 2,857,324.
- Webster, Lawrence D. Segmented gate for spreader box. 2,850,216, 9-2-58, Cl. 222—502.
- Webster Mfg., Inc.: *See*—
Jones, Corwin S. 2,840,225.
Jones, Corwin S. 2,840,226.
- Webster, Marvin. Antenna with variable inductance for tuning. 2,839,752, 6-17-58, Cl. 343—745.
- Webster, Milo E., to Otto Bernz Co., Inc. Portable gas lantern. 2,841,694, 7-1-58, Cl. 240—38.
- Webster, Milo E., to Otto Bernz Co., Inc. Pressure regulator valve. 2,854,991, 10-7-58, Cl. 137—322.
- Webster, Reginald M.: *See*—
Bonotto, Michele. 2,863,774.
- Webster, Richard W.: *See*—
Sprang, Cornelius A., and Webster. 2,820,802.
- Webster, Robert A., to Webster Instrument, Inc. Hardness testing machine. 2,839,917, 6-24-58, Cl. 73—81.
- Webster, Robert A., A. D. Herman, and T. A. Woolsey, to Aeroquip Corp. Band clamp with slip-band constrictor means. 2,842,385, 7-8-58, Cl. 285—408.
- Webster, Robert O., to Atlantic Research Corp. Igniter. 2,828,691, 4-1-58, Cl. 102—70.
- Webster, Robert O., to Atlantic Research Corp. Electrical igniter. 2,828,692, 4-1-58, Cl. 102—70.2.
- Webster, Robert S., $\frac{1}{2}$ to F. B. Wincentsen, and $\frac{1}{2}$ to R. A. Burns. Vertically telescoping truck body. 2,821,428, 1-28-58, Cl. 296—23.
- Webster, Thomas J., to The British Oxygen Co. Ltd. Removal of oxygen or hydrogen from gases. 2,826,480, 3-11-58, Cl. 23—2.
- Webster, Warren & Co.: *See*—
Stone, John, and Tolan. 2,851,222.
- Webster, Wendell H.: *See*—
Kline, Arthur E., and Webster. 2,852,181.
- Webster, William, and D. P. Young, to Hercules Powder Co. Preparation of 2,4,4-trimethylchroman-2-ol and 2,4,4-trimethylchromen. 2,831,868, 4-22-58, Cl. 260—345.2.
- Webster, William M., Jr., to Radio Corp. of America. Semiconductor devices and method of making them. 2,849,342, 8-26-58, Cl. 148—15.
- Webster, William M. Jr., to Radio Corp. of America. Carrier wave powered radio transceiver circuits. 2,851,592, 9-9-58, Cl. 250—13.
- Webster, William M., Jr., E. O. Johnson, and L. Malter, to Radio Corp. of America. Controllable low noise gas discharge device. 2,846,605, 8-5-58, Cl. 313—71.
- Wechsler, Harry, to The Borden Co. Moldable slurry comprising vinyl butyrate and polyethyl methacrylate and molding obtained therefrom. 2,861,973, 11-25-58, Cl. 260—45.5.
- Wechsler, Joseph. Electrode housing and terminal cap. 2,825,880, 3-4-58, Cl. 339—116.
- Weckel, Kenneth G., to Wisconsin Alumni Research Foundation. Cranberries and process of preparing the same. 2,865,758, 12-23-58, Cl. 99—102.
- Weco Products Co.: *See*—
Teller, W. Kedzie, and Marchuk. 2,836,516.
- Wedberg, Axel G. W. Forms for concrete structures. 2,818,629, 1-7-58, Cl. 25—131.
- Wedberg, Axel G. W. Metal door frames. 2,846,868, 8-12-58, Cl. 72—98.
- Wedding, Arthur N., and W. H. Benson. Knock down metal container. 2,833,087, 5-6-58, Cl. 47—37.
- Weddington, Charles E. Service tray for automobile in instrument panel. 2,829,779, 4-8-58, Cl. 211—88.
- Wedeking, Fred E. Theatrical shade for enclosing an outdoor movie screen. 2,847,722, 8-19-58, Cl. 20—1.12.
- Wedemeyer, Henry: *See*—
Lewis, George P. 2,855,499.
- Wedge, Louther D. Child's toilet seat. 2,820,969, 1-28-58, Cl. 4—239.
- Wedmore, David B.: *See*—
Austen, Alan E. W., and Wedmore. 2,833,140.
- Weekes, Don J. Endotracheal tube. 2,862,498, 12-2-58, Cl. 128—351.
- Weeks, Arnold N., and L. Coakley, to Bemis Bro. Bag Co. Bag. 2,830,750, 4-15-58, Cl. 229—62.5.
- Weeks, Charles, to Menlo Research Laboratory. Mechanism for quantitative measurement of fluorescence. 2,831,120, 4-15-58, Cl. 250—78.
- Weeks, Donald L., to The National Cash Register Co. Card reading apparatus. 2,842,312, 7-8-58, Cl. 235—61.11.
- Weeks, Ivan F., to the United States of America as represented by the Secretary of the United States Atomic Energy Commission. Neutron detector. 2,824,971, 2-25-58, Cl. 250—83.1.
- Weeks, James D. Self-locking metal awning assembly. 2,842,811, 7-15-58, Cl. 20—57.5.
- Weeks, John G., to Western Electric Co., Inc. Methods of and apparatus for dynamically gaging relays. 2,840,780, 6-24-58, Cl. 324—28.
- Weeks, John R.: *See*—
Gurinsky, David H., Kammerer, Sadofsky, and Weeks. 2,864,731.
- Weeks, John R., Jr.: *See*—
Kater, Joseph A., and Weeks. 2,865,083.
- Weeks, Lloyd E.: *See*—
Ginn, Martin E., and Weeks. 2,850,460.
- Weeks, Robert W., to Wind Turbine Co. Sectional tower. 2,828,841, 4-1-58, Cl. 189—13.
- Weeks, Robert W., to Wind Turbine Co. Metal tower structures. 2,844,231, 7-22-58, Cl. 189—13.
- Weeks, Robert W., and P. G. Park, to Wind Turbine Co. Rod joint. 2,860,897, 11-18-58, Cl. 287—54.
- Weeks, Ruth B. Gameboard and gamepiece therefor. 2,847,222, 8-12-58, Cl. 273—131.
- Weeks, Walter R., to General Electric Co. Automatic toaster. 2,861,513, 11-25-58, Cl. 99—331.
- Weeks, Warren D., to Root Spring Scraper Co. Road scraper blade mount. 2,825,985, 3-11-58, Cl. 37—179.
- Weeks, Warren D., to Root Spring Scraper Co. Highway marker. 2,851,935, 9-16-58, Cl. 94—1.5.
- Weerts, Elmer D. Change speed transmission. 2,820,371, 1-21-58, Cl. 74—349.
- Weese, Wesley. Mining drill bit. 2,830,796, 4-15-58, Cl. 255—61.
- Weesner, William E.: *See*—
Birim, Gail H., and Weesner. 2,841,525.
Gluesenkamp, Earl W., Birum, and Weesner. 2,857,306.
Gluesenkamp, Earl W., and Weesner. 2,844,573.
- Weesner, William E., to Monsanto Chemical Co. Sulfonium compounds. 2,836,625, 5-27-58, Cl. 260—607.
- Weesner, William E., to Monsanto Chemical Co. Side chain removal process. 2,846,447, 8-5-58, Cl. 260—240.5.
- Weesner, William E., and P. C. Hamm. Pre-emergent herbicide. 2,857,259, 10-21-58, Cl. 71—2.3.
- Wegeforth, Milton G., to Solar Aircraft Co. Apparatus and system for producing honeycomb core. 2,843,722, 7-15-58, Cl. 219—80.
- Wegener, Harry, to Inventa A. G. fuer Forschung und Patentverwertung. Device and a process for controlling the crimping arc in compression crimping of strands of fibers. 2,820,988, 1-28-58, Cl. 19—66.
- Weglarz, Walter P., to The Budd Co. Rotary drum limit switch operating mechanism. 2,840,651, 6-24-58, Cl. 200—38.
- Wegler, Richard: *See*—
Kuhle, Engelbert, Wegler, and Grewe. 2,844,628.
Kuhle, Engelbert, Wegler, and Grewe. 2,846,442.
Kuhle, Engelbert, Wegler, and Grewe. 2,863,801.
- Wegler, Richard, and H. Kukenthal, to Farbenfabriken Bayer Akt. Derivatives of aminosulfonic acid. 2,839,562, 6-17-58, Cl. 260—456.
- Wegler, Richard, F. Grewe, and E. Regel, to Farbenfabriken Bayer Akt. Derivatives of dithiocarbonic acid. 2,861,913, 11-25-58, Cl. 167—30.

- Weglin, Walter. Method of ornamenting candles. 2,841,972, 7-8-58, Cl. 67—22.5.
- Weglin, Walter. Candle and method of making. 2,845,785, 8-5-58, Cl. 67—22.5.
- Wegmann, Emil: *See*—
Schlatter, Hans A., and Wegmann. 2,852,985.
- Wegmann, Jacques: *See*—
Rhyner, Paul, Stern, and Wegmann. 2,819,943.
- Wegmann, Robert, to Aktiengesellschaft Brown, Boveri & Cie. Air-break circuit breaker. 2,822,448, 2-4-58, Cl. 200—144.
- Wegner Machinery Corp.: *See*—
Wennberg, Peder K. 2,844,104.
- Wehling, Georg, to Askania-Werke A. G. Altitude reading means for a theodolite. 2,855,818, 10-14-58, Cl. 88—1.
- Wehmiller, Frederick W., and W. J. Nekola, to Barry-Wehmiller Machinery Co. Container feeding mechanism for labeling machines. 2,822,912, 2-11-58, Cl. 198—30.
- Wehn, Charles E. Pencil tip. 2,844,125, 7-22-58, Cl. 120—021.
- Wehn, Julius: *See*—
Nordt, Herbert, Wehn, and Delfs. 2,824,129.
- Wehn, Julius, W. Busch, J. Rockstroh, W. Beushausen, F. Kaiser, and H. Rumpf, $\frac{1}{2}$ each to Farbenfabriken Bayer Akt., National Lead Co., and Alpine Akt. Selective disintegration and separation of pigments. 2,846,151, 8-5-58, Cl. 241—14.
- Wehner, Albert, to Brueckenbau Flender G. m. b. H. Sieving device. 2,831,576, 4-22-58, Cl. 209—365.
- Wehner, William C., to Moto-Mower, Inc. Variable speed rotary mower. 2,860,473, 11-18-58, Cl. 56—25.4.
- Wehner, William C., to Moto-Mower, Inc. Wheel adjustment means for lawn mowers. 2,862,721, 12-2-58, Cl. 280—44.
- Wehner, William C., to Moto-Mower, Inc. Variable speed rotary mowers. 2,866,351, 12-30-58, Cl. 74—370.
- Wehr, Wilhelm, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for forming shaped bodies from polyethylene. 2,829,118, 4-1-58, Cl. 260—34.2.
- Wehrheim, Werner H., H. E. Becker, and H. Kronacher. Method and apparatus for the treatment of gaseous mixtures resulting from the synthesis of hydrocyanic acid. 2,855,277, 10-7-58, Cl. 23—151.
- Wehrli, Walter: *See*—
Benz, Jakob, and Wehrli. 2,824,093.
Iselin, Ernst, and Wehrli. 2,858,302.
Maderni, Piero, and Wehrli. 2,820,782.
Merian, Ernest, Nicolaus, and Wehrli. 2,831,850.
Neier, Reinhard, Petitjean, and Wehrli. 2,824,095.
- Wehrly, Jack R., to Dow Corning Corp. Method of preparing hydroxyl end-blocked organopolysiloxane fluids. 2,863,897, 12-9-58, Cl. 260—448.2.
- Wehrmeister, Herbert L., to Commercial Solvents Corp. Process for production of caprolactam. 2,819,263, 1-7-58, Cl. 260—239.3.
- Wel, Andrew T. Triple container for food. 2,838,044, 6-10-58, Cl. 126—369.3.
- Wei, Chung K. L.: *See*—
Etzel, Eugene P., and Wei. 2,857,541.
- Weibel, Herman: *See*—
Wright, Clyde E., and Weibel. 2,831,583.
- Weibel, John, Jr., to General Motors Corp. Refrigerating apparatus. 2,844,302, 7-22-58, Cl. 230—58.
- Weibel, John, Jr., to General Motors Corp. Refrigerating apparatus. 2,855,139, 10-7-58, Cl. 230—58.
- Weibel, John, Jr., and I. M. Pelsor, to General Motors Corp. Refrigerating apparatus. 2,864,550, 12-16-58, Cl. 230—58.
- Weiberg, James A.: *See*—
Dannenberg, Robert E., and Weiberg. 2,843,341.
- Weibert, Bayard E., Jr. Self flushing device for evaporative cooler and cooling tower sump. 2,828,761, 4-1-58, Cl. 137—132.
- Weichselbaum, Theodore E. Hematocrit measuring instruments. 2,831,252, 4-22-58, Cl. 33—125.
- Welcker, Frederic C., to American Machine and Metals, Inc. Pressure vessel closure. 2,841,308, 7-1-58, Cl. 220—40.
- Weida, Robert L., to Underwood Corp. Data processor. 2,848,532, 8-19-58, Cl. 178—23.
- Weidauer, Curt: *See*—
Briskman, Samuel, and Weidauer. 2,850,803.
- Weidener, Richard A.: *See*—
Ryan, John J., and Weidener. 2,849,327.
- Weidenheimer, Joseph F., and L. Ritter, to American Cyanamid Co. Purification of neutral tetracycline. 2,820,824, 1-21-58, Cl. 260—559.
- Weidenheimer, Joseph F., and C. C. Reed, to American Cyanamid Co. Tetracycline compositions containing tetracycline organic sulfonic acid dye salt and methods for preparing same. 2,832,718, 4-29-58, Cl. 167—65.
- Weidenmiller, Edward, Co., Inc.: *See*—
Weidenmiller, Robert M., and J. E. 2,838,012.
Weidenmiller, Robert M., and J. E. 2,838,013.
- Weidenmiller, Jack E.: *See*—
Weidenmiller, Robert M., and Weidenmiller. 2,838,012.
Weidenmiller, Robert M., and Weidenmiller. 2,838,013.
- Weidenmiller, Robert M., and J. E., to Edward Weidenmiller Co., Inc. Cookie forming machine. 2,838,012, 6-10-58, Cl. 107—29.
- Weidenmiller, Robert M., and J. E., to Edward Weidenmiller Co., Inc. Cookie forming machine. 2,838,013, 6-10-58, Cl. 107—29.
- Weidig, Miles, to The Carlton Machine Tool Co. Zero speed mechanism. 2,859,295, 11-4-58, Cl. 200—80.
- Weidig, Miles, to The Carlton Machine Tool Co. Preselect mechanism. 2,866,347, 12-30-58, Cl. 74—335.
- Weidinger, Hans: *See*—
Ebel, Friedrich, and Weidinger. 2,832,779.
- Weidknecht, Charles J.: *See*—
Finkel, Leonard, Piontkowski, and Weidknecht. 2,821,629.
Rosen, Charles, and Weidknecht. 2,866,162.
- Weidlinger, Paul, to the United States of America as represented by the Secretary of the Army. Roof structure. 2,827,002, 3-18-58, Cl. 108—1.
- Weidman, Verne W., to E. I. du Pont de Nemours and Co. Plastic composition. 2,836,500, 5-27-58, Cl. 106—38.9.
- Weidman, Walter L.: *See*—
Milliken, Thomas H., and Weidman. 2,840,530.
- Weidner, Thomas F., to Joy Mfg. Co. Shaft assembly. 2,862,372, 12-2-58, Cl. 64—6.
- Weidner, Walter: *See*—
Herrnring, Günther. 2,819,404.
- Weier, Jacob J. Traction devices for vehicle wheels. 2,859,067, 11-4-58, Cl. 305—6.
- Weigele, Bruno. Dental grinding means. 2,862,298, 12-2-58, Cl. 32—58.
- Weigenant, Joseph J. Combination watch and compass. 2,857,734, 10-28-58, Cl. 58—126.
- Weigham, William R., to Courtaulds Ltd. Process for the production of alkaline cellulose. 2,849,445, 8-26-58, Cl. 260—233.
- Weigl, Andreas: *See*—
Braedl, Josef, and Weigl. 2,826,949.
- Weigl, William, and R. K. Norton. Vehicle light control system. 2,862,148, 11-25-58, Cl. 315—80.
- Weigold, Harold, R. A. Merrill, and J. C. Andreini, to United States Rubber Co. Apparatus for treating pneumatic tires. 2,824,336, 2-25-58, Cl. 18—2.
- Weih, Julius, to Ideal Toy Corp. Walking and sitting doll. 2,835,075, 5-20-58, Cl. 46—149.
- Weih, Julius, to Ideal Toy Corp. Walking doll. 2,835,076, 5-20-58, Cl. 46—149.
- Weih, Julius, to Ideal Toy Corp. Assembled doll. 2,836,929, 6-3-58, Cl. 46—162.
- Weikart, Warren D., and E. B. Deuschle, to Rockwell Mfg. Co. Saber saw attachment for circular saw table. 2,842,171, 7-8-58, Cl. 143—72.
- Weil, Burt. Stretcher having a collapsible undercarriage. 2,841,438, 7-1-58, Cl. 296—20.
- Weil, Emanuel J. Roller applicator centrifugal dryer. 2,830,383, 4-15-58, Cl. 34—58.
- Weil, Frits, to North American Philips Co., Inc. Semi-conductive device and method for making same. 2,844,772, 7-22-58, Cl. 317—235.
- Weil, James K.: *See*—
Bistline, Raymond G., Jr., Port, Stirton, and Weil. 2,844,606.
- Weil, Thomas A., to Raytheon Mfg. Co. Current regulators. 2,827,565, 3-18-58, Cl. 250—27.
- Well, Walter M.: *See*—
Cooper, Hugh S. 2,831,761.
Cooper, Hugh S. 2,848,303.
Cooper, Hugh S. 2,850,378.
- Weiland, Frederick A. Acceleration responsive movable contact resistance control. 2,851,568, 9-9-58, Cl. 201—48.
- Weiland, Frederick A. Water jet propulsion device. 2,857,709, 10-28-58, Cl. 46—95.
- Weiland, John N. Brake structure and mounting means therefor. 2,822,064, 2-4-58, Cl. 188—75.
- Weiland, Richard H., to Boeing Airplane Co. Torque transmitting mechanism. 2,863,321, 12-9-58, Cl. 74—102.
- Weilandt, Bernhard, and W. Storsberg, to Kloeckner-Huettenwerk Haspe A. G. Method of preparing ore fines for sintering. 2,866,699, 12-30-58, Cl. 75—5.
- Weiler, Edward W., to J. C. Busch Co. Measuring instruments. 2,823,460, 2-18-58, Cl. 33—174.
- Weiler, Jessie I. Lip liner. 2,834,356, 5-13-58, Cl. 132—88.7.
- Weill, Camille: *See*—
Van Mierlo, Stanislas, Weill, and Bataille. 2,846,513.
- Weill, Camille, and C. Hannigsberg, and H. Adelaar, to International Standard Electric Corp. Control circuit for pulse generator. 2,820,141, 1-14-58, Cl. 250—27.
- Weill, Camille, C. Hannigsberg, and H. H. Adelaar, to International Standard Electric Corp. Electric pulse circuits. 2,853,606, 9-23-58, Cl. 250—27.
- Weimer, Karl, to Licentia-Patent-Verwaltungs G. m. b. H. Ion source. 2,836,750, 5-27-58, Cl. 313—63.
- Weimer, Kenneth A.: *See*—
Murphy, Joseph P., and Weimer. 2,848,016.
- Weimer, John H., to The Hubley Mfg. Co. Toy cap revolver with ejector. 2,855,715, 10-14-58, Cl. 42—58.
- Weimer, John H., to The Hubley Mfg. Co. Toy rifle. 2,857,699, 10-28-58, Cl. 42—57.
- Weimer, Paul K.: *See*—
Borkan, Harold, and Weimer. 2,865,985.
Neher, Clarence M., Padgett, and Weimer. 2,856,419.
Redman, Horace E., and Weimer. 2,826,617.
- Weimer, Paul K., to Radio Corp. of America. Television pickup tube system. 2,826,632, 3-11-58, Cl. 178—5.4.
- Weimer, Paul K., to Radio Corp. of America. Method of imparting red response to a photoconductive target for a pickup tube. 2,833,675, 5-6-58, Cl. 117—201.
- Weimer, Paul K., to Radio Corp. of America. Cathode ray tube and target. 2,843,772, 7-15-58, Cl. 313—65.

- Weimer, Paul K., to Radio Corp. of America. Circuits compensating for photoconductive layer lag in pickup tubes. 2,864,887, 12-16-58, Cl. 178-7.2.
- Weimersheimer, Samuel. Hand-powered motor for uni-directional implements. 2,827,794, 3-25-58, Cl. 74-127.
- Wein, John F.: *See*—
- Ryder, Frank A., Tramontini, and Wein. 2,834,336.
- Wein, John F., to Stewart-Warner Corp. Vehicle combustion heater. 2,844,140, 7-22-58, Cl. 126-116.
- Wein, John F., to Stewart-Warner Corp. Cycling burner for vehicle heaters. 2,844,195, 7-22-58, Cl. 158-28.
- Weinandy, Leo M., to Surface Combustion Corp. Flange forming apparatus with provision for ready insertion and removal of the work. 2,822,853, 2-11-58, Cl. 153-3.
- Weinberg, Alvin M.: *See*—
- Ohlinger, Leo A., Wigner, Weinberg, and Young. 2,850,447.
- Wigner, Eugene P., Weinberg, and Young. 2,830,944.
- Weinberg, Elliott L.: *See*—
- Ramsden, Hugh E., and Weinberg. 2,830,067.
- Weinberg, Elliott L., to Metal & Thermit Corp. Organotin compounds and process of preparation. 2,855,417, 10-7-58, Cl. 260-429.7.
- Weinberg, Elliott L., to Metal & Thermit Corp. Organotin compounds and process of preparation. 2,857,413, 10-21-58, Cl. 260-429.7.
- Weinberg, Elliott L., and E. W. Johnson, to Metal & Thermit Corp. Organo tin compounds, method of making same, and mixtures thereof with halogen-containing resins. 2,832,750, 4-29-58, Cl. 260-45.75.
- Weinberg, Elliott L., and E. W. Johnson, to Metal & Thermit Corp. Hydrocarbon monomercaptoesters and vinyl halide resin stabilized therewith. 2,832,752, 4-29-58, Cl. 260-45.75.
- Weinberg, Elliott L., and L. A. Tomka, deceased, by I. E. Tomka, to Metal & Thermit Corp. Rubber stabilized with an amine and a tin compound. 2,832,753, 4-29-58, Cl. 260-45.75.
- Weinberg, Elliott L., and L. A. Tomka, to Metal & Thermit Corp. Hydrocarbon tin selenides and tellurides and process for their preparation. 2,858,325, 10-28-58, Cl. 260-429.7.
- Weinberg, Marvin A., to Johnson & Johnson. Heatsealing adhesive sheets or tapes. 2,853,404, 9-23-58, Cl. 117-122.
- Weinberg, Norman L., and J. E. Sunderlin, to Westinghouse Electric Corp. Pulse generator. 2,824,976, 2-25-58, Cl. 307-88.
- Weinberger, Paul, to No-Sag Spring Co. Circular sinuous spring seat. 2,849,055, 8-26-58, Cl. 155-179.
- Weinblatt, Jerome J. Target apparatus. 2,834,598, 5-13-58, Cl. 273-101.2.
- Weinblatt, Jerome J. Target apparatus with simulated projector. 2,850,284, 9-2-58, Cl. 273-101.2.
- Weinbrenner, Albert H., Co.: *See*—
- Wilmanns, Frederick A., and Ott. 2,833,058.
- Weinbrenner, Erwin: *See*—
- Hoppe, Peter, Weinbrenner, Muhlhausen, and Breer. Re. 24,514.
- Weindel, Georg. Metal-coated threaded couplings for electrodes. 2,837,447, 6-3-58, Cl. 117-227.
- Weindorf, David R., to Sylvania Electric Products Inc. Planar tube. 2,850,663, 9-2-58, Cl. 313-257.
- Weinert, Carl R., to Federal Laboratories, Inc. Hand weapon. 2,861,373, 11-25-58, Cl. 42-1.
- Weinert, Harry F.: *See*—
- Farmer, Stanley E., and Weinert. 2,844,403.
- Weinfurt, Edward J., A. van Ryan, and L. C. Westphal, to McGraw-Edison Co. Vibratory pump. 2,829,601, 4-8-58, Cl. 103-53.
- Weingand, Richard. Process for producing synthetic sausage skins and other laminar structures from alginates. 2,847,712, 8-19-58, Cl. 18-57.
- Weingart, Ben: *See*—
- Zillman, Jack H., and Steele. 2,865,168.
- Weingart, Richard I. N.: *See*—
- Helsel, Reuben H., and Weingart. 2,828,072.
- Weingart, Richard I. N., and J. C. Sanderson, to McCorquodale Colour Display Ltd. Pumps. 2,831,509, 4-22-58, Cl. 141-53.
- Weingartner, Gerald A.: *See*—
- Bortell, Paul, Meade, and Weingartner. 2,836,104.
- Weinglas, Israel. Rotary device for cutting saw blades. 2,852,961, 9-23-58, Cl. 76-43.
- Weinig, Arthur J., and J. F. McIntosh, to Basic Inc. Beneficiation of low grade magnesite ores. 2,831,574, 4-22-58, Cl. 209-166.
- Weinman, Milton. Dismantleable snap lock for sheets or pipe. 2,828,046, 3-25-58, Cl. 220-76.
- Weinmann, Richard C., and R. A. Cotton. Coated food product and coating composition therefor. 2,849,319, 8-26-58, Cl. 99-169.
- Weinmann, Richard C., and R. A. Cotton. Food coating process. 2,849,320, 8-26-58, Cl. 99-169.
- Weinmayr, Viktor, to E. I. du Pont de Nemours and Co. Chemical product and process. 2,831,879, 4-22-58, Cl. 260-439.
- Weinon Corp.: *See*—
- O'Neil, John G. 2,839,234.
- Weinreich, Sol, and M. Newman. Display machine. 2,830,387, 4-15-58, Cl. 35-49.
- Weinrich, Arthur R.: *See*—
- Colbert, William H., Morgan, and Weinrich. 2,852,415.
- Weinrich, Arthur R., and F. J. Mazur, to Libbey-Owens-Ford Glass Co. Rear view mirror mounting. 2,821,115, 1-28-58, Cl. 88-77.
- Weinrich, William W., to Houdry Process Corp. Processes employing fluent solid particles. Re. 24,538, 9-23-58, Cl. 302-59.
- Weinstein, Abraham B.: *See*—
- Spalten, Robert, and Weinstein. 2,851,728.
- Weinstein, Arthur H.: *See*—
- Wargotz, Bernard, and Weinstein. 2,866,821.
- Weinstein, Arthur H., to The Goodyear Tire & Rubber Co. 4 - chloroacetamido - 1 - naphthalene sulfonyl chloride. 2,835,701, 5-20-58, Cl. 260-543.
- Weinstein, Bernard: *See*—
- McDonald, George W., and Weinstein. 2,831,771.
- Weinstein, Bernard, to Bancroft Cap Co. Uniform cap with separable crown. 2,844,824, 7-29-58, Cl. 2-195.
- Weinstein, Bernard, to Crest Foods Co., Inc. Stabilizers for ice cream and the like. 2,856,289, 10-14-58, Cl. 99-136.
- Weinstein, Leonard H., to Boyce Thompson Institute for Plant Research, Inc. Process for extending flower life. 2,855,726, 10-14-58, Cl. 47-58.
- Weinstein, Leonard H., to Boyce Thompson Institute for Plant Research, Inc. Composition and process for extending flower life. 2,856,276, 10-14-58, Cl. 71-2.4.
- Weinstein, Mark, to Emerson Radio & Phonograph Corp. Integrating servo mechanism. 2,825,861, 3-4-58, Cl. 318-327.
- Weintraub, Adolph: *See*—
- Eppstein, Samuel H., Meister, and Weintraub. 2,864,831.
- Eppstein, Samuel H., Meister, and Weintraub. 2,864,832.
- Weintraub, Nelson, to International Telephone and Telegraph Corp. Multichannel communication systems. 2,836,658, 5-27-58, Cl. 179-15.
- Weintraub, Nelson, to International Telephone and Telegraph Corp. Power line relaying. 2,861,257, 11-18-58, Cl. 340-163.
- Weir, Archie G. Multipurpose folding easel. 2,851,819, 9-18-58, Cl. 45-129.
- Weir, Donald A.: *See*—
- Ridder, Desmond S., and Weir. 2,839,605.
- Terry, Victor J., Weir, and Fossey. 2,822,422.
- Wright, Esmond P. G., Weir, and Phillips. 2,837,281.
- Wright, Esmond P. G., Weir, and Rice. 2,831,179.
- Weir, James V.: *See*—
- Miller, John G., and Weir. 2,841,564.
- Weir, John L., Jr. Lunch box. 2,825,444, 3-4-58, Cl. 206-4.
- Weir, Richard L. Ember stop, fire place screen. 2,836,236, 5-27-58, Cl. 160-19.
- Weir, Robert A., to Cherry-Burrell Corp. Insect excluder. 2,827,844, 3-25-58, Cl. 98-36.
- Weirunga, Henri B.: *See*—
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- Weis, Alfred, to Elektro-Mechanik G. m. b. H. Multistage drive transmission. 2,864,266, 12-16-58, Cl. 74-731.
- Weis, Thomas. Shoe lace clip. 2,845,673, 8-5-58, Cl. 24-121.
- Weis, William A.: *See*—
- Berninger, Kenneth L., Royer, and Weis. 2,839,070.
- Weis, William B., to Graham Transmissions, Inc. Variable speed friction gearing. 2,831,373, 4-22-58, Cl. 74-796.
- Weisbaum, Harry J.: *See*—
- Siebler, Robert A., and Weisbaum. 2,860,346.
- Weisbaum, Samuel: *See*—
- Royet, Howard, and Weisbaum. 2,834,945.
- Sansalone, Frank J., and Weisbaum. 2,834,946.
- Weisbaum, Samuel, to Bell Telephone Laboratories, Inc. Field displacement isolator. 2,834,947, 5-13-58, Cl. 333-81.
- Weisbecker, Frank G., deceased; M. Weisbecker, executrix. Needle bar assembly and method of knitting. 2,823,528, 2-18-58, Cl. 66-5.
- Weisbecker, Mary: *See*—
- Weisbecker, Frank G. 2,823,528.
- Weisberg, Mark: *See*—
- Singer, John J., and Weisberg. 2,855,428.
- Weisberg, Samuel M.: *See*—
- Terry, Millard G., Jr., Weisberg, and Habighurst. 2,856,328.
- Weisberg, Sydney: *See*—
- Rubenstein, Robert, and Weisberg. 2,840,682.
- Weise, Artur, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Axial compressors. 2,841,325, 7-1-58, Cl. 230-114.
- Weise, Johannes: *See*—
- Noack, Rolf, Hahn, Kromer, and Weise. 2,862,431.
- Weise, Richard C.: *See*—
- Baumgartner, William H., and Weise. 2,839,709.
- Weise, Richard C., to Burroughs Corp. Electronic computer power supply circuits. 2,839,693, 6-17-58, Cl. 307-150.
- Weisel, Zenas V. Variable speed transmission. 2,847,861, 8-19-58, Cl. 74-190.5.
- Weisel, Zenas V. Conical roller transmission apparatus. 2,856,784, 10-21-58, Cl. 74-200.
- Weisberg, Annette P. Collapsible container carrier. 2,828,047, 3-25-58, Cl. 220-116.
- Weisenburg, Andrew. Art of extruding cork for the manufacture of bottle caps and the like. 2,830,326, 4-15-58, Cl. 18-55.
- Weiser, George L.: *See*—
- Nichols, Charles A., and Weiser. 2,825,124.
- Nichols, Charles A., and Weiser. 2,850,795.

- Weisgerber, Cyrus A., to Hercules Powder Co. Preparation of polyvinylamine. 2,839,516, 6-17-58, Cl. 260—83.3.
- Weisgerber, Cyrus A., to Hercules Powder Co. Stable ketene dimer-emulsifier mixtures and their preparation. 2,856,310, 10-14-58, Cl. 106—287.
- Weisgerber, Cyrus A., to Hercules Powder Co. Ketene dimer sizing composition and process for sizing paper therewith. 2,865,743, 12-23-58, Cl. 92—3.
- Weisgerber, George A.: *See—*
- Black, James F., Guthrie, Weisgerber, and Helgl. 2,845,388.
- Fischl, Fred B., and Weisgerber. 2,860,040.
- Weisgerber, William C. Dispensing cans. 2,849,164, 8-26-58, Cl. 222—480.
- Weishaar, Norman C. Automobile tire side-wall washing machine. 2,857,605, 10-28-58, Cl. 15—21.
- Weishaupf, Paul. Copying device for photographic work. 2,836,099, 5-27-58, Cl. 88—24.
- Weishuhn, Cecil R.: *See—*
- Baker, John J., and Weishuhn. 2,854,650.
- Weiskopf, Edwin C., to Technicon International, Ltd. Apparatus for processing histologic tissue and other materials. 2,845,045, 7-29-58, Cl. 118—612.
- Weisler, Irving: *See—*
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- Weisman, Maurice, to Modern Coffees, Inc. Infusion package with tab and method and apparatus for manufacture thereof. 2,861,403, 11-25-58, Cl. 53—14.
- Weisman, William: *See—*
- Falk, Morris, and Weisman. 2,826,893.
- Weismann, Albert A. Positive drive differential for motor vehicles. 2,865,228, 12-23-58, Cl. 74—650.
- Weismantel, Leo J. Simulated firecracker. 2,856,732, 10-21-58, Cl. 46—174.
- Weissner, Ralph H., to Wyssong & Miles Co. Roll forming machine with work releasing mechanism. 2,838,089, 6-10-58, Cl. 153—61.
- Weiss, Adolph, to American Can Co. Container coupler. 2,849,110, 8-26-58, Cl. 206—65.
- Weiss, Bernard. Photographic lens shade. 2,845,835, 8-5-58, Cl. 83—1.
- Weiss, Dewey S. Double lock trailer coupling. 2,842,380, 7-8-58, Cl. 280—504.
- Weiss, Edwin A., to Studebaker-Packard Corp. Heat control valve. 2,859,772, 11-11-58, Cl. 137—527.8.
- Weiss, Efram I. Ankle support. 2,830,585, 4-15-58, Cl. 128—166.
- Weiss, Ernest: *See—*
- Hazen, Edward J., and Weiss. 2,855,888.
- Weiss, Eugene S.: *See—*
- Abrams, Albert W., and Weiss. 2,854,168.
- Weiss, George, to New England Lead Burning Corp. Convertible slide. 2,839,299, 6-17-58, Cl. 272—56.5.
- Weiss, Gerhart, to Fairchild Engine and Airplane Corp. Differential governor. 2,850,588, 9-2-58, Cl. 200—61.46.
- Weiss, Harry. Electrode for fluorescent lamp. 2,849,637, 8-26-58, Cl. 313—109.
- Weiss, Henry J.: *See—*
- Morrissey, Richard T., and Weiss. 2,833,734.
- Weiss Herbert, to Siemens-Schuckertwerke Akt. Hall voltage generators. 2,852,732, 9-16-58, Cl. 323—94.
- Weiss, Irwin K., to General Motors Corp. Air suspended vehicle. 2,827,282, 3-18-58, Cl. 267—15.
- Weiss, Lionel E.: *See—*
- Hufford, Lewis C. 2,827,766.
- Weiss, Martin J.: *See—*
- Fields, Thomas L., Weiss, and Wright. 2,833,779.
- Weiss, Marvin: *See—*
- Gibbons, Walter G., Jones, Messner, and Weiss. 2,824,042.
- Weiss, Marvin, to Sperry Rand Corp., Ford Instrument Co. Division. Signal comparator. 2,866,016, 12-23-58, Cl. 179—171.
- Weiss, Marvin P. Plier-type gear operated ratchet tool. 2,831,384, 4-22-58, Cl. 81—57.
- Weiss, Matthias, to Maschinenfabrik Andritz Actiengesellschaft. Presses for producing continuous webs of material. 2,826,986, 3-18-58, Cl. 100—154.
- Weiss, Max T., to Bell Telephone Laboratories, Inc. Non-reciprocal multibranch wave guide component. 2,849,685, 8-26-58, Cl. 333—10.
- Weiss, Mortimer E., to Gulton Industries, Inc. Rotating ultrasonic drill. 2,818,686, 1-7-58, Cl. 51—56.
- Weiss, Mortimer E., to Gulton Industries, Inc. Ultrasonic drill. 2,831,295, 4-22-58, Cl. 51—59.
- Weiss, Paul: *See—*
- Small, Samuel N. Re. 24,477.
- Weiss, Paul, to Vereinigte Aluminium-Werke Akt. Method of producing aluminum. 2,843,475, 7-15-58, Cl. 75—68.
- Weiss, Richard, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Quick attachable mounting for photographic cameras. 2,824,503, 2-25-58, Cl. 95—86.
- Weiss, Richard, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Holding means for photographic masks and accessories. 2,833,191, 5-6-58, Cl. 95—49.
- Weiss, Richard J.: *See—*
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- Weiss, Robert O., and S. J. Lederer, to Metalsalts Corp. Substituted mercuric 8-hydroxy quinolates. 2,844,508, 7-22-58, Cl. 167—33.
- Weiss, Robert S., to Finney Mfg. Co. Radio frequency antennas. Re. 24,413, 1-7-58, Cl. 343—803.
- Weiss, Robert S., to Finney Mfg. Co. Television antennas. 2,837,742, 6-3-58, Cl. 343—749.
- Weiss, Shirley I. Method and equipment for growing crystals. 2,851,341, 9-9-58, Cl. 23—301.
- Weiss, Theodore J., L. H. Wiedermann, and G. A. Jacobson, to Swift & Co. Catalytic modification of fats. 2,865,759, 12-23-58, Cl. 99—118.
- Weiss, Thomas B. Rain cap. 2,832,961, 5-6-58, Cl. 2—195.
- Weiss, Walter J., and R. H. Graves, to The Texas Co. Drilling method. 2,856,154, 10-14-58, Cl. 255—1.8.
- Weiss, Walter J., and W. L. Hall, to The Texas Co. Drilling fluid. 2,856,355, 10-14-58, Cl. 252—8.5.
- Weiss, Walter J., and W. L. Hall, to The Texas Co. Preparation of a drilling fluid composition and method of use. 2,856,356, 10-14-58, Cl. 252—8.5.
- Weiss, Walter J., and W. L. Hall, to The Texas Co. Drilling fluid. 2,856,357, 10-14-58, Cl. 252—8.5.
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- Thirtle, John R., and Weissberger. 2,835,579.
- Weissborn, Frederick W., Jr., to General Electric Co. "Cross-ignition tube" assembly for gas turbine combustion system. 2,832,195, 4-29-58, Cl. 60—39.37.
- Weisse, Guenter K.: *See—*
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- Weissenberg, Gustav, and G. Bartz, to Ernst Leitz G. m. b. H. Electron optical elements and systems equivalent to light optical prisms for charge carriers in discharge vessels. 2,824,987, 2-25-58, Cl. 313—76.
- Weissenberg, Gustav, O. Ungemach, and N. Meinert. Optical crown glass. 2,866,712, 12-30-58, Cl. 106—47.
- Weisser, Fritz, to R. Stahl Maschinenfabrik. Explosion-proof switch. 2,837,617, 6-3-58, Cl. 200—168.
- Weisser, Fritz, to R. Stahl Maschinenfabrik. Explosion-proof casing for electrical switch. 2,851,563, 9-9-58, Cl. 200—168.
- Weissman, Seymour. Transport means for heavy self propelled machines. 2,821,936, 2-4-58, Cl. 104—45.
- Weisz, Paul B.: *See—*
- Prater, Charles D., and Weisz. 2,854,404.
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- Weisz, Paul B., to Socony Mobil Oil Co., Inc. Hydrocracking with a physical mixture of catalyst particles containing platinum. 2,854,401, 9-30-58, Cl. 208—111.
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- Weisz, Paul B., to Socony Mobil Oil Co., Inc. Method for removing peripheral material from porous solids. 2,856,367, 10-14-58, Cl. 252—411.
- Weisz, Thomas A., to J. S. Kamborian. Lasting machine with adhesive delivery control. 2,843,863, 7-22-58, Cl. 12—8.3.
- Weiszburg, János: *See—*
- Lakotos, György, Szabó, Szigeti, and Weiszburg. 2,838,623.
- Weltkamp, Alfred W., J. W. Arkis, and G. W. Flint, to Standard Oil Co. Urea adducts of quaternary heterocyclic-nitrogen halides. 2,830,039, 4-8-58, Cl. 260—96.5.
- Weits, John: *See—*
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- Weits, John, and H. J. Held, to Ducon Co., Inc. Trickle valve. 2,838,063, 6-10-58, Cl. 137—382.
- Weitzell, Max E.: *See—*
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- Weitzner, Adolph. Combination heating, lighting and ventilating system for buildings. 2,853,596, 9-23-58, Cl. 240—9.
- Weizelman, Lawrence M., and T. D. Brown, to The O. A. Sutton Corp., Inc. Stator for induction motor. 2,854,596, 9-30-58, Cl. 310—198.
- Weksler, Sydney, to Thermometer Corp. of America. Thermometer. 2,826,071, 3-11-58, Cl. 73—352.
- Welbourn, John T.: *See—*
- Bridge, Lawrence R., and Welbourn. 2,823,756.
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- Welch, Albert B., to Westinghouse Electric Corp. Deflection system for color television. 2,862,142, 11-25-58, Cl. 315—21.
- Welch Allyn, Inc.: *See—*
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- Welch, Arthur R. Apparatus for depositing overlay material on plywood panels. 2,847,701, 8-19-58, Cl. 18—4.
- Welch, Clarence M., to A. M. Penrod and S. R. Davis, Jr. Plastic spoon. 2,824,369, 2-25-58, Cl. 30—324.
- Welch, Edward Sobier, Jr., to Fenwal Laboratories, Inc. Fluid container port structure attaching method. 2,850,422, 9-2-58, Cl. 154—118.
- Welch, Eldred V.: *See—*
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- Welch, Kimo M., to International Harvester Co. Disk harrow torsion control apparatus. 2,860,471, 11-18-58, Cl. 55—81.
- Welch, Nicholas A., to The American Hardware Corp. Back-set extension link. 2,822,202, 2-4-58, Cl. 292—1.

- Welch, Nicholas A., to The American Hardware Corp. Cylinder lock. 2,862,380, 12-2-58, Cl. 70—366.
- Welch, Pierre R. Polyhalocarbon coating composition. 2,844,557, 7-22-58, Cl. 260—043.
- Welch, Robert B., to Revolve Products, Inc. Display cabinet. 2,859,081, 11-4-58, Cl. 312—120.
- Welch, Stanley B., to General Electric Co. Surface heating unit control system. 2,838,645, 6-10-58, Cl. 219—20.
- Welch, Stanley B., to General Electric Co. Infinitely variable control switch. 2,838,646, 6-10-58, Cl. 219—20.
- Welch, W. M., Mfg. Co.: *See—*
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- Welch, William R., to Koenig Iron Works, Inc. Vehicle suspension mechanism. 2,843,394, 7-15-58, Cl. 280—104.5.
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- Welcher, Richard P., and D. W. Kaiser, to American Cyanamid Co. Allyl-N-allylcarbamate; N-allylcarbamates. 2,819,292, 1-7-58, Cl. 260—468.
- Welch, Arnold E., to Deere John Van Brunt Co. Fertilizer distributor. 2,852,163, 9-16-58, Cl. 222—232.
- Welcker Corp., The: *See—*
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- Welcker, Roland L., to The Welcker Corp. Electrolytic water correction device. 2,833,709, 5-6-58, Cl. 204—248.
- Welcraft Products Co., Inc.: *See—*
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- Welden, William A., to Revere Copper and Brass Inc. Canisters. 2,849,149, 8-26-58, Cl. 220—82.5.
- Weldin, Thomas D., to E. I. du Pont de Nemours and Co. Continuous process for preparing alkylated alkylol urea resins. 2,849,421, 8-26-58, Cl. 260—70.
- Welding Industry Research & Patent Corp.: *See—*
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- Welding Research, Inc.: *See—*
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- Weldmore Co., Inc.: *See—*
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- Weldon, James O. Amplifiers. 2,836,665, 5-27-58, Cl. 179—171.
- Weldon, James O. Protective circuits. 2,845,529, 7-29-58, Cl. 250—27.
- Weldon Tool Co., The: *See—*
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Bergstrom, Walter C. 2,829,544.
- Weldy, Winfred E., to Hercules Powder Co. Hydroperoxides of alkaryl sulfonic acids and salts thereof. 2,829,158, 4-1-58, Cl. 260—502.
- Welinsky, Irving H., to Pittsburgh Consolidation Coal Co. Carbonization of agglomerative coals. Re. 24,574, 12-9-58, Cl. 202—14.
- Welker, Heinrich: *See—*
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- Wellauer, Max, to Sulzer Frères, Société Anonyme. Turbo-compressor plant. 2,828,066, 3-25-58, Cl. 230—117.
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- Weller, Harvey C., and G. F. Daley, Jr., to Surface Combustion Corp. Glass annealing Lehr. 2,822,645, 2-11-58, Cl. 49—47.
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- Weller, Sol W. to Houdry Process Corp. Removal of heavy metals from petroleum stocks. 2,854,399, 9-30-58, Cl. 208—88.
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- Welles, Donald P., Jr., to Besley-Welles Corp. Fluteless swaging tap. Re. 24,572, 12-2-58, Cl. 10—152.
- Wellington, Charles E., to W. R. Grace & Co. Method of preparing alumina and hydroforming catalyst thereon. 2,852,473, 9-16-58, Cl. 252—451.
- Wellington, Cary L. Automatic loading and unloading winding arbor. 2,851,226, 9-9-58, Cl. 242—67.
- Wellington, Roger D., to General Motors Corp. Method of making rotary blower. 2,853,766, 9-30-58, Cl. 29—156.4.
- Wellman Engineering Co., The: *See—*
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- Wellman, Samuel K., to S. K. Wellman Co. Welded brake shoe assembly. 2,824,629, 2-25-58, Cl. 188—234.
- Wellman, Samuel K., to The S. K. Wellman Co. Friction assembly. 2,863,211, 12-9-58, Cl. 29—182.3.
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Wells, Alfred W. 2,838,267.
- Wells, Alfred W., 1/2 to A. Wells & Co. Ltd., and 1/2 to United-Carr Fastener Corp. Anti-vibration mounting devices. 2,838,267, 6-10-58, Cl. 248—358.
- Wells, Archibald H., A. H. Nissan, A. P. Highton, and L. F. Hopkins, to The Bowater Research and Development Co. Ltd. Gloss meter. 2,866,375, 12-30-58, Cl. 88—14.
- Wells, Bert. Combined sponge and squeeze with duplex control means. 2,842,789, 7-15-58, Cl. 15—121.
- Wells, Bruce A., and C. C. Lawry, to General Electric Co. Electrical speed control system for engines. 2,827,910, 3-25-58, Cl. 137—30.
- Wells, Elwood D.: *See—*
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- Wells, Ernest R. Cattle guard. 2,846,194, 8-5-58, Cl. 256—14.
- Wells, Florence C. Child's bib. 2,835,895, 5-27-58, Cl. 2—49.
- Wells, George M.: *See—*
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- Wells Industries Corp.: *See—*
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- Wells, Ira M., and H. A. Olds. Road patching machine. 2,833,187, 5-6-58, Cl. 94—42.
- Wells, James G., and H. C. Golz, to Elgin Metalformers Corp. Equipment cabinet structure. 2,855,261, 10-7-58, Cl. 312—257.
- Wells, John H. Window washing device. 2,832,086, 4-29-58, Cl. 15—131.
- Wells, Kenneth L. Terminal connecting tool with terminal distorting projection. 2,836,888, 5-27-58, Cl. 81—15.
- Wells, Robert H.: *See—*
Titchen, Robert S., Rosenthal, and Wells. 2,838,488.
- Wells, Robert H., to Celanese Corp. of America. Process for the preparation of cellulose acetate in an esterification medium of acetic acid, acetic anhydride, methylene chloride and sulfuric acid. 2,844,575, 7-22-58, Cl. 260—227.
- Wells, Robert H., and B. B. White, to Celanese Corp. of America. Production of lower aliphatic acid ester of cellulose from wood pulp. 2,827,455, 3-18-58, Cl. 260—229.
- Wells, Roger, to The Diamond Gardner Corp. Apparatus for molding pulp articles. 2,854,897, 10-7-58, Cl. 92—57.
- Wells, Roger, to Diamond Gardner Corp. Pulp stock thickener. 2,860,973, 11-18-58, Cl. 92—20.
- Wells, Ronald A.: *See—*
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- Wells, Russell A. Boat loader and carrier. 2,834,491, 5-13-58, Cl. 214—450.
- Wells, Sheldon E., to Lombard Corp. Valve mechanism. 2,855,961, 10-14-58, Cl. 141—346.
- Wells, Sheldon E., to Lombard Corp. Rotary casting machine. 2,861,303, 11-25-58, Cl. 22—77.
- Wells, Theodore A., to Central Engineering Corp. Tension weighing system. 2,836,062, 5-27-58, Cl. 73—141.
- Wells, Theodore A., to Central Engineering Corp. Weighing system. 2,860,868, 11-18-58, Cl. 265—71.
- Wells, Thomas E. Accelerator hydraulic holding units. 2,864,352, 12-16-58, Cl. 123—98.
- Wells, Wesley B., to Westinghouse Air Brake Co. Electrical relay contact support and relay indexing. 2,830,139, 4-8-58, Cl. 200—1.
- Wells, Wesley B., and R. M. Adkins, to Westinghouse Air Brake Co. Electrical relays. 2,833,885, 5-6-58, Cl. 200—104.
- Wells, William H., and F. J. De Benedetti. Hide cleaner. 2,854,681, 10-7-58, Cl. 15—92.
- Wells, William S., to Daisy Mfg. Co. Popgun construction. 2,837,865, 6-10-58, Cl. 46—175.
- Wels, Bernard: *See—*
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- Welshbach Corp., The: *See—*
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Cromwell, William E. 2,850,446.
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Maggiolo, Allison. 2,865,937.
- Welsh, Erwin K., and G. L. Submerged object marker. 2,820,971, 1-28-58, Cl. 9—9.
- Welsh, George I. Differential transmission. 2,850,922, 9-9-58, Cl. 74—711.
- Welsh, George W., and S. E. Hill, to Sears, Roebuck and Co. Self-propelled power saw. 2,848,081, 8-19-58, Cl. 192—12.

- Welsh, Glenn L.: *See*—
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- Welsh, Herbert F.: *See*—
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- Welsh, Herbert F., to Sperry Rand Corp. Card punching device. 2,836,245, 5-27-58, Cl. 164-111.
- Welsh, Herbert F., J. P. Eckert, Jr., and E. I. Blumenthal, to Sperry Rand Corp. Information translating apparatus. 2,860,325, 11-11-58, Cl. 340-347.
- Welsh, Jay Y., to Manganese Chemicals Corp. Electrolytically dissolving iron. 2,834,726, 5-13-58, Cl. 204-82.
- Welsh, John P.: *See*—
Firth, John W. Johnson, and Welsh. 2,857,283.
- Welsh, Matilda D. Baby seat. 2,854,060, 9-30-58, Cl. 155-11.
- Welsh, Matilda D., and F. E. Miller; said Miller assor, to said Welsh. Brake for baby carriage. 2,864,465, 12-16-58, Cl. 188-20.
- Welsh, Richard D.: *See*—
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- Welsh, William. Pulse generators. 2,850,568, 9-2-58, Cl. 178-69.5.
- Welshenbach, Charles D.: *See*—
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- Welshenbach, Charles D., to West Virginia Pulp and Paper Co. Container. 2,833,456, 5-6-58, Cl. 229-23.
- Welshenbach, Charles D., to West Virginia Pulp and Paper Co. Counter display unit. 2,851,237, 9-9-58, Cl. 248-198.
- Welstead, Charles H. Micrometer scale. 2,853,684, 10-14-58, Cl. 33-143.
- Welt, Martin A., and M. Smutz, to United States of America, Atomic Energy Commission. Method of processing monazite sand. 2,849,286, 8-26-58, Cl. 23-14.5.
- Weter, Willy, to Wheelabrator Corp. Roller conveyor. 2,860,766, 11-18-58, Cl. 198-127.
- Weltman, Clarence A.: *See*—
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- Weltman, Clarence A., to Alox Corp. Corrosion inhibitor composition. 2,832,742, 4-29-58, Cl. 252-77.
- Weltner, Charles L. Remote control device. 2,842,979, 7-15-58, Cl. 74-471.
- Welton, Russell L., and J. B. Steen, to Chicago Pneumatic Tool Co. Roller bearing for rock bit cutter. 2,823,083, 2-11-58, Cl. 308-8.2.
- Weltronic Co.: *See*—
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- Welty, Albert B., Jr., to Esso Research and Engineering Co. Fluid hydroforming process using a platinum catalyst and inert heat transfer solids. 2,846,364, 8-5-58, Cl. 196-50.
- Welty, Albert B., Jr., W. O. Taft, D. D. MacLaren, and E. J. Gornowski, to Esso Research and Engineering Co. Hydroforming with fluidized catalyst and inert heat transfer solid. 2,856,351, 10-14-58, Cl. 208-140.
- Welty, Charles V.: *See*—
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- Welty, Frank and R., to Carbonic Dispenser, Inc. Valve for dispensing carbonated and non-carbonated beverages. 2,855,958, 10-14-58, Cl. 137-637.
- Welty, Raymond: *See*—
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- Welty, William R., to Hughes Aircraft Co. Electrical ballistic computing system. 2,833,470, 5-6-58, Cl. 235-61.5.
- Wemboener, Rolf, to E. L. Wiegand Co. Method of making sheathed electric resistance heaters. 2,853,765, 9-30-58, Cl. 29-155.5.
- Wempe, Kenneth A., and R. E. Smith, to Gladiola Biscuit Co. Biscuit package and liner. 2,823,130, 2-11-58, Cl. 99-172.
- Wenaas, Paul E., and C. S. Miner, Jr., to Simoniz Co. Polish-ing composition and method. 2,846,321, 8-5-58, Cl. 106-10.
- Wenda, Henry T., and D. H. Rhino, to Wendt-Sonits Co. Cutting tool and insert clamping means therefor. 2,865,084, 12-23-58, Cl. 29-96.
- Wendel, Dorothy G. Pocket surveying device. 2,822,618, 2-11-58, Cl. 33-72.
- Wendel, Lorenz A.: *See*—
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- Wendel, Lorenz A., to The Singer Mfg. Co. Electric clutch-brake driving devices. 2,834,444, 5-13-58, Cl. 192-18.
- Wendel, Winters O.: *See*—
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- Wendela, Hugo H., to General Motors Corp. Rear view mirror. 2,844,999, 7-29-58, Cl. 88-93.
- Wendell, Charles B., Jr., and G. E. Engelson, to Godfrey L. Cabot, Inc. Apparatus for making aluminum oxide. 2,829,949, 4-8-58, Cl. 23-142.
- Wendell, Charles B., Jr., G. E. Engelson, and H. P. Donohue, Jr., to Godfrey L. Cabot, Inc. Metal halide generator. 2,849,293, 8-26-58, Cl. 23-281.
- Wendell, David. Garment retainer. 2,832,962, 5-6-58, Cl. 2-236.
- Wendell, Everett J., to Hole Fire Pump Co. Rotary valves. 2,825,527, 3-4-58, Cl. 251-96.
- Wendell Mfg. Co.: *See*—
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- Wendler, Norman L.: *See*—
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- Wendler, Norman L., to Merck & Co., Inc. Process of producing 2-methyl-3-phytyl-1,4-naphthohydroquinone. 2,831,899, 4-22-58, Cl. 260-625.
- Wendling, John, to The Magnavox Co. Switch mechanism. 2,838,623, 6-10-58, Cl. 200-11.
- Wendolowski, Eugene S., and A. C. Walker, to Control Electronics Co., Inc. Printed delay line. 2,847,648, 8-12-58, Cl. 333-29.
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- Wendt, Douglas C. Method for making molds and castings. 2,822,592, 2-11-58, Cl. 22-200.
- Wendt, Eugen. Door for refrigerator. 2,827,118, 3-18-58, Cl. 160-363.
- Wendt, Gerhard R., to American Home Products Corp. Method of preparing sulfur-containing organic mercurial diuretics and intermediates therefor. 2,834,795, 5-13-58, Cl. 260-431.
- Wendt, Karl G. Timing gear setting tool. 2,821,788, 2-4-58, Cl. 33-181.
- Wendt, Paul H., and K. R. Eldredge. Paper-handling apparatus. 2,819,076, 1-7-58, Cl. 271-27.
- Wendt, Robert H. Earth anchors, tent stakes, and the like. 2,858,917, 11-4-58, Cl. 189-92.
- Wendt-Sonits Co.: *See*—
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- Wendt, Walter F., to Mathias Klein & Sons. Hook forming pliers. 2,848,724, 8-26-58, Cl. 7-5.6.
- Wendt, Walter F., to Mathias Klein & Sons. Long nose cutting pliers. 2,848,810, 8-26-58, Cl. 30-261.
- Wengen, Henry R., and F. T. Hampe, to Fargo Mfg. Co., Inc. Anchoring device. 2,835,949, 5-27-58, Cl. 24-126.
- Wengen, Henry R., and R. L. Walker, Jr., to Fargo Mfg. Co., Inc. Connector structure. 2,853,522, 10-28-58, Cl. 339-264.
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- Weninger, Peter. Vehicles with attached stowable tent-like structures. 2,847,018, 8-12-58, Cl. 135-5.
- Wen-Mac Corp.: *See*—
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- Wennerg, Peder K., to Wegner Machinery Corp. Hydraulic device. 2,844,104, 7-22-58, Cl. 103-162.
- Wenner, Charles B., to Airkem, Inc. Valve aligning means. 2,821,435, 1-28-58, Cl. 299-82.5.
- Wenner, Charles B., to Airkem, Inc. Door actuated atomizing devices. 2,821,436, 1-28-58, Cl. 299-82.5.
- Wenner, Charles B., to Airkem, Inc. Multi-purpose container and diffuser device. 2,836,462, 5-27-58, Cl. 299-24.
- Wenner, Wilhelm: *See*—
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- Wennerbo, Erik, to Industriaktiebolaget Luxor. Multispeed turntable drive. 2,851,891, 9-16-58, Cl. 74-190.
- Wenner-Gren, Axel L., J. Hinsen, and W. Rethel, to Alweg-Forschung, Gesellschaft mit beschränkter Haftung. Mono beam systems and apparatus. 2,853,956, 9-30-58, Cl. 104-120.
- Wennin, Ernest S.: *See*—
Kerstetter, Donald R., and Wennin. 2,843,517.
- Wenninger, Clifford E., to American-Marietta Co. Sand cleaning system. 2,861,304, 11-25-58, Cl. 22-89.
- Wenning, Heinrich, to Chemische Werke Huils Aktiengesellschaft. Process for the polymerization of monomeric vinyl halide compounds to uniform homogeneous granules. 2,820,028, 1-14-58, Cl. 260-92.8.
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- Wenston, Robert A.: *See*—
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- Wenthe-Davidson Engineering Co.: *See*—
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- Wenthe, William F., to Wenthe-Davidson Engineering Co. Welding electrodes. 2,850,620, 9-2-58, Cl. 219-120.
- Wentling, Ralph E. Fastener holding pliers. 2,842,997, 7-15-58, Cl. 81-418.
- Wentling, William H., to The Lau Blower Co. Blowers. 2,830,752, 4-15-58, Cl. 230-117.
- Wentling, William H., to The Lau Blower Co. Fan stand. 2,830,779, 4-15-58, Cl. 248-13.
- Wentworth, Chandler, to Radio Corp. of America. Miniature intermediate-frequency transformer. 2,823,359, 2-11-58, Cl. 336-30.
- Wentworth, Starr S., to Dodge Mfg. Corp. Power transmission units with thermal overload cutout. 2,844,782, 7-22-58, Cl. 318-472.
- Wentz, Edward A., to Specialties Development Corp. Wind-ing machine. 2,858,992, 11-4-58, Cl. 242-7.
- Wentz, Marshall H.: *See*—
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- Wentz, Robert R.: *See*—
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- Wenz, Herbert: *See*—
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- Wenz, John, to Foster Wheeler Corp. Collocating gage for cutting apparatus. 2,830,377, 4-15-58, Cl. 33—185.
- Wenzel, Alfred W. W.: *See—*
- Koppenberg, Heinrich, and Wenzel. 2,832,681.
- Wenzel, Werner. Process for smelting ores. 2,846,300, 8-5-58, Cl. 75—26.
- Wenzel, William J.: *See—*
- Knight, Kenneth K., and Wenzel. 2,824,616.
- Wenzelberger, Elwood P.: *See—*
- Novak, Leo J., and Wenzelberger. 2,856,372.
- Wenzelberger, Elwood P., to The Commonwealth Engineering Co. of Ohio. Variable density foam cushions, pillow and the like. 2,822,554, 2-11-58, Cl. 5—337.
- Wenzelberger, Elwood P., to The Commonwealth Engineering Co. of Ohio. Molding compositions comprising dextran or derivative and method of molding. 2,826,557, 3-11-58, Cl. 260—17.4.
- Wenzelberger, Elwood P., to The Commonwealth Engineering Co. of Ohio. Storage batteries, more particularly storage battery plates and method of manufacture. 2,834,825, 5-13-58, Cl. 136—69.
- Wenzelberger, Elwood P., to The Commonwealth Engineering Co. of Ohio. Blend of dextran-modified polyester resins with metallo-organic complexes. 2,843,553, 7-15-58, Cl. 260—17.4.
- Wenzelberger, Elwood P., to Midland Chemical Corp. Water emulsion paint containing carboxymethyl dextran as a thickener. 2,854,421, 9-30-58, Cl. 260—17.4.
- Wenzelberger, Elwood P., to Union Carbide Corp. Centrifugal separator. 2,858,942, 11-4-58, Cl. 210—374.
- Wenzelberger, Elwood P., to Union Carbide Corp. Method for dehydrating heat sensitive materials from liquids. 2,862,824, 12-2-58, Cl. 99—205.
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- Werfel, Bernard: *See—*
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- Werle, Otto P. Multiple block distance gauge. 2,831,256, 4-22-58, Cl. 33—168.
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- Schneider, Kenneth O., and Wermuth. 2,850,202.
- Werndl, Ernst F., to Bulova Research and Development Laboratories, Inc. Frictionless free gyroscope. 2,857,767, 10-28-58, Cl. 74—5.37.
- Werner, Alfred H., to United States Steel Corp. Strip coiling mandrel. 2,865,575, 12-23-58, Cl. 242—78.4.
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- Werner, Arnold J., to Wagner Iron Works. Automatic taping mechanisms. 2,841,305, 7-1-58, Cl. 216—29.
- Werner, Byron H.: *See—*
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- Werner, Byron H., to The Firestone Tire & Rubber Co. Stopping agent for vinyl chloride polymerization. 2,822,355, 2-4-58, Cl. 260—87.5.
- Werner, Calvin J., to General Motors Corp. Filter. 2,862,623, 12-2-58, Cl. 210—445.
- Werner, Ewald, to Nordberg Mfg. Co. Shaft bushing and lubricating means therefor. 2,829,932, 4-8-58, Cl. 308—36.4.
- Werner, Ewald, to Nordberg Mfg. Co. Crusher main frame. 2,860,837, 11-18-58, Cl. 241—285.
- Werner, Frank: *See—*
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- Werner, Friedrich, to Askania-Werke A. G. Optical tilt correcting device. 2,843,001, 7-15-58, Cl. 88—1.
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- Werner, Herman E. W., to Norsk Thermoform Industri. Flower-pot cover. 2,745,735, 8-5-58, Cl. 41—10.
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- Hopkins, Thomas R., Francis, and Werner. 2,832,770.
- Werner, Jesse: *See—*
- Steckler, Robert, and Werner. 2,853,468.
- Werner, Jesse, to General Aniline & Film Corp. Polyvinyl halide resin compositions containing N-vinylpyrrolidone polymers and process of sizing glass therewith. 2,853,465, 9-23-58, Cl. 260—45.5.
- Werner, Jesse, to General Aniline & Film Corp. Process for precipitating tannins and proteinaceous materials from liquid media. 2,860,987, 11-18-58, Cl. 99—48.
- Werner, Jesse, F. A. Hessel, and D. B. Witwer, to General Aniline & Film Corp. Method of controlling plant pests with an iodine adduct of a copolymer of N-vinyl pyrrolidone and a polymerizable vinyl compound containing one all-phatic double bond. 2,853,417, 9-23-58, Cl. 167—33.
- Werner, Jesse, and F. A. Hessel, to General Aniline & Film Corp. Process of reacting carbohydrates with various reagents in the presence of 2-pyrrolidone or N-methyl-2-pyrrolidone. 2,853,485, 9-23-58, Cl. 260—234.
- Werner, Leo C., to Westinghouse Electric Corp. Grid construction. 2,821,651, 1-28-58, Cl. 313—350.
- Werner, Luczio and F. Fluid propelled aircraft. 2,834,560, 5-13-58, Cl. 244—23.
- Werner, Max, to North American Philips Co., Inc. Flash lamp packaging. 2,852,134, 9-16-58, Cl. 206—65.
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- Perpignani, Marino, and Werner. 2,837,244.
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- Wernick, Klaus, to International Standard Electric Corp. Arrangement for telephones with an amplifying device connected in series with the receiver capsule. 2,844,658, 7-22-58, Cl. 179—81.
- Wernli, Max: *See—*
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- Wernlund, Christian J., to E. I. du Pont de Nemours and Co. Bright copper plating. 2,825,684, 3-4-58, Cl. 204—52.
- Wernlund, Christian J., to Elechem Corp. Bright copper plating bath containing mixtures of metal compounds. 2,859,159, 11-4-58, Cl. 204—44.
- Wernlund, Christian J., and P. F. Bente, Jr., to E. I. du Pont de Nemours & Co. Process of making a catalyst. 2,842,486, 7-8-58, Cl. 204—48.
- Wernitz, James H.: *See—*
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- Wernz, Donald E., and M. M. Schwartz, to The Martin Co. Dip brazing. 2,844,867, 7-29-58, Cl. 29—487.
- Wersching, Jacob A. Liquid dispensing pump. 2,824,672, 2-25-58, Cl. 222—207.
- Wershaw, Irving B. Therapeutic tablets. 2,827,420, 3-18-58, Cl. 167—82.
- Werth, Adam. Method and means of prestressing. 2,857,755, 10-28-58, Cl. 72—61.
- Werth, Rudolph G., to B. S. Oren. Portable electric belt sanding machine. 2,819,565, 1-14-58, Cl. 51—170.
- Wertheimer, Milton A., to Gelman Mfg. Co. Wrapping and sealing machine. 2,853,841, 9-30-58, Cl. 53—210.
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- Wertman, David: *See—*
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- Girouard, Philias H., Stanton, Hickman, Wertman, and Campbell. 2,855,828.
- Wertman, David. Rapid fire gun slide hydraulic control system. 2,834,256, 5-13-58, Cl. 89—45.
- Wery, Albert G.: *See—*
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- Werych, Ewald R., and L. W. Peterson, to Industrial Electronic Engineering Corp. High frequency dielectric heating apparatus. 2,820,875, 1-21-58, Cl. 219—10.75.
- Weschler, Joseph R.: *See—*
- Bartell, Charles, and Weschler. 2,848,105.
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- Hicks, William W., and Beckett. 2,825,102.
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- Wesolowski, Milton: *See—*
- Voss, Edward A., and Wesolowski. 2,843,073.
- Wesp, George L.: *See—*
- Slocombe, Robert J., and Wesp. 2,829,125.
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Lemieux, Charles A. and L. E. 2,828,511.
- Wessells, Henry W., III: *See*—
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- Wessells, Herman A. Colonic irrigation device. 2,852,025,
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- Westlund, Robert E., L. W. Mader, and G. W. Johnson, to
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- Wessollek, Rudolf, to Koppers Co., Inc. Apparatus for trans-
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- Wesson, Ernest: *See*—
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- Wesson Multicut Co.: *See*—
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- Wesson Tool Co.: *See*—
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- West, Arthur B. Load carrying vehicle and track. 2,827,972,
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mower with power operated control means. 2,826,029,
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- West Chemical Products, Inc.: *See*—
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- West, Clarence W., to United Industries, Inc. Threshold.
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- West, Clifford H., to C & J Service, Inc. Joining strip for
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- West, De Witt H.: *See*—
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- West, Harold E. W., to Rolls-Royce Ltd. Starting and igni-
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ica Atomic Energy Commission. Plates with oxide inserts.
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- West, John W., and A. D. White, to Bell Telephone Labora-
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- West, Lyle A.: *See*—
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- Westerkamp, Hugo, to Tefi-Apparatebau Dr. Daniel K. G.
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- Anselmo, Roy P., and Kohr. 2,837,813.
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- Borke, Lars O. 2,821,251.
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- Brown, Raymond W., and Mitchell. 2,847,570.
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- Bunch, Tillman T. 2,820,987.
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- Drobish, Adolph E., and Hibben. 2,851,656.
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- Gray, Hugh A. 2,828,780.
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- Haggerty, Francis A., and McDuffee. 2,864,202.
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- Hancock, William M. 2,848,718.
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- Kalat, Joseph F. 2,860,947.
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- Ladrick, Ray C. 2,851,659.
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- Larsen, Leonard O., and Simpson. 2,845,986.
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 Zabriskie, Douglas M., and Moore. 2,853,251.

Westveld, Willem, J. W. Van Tyen, and B. Haes, to North American Philips Co., Inc. Production of silver mirrors by volatilisation. 2,819,982, 1-14-58, Cl. 117-35.

Westfahl, Jerome C., to The B. F. Goodrich Co. Method for preparing 1,1-dicyano ethyl substituted 1,3-diketones. 2,864,850, 12-16-58, Cl. 260-464.

Westfalia Separator A. G.: *See*—

Steinacker, Peter, and Hemfort. 2,828,069.
 Steinacker, Peter, and Hemfort. 2,840,302.
 Westfall, Clifford M., and K. M. Meall, to Chicago Bridge & Iron Co. Welding rod reel. 2,846,606, 12-30-58, Cl. 242-110.2.

Westfall, Paul F.: *See*—

Wright, Howard J., McGuire, and Westfall. 2,861,048.
 Westinger, Karl, E. Altenburger, and O. Hirt, to Olympia Werke A. G. Selecting and actuating means for arcuate type carriers. 2,832,283, 4-29-58, Cl. 101-93.

Westinghouse Air Brake Co.: *See*—

Adkins, Russell M. 2,836,775.
 Ashworth, Harry E. 2,836,774.
 Bentz, Ronald J., and Jeffrey. 2,861,843.
 Berkoben, Charles W. 2,858,092.
 Billetdeaux, Adrian C., and Shearer. 2,828,452.
 Blosser, Herman G. 2,852,664.
 Blosser, Herman G. 2,866,137.
 Bone, Herbert L. 2,831,283.
 Bone, Herbert L., and Logan. 2,858,419.
 Borst, Douglas R. 2,861,842.
 Bouvat-Martin, Jean. 2,861,638.
 Bowman, Spencer. 2,861,593.

Cook, Earle S. 2,836,466.
 Cook, Earle S. 2,846,270.

Cook, Earle S., and McClure. 2,858,168.

Cook, Earle S., McClure, and Rush. 2,821,442.

Cotter, George L. 2,821,440.

Cotter, George L. 2,829,011.

Cotter, George L. 2,841,447.

Cotter, George L. 2,841,450.

Cotter, George L. 2,858,169.

Crooks, Ralph K. 2,846,508.

Dellner, Raymond P. 2,828,109.

Eckhardt, Paul K. 2,852,760.

Emmel, David G. 2,848,707.

Erson, Erik G. 2,841,449.

Erson, Erik G., and Thomas. 2,830,849.

Failor, Charles W. 2,826,686.

Falkowski, Edward C. 2,819,682.

Finlay, Alexander. 2,820,097.

Frola, Joseph F. 2,858,167.

Frola, Joseph F., and May. 2,833,381.

George, John R., and Tsiang. 2,829,851.

George, John R., and Tsiang. 2,863,992.

Golladay, Lawrence R. 2,828,480.

Gorman, Andrew T. 2,860,928.

Gorman, Andrew T., and Worbois. 2,846,271.

Haines, Harvey A. 2,852,667.

Hedding, Linnie K. 2,854,609.

Hewitt, Ellis E. 2,853,974.

Hewitt, Ellis E., and Leffler. 2,841,181.

Hillig, John E. 2,863,993.

Hines, Claude M. 2,860,737.

Huffman, Donald D., and George. 2,851,589.

Hutnagel, Andrew. 2,838,631.

Hursen, Thomas F. 2,861,587.

Ihrig, Clifford D. 2,854,566.

Jacobs, William A. 2,852,666.

Jados, Walter T. 2,820,677.

Kelley, Cecil S. 2,824,713.

Kemmerer, Ralph R. 2,827,563.

Kemmerer, Ralph R. 2,838,656.

Kemmerer, Ralph R. 2,841,699.

Kemmerer, Ralph R. 2,852,665.

Kirk, Walter B. 2,846,272.

Landis, William C. 2,828,772.

Lihota, Joseph J. 2,861,844.

Luft, Philip H. 2,826,685.

May, Harry C. 2,822,220.

McClure, Glenn T. 2,829,010.

McClure, Glenn T. 2,830,851.

McClure, Glenn T., and Erson. 2,829,008.

McClure, Glenn T., and Luber. 2,829,009.

McClure, Glenn T., and Rush. 2,830,850.

McClure, Glenn T., and Rush. 2,858,170.

McMahon, James E., Jr. 2,856,516.

Mishelevich, Benjamin. 2,863,991.

Mishelevich, Benjamin, and Tsiang. 2,826,995.

Westinghouse Air Brake Co.: *See*—Continued

Nelson, Theodore W. 2,851,683.
 Newell, George K. 2,849,091.
 Newell, George K., and Wright. 2,821,270.
 Osterkamp, Henry C. 2,824,687.
 Paolino, Charles, Jr., and Wenston. 2,866,612.
 Pascoe, Frank T. 2,822,464.
 Pelikan, John M. 2,819,388.
 Pier, Jerome R. 2,841,180.
 Pier, Jerome R. 2,861,595.
 Poore, Wallace F. 2,828,771.
 Poore, Wallace F. 2,854,029.
 Rittle, Henry I. 2,819,099.
 Rush, John W., and McClure. 2,824,770.
 Sands, William J. 2,824,768.
 Sexton, Everett P., and Cook. 2,846,273.
 Shaw, Noble C. 2,833,983.
 Shields, Charles B. 2,841,745.
 Shields, Charles B. 2,841,757.
 Shields, Charles B. 2,843,731.
 Staples, Crawford E., and Shields. 2,854,567.
 Taylor, Thomas A. 2,827,019.
 Thomas, Glenn M. 2,824,769.
 Thomas, Glenn M. 2,854,288.
 Thomas, Glenn M. 2,858,166.
 Thompson, Howard A. 2,822,463.
 Tsiang, Sih Hsui. 2,826,360.
 Tsiang, Sih Hsui. 2,850,623.
 Weber, Charles L. 2,841,448.
 Wells, Wesley B. 2,830,139.
 Wells, Wesley B., and Adkins. 2,833,885.

Westinghouse Brake & Signal Co. Ltd.: *See*—

French, Eric L. 2,822,512.
 French, Eric L. 2,828,453.
 French, Eric L. 2,857,293.
 Lockett, Leslie J. 2,845,508.
 Marsh, Gerald C., Wilson, and Kershaw. 2,834,481.
 Martin, Raymond G. 2,834,892.
 Venning, Charles F. D., and Hawkes. 2,851,590.
 Walker, Alec H. B. 2,819,444.
 Walker, Alec H. B. 2,834,931.
 Walker, Alec H. B., Martin, and King. 2,832,032.

Westinghouse Bremsen-Gesellschaft, m. b. H.: *See*—

Leopold, Alfred-Rudolph. 2,836,270.
 Leopold, Alfred-Rudolph. 2,820,650.

Westinghouse Electric Corp.: *See*—

Abell, Donald E. 2,862,161.
 Aldrich, Donald F., and Wall. 2,819,371.
 Albert, Daniel. 2,831,549.
 Altar, William, and Conley. 2,825,030.
 Amatel, Harold. 2,823,797.
 Anderson, Paul T., and Ramsey. 2,840,664.
 Arnott, Edward G. F., and Ivey. 2,863,084.
 Aron, Mitchell, and Miller. 2,840,736.
 Atti, Eros. 2,821,160.
 Austin, Bascom O. 2,821,666.
 Austin, Bascom O. 2,821,668.
 Austin, Bascom O., and Lightly. 2,821,667.
 Bailey, Francis T. 2,825,016.
 Baker, Floyd A., and McLeod. 2,828,463.
 Baker, Merle S., and Franck. 2,823,891.
 Barnett, Eugene J. 2,844,701.
 Baudry, René A. 2,836,445.
 Baudry, René A., and Heller. 2,828,428.
 Beach, Earl F. 2,866,044.
 Bechtold, James H., and Webb. 2,861,327.
 Beck, Edward F. W., and Ackermann. 2,858,476.
 Beese, Norman C. 2,838,678.
 Berberich, Leo J., and Works. 2,849,525.
 Bergmann, Charles. 2,865,687.
 Bichsel, Harry J. 2,866,147.
 Bichsel, Harry J., and Baeslack. 2,823,331.
 Bingenheimer, Melvin. 2,849,581.
 Bingenheimer, Melvin. 2,866,026.
 Bires, Alexander C., Jr., and Slebodnik. 2,821,596.
 Bobo, Powell O., and Carleton. 2,862,173.
 Boiney, Joseph F. 2,824,849.
 Booker, Clyde A., Jr., and Nagel. 2,819,372.
 Born, William F., and Wallace. 2,840,630.
 Botts, John C. 2,821,493.
 Boyd, Bruce, and Gelpi. 2,858,406.
 Boyer, John L., and Colaiaco. 2,849,665.
 Boyer, John L., and Marcum. 2,825,022.
 Boykin, John R. 2,831,632.
 Braun, Herman J. 2,839,743.
 Brent, George D. P., and Wacht. 2,820,486.
 Bricker, Samuel R. 2,866,283.
 Bright, Richard L., and Royer. 2,821,639.
 Brodersen, Rolf K. 2,843,805.
 Brown, John K. 2,847,821.
 Brown, Myron J. 2,840,723.
 Brown, William B. 2,853,588.
 Brunner, Mathias J. 2,831,627.
 Eugenstern, Walter A. 2,831,532.
 Burke, Edward, and Kement. 2,857,133.
 Burns, Robert T., and Rowlen. 2,849,574.
 Calderwood, Robert H. 2,857,932.
 Caldwell, Lewis E., and Hausmann. 2,839,943.
 Camarata, Frank J., and Wiener. 2,835,079.
 Cameron, James M., and Baeslack. 2,845,526.
 Cametti, Benjamin, and Wenfer. 2,824,983.
 Carl, Wellington C., and Rhyme. 2,853,666.
 Carleton, James T., and Bobo. 2,862,172.

Westinghouse Electric Corp.: See—Continued

Carpenter, David B., and Palmer. 2,845,555.
 Cellerini, Albert R. 2,849,555.
 Cellerini, Albert R. 2,866,027.
 Cellerini, Albert R., and Dorfman. 2,849,572.
 Ceresa, Myron, and Bohman. 2,858,257.
 Ceresa, Myron, and Bohman. 2,861,928.
 Ceresa, Myron, and Crain. 2,861,927.
 Cerulli, Nicholas F. 2,851,408.
 Chabala, Leonard V. 2,832,010.
 Cham, Edward J., and Derr. 2,832,049.
 Chauvin, David M., and Harris. 2,858,511.
 Cherry, Sidney J., and Gerard. 2,840,748.
 Chivers, James R. 2,865,281.
 Christensen, Oswald A. 2,823,700.
 Chrzanowski, Edward J. 2,862,103.
 Cichanowicz, Henry J. 2,836,734.
 Clark, Earl K., and Parr. 2,838,989.
 Claybourn, Glen L., and West. 2,824,939.
 Cochardt, Alexander W., and Hogue. 2,829,048.
 Cohan, William E., and Goldman. 2,828,442.
 Collins, Howard W. 2,845,590.
 Collins, Robert E., and Plagge. 2,840,490.
 Cordon, James W. 2,840,518.
 Conner, John P., and Bright. 2,827,545.
 Cornish, Albert J. 2,865,085.
 Cotter, George H. 2,836,705.
 Courtney, John J., and Irwin. 2,862,122.
 Cowdery, Joseph K. 2,865,187.
 Cunningham, Marvin H. 2,854,273.
 Currie, Gilbert. 2,833,975.
 Currie, Gilbert. 2,840,769.
 Dalley, Hampton J. 2,828,437.
 Dalley, Hampton J. 2,840,753.
 Deise, Louis F. 2,853,634.
 Deise, Louis F. 2,858,380.
 Derr, Willard A. 2,840,797.
 Derr, Willard A., and Cadwell. 2,840,802.
 Derr, Willard A., and Cham. 2,832,948.
 Derr, Willard A., and Cham. 2,866,159.
 Destriau, Georges. 2,853,061.
 De Witt, Benjamin. 2,853,619.
 Dickinson, Robert C., and Olsson. 2,866,043.
 Diener, Henry C., Jr. 2,858,528.
 Dumond, Roy L. 2,831,508.
 Dyer, Tom L., Jr. 2,862,132.
 Eames, William F. 2,828,476.
 Eames, William F. 2,852,756.
 Eames, William F., and Santini. 2,827,981.
 Eberhart, Arthur H. 2,822,566.
 Edelman, Leonard E., and Robbins. 2,821,518.
 Edgerly, Charles R., and Brady. 2,843,428.
 Edwards, Andrew W., and Meyer. 2,836,768.
 Else, Harry D., Basel, and Braun. 2,862,119.
 Emerson, William A. 2,828,397.
 Emerson, William A. 2,836,634.
 Emerson, William A., Baker, and Jaworski. 2,824,729.
 Emerson, William A., Brown, and Kuhne. 2,840,677.
 Estrada, Herbert, Jr., Hammond, and Ward. 2,853,675.
 Etzel, Eugene P., and Wei. 2,857,541.
 Euler, Frederick J., Jr. 2,845,545.
 Ewing, Clifton H. 2,842,320.
 Ewing, Clifton H. 2,848,172.
 Faust, John W., Jr. 2,861,931.
 Fickett, Walter A., and Chauvin. 2,849,605.
 Fields, Arnold C. 2,822,535.
 Fields, Arnold C. 2,861,648.
 Findley, Joseph D., Jr. 2,866,031.
 Firestone, Edward. 2,849,552.
 Florschutz, Fritz E. 2,836,688.
 Fox, John J. 2,860,227.
 Fox, Roy C., and Lusby. 2,853,620.
 Frakes, James H. 2,853,538.
 Frame, Thomas E., and Heck. 2,858,378.
 Fraser, William M. 2,860,972.
 Freeman, James H., and Edelman. 2,840,542.
 Frink, Russell E. 2,849,579.
 Gainer, Gordon C., and Luck. 2,821,507.
 Gamberg, Edward R., and Cameron. 2,866,080.
 Gelpi, Maurice J., and Wilkinson. 2,836,802.
 Gelzheiser, Francis L., and Dorfman. 2,836,687.
 Giachino, George E. 2,831,629.
 Gihoney, Ray E. 2,824,360.
 Gibson, Gordon P., and Moore. 2,836,740.
 Gillies, Wallace, and Horner. 2,858,471.
 Glassburn, William E. 2,836,767.
 Godfrey, Donald R., and Tisdell. 2,857,999.
 Good, Paul F., and Rogalski. 2,828,119.
 Green, Elbertson D., and Woolfson. 2,848,613.
 Grissinger, George G., Sandin, and Lindstrom. 2,824,925.
 Gugli, Walter B. 2,840,727.
 Halvorsen, Robert L., and Beale. 2,862,056.
 Harder, John E. 2,829,218.
 Harm, Alson R., Ogg, and Niebauer. 2,858,395.
 Hanna, Clinton R., and Lynn. 2,853,090.
 Hanna, Clinton R., and Lynn. 2,860,889.
 Hanna, Clinton R., and Lynn. 2,861,550.
 Harper, Walter J. 2,829,265.
 Harrover, Robert E., Jr. 2,853,443.
 Hartwig, Edward C. 2,834,918.
 Hartwig, Edward C. 2,866,134.
 Hartwig, Edward C., and Van Ness. 2,840,764.
 Henkels, Herbert W. 2,858,489.

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Herrold, Jack L. 2,840,792.
 Heuschkel, Julius. 2,862,102.
 Hibbard, Lloyd J. 2,858,458.
 Hickam, William M., and Fox. 2,836,790.
 Hierholzer, Frank J., Jr., and Thorington. 2,838,705.
 Hobbs, William M. 2,845,537.
 Hockstein, Alfred R., and Hegarty. 2,836,262.
 Hoge, Henri H., and Spotten. 2,841,712.
 Horn, Merl E. 2,840,663.
 Huerkamp, Edward C., and Steiner. 2,847,561.
 Huffman, John W. 2,847,554.
 Hull, Robert E., and Brittain. 2,832,043.
 Hull, Robert E., Wallace, and Younklin. 2,858,493.
 Immel, Ralph B. 2,853,660.
 Immel, Ralph B. 2,858,487.
 Immel, Ralph B., and White. 2,854,591.
 Inglehart, Ferdinand C. 2,845,504.
 Irvin, Charles F. 2,828,168.
 Jacobs, Rudolph A., Jr. 2,831,917.
 Jennings, Oliver S. 2,824,922.
 Jesse, Ralph D. 2,836,771.
 Jesse, Ralph D. 2,840,662.
 Johnson, Edwin W. 2,849,658.
 Johnson, John L. 2,824,959.
 Johnson, Warren C. 2,853,104.
 Johnson, Warren C., and Anderson. 2,849,638.
 Jones, Charles H. 2,821,569.
 Jones, Charles H. 2,863,939.
 Jones, Charles L. 2,824,934.
 Kadri, Frederick V. 2,832,048.
 Karlick, Robert F., and Frink. 2,825,007.
 Kelley, Ralph R., and Coiby. 2,845,477.
 Kenyon, Alonzo P., Abell, and Hull. 2,840,724.
 Kiefer, Paul J., Jr. 2,857,765.
 Kimbrough, Laurence B., Carbo, Egar, and Simpson. 2,858,405.
 King, George E. 2,853,669.
 King, George E., and White. 2,854,587.
 King, Raymond E., Jr., and Schuh. 2,840,725.
 Kintzing, Reese T. 2,861,469.
 Knochel, William J., and Cox. 2,853,639.
 Kocan, Stephen J., and Walz. 2,860,761.
 Koch, Gustav H. 2,842,346.
 Koerner, Harry E. 2,849,620.
 Kornetz, Norman S. 2,840,636.
 Kornetz, Norman S. 2,845,488.
 Kostelich, John F. 2,825,146.
 Kozlovic, John M. 2,831,947.
 Kraus, Harry. 2,844,700.
 Krenke, Vincent G. 2,825,013.
 Krenke, Vincent G. 2,866,029.
 Kruper, Andrew P. 2,862,109.
 Kruper, Andrew P., and Jones. 2,862,141.
 Kruper, Andrew P., Roberts, Kuntz, and Jones. 2,840,738.
 Large, William E. 2,833,978.
 Large, William E. 2,849,608.
 Laucher, Richard G. 2,828,603.
 Laucher, Richard G. 2,840,984.
 Lee, Reuben. 2,824,955.
 Leeds, Winthrop M. 2,821,608.
 Leeds, Winthrop M. 2,866,045.
 Leeds, Winthrop M., Baker, and Friedrich. 2,840,670.
 Le Ferre, Peter E. 2,858,431.
 Lehmann, Willi. 2,840,741.
 Leister, Robert E. 2,849,607.
 Lempert, Joseph. 2,845,559.
 Lenehan, Bernard E. 2,849,680.
 Lewin, Gerhard. 2,821,511.
 Lewis, Charles W. 2,840,627.
 Lewis, Daniel W. 2,828,279.
 Lingal, Harry J. 2,828,380.
 Lingal, Harry J., Tremblay, and Hauser. 2,836,684.
 List, Frederick A., Jr., and Egglestone. 2,836,780.
 Longini, Richard L. 2,836,520.
 Longini, Richard L. 2,836,521.
 Longini, Richard L. 2,840,497.
 Longini, Richard L. 2,840,755.
 Longini, Richard L. 2,862,184.
 Lowry, Lewis R., Jr. 2,845,593.
 Lowry, Lewis R., Jr., and Stearley. 2,858,502.
 Lund, Alvin O., and Ostrander. 2,857,986.
 Macha, Edward A. 2,861,530.
 Marbury, Ralph E. 2,828,436.
 Marmo, Anthony B. 2,824,192.
 Marshall, Donald E. 2,840,737.
 Matthews, Donald. 2,831,543.
 May, Frederick T. 2,823,809.
 Mazur, Victor N. 2,836,782.
 McAdie, Colin H. 2,832,026.
 McClellan, Cyril E. 2,840,819.
 McCown, William E. 2,857,537.
 McCreary, Henry S., Jr. 2,852,694.
 McDonald, John E. 2,834,536.
 McDonald, John E. 2,836,348.
 McDonald, John E. 2,847,952.
 McDonald, John E., and Carlson. 2,822,132.
 McLane, Fletcher E. 2,840,762.
 McNally, Frank X. 2,836,515.
 Meier, Arthur P., and Denison. 2,823,633.
 Meier, Arthur P., and Lytle. 2,831,406.
 Meister, George, and Heine. 2,840,751.
 Midgley, Eric L. 2,828,049.

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Mikos, John J., and Moss. 2,821,606.
 Miller, Carl F. 2,862,134.
 Miller, Carl F. 2,862,136.
 Miller, Coleman J. 2,832,047.
 Miller, Joseph F. 2,840,789.
 Miller, Stephen. 2,831,944.
 Minter, Herbert F., and Swiss. 2,840,538.
 Mistler, George R. 2,824,255.
 Moore, Raymond W. 2,853,668.
 Moore, Robert L. 2,861,151.
 Morley, Fred J., Jr., and Manno. 2,866,079.
 Morley, Fred J., Jr., Manno, and Dixon. 2,845,524.
 Mullan, Daniel. 2,857,044.
 Mullan, Daniel, and Zaubay. 2,847,699.
 Nagel, George W. 2,857,591.
 Narbutovskih, Paul. 2,845,472.
 Narbutovskih, Paul. 2,849,523.
 Narbutovskih, Paul. 2,858,355.
 Nelson, James K. 2,857,748.
 Nelson, James K. 2,859,496.
 Nissenon, Phineas S., and Mazur. 2,862,163.
 Okress, Ernest C. 2,828,445.
 Okress, Ernest C., and Green. 2,840,493.
 Oplinger, Kirk A., and Holliday. 2,827,789.
 Palmer, Karl. 2,862,183.
 Palmer, Reed A. 2,849,946.
 Palmer, Reed A. 2,857,838.
 Palmer, Reed A. 2,865,279.
 Farr, Bernard F. 2,853,815.
 Farr, Bernard F. 2,853,936.
 Parsons, John R. 2,853,672.
 Payne, Wesley J. 2,862,135.
 Peach, James W., and Kuhne. 2,858,404.
 Perkins, Harley A., Jr. 2,832,066.
 Perkins, Harley A., Jr., and Emery. 2,828,448.
 Peterson, Robert E., Ungert, and Jenkins. 2,848,611.
 Petro, James. 2,843,271.
 Petzinger, Ambrose J. 2,866,158.
 Pickels, George W., IV, and Champney. 2,858,483.
 Pierce, Lawrence, Immel, and Kmonk. 2,821,088.
 Pittman, George F., Jr., Decker, and Bright. 2,824,697.
 Place, Mark I. 2,824,574.
 Platte, William N. 2,834,870.
 Platte, William N. 2,839,819.
 Popovich, Montgomery T., and Roethlisberger. 2,865,980.
 Potter, Marion G. 2,845,551.
 Price, David B. 2,856,844.
 Price, George E. 2,839,655.
 Quely, Martin F. 2,824,829.
 Rambo, Sheldon I. 2,848,897.
 Rambo, Sheldon I., and Vore. 2,840,763.
 Ramsey, James B., and Anderson. 2,831,943.
 Rasmussen, Arne P., and Huddleston. 2,853,255.
 Rasmussen, Arne P., and Place. 2,824,712.
 Rasmussen, Arne P., and Watson. 2,831,643.
 Rauh, Herbert H. 2,850,598.
 Rauh, Herbert H. 2,853,583.
 Ray, Billy M. 2,828,363.
 Rebuffoni, Martin, and Pettit. 2,825,004.
 Redding, Arnold H. 2,853,880.
 Rehberg, Richard A. 2,823,747.
 Reichert, Howard E., and Fouse. 2,824,901.
 Reitz, Harold W. 2,848,792.
 Reuther, John F., and Silliman. 2,845,583.
 Rice, Willard W., Jr. 2,824,625.
 Richards, Harrison H. C., Jr. 2,862,087.
 Richards, Harrison H. C., Jr., and Lowry. 2,862,111.
 Richardson, Earl L. 2,822,057.
 Riesz, Kolman. 2,849,564.
 Rimbach, John W. 2,835,636.
 Ringelman, John F., and Lynn. 2,862,197.
 Ringelman, John F., and Timmel. 2,862,112.
 Roberts, William L. 2,858,464.
 Roberts, William L., and Kruper. 2,821,637.
 Robinson, Donald L. 2,845,552.
 Rogers, Dow A., Jr. 2,829,191.
 Rogers, Dow A., Jr., and Lewis. 2,849,527.
 Rohrer, Kenneth L. 2,836,573.
 Rome, Martin. 2,824,986.
 Roos, William J., and Richardson. 2,822,058.
 Rosen, Frank. 2,851,559.
 Rosen, Frank, and Rosenberg. 2,824,193.
 Ross, William M. 2,847,028.
 Royer, George H., and Bright. 2,849,614.
 Royer, George H., and Bright. 2,858,456.
 Rugg, Harold H., and Crabbs. 2,824,938.
 Samios, George, and King. 2,836,770.
 Sandin, Jerome. 2,836,769.
 Santini, Danilo. 2,847,059.
 Santini, Danilo, and Fink. 2,847,091.
 Santini, Danilo, and Marredis. 2,840,189.
 Santini, Danilo, and Suozzo. 2,826,270.
 Santini, Danilo, and Suozzo. 2,827,982.
 Sattler, Frank A., and Langer. 2,821,517.
 Savage, Conwell. 2,840,188.
 Savino, Henry C., and Ostrander. 2,857,987.
 Scala, Sinclair M. 2,841,182.
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- Cook, Nelson E., and Norteman. 2,824,020.
- Cook, Nelson E., and Norteman. 2,824,021.
- Wheelock, George L., and J. R. Smith, to The B. F. Goodrich Co. Suspension polymerization system for alkenyl aromatic polymers. 2,836,584, 5-27-58, Cl. 260-84.3.
- Wheelock, Juanita K. Sanitation facilitating sleeping garment for infants. 2,849,718, 9-2-58, Cl. 2-83.
- Whelan, George M. Line sighting and leveling device. 2,863,219, 12-9-58, Cl. 33-73.
- Whelan, James M., to Bell Telephone Laboratories, Inc. Method of purifying silicon tetrachloride and germanium tetrachloride. 2,821,460, 1-28-58, Cl. 23-87.
- Wherley, Fred J.: *See*—
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- Whetstone, Rich R.: *See*—
 Stiles, Alan R., and Whetstone. 2,865,944.
- Whetstone, Richard R., and S. A. Ballard, to Shell Development Co. Soil fumigation. 2,840,503, 6-24-58, Cl. 167-39.
- Whetstone, Richard R., F. C. Davis, and C. M. Monroe, to Shell Development Co. Copper salts of nonylated naphthalene sulfonic acids. 2,864,742, 12-16-58, Cl. 167-32.

- Whicker, Joseph E., and R. W. Mann. Centerline rotary electrical contactor device. 2,833,996, 5-6-58, Cl. 339-2.
- Whiffen and Sons Ltd.: See—
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Reed, Ronald A. 2,859,243.
- Whinery, George B., to King-Seely Corp. Temperature controlling apparatus. 2,846,556, 8-5-58, Cl. 219-20.
- Whipple, Francis O.: See—
Herschler, Robert J., Jaffe, and Whipple. 2,846,409.
- Whipple, Fred L., to United States of America, Air Force. Dispensing mechanism for packaged window material. 2,856,185, 10-14-58, Cl. 271-23.
- Whipple, George H.: See—
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- Whipple, John E., to Fram Corp. Fiber disc filter cartridges. 2,856,076, 10-14-58, Cl. 210-352.
- Whipple, Richard R., to Western Electric Co., Inc. Method of making a toroidal magnetic device. 2,865,086, 12-23-58, Cl. 29-153.57.
- Whirl-A-Way Corp., The: See—
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- Whisenant, Dewey A., to J. I. Case Co. Plow spring loaded furrow wheel. 2,851,939, 9-16-58, Cl. 97-53.
- Whistler, Charles C., Jr.: See—
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- Whistler, Lawrence V., Jr.: See—
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- Whistler, Lawrence V. and L. V., Jr. Detachable tool fastening means. 2,844,378, 7-22-58, Cl. 279-97.
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- Whitacre, Charles H., to The Standard Oil Co. Corrosion inhibiting lubricating oil. 2,833,717, 5-6-58, Cl. 252-33.4.
- Whitacre, Donald D., to The Whitacre-Greer Fire Proofing Co. Hot top. 2,846,741, Cl. 22-147.
- Whitacre-Greer Fire Proofing Co., The: See—
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- Whitaker, Arthur C.: See—
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- Whitaker, Arthur C., to Gulf Research & Development Co. Method of oxidizing aldehydes. 2,828,337, 3-25-58, Cl. 260-530.
- Whitaker, Arthur C., to Gulf Research & Development Co. Production of 1,1-dialkoxalkanes from alcohols. 2,860,171, 11-11-58, Cl. 260-615.
- Whitaker, Charles R. Apparatus for extruding ground meat or the like products. 2,832,093, 4-29-58, Cl. 17-32.
- Whitaker, Fred: See—
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- Whitaker, Robert W., to A. O. Smith Corp. Process of making a lightweight structural panel. 2,839,442, 6-17-58, Cl. 154-118.
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- Whitaker, William D., to The Garrett Corp. Turbine wheel exducer structure. 2,859,933, 11-11-58, Cl. 253-39.
- Whitbeck, Roland A. Apparatus for applying liquid to, and drying, metal stock. 2,823,640, 2-18-58, Cl. 118-64.
- Whitbeck, Roland A. Fishing kite. 2,843,965, 7-22-58, Cl. 43-43.13.
- Whitbeck, Roland A., to Pennsalt Chemicals Corp. Spray washer and applicator. 2,853,048, 9-23-58, Cl. 118-314.
- Whitby, Kenneth T., to Superior Separator Co. Stratifier and air separator. 2,828,011, 3-25-58, Cl. 209-20.
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- Whitcomb, Richard T. Apparatus for reducing exhaust gas pressure in internal combustion engines. 2,841,951, 7-8-58, Cl. 60-32.
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- White, Alan D., to Bell Telephone Laboratories, Inc. Method and apparatus for fabricating gaseous discharge devices. 2,825,618, 3-4-58, Cl. 316-1.
- White, Arthur H. Machine for producing spherical surfaces. 2,836,939, 6-3-58, Cl. 51-131.
- White, Barrie L.: See—
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- White, Benjamin C., to L. T. Wolchik. Tilttable bed trailer. 2,828,036, 3-25-58, Cl. 214-505.
- White, Blanche B.: See—
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- White, Blanche B., and C. L. Smart to Celanese Corp. of America. Production of organic esters of cellulose by heterogeneous esterification. 2,860,132, 11-11-58, Cl. 260-227.
- White Cap Co.: See—
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- White, Carroll C. Sitz bath. 2,850,743, 9-9-58, Cl. 4-185.
- White, Charles S. Ball joint bearing structure. 2,835,521, 5-20-58, Cl. 287-90.
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- White, Chester N.: See—
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- White Development Corp., The: See—
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- White, Edmund B. Bottle opener with rotatably mounted skirt engaging member. 2,836,998, 6-3-58, Cl. 81-3.46.
- White, Edward J.: See—
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- White, Eldridge S., to Robbins Tire and Rubber Co., Inc. Tire retreading mold with mechanical tire expander assembly. 2,834,049, 5-13-58, Cl. 18-18.
- White, Eldridge S., to Robbins Tire & Rubber Co., Inc. Mold construction. 2,835,921, 5-27-58, Cl. 18-18.
- White, Eric L., to Electric & Musical Industries Ltd. Automatic tracking circuits. 2,866,966, 12-30-58, Cl. 343-7.3.
- White, Eric L. C.: See—
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- White, Eric L. C., to Electric & Musical Industries Ltd. Television camera level control circuit. 2,852,601, 9-16-58, Cl. 173-7.2.
- White, Ernest G., to The Standard Oil Co. Method for cooling and lubricating cutting tools. 2,851,764, 9-16-58, Cl. 29-106.
- White, Frank H. Toy airplane glider. 2,820,322, 1-21-58, Cl. 46-81.
- White, Fred L.: See—
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- White, Frederick R., Jr., to E. I. du Pont de Nemours and Co. Viscosimeter probe. 2,819,610, 1-14-58, Cl. 73-59.
- White, George. Line checking devices. 2,855,469, 10-7-58, Cl. 179-175.002.
- White, George A.: See—
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- White, George W.: See—
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- White, Gerald, to Libbey-Owens-Ford Glass Co. Method and apparatus for heating and bending glass sheets. 2,850,844, 9-9-58, Cl. 49-7.
- White, Gerald, and A. L. Moore, to Libbey-Owens-Ford Glass Co. Support device for sheet materials. 2,863,566, 12-9-58, Cl. 211-41.
- White, Gerald A., to C. F. Braun & Co. Gas processing. 2,864,772, 12-16-58, Cl. 252-376.
- White, Gerald N., to Photo-Chemical Co. Ltd. Process of reacting dioxane or piperazine with certain active methyl-substituted quaternized heterocyclic bases. 2,825,731, 3-4-58, Cl. 260-298.
- White, Gifford E., and E. W. Grant, to Statham Instruments, Inc. Inductive transducer. 2,836,803, 5-27-58, Cl. 336-119.
- White, Halbert C.: See—
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- White, Halbert C., to The Dow Chemical Co. Resolution of dl-lysine with D-camphoric acid. 2,859,244, 11-4-58, Cl. 260-534.
- White, Harman J. Blower structure for a grain separator. 2,855,142, 10-7-58, Cl. 230-128.

- White, Harry B., to AMP Inc. Circuit continuity check splice. 2,852,631, 9-16-58, Cl. 200—51.11.
- White, Harry J.: See—
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- White, Harry J., and H. J. Hall, to Research Corp. Electrostatic precipitator rapping system. 2,854,089, 9-30-58, Cl. 183—7.
- White, Herbert C., Jr., 50% to Temple-White Co., Inc. Handle connector. 2,827,318, 3-18-58, Cl. 287—108.
- White, Herbert E. Cable clamp. 2,863,198, 12-9-58, Cl. 24—123.
- White, Hubert S., to the United States of America as represented by the Secretary of the Navy. Bearing compositions containing polytetrafluoroethylene and polytrifluorochloroethylene. 2,824,060, 2-18-58, Cl. 252—122.
- White, Howard T. Motor driven pumps. 2,825,286, 3-4-58, Cl. 103—118.
- White, Ivan J., and C. S. Harriman. Race tracks. 2,836,419, 5-27-58, Cl. 272—5.
- White, Jack M.: See—
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- White, James, to Bemis Bro. Bag Co. Sealing apparatus. 2,864,428, 12-16-58, Cl. 154—42.
- White, James A.: See—
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- White, James E., and P. L. Lawrence, to Socony Mobil Oil Co., Inc. Seismic wave analysis. 2,861,645, 11-25-58, Cl. 181—5.
- White, James P. Device for practicing golf strokes. 2,823,038, 2-11-58, Cl. 273—197.
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- White, James T. Eccentrically movable top roll clearer for drawing frames. 2,830,329, 4-15-58, Cl. 19—139.
- White, Jerome R., K. R. Thuler, and J. C. Webb, to The Jack Webb Corp. Sandwich heating machine. 2,839,650, 6-17-58, Cl. 219—10.67.
- White, John, to The Robert Mitchell Co. Ltd. Fuel ignition method for coal burning railway car heaters. 2,825,636, 3-4-58, Cl. 44—34.
- White, John A., to General Precision Laboratory Inc. Heat transfer system. 2,819,330, 1-7-58, Cl. 174—16.
- White, John J., to ACF Industries, Inc. Rocket dispensers. 2,826,961, 3-18-58, Cl. 89—1.7.
- White, John R., to the United States of America as represented by the Secretary of the Navy. Continuous precision tuning system. 2,827,567, 3-18-58, Cl. 250—36.
- White, John U., to The White Development Corp. Raman tube apparatus. 2,827,825, 3-25-58, Cl. 88—14.
- White, Joseph C., and S. Schuldiner, to United States of America, Navy. Apparatus for determining specific gravity of an acid solution. 2,844,532, 7-22-58, Cl. 204—195.
- White, K. M., Co.: See—
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- White, Kenneth M., to K. M. White Co. Load responsive control means for elevator car. 2,854,095, 9-30-58, Cl. 187—29.
- White, Kenneth M., J. J. Drexler, and P. Duckwall, III, to K. M. White Co. Elevator dispatching and control system. 2,854,096, 9-30-58, Cl. 187—29.
- White, Leslie C., to United States Rubber Co. Strap vamp shoe. 2,853,806, 9-30-58, Cl. 36—11.5.
- White, Leslie E., to Herrick L. Johnson, Inc. Pump for liquefied gases. 2,831,325, 4-22-58, Cl. 62—1.
- White, Loyd J., to Southern Steel Co. Keyless locking and operating systems for cell doors. 2,837,182, 6-3-58, Cl. 189—7.
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- White, Marshall P., and C. J. Mahler, to Westinghouse Electric Corp. Switching devices. 2,856,591, 10-14-58, Cl. 336—110.
- White, Maurice W., W. R. Browning, and M. E. Hinkle. Rotatable cleaning tool. 2,866,212, 12-30-58, Cl. 15—88.
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- White, Nancy M. Doorway puppet stage. 2,834,150, 5-13-58, Cl. 46—13.
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- White, Paul F., to Furnas Electric Co. Magnetically actuated switch and compressor unloader. 2,844,673, 7-22-58, Cl. 200—52.
- White, Paul F., to Furnas Electric Co. Magnetic switch assembly. 2,855,548, 10-7-58, Cl. 317—191.
- White, Percy, and H. L. Boymer, to J. Lyons & Co. Ltd. Method of packaging ice cream. 2,848,337, 8-19-58, Cl. 99—180.
- White, Ralph G.: See—
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- White, Raymond E.: See—
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- White, Raymond E., to Bemis Bro. Bag Co. Drying apparatus. 2,838,296, 6-10-58, Cl. 263—3.
- White, Richard A., to the United States of America as represented by the Secretary of the Navy. Pulse forming circuit. 2,830,178, 4-8-58, Cl. 250—27.
- White, Richard A., to Westinghouse Electric Corp. High frequency corona shield. 2,840,750, 6-24-58, Cl. 313—313.
- White, Richard A., to United States of America, Navy. Measuring apparatus. 2,850,702, 9-2-58, Cl. 333—22.
- White, Richard B., to Kent-Moore Organization, Inc. Throttle lever checking gauge. 2,820,301, 1-21-58, Cl. 33—181.
- White, Richard B., to Kent-Moore Organization, Inc. Reversible, torque-limiting wrench. 2,820,381, 1-21-58, Cl. 81—52.4.
- White, Robert C. Vibrating conveyor. 2,853,180, 9-23-58, Cl. 198—220.
- White, Robert G. Air-operated spot welding device. 2,859,330, 11-4-58, Cl. 219—89.
- White, Robert J. Resilient retaining frame for glass panels. 2,837,782, 6-10-58, Cl. 20—56.
- White, Robert M., to The Chicago Hardware Foundry Co. Resistance heating element. 2,834,867, 5-13-58, Cl. 219—39.
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- White, Roby B., to American Radiator & Standard Sanitary Corp. Electrical measuring circuits for mass flowmeters. 2,819,437, 1-7-58, Cl. 318—28.
- White, Roby B., to American Radiator & Standard Sanitary Corp. Coriolis mass flowmeter. 2,832,218, 4-29-58, Cl. 73—194.
- White-Rodgers Co.: See—
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- White, Roger B., to The Glastic Corp. Manufacture of articles from thermosetting materials. 2,818,606, 1-7-58, Cl. 18—55.
- White, Roger B., to The Glastic Corp. Electric insulator and method of making same. 2,841,636, 7-1-58, Cl. 174—138.
- White, Roger L., to The Lawrence Paper Co. Collapsible shelter. 2,837,777, 6-10-58, Cl. 20—2.
- White, Roger L., and R. C. Miller, to The Lawrence Paper Co. Shipping container. 2,819,008, 1-7-58, Cl. 229—23.
- White, Roger L., R. C. Miller and L. E. Young, to The Lawrence Paper Co. Shipping container for produce. 2,841,319, 7-1-58, Cl. 229—37.
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- White, Sidney H., and R. J. Webb, to Aerostyle Ltd. Liquid spray apparatus. 2,860,918, 11-18-58, Cl. 299—86.
- White, Stanley F., to E. V. Bracken. Apparatus for generating sound. 2,866,513, 12-30-58, Cl. 181—31.
- White, Thomas A. Rotary drilling bit. 2,861,779, 11-25-58, Cl. 255—61.
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- White, Walter R., and G. F. Nadeau, to Eastman Kodak Co. Coating apparatus. 2,855,894, 10-14-58, Cl. 118—258.
- White, Warren D., to United States of America, Army. Position correcting means for track-while-scan channels. 2,849,707, 8-26-58, Cl. 343—7.3.
- White, Willard W. Clothes pin clip. 2,825,950, 3-11-58, Cl. 24—87.
- White, William C., to General Electric Co. Pool-type electric discharge apparatus. 2,824,254, 2-18-58, Cl. 313—165.
- White, William C., to General Electric Co. Microwave beam transmitter. 2,855,543, 10-7-58, Cl. 315—34.
- White, William H., to United States Rubber Co. Gelled vinyl chloride polymer plastisols and method of making same. 2,831,824, 4-22-58, Cl. 260—30.6.
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- Whitecar, Alten E., to Smith, Kline & French Laboratories. Inserting apparatus. 2,843,982, 7-22-58, Cl. 53—55.
- Whitecar, Alten E., to Smith, Kline & French Laboratories. Ampule orienting device. 2,857,039, 10-21-58, Cl. 198—33.
- White Castle System, Inc.: See—
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- Whited, Ralph E., and A. E. Maybrun. Grease fitting. 2,856,025, 10-14-58, Cl. 184—105.
- Whitefield, Bernard. Processing and means for caramelizing caramel, toffee and similar substances. 2,835,589, 5-20-58, Cl. 99—134.

- Whitehead, Arthur F.: *See—*
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- Whitehead, Derek J., to Magnesium Elektron Ltd. Magnesium base alloys. 2,823,115, 2-11-58, Cl. 75—168.
- Whitehead, Edwin C., to Technicon International, Ltd. Tissue-holder receptacles. 2,837,055, 6-3-58, Cl. 118—500.
- Whitehead, Eric A. N., and J. A. C. Kinnear, to Elliott Brothers (London) Ltd. Waveguide mode transformers. 2,830,273, 4-8-58, Cl. 333—21.
- Whitehead, George W. Article dispensing mechanism for vending machines. 2,844,283, 7-22-58, Cl. 221—42.
- Whitehead, Harold S., to General Electric Co. Directional systems sensitive to rates of turn. 2,866,934, 12-30-58, Cl. 318—489.
- Whitehead, James, to William Bodden & Son Ltd. Flyer and paddle or presser for flyers of yarn or thread winding machines. 2,840,980, 7-1-58, Cl. 57—117.
- Whitehead, John. Apparatus for forming a continuous series of stitches in a predetermined pattern. 2,855,877, 10-14-58, Cl. 112—2.
- Whitehead & Kales Co.: *See—*
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- Whitehead, Leslie T., to Power Jets (Research and Development) Ltd. Tubular blades. 2,861,775, 11-25-58, Cl. 253—77.
- Whitehead, Leslie T., to Power Jets (Research and Development) Ltd. Ducting for high temperature fluids. 2,863,474, 12-9-58, Cl. 138—47.
- Whitehead, Ned. Identification card. 2,835,993, 5-27-58, Cl. 40—2.2.
- Whitehead, Richard K. Neb. 2,821,752, 2-4-58, Cl. 19—134.
- Whitehead, Richard K. Neb. 2,832,998, 5-6-58, Cl. 19—134.
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- Bouras, Marlan E., Harrison, Whitehorn, Tyson, and Mellor. 2,831,094.
- Whitehurst, Harry B., and W. H. Otto, to Owens-Corning Fiberglas Corp. Method and apparatus for applying metal to glass. 2,848,390, 8-19-58, Cl. 204—20.
- Whitehurst, Harry B., and W. H. Otto, to Owens-Corning Fiberglas Corp. Metal coated fibrous glass. 2,849,338, 8-26-58, Cl. 117—126.
- Whitehurst, Harry B., and W. P. Warthen, to Owens-Corning Fiberglas Corp. Production of coated-glass fibers. 2,861,393, 11-25-58, Cl. 49—17.
- Whitehurst, Joe R., to Ideal Industries, Inc. Electrostatically insulated coil head mechanism. 2,832,999, 5-6-58, Cl. 19—159.
- Whitelaw, Stephen H. Therapeutic device for use in manipulative treatment of joints of the human body. 2,832,334, 4-29-58, Cl. 128—25.
- Whiteley, Fred H. Tool for removing crown caps from bottles. 2,856,804, 10-21-58, Cl. 81—3.46.
- Whiteman, Irvin R., and J. T. Barron, to Milton Roy Co. High-pressure pump. 2,841,092, 7-1-58, Cl. 103—153.
- Whitesel, Harry A., to Amana Refrigeration, Inc. Multiple temperature refrigeration system. 2,860,494, 11-18-58, Cl. 62—513.
- Whitesell, John C., to Crane Co. Bulb guide on molding diaphragm. 2,835,004, 5-20-58, Cl. 22—38.
- Whitesell, John C., to Crane Co. Flexible press head for pressure molding. 2,857,636, 10-28-58, Cl. 22—42.
- Whitfield, Edward C. Electrical cable support for mines. 2,823,001, 2-11-58, Cl. 248—49.
- Whitfield, Gordon H., to Imperial Chemical Industries Ltd. Production of acetylenic hydroxy compounds catalyzed by quaternary ammonium hydroxide anion exchange resin. 2,826,614, 3-11-58, Cl. 260—635.
- Whitfield, Harold B., Jr.: *See—*
Bernhardt, Ernest C., and Whitfield. 2,860,377.
- Hahn, Oliver M., and Whitfield. 2,819,231.
- Munger, Stanley H., Smithies, and Whitfield. 2,838,794.
- Whitfield, Marshall G. Integral wheel and drum. 2,822,218, 2-4-58, Cl. 301—6.
- Whitfield, Marshall G. Wire-wound brake drum or disc. 2,844,229, 7-22-58, Cl. 188—218.
- Whitham, Louis E. Storage equipment. 2,866,563, 12-30-58, Cl. 214—16.1.
- Whitin Machine Works: *See—*
Dudley, John S. 2,847,718.
- Dudley, John S. 2,858,575.
- Dudley, John S., Langlois, and Roy. 2,862,249.
- Newton, Ross B. 2,819,581.
- Newton, Ross B. 2,827,757.
- Schlums, Otto W. 2,843,998.
- Snow, Gerald A. 2,846,833.
- Spencer, Samuel P. 2,856,643.
- Szaloki, Zoltan. 2,836,858.
- Whiting, Percy C.: *See—*
Boughner, Lawrence G., and Whiting. 2,825,415.
- Whiting, Theodore A.: *See—*
Soussloff, Dimitri G., Duggan, and Whiting. 2,825,118.
- Whiting, William E., to Sylvania Electric Products Inc. Method of producing patterns. 2,837,429, 6-3-58, Cl. 96—35.
- Whitlinger, Melvin E. Whip finisher. 2,859,994, 11-11-58, Cl. 289—17.
- Whitlock, Howard D., to Hechethorn Mfg. & Supply Co. Electrostatic generator. 2,843,767, 7-15-58, Cl. 310—6.
- Whitlock, Robert A., Jr., to Aquamatic Inc. Multiport valve. 2,857,929, 10-28-58, Cl. 137—625.29.
- Whitlow, Eugene P., to Arkla Air Conditioning Corp. Heat exchange system for air conditioner. 2,823,015, 2-11-58, Cl. 257—3.
- Whitman, Gerald M.: *See—*
Foster, Robert E., and Whitman. 2,851,451.
- Graham, Peter J., and Whitman. 2,859,233.
- Whitman, Harlan M., to Curtis 1000, Inc. Banking envelope. 2,835,512, 5-20-58, Cl. 282—25.
- Whitman, Harlan M., to Curtis 1000, Inc. Banking envelope. 2,863,599, 12-9-58, Cl. 229—72.
- Whitman, Lawrence C., to General Electric Co. Vaporization cooled stationary electrical induction apparatus. 2,831,173, 4-15-58, Cl. 336—58.
- Whitman, Matthew R.: *See—*
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- Whitman, Ross, and M. Den Beste, to Rayette, Inc. Hair waving method and neutralizing compositions. 2,840,086, 6-24-58, Cl. 132—7.
- Whitmire, Emmett S., to Volunteer Portland Cement Co. Bag filling spout. 2,861,604, 11-25-58, Cl. 141—285.
- Whitmire, Edward J.: *See—*
MacDonald, Kenneth A., and Whitmore. 2,836,885.
- Whitmire, John F. Protective cover for agricultural crops. 2,835,078, 5-20-58, Cl. 47—21.
- Whitmire, Keith E., to Eastman Kodak Co. Method for preparing masked images. 2,848,326, 8-19-58, Cl. 96—44.
- Whitmire, Keith E., to Eastman Kodak Co. Photographic color reproduction process using colored couplers. 2,852,370, 9-16-58, Cl. 96—9.
- Whitmire, Keith E., and E. T. Pesch, to Eastman Kodak Co. Photographic color correction process using 2-azo-1-naphthol dyes. 2,860,975, 11-18-58, Cl. 96—49.
- Whitmore, Robert A.: *See—*
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- Whitmore, Robert A., to Food Machinery and Chemical Corp. Method for preserving food products in sealed containers of viscous material. 2,862,822, 12-2-58, Cl. 99—182.
- Whitmoyer, Clay: *See—*
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- Whitmoyer Laboratories, Inc.: *See—*
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- Lux, Russell E., and Brubaker. 2,823,161.
- Whitnack, Gerald C.: *See—*
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- Whitney, Anthony M., to New England Wooden Ware Corp. Corner construction for a chick box. 2,844,293, 7-22-58, Cl. 229—6.
- Whitney, Donald R., to General Motors Corp. Work chuck. 2,860,882, 11-18-58, Cl. 279—6.
- Whitney, Ellsworth D.: *See—*
Faust, John P., Mangold, and Whitney. 2,849,290.
- Whitney, John A.: *See—*
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- Whitney, John M.: *See—*
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- Whitney, Martin J.: *See—*
Pool, Stuart D., and Whitney. 2,833,367.
- Whitney, Paul V., to The Jeffrey Mfg. Co. Overload release device. 2,828,161, 3-25-58, Cl. 287—52.05.
- Whitney, Paul V., to The Jeffrey Mfg. Co. Mold conveyor. 2,848,102, 8-19-58, Cl. 198—181.
- Whitney, Ralph H., to Owens-Illinois Glass Co. Ball and socket plastic fitting. 2,823,403, 2-18-58, Cl. 15—132.7.
- Whitney, Ruby: *See—*
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- Whitney, William B., to Phillips Petroleum Co. Process for sulfonating oils with chlorosulfonic acid. 2,864,857, 12-16-58, Cl. 260—504.
- Whitney, William B., to Comstock & Wescott, Inc. Automatic insertion of pins, etc., in holes. 2,833,091, 5-6-58, Cl. 53—142.
- Whitsel, Travis S., Jr.: *See—*
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- Whitsel, Travis S., Jr., to Phillips Petroleum Co. Process for drying wet carbon black pellets. 2,843,942, 7-22-58, Cl. 34—10.
- Whitso Inc.: *See—*
Whitted, John B. 2,820,209.
- Whitson, Mrs. Clare H.: *See—*
Whitson, John W. and C. H. 2,852,308.

- Whitson, John W., $\frac{1}{2}$ to Mrs. C. H. Whitson. Liquid fuel injectors. 2,852,308, 9-16-58, Cl. 299-107.2.
- Whitt, H. J.: See—
- Slate, Leslie. 2,847,134.
- Whitt, Schley. Tone vibrator. 2,825,257, 3-4-58, Cl. 84-313.
- Whittaker, Charles C. Guide and marker for drilling dowel pin holes. 2,819,630, 1-14-58, Cl. 77-55.
- Whittaker, Clyde A., to the United States of America as represented by the Secretary of the Navy. Surface recording underwater pressure measuring device. 2,818,731, 1-7-58, Cl. 73-301.
- Whittall, Joseph A., and M. F. Barnes. Transportable wheeled appliances with interconnected steering means. 2,861,816, 11-25-58, Cl. 280-419.
- Whittam, Thomas V.: See—
- Matthews, John B., Clayfield, and Whittam. 2,841,533.
- Whitted, John B., to Whitco Inc. Insulated electrical terminal. 2,820,209, 1-14-58, Cl. 339-125.
- Whitten, Charles H., 50% to F. G. Halphen, Jr. Apparatus for pattern development. 2,842,857, 7-15-58, Cl. 33-174.
- Whitten, Owen M., to Kelsey-Hayes Co. Valve construction. 2,842,332, 7-8-58, Cl. 251-86.
- Whitten, Owen M., to Kelsey-Hayes Co. Booster device. 2,861,427, 11-25-58, Cl. 60-54.6.
- Whittenberg, William C.: See—
- Wright, Robert L., and Whittenberg. 2,840,718.
- Whittier, Carl H., to General Communication Co. Pulse power measuring system. 2,843,824, 7-15-58, Cl. 324-121.
- Whittington, Earl L.: See—
- Tackitt, Robert E. 2,839,182.
- Whittington, Lloyd R., to The National Latex Products Co., Inc. Method and apparatus for inflating hollow balls or the like of elastic material. 2,819,573, 1-14-58, Cl. 53-7.
- Whittle, Frank, to Shell Development Co. Hydraulic turbine with by-pass valve. 2,865,602, 12-23-58, Cl. 255-4.
- Whittun, Warren C., to Farrel-Birmingham Co., Inc. Drive mechanism for a rubber mill or similar machine. 2,837,763, 6-10-58, Cl. 18-2.
- Whitworth, Fairchild: See—
- Resko, Paul V., and Whitworth. 2,844,962.
- Whitworth, Fairchild, to The Sprague Meter Co. Pressure relief means for gas meters. 2,839,923, 6-24-58, Cl. 73-199.
- Whitworth, Sir W. G. Armstrong, & Co. (Engineers), Ltd.: See—
- Smith, James J. S. 2,827,027.
- Wholly, James R. Rheostat. 2,863,029, 12-2-58, Cl. 201-48.
- Whyte, Arthur R.: See—
- Whyte, Florence H. 2,861,726.
- Whyte, Florence H., $\frac{1}{2}$ to A. R. Whyte. Collar support. 2,861,726, 11-25-58, Cl. 223-92.
- Whyte, John F., and A. Lazorko. Venetian blind including a washable cloth slat. 2,844,198, 7-22-58, Cl. 160-172.
- Whyte, Ronald H., to General Motors Corp. Domestic appliance. 2,843,945, 7-22-58, Cl. 34-82.
- Whytlaw, Gracie G.: See—
- Battista, Orlando A., and Whytlaw. 2,862,614.
- Battista, Orlando A., and Whytlaw. 2,862,615.
- Wibault, Michel, to Vibrac Corp. Jet sustained aircraft with enclosed compressor rotor. 2,838,257, 6-10-58, Cl. 214-23.
- Wibault, Michel H. M. J. Jet aircraft. 2,843,340, 7-15-58, Cl. 214-23.
- Wibbles, Howard L., and E. I. Miller, to the United States of America as represented by the United States Atomic Energy Commission. Purification process. 2,819,944, 1-14-58, Cl. 23-14.5.
- Wiberg, Eric A.: See—
- Lundkvist, Karl A., Wiberg, and Dietsch. 2,842,621.
- Wiberg, Ulf Ö. H.: See—
- Edström, John O., and Wiberg. 2,860,046.
- Wichers, Anton D.: See—
- Wichers, Max F. 2,820,393.
- Wichers, Max F., 25% to A. D. Wichers and C. A. Bennett. Eye testing instrument. 2,820,393, 1-21-58, Cl. 88-20.
- Wichman, Frederick L.: See—
- Mason, Arel, Feder, and Wichman. 2,832,319.
- Wichman, Wesley T.: See—
- Sandalls, George, Jr., Vibbard, and Wichman. 2,846,507.
- Wichmann, George F., and H. A. Gray. Valve means responsive to steering wheel movement to cut off fluid supply to hydraulic steering system. 2,829,726, 4-8-58, Cl. 180-79.2.
- Wick, Alwood P. Reversible electric fin-type baseboard heater. 2,861,167, 11-18-58, Cl. 219-34.
- Wick, Helmut: See—
- Zeile, Karl, Adickes, and Wick. 2,824,106.
- Wick, Manfred H.: See—
- Nitzsche, Siegfried, and Wick. 2,830,967.
- Nitzsche, Siegfried, and Wick. 2,842,516.
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- Wick, Richard: See—
- Biedermann, Friedrich, Huber, and Wick. 2,853,921.
- Biedermann, Friedrich, and Wick. 2,835,849.
- Wicke, Glenn J. Shoring apparatus. 2,865,178, 12-23-58, Cl. 61-41.
- Wickens, Edward F., and E. H. Kurt, to Ingersoll-Rand Co. Air line lubricator. 2,845,143, 7-29-58, Cl. 184-65.
- Wicker, Everett E.: See—
- Pellissier, George E., and Wicker. 2,846,589.
- Wicker, Thomas H., Jr.: See—
- McConnell, Richard L., and Wicker. 2,861,084.
- Wickerham, William R., to Westinghouse Electric Corp. Motor control apparatus. 2,832,021, 4-22-58, Cl. 318-202.
- Wickesser, Arthur, to The Liquidometer Corp. Fuel measuring system for aircraft drop tanks. 2,846,880, 8-12-58, Cl. 73-304.
- Wickesser, Arthur, to The Liquidometer Corp. Fluid quantity measuring system. 2,860,511, 11-18-58, Cl. 73-194.
- Wickham, Ellemerie R., to S. J. Putman and J. P. Morgan. Fortune telling ball. 2,646,227, 8-5-58, Cl. 273-161.
- Wickham, Henry G., to The Wickham Piano Plate Co. Piano plate. 2,858,723, 11-4-58, Cl. 84-188.
- Wickham Piano Plate Co., The: See—
- Wickham, Henry G. 2,858,723.
- Wickham, Robert J.: See—
- Thomas, Kenneth L., Wickham, and Skinner. 2,863,981.
- Wickland, Brian: See—
- Luciani, Arthur E. 2,850,827.
- Wickland, Joseph R., to Miehle-Goss-Dexter, Inc. Sheet feeding apparatus. 2,823,916, 2-18-58, Cl. 271-30.
- Wickland Mfg. Co.: See—
- Corliss, Robert F. 2,858,939.
- Wickman Ltd.: See—
- Bateman, William H. 2,824,556.
- Wicks, Donald L., to Foley Mfg. Co. Display device. 2,845,176, 7-29-58, Cl. 206-80.
- Wicks, Louie O., and F. A. Newcomb. Board cinching tool. 2,832,384, 4-29-58, Cl. 145-1.
- Wicksrom, John A., to Mother's Cake & Cookie Co. Material handling apparatus. 2,842,922, 7-15-58, Cl. 53-235.
- Wickwire, Arthur M., P. Williams, and R. J. Killian, to Automatic Steel Products, Inc. Spun metal manufacture. 2,826,804, 3-18-58, Cl. 29-159.
- Wiczer, Sol B. Modified filament and method. 2,862,284, 12-2-58, Cl. 28-82.
- Widdup, George C.: See—
- Findlay, Albert J., MacDonald, and Widdup. 2,838,361.
- Widell, Charles, to Plastic Binding Corp. Gang punch. 2,825,407, 3-4-58, Cl. 164-124.
- Widell, Charles, to Plastic Binding Corp. Binder inserting machine. 2,854,679, 10-7-58, Cl. 11-1.
- Wideman, Luther H.: See—
- McBurney, James E., Wright, and Wideman. 2,826,289.
- Wideroe, Rolf, to Aktiengesellschaft Brown, Boveri & Cie. Magnetic induction type electron accelerator. 2,819,393, 1-7-58, Cl. 250-27.
- Wideroe, Rolf, to Aktiengesellschaft Brown, Boveri & Cie. Arrangement including a betatron for radiation of the human body. 2,822,478, 2-4-58, Cl. 250-61.5.
- Wideröe, Rolf, to Aktiengesellschaft Brown, Boveri & Cie. Electron accelerator tube. 2,822,491, 2-4-58, Cl. 313-62.
- Wideroe, Rolf, to Brown, Boveri & Cie. Process and device for testing materials by means of energy-rich X-rays. 2,839,680, 6-17-58, Cl. 250-27.
- Wideröe, Rolf, and H. Nobholz, to Brown Boveri & Cie. Double ray betatron. 2,839,708, 6-17-58, Cl. 315-196.
- Widigen, Albert, to American Machine and Metals, Inc. Laundry apparatus. 2,865,189, 12-23-58, Cl. 68-210.
- Widiger, Alexander H., Jr., to The Dow Chemical Co. Method for making 3,4-dichlorophenol. 2,854,488, 9-30-58, Cl. 260-623.
- Widmaier, Hans. Carriers or pockets for stamps and similar flat articles. 2,861,369, 11-25-58, Cl. 40-159.
- Widmaier, William, to the United States of America as represented by the United States Atomic Energy Commission. Lead severing contrivance. 2,829,293, 4-1-58, Cl. 313-102.
- Widmann, George D. Fastening unit for insulating roofs. 2,822,764, 2-11-58, Cl. 108-33.
- Widmann, Adolf A., to National Machine Products Co. Method of making self-locking valve lash adjusting screws. 2,856,617, 10-21-58, Cl. 10-10.
- Widmann, David G. Dispensing device for collapsible tubes. 2,851,195, 9-9-58, Cl. 222-100.
- Widmann, Louise: See—
- Freundorfer, Albert. 2,819,812.
- Widmer, Emil, to Gebrüder Buhler. Separators for pneumatically conveyed aggregate goods. 2,850,162, 9-2-58, Cl. 209-134.
- Widmer, Gustav: See—
- Renner, Alfred, Wettstein, and Widmer. 2,822,375.
- Renner, Alfred, and Widmer. 2,830,035.
- Widmer, Gustav, and P. Zuppinger, to Ciba Ltd. Reaction product of a compound capable of reacting with hydroxyl groups, with an etherification product of a polyglycidyl ether. 2,824,850, 2-25-58, Cl. 260-43.
- Widmer, Gustav, W. Fatzer, W. Geigy, W. Kraus, and A. Hiestand, to Ciba Ltd. Aqueous emulsions for the preparation of water repellent dressings and process of treating fibrous materials therewith. 2,835,639, 5-20-58, Cl. 260-21.
- Widmer, Gustav, W. Fatzer, W. Geigy, W. Kraus, and A. Hiestand, to Ciba Ltd. Aqueous emulsions for the preparation of water repellent dressings and process of treating fibrous materials therewith. 2,835,641, 5-20-58, Cl. 260-28.
- Widmer, Hans U., to Société financière d'Expansion Commerciale et Industrielle S. A. "Sfinex." Full admission impulse turbine. 2,846,185, 8-5-58, Cl. 253-154.
- Widmer, Rudolf, to International Business Machines Corp. Delay network. 2,850,679, 9-2-58, Cl. 315-166.

- Widmyer, Richard H., to The Texas Co. Producing petroleum from underground formations. 2,855,047, 10-7-58, Cl. 166-42.
- Widmyer, Richard H., to The Texas Co. Well treatment to remove a water block. 2,865,453, 12-23-58, Cl. 166-42.
- Wieberdink, Ate, to North American Philips Co., Inc. Colour-television receiver. 2,831,053, 4-15-58, Cl. 178-5.4.
- Wickmann, Gerd, and H. Hufnagel. Single-piece bottle closure. 2,850,193, 9-2-58, Cl. 215-41.
- Wiczorek, Eugene E., to In-Sink-Erator Mfg. Co. Sink mount for waste disposal units. 2,846,154, 8-5-58, Cl. 241-100.5.
- Wiczorek, Eugene E., to In-Sink-Erator Mfg. Co. Reversible motor and switch for garbage disposal units. 2,850,592, 9-2-58, Cl. 200-80.
- Wiedemann, Hans, to Keuffel & Esser Co. Planimeter. 2,864,170, 12-16-58, Cl. 35-122.
- Wiedemann Machine Co.: See—
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Wiedemann, Theodore A. 2,832,439.
- Wiedemann, Theodore A., to Wiedemann Machine Co. High speed follower gauge control clamp. 2,832,439, 4-29-58, Cl. 188-43.
- Wiedemann, Lars H.: See—
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- Wiegand, David E., to Armour Research Foundation of Illinois Institute of Technology. Magnetic reproduction system. 2,828,368, 3-25-58, Cl. 179-100.2.
- Wiegand, David E., to Armour Research Foundation of Illinois Institute of Technology. Magnetic playback system. 2,849,543, 8-26-58, Cl. 179-100.2.
- Wiegand, David E., to Armour Research Foundation of Illinois Institute of Technology. Electromagnetic head. 2,855,464, 10-7-58, Cl. 179-100.2.
- Wiegand, David E., to Armour Research Foundation of Illinois Institute of Technology. Magnetic modulator head for narrow track records. 2,855,465, 10-7-58, Cl. 179-100.2.
- Wiegand, David E., to Armour Research Foundation of Illinois Institute of Technology. Magnetic transducer head. 2,855,466, 10-7-58, Cl. 179-100.2.
- Wiegand, David E., and J. E. Ancell, to Beltone Hearing Aid Co. Hearing aid receiver. 2,848,560, 8-19-58, Cl. 179-115.
- Wiegand, Edwin L., Co., The: See—
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Ammerman, George E. 2,854,559.
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Ripley, Duane L. 2,851,576.
Temple, Sidney J. 2,834,861.
Thornhill, Norman B. 2,846,537.
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- Wiegel, Hendrikus P. High pressure cut off valve for gas cylinders. 2,864,400, 12-16-58, Cl. 137-495.
- Wiegel, Louis A., to Pick-In-Rig, Inc. Fruit picking apparatus. 2,821,312, 1-28-58, Cl. 214-83.1.
- Wiegerinck, Hendrikus T. J., to Pye Ltd. Mains/battery amplifying apparatus. 2,866,093, 12-23-58, Cl. 250-27.
- Wiehl, Ferdinand T.: See—
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- Wiehr, Jean-Jacques: See—
Baldacci, Aldo. 2,824,349.
- Wieland, Hans C. P., to Wieland-Werke A. G. Mold and method for continuously casting cakes. 2,835,940, 5-27-58, Cl. 22-57.2.
- Wieland, Peter: See—
Miescher, Karl, Anner, Wieland, and Ueberwasser. 2,839,337.
- Wieland, Rita: See—
Ratfsnyder, Philip J., and Wieland. 2,820,016.
- Wieland-Werke A. G.: See—
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- Wielenga, Jenno J., to North American Philips Co., Inc. Cathode ray tube supporting device. 2,852,768, 9-16-58, Cl. 340-367.
- Wiemann, Sherwood D.: See—
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- Wiemer, Kurt and P. E., to Pola-Lux Gesellschaft für Blend-schutz und Raumbildprojektion mit beschränkter Haftung. Symmetrical interference polarizers. 2,821,114, 1-28-58, Cl. 88-65.
- Wiemer, Paul E.: See—
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- Wiener, Bernard A. Vibration damper for towed cables, periscopes and the like. 2,859,836, 11-11-58, Cl. 188-1.
- Wiener, Charles: See—
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- Wiener, Sigmund, Turban. 2,820,227, 1-21-58, Cl. 2-198.
- Wier, Anthony J.: See—
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- Wier, Bert. Milk volume metering apparatus. 2,824,448, 2-25-58, Cl. 73-221.
- Wierber, Emil T., to Lubrizol Corp. Metal-free lubricant additives and method for preparation thereof. 2,827,434, 3-18-58, Cl. 252-18.4.
- Wies, Calmy: See—
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- Wiese, Emil J., to General Motors Corp. Door lock striker and bumper. 2,860,905, 11-18-58, Cl. 292-341.12.
- Wiese, Herbert K., to Esso Research and Engineering Co. Selective halogen-hydrogen exchange. 2,831,036, 4-15-58, Cl. 260-659.
- Wiese, Herbert K., to Esso Research and Engineering Co. Dicyclopentadiene acids. 2,846,467, 8-5-58, Cl. 260-514.
- Wiese, Herbert K., and W. C. Smith, to Esso Research and Engineering Co. New copolymers. 2,833,748, 5-6-58, Cl. 260-82.1.
- Wiese, Herbert K., and O. C. Sloterbeck, to Esso Research and Engineering Co. Carboxylated cyclopentadiene derivatives. 2,847,435, 8-12-58, Cl. 260-429.
- Wiesinger, Frederick C., to Wildman Jacquard Co. Cam means for knitting machine. 2,833,120, 5-20-58, Cl. 66-50.
- Wiesinger, Frederick C., to Wildman Jacquard Co. Controller for knitting machine. 2,861,443, 11-25-58, Cl. 66-155.
- Wiesinger, Frederick C., to Wildman Jacquard Co. Knitting machine drive means. 2,864,248, 12-16-58, Cl. 66-56.
- Wiesinger, Frederick C., and T. C. Lyster, to Wildman Jacquard Co. Racking means for knitting machine. 2,835,119, 5-20-58, Cl. 66-26.
- Wiesner, Leo: See—
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- Wiesner-Rapp Co., Inc., The: See—
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- Wietek, Theodor: See—
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- Wiethüchter, Winfried K. P. E., and P. F. G. Eisele, to Industrie-Werke Karlsruhe Aktiengesellschaft. Expansion compensator with strain relieving support means. 2,822,193, 2-4-58, Cl. 285-114.
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- Wigert, George W., to American Can Co. Screw cover container. 2,849,146, 8-26-58, Cl. 220-40.
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- Wiggins, Clyde E., 1/2 to E. R. Gertner. Gravity feeder. 2,854,949, 10-7-58, 119-53.
- Wiggins, Guy C.: See—
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- Wiggins, John H. Floating roof for resisting air or gas shock waves. 2,838,199, 6-10-58, Cl. 220-26.
- Wiggins, John H. Compound shoe construction for floating roof sealing mechanism. 2,840,260, 6-24-58, Cl. 220-26.
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- Wightman, Lawrence W., to General Electric Co. Resilient mounting means. 2,840,329, 6-24-58, Cl. 248-26.
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- Wijga, Pieter W. O., to Shell Development Co. Halohydrination process. 2,856,417, 10-14-58, Cl. 260—408.
- Wijkman, Bengt L., to Telefonaktiebolaget L M Ericsson. Electromagnetic relays. 2,859,301, 11-4-58, Cl. 200—104.
- Winberg, Jan, to Telefonaktiebolaget Separitor. Method and apparatus for neutralizing fatty oils. 2,848,468, 8-19-58, Cl. 260—425.
- Witsma, Jan, to North American Philips Co., Inc. Device for fine tuning of a resonant circuit. 2,835,813, 5-20-58, Cl. 250—36.
- Wikert, Harry E. Mail box. 2,827,228, 3-18-58, Cl. 232—35.
- Wikkenhauser, Gustav, to Kelvin & Hughes Ltd. Remote indicating apparatus. 2,846,674, 8-5-58, Cl. 340—209.
- Wiklund, Carl H., to Airequip Mfg. Co., Inc. Slide. 2,837,851, 6-10-58, Cl. 40—152.
- Wiklich, Harold V., to General Motors Corp. Sealing means for engine valve mechanism. 2,827,032, 3-18-58, Cl. 123—189.
- Wiksw, John P.: See—
- Neison, Earl W., Dietz, Wiksw, and Trees. 2,849,083.
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- Wilbespan Research Labs, Inc.: See—
- Williams, Richard E. 2,818,761.
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- Wilbur, Donald A.: See—
- Peters, Philip H., Jr., and Wilbur. 2,824,261.
- Wilbur, Donald A., to General Electric Co. Magnetron. 2,820,923, 1-21-58, Cl. 315—39.3.
- Wilbur, Donald A., and P. H. Peters, Jr., to General Electric Co. Voltage regulator. 2,847,638, 8-12-58, Cl. 323—29.
- Wilbur, Paul C., to Food Machinery and Chemical Corp. Apparatus for cooling sealed food containing cans in continuous sterilization processes. 2,833,202, 5-6-58, Cl. 99—367.
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- Wilbur, Warren D., 1/2 to R. N. Tone. Concrete slab key-joint forming member. 2,848,929, 8-26-58, Cl. 94—17.
- Wilburn, Edgar H. Sterilizable and sterilized hypodermic syringe assemblies. 2,860,635, 11-18-58, Cl. 128—218.
- Wilckens, Edna A.: See—
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- Wilckens, Elbe A., W. C. Rainer, and E. M. Redding, to Crown Cork & Seal Co., Inc. Granular plastic lining machine. 2,851,727, 9-16-58, Cl. 18—20.
- Wilco Metal Products, Inc.: See—
- Einborn, Harry E. 2,836,306.
- Wilcocks, Frederick J. Brake safety shut-off valve. 2,833,117, 5-6-58, Cl. 60—54.5.
- Wilcolator Co., The: See—
- Dahlgren, John V. S. 2,859,312.
- Malone, Homer F. 2,823,283.
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- Malone, Homer F. 2,828,386.
- Wilcox, Albert F., to General Electric Co. Electromagnetic wire tension device. 2,845,235, 7-29-58, Cl. 242—155.
- Wilcox, Bernard O. Process and apparatus for treating zinc ores and ore concentrates. 2,827,370, 3-18-58, Cl. 75—9.
- Wilcox, Clinton S., to General Railway Signal Co. Train speed control system. 2,838,657, 6-10-58, Cl. 246—182.
- Wilcox, Donald F., to Foremost Dairies, Inc. Process for preparing sterilized concentrated milk and product produced thereby. 2,845,350, 7-29-58, Cl. 99—53.
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- Robinson, Billy W., Cruzan, and Wilcox. 2,833,220.
- Wilcox, Frank: See—
- Ault, Hyman J., and Wilcox. 2,848,735.
- Wilcox Gay Corp.: See—
- Hironimus, Walter C. 2,859,636.
- Wilcox, Grayson W., to Hooker Chemical Corp. Vented mold for plastic materials. 2,865,052, 12-23-58, Cl. 18—34.
- Wilcox, Harry A., to Eastern Industries, Inc. Traffic cycle selector. 2,834,001, 5-6-58, Cl. 340—44.
- Wilcox, Isaac L.: See—
- Jezerski, Vincent W., Wilcox, and Pesch. 2,866,402.
- Wilcox, Isaac L., to Sealright-Oswego Falls Corp. Bottom closure assembly for containers. 2,827,218, 3-18-58, Cl. 229—5.5.
- Wilcox, John F., to Sherman Products, Inc. Material handling device. 2,860,797, 11-18-58, Cl. 214—313.
- Wilcox, Leslie L. Unloading attachment for rifles. 2,866,289, 12-30-58, Cl. 42—87.
- Wilcox, Louise R. Rack and tray service. 2,853,349, 9-23-58, Cl. 312—33.
- Wilcox, Martin J. Can marking and control device. 2,832,281, 4-29-58, Cl. 101.4.
- Wilcox, Martin J. Conveyor diverter. 2,833,391, 5-6-58, Cl. 198—31.
- Wilcox, Roy F. Method for drilling and completing wells. 2,860,854, 11-18-58, Cl. 255—1.8.
- Wilcox, William C.: See—
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- Wilcox, William H., to California Cedar Products Co. Method of, and apparatus for, attaching inserts to circular saw teeth. 2,823,295, 2-11-58, Cl. 219—78.
- Wilcox, Wilven F. Auxiliary accelerator pedal for vehicles. 2,829,539, 4-8-58, Cl. 74—562.5.
- Wilcoxon, Charles H., Jr.: See—
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- Wilcoxon, Kenneth H., to the United States of America, Navy. Underwater amp. 2,839,673, 6-17-58, Cl. 240—26.
- Wild, D., and Co.: See—
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- Wild, Otto, Jr.: See—
- Bliss, Harvey N., and Wild. 2,821,863.
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- Gleisner, William C., Jr., and Wild. 2,843,993.
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- Wildberg, Leslie K., to Thompson Products, Inc. Antenna mast supports. 2,848,182, 8-19-58, Cl. 248—45.
- Wildbolz, Rudolf, to Joh. Jacob Rieter & Co., Ltd. Drafting frame. 2,830,327, 4-15-58, Cl. 19—6.
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- Wilde, Bertrand E., to Monsanto Chemicals Ltd. 2:2:4-trimethyl-decahydroquinoline nitrite and carbonate. 2,831,861, 4-22-58, Cl. 260—286.
- Wildeboor, George A. Lamp bracket holder. 2,833,502, 5-6-58, Cl. 248—226.
- Wildeman, Fredric C. Magnetic surface gauge. 2,840,918, 7-1-58, Cl. 33—172.
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- Wilder, Arthur G.: See—
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- Wilder, Cecil M., to Pump Suppliers Inc. Garbage grinder and disposer. 2,853,249, 9-23-58, Cl. 241—257.
- Wilder, Phelps, and C. Czernik, to Chicago Rawhide Mfg. Co. Oil seal. 2,838,323, 6-10-58, Cl. 288—3.
- Wilder, Shepard J. Hollow building wall ventilating device. 2,840,867, 7-1-58, Cl. 20—4.
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- Wilder, Stuart, Jr., to The Reliance Electric and Engineering Co. Hydraulic drive with centrifugal control for substantially constant output speed. 2,837,193, 6-3-58, Cl. 192—104.
- Wilder, Vernon H., to Douglas Aircraft Co., Inc. Means for mounting a frangible expense to a vibratile support. 2,835,998, 5-20-58, Cl. 20—56.4.
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- Wildhaber, Ernest. Method and apparatus for finishing toothed face couplings and the like, and toothed face coupling. 2,830,834, 4-15-58, Cl. 287—103.
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- Wildman, Benjamin H. Loudspeaker cabinet. 2,840,181, 6-24-58, Cl. 181-31.
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- Wilentz, Warren W.: *See*—
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- Wiley, Allen D., and F. C. Bowman, to Armco Steel Corp. Double pass welding of spiral pipe. 2,819,379, 1-7-58, Cl. 219-62.
- Wiley, Allen D., and R. V. Russell, to Armco Steel Corp. Roll forming apparatus for metallic strip, and method. 2,843,179, 7-15-58, Cl. 153-77.
- Wiley, Bruce F., to Phillips Petroleum Co. Flowmeter. 2,822,688, 2-11-58, Cl. 73-155.
- Wiley, Emmett H.: *See*—
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- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Combination of a steering wheel with a signalling ring coaxially imposed thereon for motor vehicles. 2,828,645, 4-1-58, Cl. 74-484.
- Wilfert, Karl, to Daimler-Benz Akt. Vehicle frame construction. 2,839,329, 6-17-58, Cl. 296-28.
- Wilfert, Karl, to Daimler-Benz Akt. Sealing transverse wall for automobiles. 2,843,419, 7-15-58, Cl. 296-39.
- Wilfert, Karl, to Daimler-Benz Akt. Heating and ventilating system for motor vehicles. 2,860,567, 11-18-58, Cl. 98-2.
- Wilfert, Karl, to Daimler-Benz Akt. Car body. 2,864,646, 12-16-58, Cl. 296-28.
- Wilfert, Karl, and B. Barényi, to Daimler-Benz Aktiengesellschaft. Motor vehicle with light metal floor portion. 2,819,925, 1-14-58, Cl. 296-28.
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- Wilgus, Harold M., and B. Sola, to Valley Mould and Iron Corp. Machine for trimming fins from ingot moulds. 2,857,820, 10-28-58, Cl. 90-24.3.
- Wilhelm, Harley A.: *See*—
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- Wilhelm, Howard A.: *See*—
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- Wilhelm, John H. Overload-release mechanism for press-operated die. 2,856,999, 10-21-58, Cl. 164-47.
- Wilhelm, Kurt E., to United States Rubber Co. Intermittent feed mechanism. 2,839,138, 6-17-58, Cl. 164-49.
- Wilhelmi, Hans, and W. Neudert, to Firma Holzwerke H. Wilhelmi O. H. G. Production of multi-layer boards. 2,851,730, 9-16-58, Cl. 18-47.5.
- Wilhelmsen, Carl R., to Hazeltine Research, Inc. Automatic gain-control system. 2,833,870, 5-6-58, Cl. 179-171.
- Wilhelmsen, Ludvik W. Brailing block. 2,838,337, 6-10-58, Cl. 294-83.
- Wilhite, Walter E. Attachment for chimney tops. 2,830,525, 4-15-58, Cl. 98-67.
- Wilhoit, Lowell M., to Otis Engineering Corp. Well control and anchoring device. 2,859,825, 11-11-58, Cl. 166-133.
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- Wilkins, Bernhard D. Concrete finishing trowel. 2,833,188, 5-6-58, Cl. 94-45.
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- Wilkinson, Esther M. Knock-down play pen. 2,837,752, 6-10-58, Cl. 5-99.
- Wilkinson, Fenton E. Log handling device. 2,854,280, 9-30-58, Cl. 294-82.
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- Wilkinson, Jefferson R., to United States of America, Navy. Pulse shaping amplifier. 2,852,674, 9-16-58, Cl. 250-27.
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- Wilkes, John B., to California Research Corp. Di (metaxylylene) triamine. 2,844,631, 7-22-58, Cl. 260-570.9.
- Wilkes, Reuben. Drill press clamp. 2,866,367, 12-30-58, Cl. 77-63.
- Wilkie, Charles B.: *See*—
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- Wilkie, James. Trim drain cover. 2,859,875, 11-11-58, Cl. 210-163.
- Wilkie, James W.: *See*—
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- Wilkin, Lester A.: *See*—
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- Wilkin, Norman M. Leveling device. 2,819,037, 1-7-58, Cl. 254-104.
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- Wilkinson, C. J.: *See*—
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- Wilkinson, Clarence E.: *See*—
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- Wilkinson, John W., to Humphrey-Wilkinson, Inc. Dispensing device for odorizing liquefied petroleum gas. 2,838,206, 6-10-58, Cl. 222-83.
- Wilkinson, Joseph M., Jr., and E. E. Renfrew, Jr., to General Aniline & Film Corp. Addition products of 1-acyloxy-3-buten-2-ones. 2,834,792, 5-13-58, Cl. 260-376.
- Wilkinson, Lester F.: *See*—
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- Wilkinson, Murray A.: *See*—
McCullough, Armour L., and Wilkinson. 2,828,942.
- Wilkinson, Robert M., to United States Steel Corp. Method of cleaning barge bottoms. 2,839,067, 6-17-58, Cl. 134-8.
- Wilkinson, Samuel: *See*—
Robinson, Frank A., Dickinson, Petrow, and Wilkinson. 2,843,525.
- Wilkinson Sword Ltd.: *See*—
Griffiths, Rupert. 2,836,692.
- Wilkinson, Thomas A., to F. L. Jacobs Co. Adjustable seat support. 2,827,947, 3-25-58, Cl. 155-14.
- Wilkinson, Walter G. and J. W. Axonometric drafting machine. 2,835,974, 5-27-58, Cl. 33-23.
- Wilkinson, Warren S.: *See*—
Zucker, Henry G., and Wilkinson. 2,833,637.

- Wilkinson, Wilfred H.: *See*—
Morley, Frederick W. W., and Wilkinson. 2,866,522.
- Wilkinson, William D.: *See*—
Gelpi, Maurice J., and Wilkinson. 2,836,802.
- Wilkinson, William H., to F. M. Brodie, Jr. Low slung refuse dump truck. 2,831,727, 4-22-58, Cl. 298-22.
- Wilkinson, William K.: *See*—
Hoffman, Henry A., Jr., and Wilkinson. 2,849,330.
- Wilks, Geoffrey L. Door latch. 2,825,595, 3-4-58, Cl. 292-46.
- Will, Albert S.: *See*—
Blanchi, Renato, and Will. 2,853,010.
- Will, Albert S., and W. L. Edmonston, to United States of America, Navy. Fuze. 2,853,011, 9-23-58, Cl. 102-70.2.
- Will, Henry C.: *See*—
Ackermann, Edward L., Buck, Miles, and Will. 2,835,381.
- Will, Theodore, to Fund-Del Inc. Tear strip means for opening cartons and the like. 2,822,118, 2-4-58, Cl. 229-17.
- Will, Theodore, to Fund-Del Inc. Tear strip means for opening cartons and the like. 2,836,343, 5-27-58, Cl. 229-51.
- Will, Theodore, to Fund-Del Inc. Luminous telephone dial indicator. 2,836,661, 5-27-58, Cl. 179-90.
- Willard, Delbert O. Inside tube cutter. 2,842,843, 7-15-58, Cl. 30-106.
- Willard, George W. Transmission. 2,847,876, 8-19-58, Cl. 74-751.
- Willard, Henry F. Lamp shade. 2,823,477, 2-18-58, Cl. 40-131.
- Willard, J. Jack. Forward discharging transit concrete mixer. 2,859,949, 11-11-58, Cl. 259-161.
- Willard, Joe R., and J. F. Henahan, to Food Machinery and Chemical Corp. Pesticidal phosphorus esters. 2,841,520, 7-1-58, Cl. 167-22.
- Willard, Joe R., and J. F. Henahan, to Food Machinery and Chemical Corp. Pesticidal phosphorus esters. 2,865,946, 12-23-58, Cl. 260-461.
- Willard, John E.: *See*—
Seaborg, Glenn T., and Willard. 2,819,144.
- Willard, Joseph G.: *See*—
Scott, Elmer T., and Willard. 2,819,631.
- Willard, Ralph M.: *See*—
Watson, Alice E., and Willard. 2,832,310.
- Willard, Robert G.: *See*—
Parker, Theodore B., and Willard. 2,822,632.
- Willardson, Fred W.: *See*—
Snyder, William S., and Willardson. 2,841,759.
- Willat, Arnold F. Electrical floor heating pad. 2,845,519, 7-29-58, Cl. 219-46.
- Willatts, William H., and A. H. Cornwall. Building units or components. 2,829,403, 4-8-58, Cl. 20-0.5.
- Wilbrandt, Franklin M., to Battle Creek Packaging Machines, Inc. Carton filling and weighing machine. 2,860,847, 11-18-58, Cl. 249-59.
- Willcox, Dale F., and P. F. White, to Furnas Electric Co. Electric reversing switch. 2,855,488, 10-7-58, Cl. 200-168.
- Willcox, Frederick P. Single shaft portable power tool for rotating and reciprocating motions. 2,858,701, 11-4-58, Cl. 74-22.
- Willcox, Frederick P. Power-driven hand unit for rotary and reciprocating tools. 2,858,703, 11-4-58, Cl. 74-44.
- Willcox & Gibbs Sewing Machine Co.: *See*—
Besthoff, Lawrence W. 2,865,317.
- Russell, Harvey W., and Wonnacott. 2,834,309.
- Willcox, Oswin B., to E. I. du Pont de Nemours and Co. Method of producing granular refractory metal. 2,835,567, 5-20-58, Cl. 75-84.1.
- Willcox, William L. Thermostatically controlled valve for suction responsive devices. 2,829,837, 4-8-58, Cl. 236-86.
- Wille, Louis E. Fishing lure. 2,820,316, 1-21-58, Cl. 43-42.36.
- Wille, Rachel E. Fountain type feeding spoon. 2,837,822, 6-10-58, Cl. 30-125.
- Willems, Paul, to Ateliers de Constructions Electriques de Charleroi. Remote control system for positioning objects. 2,861,323, 11-18-58, Cl. 318-28.
- Willemsse, Theo W., to North American Phillips Co., Inc. Semi-conductor device. 2,825,014, 2-25-58, Cl. 317-234.
- Willenborg, Walter J., $\frac{1}{4}$ to J. L. Robinson, $\frac{1}{4}$ to J. L. Kopp, and $\frac{1}{4}$ to J. F. Blehl. Recirculation drier. 2,824,648, 2-25-58, Cl. 210-68.
- Willet, Harold A. Pivoted tool carriers and tool bars therefor. 2,826,131, 3-11-58, Cl. 97-47.66.
- Willet, John A.: *See*—
Dexter, Robert G., and Willett. 2,844,368.
- Willet, Howard D.: *See*—
Repking, Edward F., and Willett. 2,865,554.
- Willetts, Elwood H. Cargo trailer with adjustable floor level. 2,835,502, 5-20-58, Cl. 280-44.
- Willey, Frank G.: *See*—
Blackstone, Henry, and Willey. 2,859,653.
- Willey, Selwyn L.: *See*—
Sabine, Laurie H., and Willey. 2,856,269.
- Willhauck, Augustus D.: *See*—
Chandler, James D., Parelli, and Willhauck. 2,856,620.
- Willhelm, Oscar F., to Durham-Enders Razor Corp. Safety razor. 2,858,608, 11-4-58, Cl. 30-55.
- Willhoff, Loren: *See*—
Voss, Otto J., and Willhoff. 2,836,982.
- Willi, Richard B., to Baldwin-Lima-Hamilton Corp. Apparatus for compacting and ejecting flanged articles by single plunger action. 2,821,748, 2-4-58, Cl. 18-16.7.
- Willi, Richard B., to Baldwin-Lima-Hamilton Corp. Multiple passage overshaft seal. 2,859,054, 11-4-58, Cl. 286-11.15.
- Willha, Julian B., and T. H. Paulsen, to Sinclair Refining Co. Process for the thermal cracking of catalytic cycle gas oil stocks. 2,819,203, 1-7-58, Cl. 196-50.
- Willamee, Adrian F. Arch support. 2,850,813, 9-9-58, Cl. 36-8.5.
- Willamitis, Victor A.: *See*—
Henne, Albert L., and Willamitis. 2,852,470.
- Williams, Alexander M. Dust pan. 2,864,117, 12-16-58, Cl. 15-257.3.
- Williams, Alford A., to Old Dominion Box Co., Inc. Chick carton. 2,844,294, 7-22-58, Cl. 229-6.
- Williams, Alford A., $\frac{1}{2}$ to Stone Container Corp. and $\frac{1}{2}$ to Old Dominion Box Co., Inc. Paperboard carton. 2,857,088, 10-21-58, Cl. 226-16.
- Williams, Alfred, to Toddlers Footwear (1954) Ltd. Shoes and methods of making same. 2,862,216, 12-2-58, Cl. 12-142.
- Williams, Allen S. Pronged darby. 2,828,619, 4-1-58, Cl. 72-136.
- Williams, Alta G.: *See*—
Williams, Bernard. 2,857,647.
- Williams, Anna K. Golf bag. 2,853,111, 9-23-58, Cl. 150-1.5.
- Williams, Arthur L., to The Federal Machine and Welder Co. Apparatus for guiding and sizing material. 2,850,998, 9-9-58, Cl. 113-33.
- Williams, Audra E. Novelty devices. 2,839,858, 6-24-58, Cl. 40-68.
- Williams, Barney B. Cigarette retaining means. 2,859,865, 11-11-58, Cl. 206-41.
- Williams, Bart: *See*—
Mummert, John F., Williams, and Brown. 2,847,755.
- Williams, Benjamin M., to Crown Zellerbach Corp. Multi-trip shipping container. 2,858,969, 11-4-58, Cl. 229-44.
- Williams, Bernard, deceased; A. G. Williams, executrix. Concrete forms. 2,857,647, 10-28-58, Cl. 25-131.
- Williams, Beverly E.: *See*—
Shabrok, Behman K. 2,825,650.
- Williams, Beverly E. Process for the preparation of squid fillets. 2,822,274, 2-4-58, Cl. 99-111.
- Williams, Beverly E., to Hodges Research and Development Co., Inc. Method of clothing meat. 2,824,011, 2-18-58, Cl. 99-174.
- Williams, Beverly E., to Hodges Research and Development Co. Processes for improving the flavor of meats. 2,852,391, 9-16-58, Cl. 99-107.
- Williams, Bill M., and E. C. Britton, to The Dow Chemical Co. 3,4-dihydro-2-oxo-2H-1,4-benzoxazine-4-acetic acids. 2,850,495, 9-2-58, Cl. 260-244.
- Williams, Bruce E.: *See*—
Burckhardt, Alfred, and Williams. 2,856,187.
- Williams, C. K., & Co.: *See*—
Bennett, Leonard M. 2,866,686.
- Williams, Charles C. W., and H. E. Balsiger, to Landis Tool Co. Traverse start control. 2,857,886, 10-28-58, Cl. 121-45.
- Williams, Charles E., to General Electric Co. Sequence boost circuit for discharge lamps. 2,853,653, 9-23-58, Cl. 315-97.
- Williams, Charles E.; by Court decree, to B. J. Gill, and D. V. Williams, sole heirs. Autographic register. 2,854,257, 9-30-58, Cl. 282-16.
- Williams, Charles F.: *See*—
Stanley, John C., Le Goff, Moore, and Williams. 2,834,625.
- Williams, Charles R.: *See*—
Hagen, Glenn E., Williams, Philbrick, Beck, and Russell. 2,850,232.
- Williams, Chester. Adjustable draw beam. 2,846,236, 8-5-58, Cl. 280-442.
- Williams, Chester I. Dummy she-bolt. 2,823,441, 2-18-58, Cl. 25-131.
- Williams, Chester I. Apparatus for handling forms. 2,825,115, 3-4-58, Cl. 25-131.
- Williams, Clarence B., Jr. Colostomy toilet. 2,864,094, 12-16-58, Cl. 4-1.
- Williams, Clayton A. Plumbing tool for spindles. 2,856,696, 10-21-58, Cl. 33-174.
- Williams, Clifton S., and W. E. Pakala, to Westinghouse Electric Corp. High-frequency welding stabilizer. 2,840,761, 6-24-58, Cl. 315-163.
- Williams, David J., to Australian Paper Manufacturers Ltd. Apparatus for indicating and/or recording the structure of paper. 2,844,068, 7-22-58, Cl. 88-14.
- Williams, David L., to L. Sarnoff-Williams Camera Corp. Optical system for photography. 2,834,270, 5-13-58, Cl. 95-18.
- Williams, David M., to Olin Mathieson Chemical Corp., Inc. Firearm with movable chamber and sealing sleeve. 2,847,787, 8-19-58, Cl. 42-76.
- Williams, David T., to Battelle Memorial Institute. Heart valve. 2,832,078, 4-29-58, Cl. 3-1.
- Williams, Denney. Equalized cell-type shielded enclosure. 2,831,912, 4-22-58, Cl. 174-35.
- Williams, Dick: *See*—
Simmonds, John J. 2,834,485.
- Williams, Donald, to A. O. Smith Corp. Two temperature water heating system. 2,852,018, 9-16-58, Cl. 126-362.
- Williams, Donald A. Fish line float and clamp. 2,842,886, 7-15-58, Cl. 43-44.87.

- Williams, Donald L.: *See*—
Krier, Alexander O., Allen, and Williams. 2,855,058.
- Williams, Dorothy F. Marionette figure assembly. 2,860,446, 11-18-58, Cl. 46—126.
- Williams, Dorothy V.: *See*—
Williams, Charles E. 2,854,257.
- Williams, Douglas P. Trousers pressing apparatus. 2,859,545, 11-11-58, Cl. 38—20.
- Williams, Dwight: *See*—
Kelly, George B., Jr., Braithwaite, and Williams. 2,860,145.
- Williams, Earl P.: *See*—
Sundberg, Robert L., Chiddix, and Williams. 2,860,160.
- Williams, Edward J., to Pneumafil Corp. Measuring implement. 2,846,770, 8-12-58, Cl. 33—161.
- Williams, Elmer R. Adjustable seat tandem valve. 2,853,101, 9-23-58, Cl. 137—625.34.
- Williams, Elmer W.: *See*—
Bowman, Howard J., and Williams. 2,844,705.
- Williams, Ernest. Pumps. 2,839,002, 6-17-58, Cl. 103—37.
- Williams, Eyward M., to Fifth Sterling Inc. Spark machining apparatus. 2,835,784, 5-20-58, Cl. 219—60.
- Williams, Everard M., to Fifth Sterling Inc. Apparatus for spark machining. 2,835,785, 5-20-58, Cl. 219—69.
- Williams, Everard M., to Fifth Sterling Inc. Automatic control system for the electrode of a spark-cutting apparatus. 2,841,686, 7-1-58, Cl. 219—69.
- Williams, Everard M. Saturable reactor system. 2,855,563, 10-7-58, Cl. 323—89.
- Williams, Ferd E., to General Electric Co. X-ray fluoroscopic screen. 2,835,822, 5-20-58, Cl. 250—80.
- Williams, Ferd E., and P. D. Johnson, to General Electric Co. Incandescent light source. 2,859,369, 11-4-58, Cl. 313—113.
- Williams, Fielding L.: *See*—
Jones, Montgomery O. 2,847,759.
- Williams, Florence N.: *See*—
Brown, James E. 2,827,690.
- Williams, Forrest E., to International Harvester Co. Device for cold rolling of crankshaft fillets. 2,841,861, 7-8-58, Cl. 29—90.
- Williams, Forrest V.: *See*—
Stone, Bobbie D., and Williams. 2,850,522.
- Williams, Frank J., $\frac{1}{2}$ to C. E. Jack. Optometrical apparatus. 2,835,161, 5-20-58, Cl. 88—20.
- Williams, Frank N., to Federal-Heber Co. Valve assembly for faucets. 2,838,070, 6-10-58, Cl. 137—636.3.
- Williams, Fred G.: *See*—
Piekels, Edward G., Scofield, and Williams. 2,834,729.
- Williams, Frederic C., to National Research Development Corp. Digital storage systems. 2,845,611, 7-29-58, Cl. 340—174.
- Williams, Frederic C., to National Research Development Corp. Storage of digital information. 2,850,667, 9-2-58, Cl. 315—12.
- Williams, Frederic C., T. Kilburn, and H. J. Crawley, to National Research Development Corp. Electronic storage of information. 2,826,715, 3-11-58, Cl. 315—12.
- Williams, Frederic C., T. Kilburn, G. C. Tootill, B. W. Pollard, G. E. Thomas, and D. B. G. Edwards, to National Research Development Corp. Data storage arrangements for electronic digital computing machines. 2,840,304, 6-24-58, Cl. 235—61.
- Williams, Frederic C., T. Kilburn, G. C. Tootill, and B. W. Pollard, to National Research Development Corp. Rhythm control means for electronic digital computing machines. 2,840,305, 6-24-58, Cl. 235—61.
- Williams, Frederic C., and E. R. Laithwaite, to National Research Development Corp. Induction machines. 2,848,675, 8-19-58, Cl. 318—243.
- Williams, Frederic C., and E. R. Laithwaite, to National Research Development Corp. Induction motors. 2,856,573, 10-14-58, Cl. 318—243.
- Williams, Frederic C., and T. Kilburn, to National Research Development Corp. Electrostatic storage of digital information. 2,862,139, 11-25-58, Cl. 315—12.
- Williams, Frederick, to David Brown Tractors (Engineering) Ltd. Disc ploughs. 2,829,577, 4-8-58, Cl. 97—53.
- Williams, Gael M., to California Research Corp. Flow control baffle for granular material. 2,843,274, 7-15-58, Cl. 214—17.
- Williams, George W.: *See*—
Ames, Robert G. 2,824,326.
Ames, Robert G. 2,824,442.
Ames, Robert G. 2,824,443.
- Williams, George W. III: *See*—
Ames, Robert G. 2,862,382.
- Williams, Gilbert A.: *See*—
Coats, Robert R., and Williams. 2,824,147.
- Williams, Gwyn E.: *See*—
Lambert, Arthur, and Williams. 2,839,493.
- Williams, Harold E., to A. F. P. Engineering Ltd. Foam generating apparatus. 2,825,413, 3-4-58, Cl. 169—15.
- Williams, Harold W.: *See*—
Davidson, Emil, and Williams. 2,863,454.
- Williams, Harold W. Screw cap. 2,850,194, 9-2-58, Cl. 215—43.
- Williams, Harry A., J. H. Sherwood, and S. A. Oliva, to Dictaphone Corp. Recording method using translating head and stylus. 2,819,089, 1-7-58, Cl. 274—46.
- Williams, Harry L.: *See*—
Orr, Robert J., and Williams. 2,834,760.
- Williams, Harry, Mfg. Co.: *See*—
Pearl, Irving. 2,830,819.
- Williams, Harvey A. Dual sights for double-barrel shotgun. 2,839,832, 6-24-58, Cl. 33—51.
- Williams, Harvey A. Mount for gun sight. 2,854,748, 10-7-58, Cl. 33—50.
- Williams, Haydn W. R.: *See*—
Drain, David J., and Williams. 2,819,273.
- Williams, Henry E.: *See*—
Tourtelotte, Dee, and Williams. 2,827,419.
- Williams, Herbert B.: *See*—
Renner, John, Von Tesmar, and Williams. 2,865,833.
- Williams, Herbert D., and D. J. Krom, to General Electric Co. Wiring device quick connect terminals. 2,848,705, 8-19-58, Cl. 339—200.
- Williams, Herschel A., to Ransburg Electro-Coating Corp. Diaphragm pump. 2,859,701, 11-11-58, Cl. 103—150.
- Williams, Howard: *See*—
Staudinger, Johann J. P., and Williams. 2,851,379.
- Williams, Howard J.: *See*—
Zeisloff, Harry C., and Williams. 2,864,392.
- Williams, Irving K.: *See*—
Ehrlich, Morris J., and Williams. 2,836,822.
- Williams, Ivan A. Die for uniting materials. 2,821,876, 2-4-58, Cl. 78—1.
- Williams, Jack L. R.: *See*—
Van Den Bergh, John, and Williams. 2,856,385.
- Williams, Jack L. R., and T. M. Laakso, to Eastman Kodak Co. Copolyesters of a glycol, an alkylene diamine dicarboxylate and a sulfone ester. 2,839,508, 6-17-58, Cl. 260—75.
- Williams, Jack L. R., and K. R. Dunham, to Eastman Kodak Co. Alkaline earth metal titanium alkoxide catalysts for preparing aromatic polycarbonates. 2,843,567, 7-15-58, Cl. 260—77.5.
- Williams, Jack L. R., and T. M. Laakso, to Eastman Kodak Co. Monomeric esters of N,N'-bis(p-carboxybenzoyl) alkylendiamines. 2,848,479, 8-19-58, Cl. 260—471.
- Williams, Jack L. R., and T. M. Laakso, to Eastman Kodak Co. Quenchable copolyesters of a glycol, terephthalic acid and an alkylene diamine dicarboxylate and their preparation. 2,851,443, 9-9-58, Cl. 260—75.
- Williams, Jack L. R., and T. M. Laakso, to Eastman Kodak Co. N,N'-bis(p-carboxybenzoyl) piperazines and polyesters therefrom. 2,852,492, 9-16-58, Cl. 260—75.
- Williams, Jack L. R., and T. M. Laakso, to Eastman Kodak Co. Copolyesters of a glycol and an alkylene diamine dicarboxylate containing isophthalate modifier and their preparation. 2,861,055, 11-18-58, Cl. 260—75.
- Williams, James A. Golf ball retriever. 2,834,629, 5-13-58, Cl. 294—19.
- Williams, James B.: *See*—
Stoddart, Hugh F., and Williams. 2,855,520.
- Williams, John, to Eastman Kodak Co. Photographic color correction process. 2,860,974, 11-18-58, Cl. 96—9.
- Williams, John B.: *See*—
Boretz, Jonathan E., Bolton, and Williams. 2,826,076.
- Williams, John C.: *See*—
Hawley, Don M., and Williams. 2,859,109.
Hollingsworth, Clinton A., and Williams. 2,839,361.
Hollingsworth, Clinton A., and Williams. 2,839,377.
- Williams, John C., to Hawley Products Co. Method of casting metals. 2,824,348, 2-25-58, Cl. 22—200.5.
- Williams, John E. Interlocking amplifier. 2,826,646, 3-11-58, Cl. 179—171.
- Williams, John F. Spine adjuster. 2,854,971, 10-7-58, Cl. 128—69.
- Williams, John G., to Cochrane Corp. Liquid flow control apparatus. 2,825,359, 3-4-58, Cl. 137—608.
- Williams, John G., to Worthington Corp. Means for counterbalancing starting thrust in turbine driven pump units. 2,866,620, 12-30-58, Cl. 253—65.
- Williams, John H., to Oak Mfg. Co. Push button mechanism. 2,857,781, 10-28-58, Cl. 74—483.
- Williams, John K., to Central Texas Iron Works. Joist construction. 2,864,471, 12-16-58, Cl. 189—37.
- Williams, John L. Non-clog stock valve. 2,824,715, 2-25-58, Cl. 251—329.
- Williams, John L. Gate valve. 2,832,564, 4-29-58, Cl. 251—326.
- Williams, John L. Adjustable pin gauge with locking device. 2,842,855, 7-15-58, Cl. 33—163.
- Williams, John M.: *See*—
Symon, Alexander, Harpur, Carter, and Williams. 2,838,950.
- Williams, John R., to Raytheon Mfg. Co. Methods of soldering to aluminum or other material having surface-oxide film. 2,857,321, 10-21-58, Cl. 204—143.
- Williams, John R., to Raytheon Mfg. Co. Transistor mold assemblies. 2,862,470, 12-2-58, Cl. 113—99.
- Williams, Joseph H., to The Monotype Corp. Ltd. Sheet-feeding mechanism for photo-composing machines. 2,834,268, 5-13-58, Cl. 95—4.5.
- Williams, Katherine A.: *See*—
Ames, Robert G. 2,862,382.
- Williams, Keith R.: *See*—
Joyce, John R., Williams, and Anson. 2,844,025.
- Williams, Kenneth F. Ship's hull construction. 2,842,084, 7-8-58, Cl. 114—122.
- Williams, Kenneth F. Weed cutting device. 2,864,225, 12-16-58, Cl. 56—8.

- Williams, L. G.: *See*—
Toland, William G., Jr., and Williams. 2,848,509.
- Williams, La Mar S. Combination salt and pepper shaker. 2,826,340, 3-11-58, Cl. 222-142.6.
- Williams, Lawrence S., to Toledo Scale Co. Optical projection system for weighing scale indication. 2,818,769, 1-7-58, Cl. 88-24.
- Williams, Lawrence S., to Toledo Scale Corp. Ball bearing. 2,848,286, 8-19-58, Cl. 308-193.
- Williams, Leo C.: *See*—
Stoothoff, Stanley T., and Williams. 2,850,279.
- Williams, Leo C., to Miehle-Gross-Dexter, Inc. Sheet separating mechanism. 2,819,074, 1-7-58, Cl. 271-26.
- Williams, Leo C., to Miehle-Gross-Dexter, Inc. Sheet feeding apparatus. 2,838,806, 6-10-58, Cl. 271-31.
- Williams, Leo L., deceased; 40% to Luminator Harrison Inc.; 60% to L. H. Williams, executrix of said L. H. Williams. Multiple automatic bar cutting machine. 2,825,121, 3-4-58, Cl. 29-37.
- Williams, Leon.: *See*—
Wright, James A. 2,830,862.
- Williams, Leslie A.: *See*—
Knott, Edward B., and Williams. 2,861,076.
- Williams, Lester, to Consumers Glue Co. Spreader for cement and the like. 2,824,330, 2-25-58, Cl. 15-236.
- Williams, Lester W.: *See*—
Taylor, Zachary R., and Williams. 2,854,667.
- Williams, Louise N. Head rest for beauty salon chair or chaise longue. 2,831,529, 4-22-58, Cl. 155-173.
- Williams, Lucy H.: *See*—
Williams, Leo L. 2,825,121.
- Williams, Luther C. Shipping container. 2,832,496, 4-29-58, Cl. 220-5.
- Williams, Lyle N.: *See*—
Clayton, David P., and Williams. 2,866,082.
- Williams, Mahlon C., and T. T. Buckham. Vending machine for newspapers and the like. 2,858,047, 10-28-58, Cl. 221-213.
- Williams Mfg. Co., Inc.: *See*—
Lorang, William J. 2,851,320.
- Williams, Merton S., to The Eagle Lock Co. Box lock. 2,837,368, 6-3-58, Cl. 292-281.
- Williams, Michael.: *See*—
Drugmand, Lester D., and Williams. 2,846,536.
- Williams, Myron H. Game apparatus. 2,842,368, 7-8-58, Cl. 273-143.
- Williams, Oscar R., Jr., 1/2 to O. R. Williams, Sr. Automatic watering trough. 2,827,015, 3-18-58, Cl. 119-81.
- Williams, Oscar R., Sr.: *See*—
Williams, Oscar R., Jr. 2,827,015.
- Williams, Oscar S. Attached tractor cabs. 2,826,450, 3-11-58, Cl. 296-78.
- Williams, Paul.: *See*—
Wickwire, Arthur M., Williams, and Killian. 2,826,804.
- Williams, Paul H.: *See*—
Beaubien, Stewart J., Reamer, and Williams. 2,825,693.
- Williams, Philip L., to Adhesive Tapes Ltd. Anti stick coating. 2,829,073, 4-1-58, Cl. 117-161.
- Williams, Philip S., to Jersey Production Research Co. Down hole hydraulic pump for formation testing. 2,859,828, 11-11-58, Cl. 166-187.
- Williams, Ralph P.: *See*—
Mahan, John B., Turk, and Williams. 2,826,581.
- Williams, Ray C. to Pullman-Standard Car Mfg. Co. Railway tie positioning apparatus. 2,818,820, 1-7-58, Cl. 104-2.
- Williams, Ray C., to Standard Car Truck Co. Friction wedge for stabilized car truck. 2,827,987, 3-25-58, Cl. 188-251.
- Williams, Ray S., to Hagan Chemicals & Controls, Inc. Pneumatic trip valves. 2,829,857, 4-8-58, Cl. 251-28.
- Williams, Ray S., to Hagan Chemicals & Controls, Inc. Pneumatic toggle relay with controlled positive feed back. 2,829,858, 4-8-58, Cl. 251-28.
- Williams Research Corp.: *See*—
Williams, Sam B. 2,861,425.
- Williams, Richard E.: *See*—
Greenland, Lloyd D. 2,844,084.
- Williams, Richard E., to Wilbespan Research Labs, Inc. Electronic tone generator. 2,818,761, 1-7-58, Cl. 84-1.25.
- Williams, Richard E., to Wilbespan Research Labs, Inc. Photo-electric tone generator. 2,819,409, 1-7-58, Cl. 250-233.
- Williams, Richard H., to Northwestern Corrugated Box Co. Boxes. 2,844,295, 7-22-58, Cl. 229-33.
- Williams, Richard J., to American Metal Products Co. Vertical adjustable seat operated by jack mechanism. 2,865,428, 12-23-58, Cl. 155-14.
- Williams, Richard J., and R. G. Heyl, Jr., to American Metal Products Co. Adjusting means for the front seat of an automotive vehicle. 2,823,949, 2-18-58, Cl. 296-65.
- Williams, Richard J., and M. R. Steere, to American Metal Products Co. Lead screw selectively operable and releasable under load. 2,857,776, 10-28-58, Cl. 74-424.8.
- Williams, Robert A., to B & H Instrument Co., Inc. Adjustable resistance device. 2,860,215, 11-11-58, Cl. 201-59.
- Williams, Robert D.: *See*—
Abbott, Henry H., and Williams. 2,855,463.
- Williams, Robert E. Portable shell case. 2,837,258, 6-3-58, Cl. 224-15.
- Williams, Robert H. Envelope addresser. 2,820,408, 1-21-58, Cl. 101-132.5.
- Williams, Robert H. Semi-automatic addressing machine. 2,830,535, 4-15-58, Cl. 101-132.5.
- Williams, Robert J., to Burroughs Corp. Flip-flop circuit. 2,842,662, 7-8-58, Cl. 250-27.
- Williams, Roger B., Jr., to Sperry Rand Corp. Automatic synchronization indicator and control circuits for hyperbolic navigation receivers. 2,824,303, 2-18-58, Cl. 343-103.
- Williams, Roger F.: *See*—
Colburn, Pearl E., and L. Colburn. 2,830,810.
- Williams, Roger Q. Lock ring installation tongs. 2,833,172, 5-6-58, Cl. 81-10.
- Williams, Ronald L., C. E. Sinclair, and R. E. Burkhart, to Westinghouse Electric Corp. Electric heater assembly. 2,860,226, 11-11-58, Cl. 219-38.
- Williams, Roy C. Oil well pump plunger assembly. 2,862,457, 12-2-58, Cl. 103-220.
- Williams, Russell C., to General Motors Corp. Bulldozer angling arrangement. 2,821,795, 2-4-58, Cl. 37-144.
- Williams, Russell C., to General Motors Corp. Track roller assembly. 2,823,079, 2-11-58, Cl. 305-9.
- Williams, Russell C., E. J. Selye, and J. P. Carroll, to General Motors Corp. Hydraulic recoil mechanism. 2,837,378, 6-3-58, Cl. 305-9.
- Williams, Russell J.: *See*—
Brady, Charles V., and Williams. 2,857,826.
- Williams, Russell J., to Bemis Bro. Bag Co. Bag. 2,854,186, 9-30-58, Cl. 229-55.
- Williams, Russell J., to Bemis Bro. Bag Co. Bag. 2,865,556, 12-23-58, Cl. 229-62.5.
- Williams, Russell J., and M. J. Heimos, to Bemis Bro. Bag Co. Manufacture of bags. 2,822,733, 2-11-58, Cl. 93-8.
- Williams, Sam B., to Williams Research Corp. Fuel spray device for gas turbine combustion chamber. 2,861,425, 11-25-58, Cl. 60-39.74.
- Williams, Selden T., to Scovill Mfg. Co. Valve for tubeless tires. 2,845,979, 8-5-58, Cl. 152-427.
- Williams, Selden T., to Scovill Mfg. Co. Tubeless tire valve. 2,845,980, 8-5-58, Cl. 152-427.
- Williams, Selden T., to Scovill Mfg. Co. Tire valve inflation cap or extension. 2,854,020, 9-30-58, Cl. 137-232.
- Williams, Selden T., to Scovill Mfg. Co. Tubeless tire valve. 2,862,539, 12-2-58, Cl. 152-427.
- Williams, Selden T., to Scovill Mfg. Co. Truck tubeless tire valve. 2,864,426, 12-16-58, Cl. 152-427.
- Williams, Sherrod A., Jr.: *See*—
Messenger, Joseph U., Foster, Williams, and Hermes. 2,863,509.
- Williams, Sidney. Belt buckle. 2,836,871, 6-3-58, Cl. 24-170.
- Williams, Theodore R.: *See*—
Champ, Harley M., Williams, and Champ. 2,822,197.
- Williams, Theodore S.: *See*—
Barry, Martin J., and Williams. 2,824,886.
- Barry, Martin J., and Williams. 2,829,113.
- Williams, Thomas H., and D. P. MacLean. Method of preparing a sourdough pancake batter. 2,857,280, 10-21-58, Cl. 99-92.
- Williams, Thurston V., to The O. K. Tool Co., Inc. Tool and tool holder. 2,862,286, 12-2-58, Cl. 29-105.
- Williams, Victor G., to Delamere & Williams Co., Ltd. Powder filling machine. 2,834,383, 5-13-58, Cl. 141-73.
- Williams, W. Horace, Co., Inc.: *See*—
Cappel, Roy G. 2,842,940.
- Cappel, Roy G. 2,846,852.
- Williams, William B.: *See*—
Bart, Roger, and Williams. 2,843,492.
- Williams, William E. Belt buckle. 2,833,016, 5-6-58, Cl. 24-201.
- Williams, William K., to The Atlantic Refining Co. Method for improving well cementing jobs. 2,848,051, 8-19-58, Cl. 166-28.
- Williams, William L., L. Ellenbogen, and L. O. Olsen, to American Cyanamid Co. Augmentative intrinsic factor and process for preparing it in highly purified form. 2,848,367, 8-19-58, Cl. 167-74.
- Williams, William T.: *See*—
Kleason, Demetrius B., and Williams. 2,832,012.
- Williams, William W.: *See*—
Freyermuth, Harlan B., and Williams. 2,842,501.
- Kartinos, Nicholas J., and Williams. 2,849,447.
- Strobel, Albert F., and Williams. 2,826,573.
- Strobel, Albert F., and Williams. 2,829,139.
- Strobel, Albert F., and Williams. 2,834,772.
- Strobel, Albert F., and Williams. 2,841,577.
- Strobel, Albert F., and Williams. 2,842,537.
- Strobel, Albert F., and Williams. 2,853,481.
- Williams, William W., and W. H. Libby, to General Aniline & Film Corp. White fluorescent agent. 2,840,557, 6-24-58, Cl. 260-247.1.
- Williams & Williams Ltd.: *See*—
Fox-Williams, Jack, and Musgrave. 2,838,148.
- Williams, Willis J. Automatic hydraulic brake system. 2,843,227, 7-15-58, Cl. 188-152.
- Williams, Wyatt H., to Gould-National Batteries, Inc. Automatic stop for battery filling device. 2,822,831, 2-11-58, Cl. 141-209.
- Williamson, Addison H.: *See*—
Stryker, Harvey I., Williamson, and Gross. 2,833,782.
- Williamson, Cecil M., to General Electric Co. Emergency release latch mechanism. 2,849,250, 8-26-58, Cl. 292-92.
- Williamson, Charles J. Distributor. 2,866,912, 12-30-58, Cl. 310-70.

- Williamson, Clifford N., to Cornell-Dubilier Electric Corp. Vibrator structure. 2,864,979, 12-16-58, Cl. 317-182.
- Williamson Co., The: *See*—
- Calahan, William H. 2,835,447.
- Williamson, David T. N.: *See*—
- Shepherd, Alexander T., Walker, and Williamson. 2,862,200.
- Williamson, David T. N., to Ferranti Ltd. Gramophone pick-up heads. 2,854,529, 9-30-58, Cl. 179-100.41.
- Williamson, Floyd M. Circulating systems for hydraulic liquid between storage tanks and cylinders. 2,842,357, 7-8-58, Cl. 267-1.
- Williamson, Hilding V., J. C. Hesson, and W. F. Keller, to Cardox Corp. Apparatus for dispensing chlorine dioxide. 2,837,414, 6-3-58, Cl. 23-260.
- Williamson, James W., to Allmanna Svenska Elektriska Aktiebolaget. Magnetic stirrer for molten metal furnaces. Re. 24,463, 4-22-58, Cl. 13-26.
- Williamson, John S., and K. J. Helsing, to Westinghouse Electric Corp. Reversing relay for electric motors. 2,851,616, 9-9-58, Cl. 318-207.
- Williamson, Joseph A. Torch lighter. 2,826,904, 3-18-58, Cl. 67-20.1.
- Williamson Mfg. Co. Ltd.: *See*—
- Woodcock, Edward C. 2,825,823.
- Woodcock, Edward C. 2,853,294.
- Williamson, Marshall I. Cutting and creasing dies. 2,860,555, 11-18-58, Cl. 93-58.
- Williamson, Norman B., to Jarman-Williamson Co. Cart for golf bags. 2,825,574, 3-4-58, Cl. 280-38.
- Williamson, Oscar H.: *See*—
- Sider, Nicholas M., and Williamson. 2,865,552.
- Williamson, Paul D., to Smith-Corona Inc. Type striking platen operating means for visible printing calculating machines. 2,851,945, 9-16-58, Cl. 101-93.
- Williamson, Reginald M., to Minneapolis-Honeywell Regulator Co. Plural tank liquid level gauge. 2,838,933, 6-17-58, Cl. 73-304.
- Williamson, Reginald M., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,841,163, 7-1-58, Cl. 137-98.
- Williamson, Reginald M., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,841,164, 7-1-58, Cl. 137-98.
- Williamson, Robert H.: *See*—
- Wright, Richard A., and Williamson. 2,836,835.
- Williamson, Robert R.: *See*—
- Wigner, Eugene P., Williamson, and Young. 2,856,340.
- Williamson, Robert R., to United States of America, Atomic Energy Commission. Apparatus for detecting and locating presence of fluids. 2,852,459, 9-16-58, Cl. 204-193.2.
- Williamson, Stanley C.: *See*—
- Heinzelman, Edward, Jr., and Williamson. 2,820,731.
- Williamson, Val K.: *See*—
- Miller, Shade W., and Williamson. 2,866,956.
- Williamson, Victor L. Sorting apparatus. 2,856,071, 10-14-58, Cl. 209-125.
- Williamson, William R., to The Maxim Silencer Co. Heat exchanger and boiler construction for a sea water evaporator. 2,855,346, 10-7-58, Cl. 202-235.
- Willford, Oscar H., to Bell Telephone Laboratories, Inc. Permanent signal lock-out. 2,826,640, 3-11-58, Cl. 179-22.
- Willford, Oscar H., to Bell Telephone Laboratories, Inc. Tone applicator circuit. 2,866,854, 12-30-58, Cl. 179-18.
- Willinger, Francis G. Knockdown motorcycle frame. 2,861,815, 11-25-58, Cl. 280-278.
- Willingham, James E., Jr., to Esso Research and Engineering Co. Well testing device. 2,846,876, 8-12-58, Cl. 73-152.
- Willis, Donald W. Hyperbolic paraboloid generator. 2,840,924, 7-1-58, Cl. 35-34.
- Willis, Eugene. Electrical connector. 2,832,941, 4-29-58, Cl. 339-176.
- Willis, Grant N., and F. A. Clary, Jr., to A. J. Mitchell Co. Article orienting apparatus. 2,836,324, 5-27-58, Cl. 221-13.
- Willis, James M., to The Firestone Tire & Rubber Co. Method of building pneumatic tires. 2,822,026, 2-4-58, Cl. 154-14.
- Willis, Joseph B.: *See*—
- Smith, Dexter E., and Willis. 2,827,539.
- Willis, Joseph B., to Phillips Petroleum Co. Composition analyzer utilizing radiation. 2,863,060, 12-2-58, Cl. 250-43.5.
- Willis Oil Tool Co.: *See*—
- Willis, Robert S. 2,823,699.
- Willis, Robert S., 98% to Willis Oil Tool Co., and 1/4% to E. L. Decker. Valved coupling embodying fluid pressure actuated locking means. 2,823,699, 2-18-58, Cl. 137-625.26.
- Willis, Sumner C.: *See*—
- Barabas, John J., and Willis. 2,851,698.
- Willis, Victor M., to The Sherwin-Williams Co. Stabilized copper bronze powders and method. 2,864,719, 12-16-58, Cl. 106-290.
- Willis, Walter L. Fish holding device. 2,834,981, 5-20-58, Cl. 17-8.
- Willis, William D., to Hercules Powder Co. Vulcanization of rubbers. 2,845,411, 7-29-58, Cl. 260-94.7.
- Willig, William J.: *See*—
- Kaiser, Herman F., Mayes, and Willis. 2,830,211.
- Williston, Edward M.: *See*—
- Collins, Ernest H., and Williston. 2,828,081.
- Williston, Robert L., to Sanders Associates, Inc. Wave guide. 2,822,524, 2-4-58, Cl. 333-6.
- Williston, Robert L., to Allied Chemical Corp. Distillation of cyclohexanone from mixtures containing cyclohexanone, cyclohexanol, and water. 2,845,384, 7-29-58, Cl. 202-42.
- Williston Seamless Can Co., Inc.: *See*—
- Berkley, Howard L., and Le Count. 2,843,070.
- Willits, Hobart L., to Bom-Bee Drums, Inc. Orchestral and band drum with improved shell. 2,834,244, 5-13-58, Cl. 84-411.
- Willke, Louis G., and C. G. Cullen, to Cities Service Oil Co. Purification of methanol. 2,821,503, 1-28-58, Cl. 202-57.
- Willman, Frank L. Handle for barrel bolts and catches. 2,843,412, 7-15-58, Cl. 292-347.
- Willman, Philip E., to McGraw-Edison Co. Coffee basket lifter. 2,826,980, 3-18-58, Cl. 99-317.
- Willmer, David B.: *See*—
- Ludwig, Milton, and Willmer. 2,843,592.
- Willmes, Josef, and O. Braun. Apparatus for pressing food-stuffs. 2,846,944, 8-12-58, Cl. 100-153.
- Willmund, Wolf-Dieter: *See*—
- Kirstahler, Alfred, Strauss, and Willmund. 2,849,352.
- Strauss, Wennemar, Kirstahler, and Willmund. 2,842,488.
- Willoughby, Ray A., and E. W. Worthington, to R. Hoe & Co., Inc. Variable speed reversing drive for printing machine ink pumps. 2,854,853, 10-7-58, Cl. 74-325.
- Wills, David V. Paper clip device. 2,838,817, 6-17-58, Cl. 24-66.
- Wills, John R., and C. W. Jane, to Ex-Cell-O Corp. Carton folding and closing means. 2,841,942, 7-8-58, Cl. 53-375.
- Wills, Leonard A. Sanitary sipping-straw dispenser. 2,828,887, 4-1-58, Cl. 221-192.
- Wills, Marion C. and W. J., to Shawnee Mfg. Co., Inc. Roller attachment for tractors. 2,830,511, 4-15-58, Cl. 94-50.
- Wills, Thomas M., to E. I. du Pont de Nemours and Co. Viscous liquid mixing apparatus. 2,840,356, 6-24-58, Cl. 259-9.
- Wills, Wayne J.: *See*—
- Wills, Marion C. and W. J. 2,830,511.
- Willse, Jasper. Method of and apparatus for silencing the exhaust of internal combustion engines. 2,831,547, 4-22-58, Cl. 181-40.
- Willshaw, William E., to The M-O Valve Co. Ltd. Resonant cavity magnetrons. 2,831,148, 4-15-58, Cl. 315-39.53.
- Willshire, Stanley J., to International Standard Electric Corp. Traveling wave electron discharge device. 2,847,606, 8-12-58, Cl. 315-3.
- Willson, Harry C., to Reproducers and Amplifiers Ltd. Method of producing moving coil loud-speaker. 2,864,155, 12-16-58, Cl. 29-155.5.
- Willyoung, David M., to General Electric Co. Ventilation of end turn portions of generator rotor winding. 2,833,944, 5-6-58, Cl. 310-61.
- Willys Motors, Inc.: *See*—
- Sparks, Earl C., Jr. 2,854,621.
- Wilm, Carl C., to Magnex, Inc. Opener guards. 2,818,639, 1-7-58, Cl. 30-16.
- Wilmanns, Frederick A., and E. A. Ott., to Albert H. Weinbrenner Co. Safety shoes. 2,833,058, 5-6-58, Cl. 36-72.
- Wilmot-Breeden Ltd.: *See*—
- Harman, Julius. 2,854,271.
- Wilmot, Edwin G.: *See*—
- Hutt, Philip and Wilmot. 2,848,574.
- Wilmot, George, to Empaques de Carton Titan, S. A. Packing box. 2,835,432, 5-20-58, Cl. 229-39.
- Wilmotte, Raymond M., and L. L. Young, to Padevco Inc. Counters. 2,842,661, 7-8-58, Cl. 250-27.
- Wilms, Hugo: *See*—
- Kleiner, Helmut, Bayer, and Wilms. 2,846,406.
- Wilms, Hugo, O. Bayer, W. Bunge, and L. Bruns, to Farbenfabriken Bayer Akt. Cellular carbon monoxide-olefine copolymer-polyisocyanate products and process of producing same. 2,839,478, 6-17-58, Cl. 260-2.5.
- Wilmuth, Glen E. Can opener. 2,843,930, 7-22-58, Cl. 30-8.
- Wilshire Mfg. Co.: *See*—
- Goodman, Bayar. 2,841,218.
- Goodman, Bayar. 2,865,514.
- Wilson, Alexander L., and I. Frankel, to Corn Products Refining Co. Stabilized dextrose composition. 2,854,359, 9-30-58, Cl. 127-30.
- Wilson, Andrew N., to Merck & Co., Inc. Procaine salt of pyridoxal phosphate and process. 2,828,315, 3-25-58, Cl. 260-297.
- Wilson, Archie C. Process for air craft spraying and apparatus therefor. 2,836,463, 5-27-58, Cl. 299-30.
- Wilson, Archie S., to United States of America, Atomic Energy Commission. Precipitation of zirconium, niobium and ruthenium from aqueous solutions. 2,847,278, 8-12-58, Cl. 23-14.5.
- Wilson, Bernard D. Trailer hitch. 2,858,145, 10-28-58, Cl. 280-483.
- Wilson, Bernard T.: *See*—
- Steele, Floyd G., Sprague, and Wilson. 2,841,328.
- Wilson, Broadus, deceased; M. Wilson and R. E. Long, executors. Plastering machines. 2,819,679, 1-14-58, Cl. 103-152.
- Wilson, Broadus, deceased; M. Wilson and R. E. Long, executors of said B. Wilson. Apparatus for plastering. 2,823,618, 2-18-58, Cl. 103-150.

- Wilson, Bruce I., and W. A. Simdon. Chain saw grinder. 2,833,166, 5-6-58, Cl. 76-41.
- Wilson, Charles A.: *See—*
Boyes, Gordon, and Wilson. 2,821,003.
- Wilson, Charles T., Jr., and A. E. Siler, to North American Aviation, Inc. Antenna reflector support. 2,850,904, 9-9-58, Cl. 74-1.
- Wilson, Charles V.: *See—*
Knox, William J., Jr., Stenberg, and Wilson. 2,843,487.
Saunders, Vernon L., and Wilson. 2,865,752.
- Wilson, Chester E., to Union Oil Co. of California. Detergent lubricating composition. 2,831,810, 4-22-58, Cl. 252-33.4.
- Wilson, Christopher L. Method of making a detergent and solvent resistant sponge material. 2,846,407, 8-5-58, Cl. 260-2.5.
- Wilson, Christopher L., to Hudson Foam Plastics Corp. Reducing acidity of polyesters by treatment with alkylene carbonate. 2,863,854, 12-9-58, Cl. 260-75.
- Wilson, Christopher L., and C. J. Benning, to Hudson Foam Plastics Corp. Method of making polyester composition. 2,863,855, 12-9-58, Cl. 260-75.
- Wilson, Clifford D. Electrical heating unit and means for holding the same. 2,824,203, 2-18-58, Cl. 219-37.
- Wilson, Clifford K., R. H. Mount, and R. O. Jabbusch, to Food Machinery and Chemical Corp. Tomato peeler. 2,862,535, 12-2-58, Cl. 146-43.
- Wilson & Co., Inc.: *See—*
Garapolo, Orlando. 2,832,435.
- Wilson Concrete Co.: *See—*
Wilson, Wayne F. 2,858,595.
- Wilson, David D.: *See—*
Craig, Lester M., and Wilson. 2,828,980.
- Wilson, Dean G.: *See—*
Zimmerley, Stuart R., Wilson, and Prater. 2,829,964.
- Wilson, Earl R., to General Motors Corp. Valve spring retainer oil seal. 2,820,442, 1-21-58, Cl. 123-90.
- Wilson, Edward S.: *See—*
McMillan, Wilbur M., and Wilson. 2,832,063.
- Wilson, Edward S., and R. A. O'Hara, to International Business Machines Corp. Card registration checking device. 2,833,474, 5-6-58, Cl. 235-61.11.
- Wilson Electrical Equipment Co., Inc.: *See—*
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- Wilson, Eric J.: *See—*
Marsh, Gerald C., Wilson, and Kershaw. 2,834,481.
- Wilson, Ernest V., 50% to P. K. Miller. Simulated log siding. 2,829,404, 4-8-58, Cl. 20-5.
- Wilson, Eugene I. Wire mesh sign protector. 2,818,666, 1-7-58, Cl. 40-125.
- Wilson, Filmore G.: *See—*
Lawton, Thomas J., and Wilson. 2,844,464.
- Wilson, Forest. Sleeping unit. 2,852,787, 9-23-58, Cl. 5-2.
- Wilson, Frank R. Tube reaming tool. 2,845,824, 8-5-58, Cl. 77-73.
- Wilson, Frank R. Annular clamping blocks with tube clamping recesses for a flaring tool. 2,852,839, 9-23-58, Cl. 29-284.
- Wilson, Frank R. Tube flaring tool with clamp carrying gauge means for limiting the depth of tool feed. 2,853,116, 9-23-58, Cl. 153-81.
- Wilson, Fred R., Jr., $\frac{1}{4}$ to L. F. Peeler, and $\frac{1}{4}$ to Schley & Schley, Teepee. 2,842,145, 7-8-58, Cl. 135-1.
- Wilson, George D., to Baker Perkins Inc. Preparation of dough pieces for bread. 2,853,029, 9-23-58, Cl. 107-54.
- Wilson, Gerald G., to General Mills Inc. Bodied resinous polyamides. 2,839,549, 6-17-58, Cl. 260-404.5.
- Wilson, Gerald G.: *See—*
Groves, James H., and Wilson. 2,839,219.
- Wilson, Gunnar T., to Aktiebolaget Svenska Metallverken. Clipping or plucking scissors in wire rolling mills. 2,861,634, 11-25-58, Cl. 164-61.
- Wilson, Harold F., to Rohm & Haas Co. Preparation of 2,3-dichloroisobutyrate. 2,823,232, 2-11-58, Cl. 260-539.
- Wilson, Harold W., to Manning, Maxwell & Moore, Inc. Snap-action coupling. 2,843,350, 7-15-58, Cl. 251-86.
- Wilson, Harry A.: *See—*
Alix, Elmer C., and Wilson. 2,855,960.
- Wilson, Harry W. Method of applying dressing for prolonging the effective life of cloth belts and resultant article. 2,854,351, 9-30-58, Cl. 117-44.
- Wilson, Henry A., and R. W. Frazier, to United States of America, Air Force. Crystal cutting saw. 2,831,476, 4-22-58, Cl. 125-12.
- Wilson, Henry F., to United States of America, Atomic Energy Commission. Recovery of uranium from carbonate leach liquors. 2,841,468, 7-1-58, Cl. 23-14.5.
- Wilson, Herman I., to The Texas Co. Flame holder structure for ram jet combustor. 2,859,588, 11-11-58, Cl. 60-35.6.
- Wilson, Homer W. Apparatus for applying variegated sands to extruded brick-forming clay columns. 2,843,081, 7-15-58, Cl. 118-122.
- Wilson, Howard L.: *See—*
Etherington, Lewis D., Newberg, Wilson, and Sayko. 2,857,352.
- Wilson, Howard L., and S. B. Robison, to Esso Research and Engineering Co. Triply rubber laminate and method of making the same. 2,824,038, 2-18-58, Cl. 154-139.
- Wilson, Howard L., S. B. Robison, and W. C. Smith, to Esso Research and Engineering Co. Method of laminating using triplymer cements and articles made therefrom. 2,825,675, 3-4-58, Cl. 154-139.
- Wilson, J. A., Lighting & Display Inc.: *See—*
McCormack, Donald C. 2,828,408.
- Wilson, Jack, to Universal Railway Devices Co. Hand brake for railroad cars. 2,818,083, 8-19-58, Cl. 192-16.
- Wilson, Jack K., N. E., and R. S. Woodworking plane. 2,839,109, 6-17-58, Cl. 145-5.
- Wilson, Jack L.: *See—*
Newman, Arthur J., and Wilson. 2,848,593.
- Wilson, James J. Shrub or tree splint and method of applying it. 2,847,799, 8-19-58, Cl. 47-58.
- Wilson, James R., to Bell Telephone Laboratories, Inc. Traveling wave device. 2,829,300, 4-1-58, Cl. 315-3.5.
- Wilson, James S., D. V. Perman, H. H. Hansen, H. N. Broyles, G. W. Evans, P. Pavoni, and W. H. Kindel, to Mechanical Products, Inc. Packing apparatus. 2,864,218, 12-16-58, Cl. 53-124.
- Wilson, Joe B. Trimmer or paper cutter. 2,846,005, 8-5-58, Cl. 164-76.
- Wilson, John C.: *See—*
Leitner, Gordon F., Gruber, and Wilson. 2,832,131.
- Wilson, John H. Speed change indicator for use with weight. 2,829,620, 4-8-58, Cl. 116-129.
- Wilson, John H. Cylinder assembly. 2,832,653, 4-29-58, Cl. 309-3.
- Wilson, John H. Threadless coupled, slender ratio, hydraulic cylinder-plunger assembly. 2,854,952, 10-7-58, Cl. 121-1.
- Wilson, John L.: *See—*
Hartley, James C., Day, and Wilson. 2,847,786.
- Wilson, John M. Clothes hanger. 2,829,810, 4-8-58, Cl. 223-88.
- Wilson-Jones Co.: *See—*
Marano, Herbert W. 2,824,307.
Marano, Herbert W. 2,857,595.
Marano, Herbert W. 2,853,016.
Rundblad, George J., and Carelli. 2,862,505.
- Wilson, Joseph C., to Haloid Xerox Inc. Method of developing electrostatic images. 2,846,333, 8-5-58, Cl. 117-17.5.
- Wilson, Joseph D., and C. P. Burlinson. Bottle closure. 2,839,227, 6-17-58, Cl. 222-484.
- Wilson, Joseph D. C., II, to E. I. du Pont de Nemours and Co. Enoxidation process. 2,838,524, 6-10-58, Cl. 260-348.5.
- Wilson, Joseph E.: *See—*
Myers, Clayton S., Wilson, and Bostwick. 2,820,774.
- Wilson, Joseph F.: *See—*
Hillyer, John C., and Wilson. 2,820,825.
- Wilson, Joseph F., to Phillips Petroleum Co. Heat stabilized copolymerize of a vinylidene monomer and an unsaturated polyester and method of preparing and using same. 2,857,303, 10-21-58, Cl. 154-140.
- Wilson, Joseph G., to Shell Development Co. Contacting tray deck assembly. 2,860,860, 11-18-58, Cl. 261-113.
- Wilson, Joseph R., to Stratford Engineering Corp. Scraper blade assembly for the interior side wall of a grease kettle. 2,834,977, 5-20-58, Cl. 15-246.5.
- Wilson, Joseph W.: *See—*
Kline, Richard E., and Wilson. 2,854,894.
- Wilson, Kenneth T. Flexible journal bearing and seal for rotatable members. 2,853,345, 9-23-58, Cl. 308-36.1.
- Wilson, Kermit H. Folding sectional table. Re. 24,454, 4-8-58, Cl. 311-92.
- Wilson, Kermit H. Folding table. 2,831,741, 4-22-58, Cl. 311-92.
- Wilson, Lawrence A., and C. E. Branscomb, to International Business Machines Corp. Paper feeding device. 2,827,291, 3-18-58, Cl. 271-45.
- Wilson, Leonard K. Friction drive, ratchet-type wrench. 2,824,476, 2-25-58, Cl. 81-58.
- Wilson, Lester E., Jr., to High Voltage Engineering Corp. Electrostatic generator. 2,858,460, 10-28-58, Cl. 310-5.
- Wilson, Lloyd E.: *See—*
Patterson, John E. 2,851,706.
- Wilson, Louis D., H. F. Welsh, and J. P. Eckert, Jr., to Sperry Rand Corp. Information translating apparatus. 2,860,756, 11-18-58, Cl. 197-19.
- Wilson, Louis F. Invalid chair assembly. 2,850,075, 9-2-58, Cl. 155-30.
- Wilson, Malcolm H. Shipping container for mirrors and the like. 2,822,921, 2-11-58, Cl. 206-62.
- Wilson, Margaret: *See—*
Wilson, Broadus. 2,819,679.
Wilson, Broadus. 2,823,618.
- Wilson, Marion C.: *See—*
Jicha, Walter F., and Wilson. 2,862,579.
Veselik, Emil, Wilson, and Jicha. 2,835,349.
- Wilson, Marion C., to Calumet Steel Castings Corp. Wheel Block. 2,848,070, 8-19-58, Cl. 188-32.
- Wilson, Marvin J. Trolley-suspended vehicle-washing machine. 2,854,680, 10-7-58, Cl. 15-21.
- Wilson, Norman A., to Morgan Construction Co. Rod switch. 2,852,075, 9-16-58, Cl. 164-61.
- Wilson, Norman B. Shoe mounting for centrifugal clutch. 2,833,384, 5-6-58, Cl. 192-105.
- Wilson, Norman E.: *See—*
Wilson, Jack K., N. E., and R. S. 2,839,109.
- Wilson, Ransford B., and W. F. Knechel, to Eastman Kodak Co. Mixed packet photographic emulsions with polyvinyl resin continuous phase. 2,843,489, 7-15-58, Cl. 96-98.
- Wilson, Raymond A.: *See—*
Nixon, Alan C., Deal, and Wilson. 2,835,714.
- Wilson, Raymond J. Chambermaid's cart. 2,865,647, 12-23-58, Cl. 280-47.35.

- Wilson, Raymond W., to Ford Motor Co. Coulter mounting 2,826,134, 3-11-58, Cl. 97-198.1.
- Wilson, Reagan T.: *See*—
Lanning, William C., and Wilson. 2,864,762.
- Wilson, Rex, and H. Van Jepmond, to Hazeltine Research, Inc. Combined beam-intensity and sweep-control apparatus for a cathode-ray tube. 2,862,143, 11-25-58, Cl. 315-22.
- Wilson, Robert, to Kelvin & Hughes Ltd. Electro-acoustic transducer with acoustic coupling means. 2,830,201, 4-8-58, Cl. 310-8.3.
- Wilson, Robert B.: *See*—
Atwood, Harold B., and Wilson. 2,818,888.
- Wilson, Robert E.: *See*—
Woods, William B., Wilson, and Sweer. 2,832,536.
- Wilson, Robert E., to United States of America, Navy. Analog division device. 2,839,245, 6-17-58, Cl. 235-61.
- Wilson, Robert E., Jr. Needle manipulating device for hand sewing. 2,829,812, 4-8-58, Cl. 223-110.
- Wilson, Robert K., and E. M. Stoner. Electrical valve actuator. 2,848,904, 8-26-58, Cl. 74-625.
- Wilson, Robert R.: *See*—
Fowler, Gerald I., and Wilson. 2,821,302.
- Wilson, Robert S.: *See*—
Wilson, Jack K., N. E., and R. S. 2,839,109.
- Wilson, Robert W.: *See*—
Suggs, Charles W., and Wilson. 2,834,174.
- Wilson, Robert W., to Research Corp. Tobacco priming device. 2,834,173, 5-13-58, Cl. 56-27.5.
- Wilson, Ronald C.: *See*—
Dolza, John, and Wilson. 2,820,351.
- Wilson, Rosser L., to American Brake Shoe Co. Brake shoes. 2,835,356, 5-20-58, Cl. 188-252.
- Wilson, Roy K., to St Joe Paper Co. Basket. 2,838,221, 6-10-58, Cl. 229-27.
- Wilson, Rufus W.: *See*—
Wald, John R., Jr., and Wilson. 2,862,399.
- Wald, John R., Jr., Wilson, and Fry. 2,861,643.
- Wilson, Rufus W., to Wald Industries, Inc. Apparatus and method for marking a surface. 2,821,890, 2-4-58, Cl. 94-44.
- Wilson, Rufus W., and J. C. Horn, to Wald Industries, Inc. Trailer. 2,860,800, 11-18-58, Cl. 214-506.
- Wilson, Samuel A. Dehydration of natural gas streams and cold separation units therefor. 2,820,833, 1-21-58, Cl. 260-476.
- Wilson, Samuel A., to National Tank Co. Water knockout tanks. 2,844,213, 7-22-58, Cl. 183-2.7.
- Wilson, Samuel G.: *See*—
Kantor, Max, and Wilson. 2,838,551.
- Wilson, Samuel W., to Esso Research and Engineering Co. Method of fortifying sulfuric acid. 2,819,948, 1-14-58, Cl. 23-172.
- Wilson, Samuel W., to Esso Research and Engineering Co. Acid absorption of olefins. 2,859,237, 11-4-58, Cl. 260-460.
- Wilson, Teck A.: *See*—
Jamieson, Hugh W., Kibler, and Wilson. 2,841,783.
- Wilson, Theodore J.: *See*—
Callen, Max W., and Wilson. 2,861,757.
- Wilson, Theodore J., to Minneapolis-Honeywell Regulator Co. Apparatus for radio control of aircraft path. 2,856,140, 10-14-58, Cl. 244-77.
- Wilson, Theon D. Reinforced concrete cribbing. 2,828,613, 4-1-58, Cl. 61-47.
- Wilson, Thomas E., to Kool Kooshion Mfg. Co. Coil shaping and mashing machine. 2,854,033, 9-30-58, Cl. 140-71.
- Wilson, Thomas P., to Union Carbide Corp. Synthesis of hydrocarbons with a catalyst containing lead deposited from a tetraalkyl lead. 2,824,116, 2-18-58, Cl. 260-449.6.
- Wilson & Toomer Fertilizer Co.: *See*—
Jackson, Julian H., Mayeux, and Head. 2,821,500.
- Wilson, W. F.: *See*—
McCormick, Karl. 2,829,637.
- Wilson, Wayne E. Spherical water craft. 2,838,022, 6-10-58, Cl. 115-20.
- Wilson, Wayne F., to Wilson Concrete Co. Forming attachments for concrete molding machines. 2,858,595, 11-4-58, Cl. 25-30.
- Wilson, Will F.: *See*—
Moore, Buell. 2,860,236.
- Wilson, William A.: *See*—
Evering, Bernard L., Coley, and Wilson. 2,853,435.
- Wilson, William C., and A. J. Bishop, Jr. Safety-switches for making and breaking electric circuits. 2,826,662, 3-11-58, Cl. 200-165.
- Wilson, William J., to Sanders Associates, Inc. Transmission-line switch. 2,854,543, 9-30-58, Cl. 200-87.
- Wilson, William K.: *See*—
Halford, Frank B., and Wilson. 2,860,851.
- Wilson, William L. Transmission. 2,848,907, 8-26-58, Cl. 74-688.
- Wilson, William W., to United States Steel Corp. Orifice plate mounting. 2,836,199, 5-27-58, Cl. 138-45.
- Wilt, Myron H.: *See*—
Harris, James O., and Wilt. 2,839,511.
- Wilt, Thomas M. Electric induction gasoline fuel injector. 2,829,631, 4-8-58, Cl. 123-139.
- Wilt's United Dairies Ltd.: *See*—
Taunton, Gerald. 2,859,796.
- Wiltse, Sumner D. Flanged pipes coupled by resilient sealing gasket having Venturi-like fluid passage. 2,828,979, 4-1-58, Cl. 285-109.
- Wiltse, Sumner D. Fluid seal for rotary shafts. 2,834,618, 5-13-58, Cl. 286-9.
- Wiltse, Tracy R. Hydraulic expanding and retracting rotating member. 2,847,188, 8-12-58, Cl. 255-22.
- Wiltsey, Howard E., to J. I. Case Co. Cotton picking unit and mounting means therefor. 2,826,887, 3-18-58, Cl. 56-14.
- Wiltsey, Howard E., to J. I. Case Co. Forage blower having a swingable hopper. 2,852,314, 9-16-58, Cl. 302-37.
- Wiltsey, Howard E., to J. I. Case Co. Dirt-eliminating auger conveyor for a cotton stripper. 2,853,242, 9-23-58, Cl. 241-68.
- Wiman, Karl O., to Kopparfors Aktiebolag. Movement transmitting mechanism with automatic stopping means. 2,831,356, 1-22-58, Cl. 74-128.
- Wimmer, Ernest L., to The American Sugar Refining Co. Water insoluble complex of quaternary ammonium salt, a heavy-metal oxide, and an organic colloid and method of preparing same. 2,853,414, 9-23-58, Cl. 167-22.
- Wimmer, Glen E.: *See*—
Sykes, Charles J., and Wimmer. 2,825,963.
- Wimmer, Herman J.: *See*—
Schum, Eugene F., and Wimmer. 2,825,530.
- Wimmer, Robert J., Jr.: *See*—
Hibbsman, Henry J., Dole, and Wimmer. 2,853,281.
- Winans, Joseph D. Over-center relay switch. 2,830,149, 4-8-58, Cl. 200-87.
- Winberg, Hilmer E., to E. I. du Pont de Nemours and Co. Process for making cycloheptatrienes. 2,831,906, 4-22-58, Cl. 260-666.
- Winberg, Hugo T., to Aktiebolaget Separator. Method of purifying heavy fuel oil for fueling internal combustion engines. 2,862,876, 12-2-58, Cl. 208-187.
- Winberg, Ragnar W., to O & W Sewing Machine Attachments Inc. Bobbin manufacture and control. 2,854,938, 10-7-58, Cl. 112-218.
- Wince, Orin V.: *See*—
Throop, Charles C., and Wince. 2,864,537.
- Wince, Veal S., to Holophane Co., Inc. Lighting fixtures. 2,863,990, 12-9-58, Cl. 240-78.
- Wincentis, Forest R.: *See*—
Webster, Robert S. 2,821,428.
- Winch, William J., Jr.: *See*—
Barlow, Niles L., and Winch. 2,855,505.
- Win-Check, Inc.: *See*—
Bielek, Arthur E. 2,865,044.
- Winchell, Frank J., to General Motors Corp. Transmission. 2,854,300, 9-30-58, Cl. 308-235.
- Winckhofer, Robert C., to Allied Chemical Corp. Apparatus for reducing shrinkage and creep of thermoplastic yarns. 2,859,472, 11-11-58, Cl. 18-1.
- Winco Ventilator Co.: *See*—
Knabatzky, Woodrow P., and T. O. 2,823,773.
- Wind Turbine Co.: *See*—
Sewell, Donald N. 2,846,174.
- Veldhuis, Albert C. 2,864,927.
- Weeks, Robert W. 2,828,841.
- Weeks, Robert W. 2,844,231.
- Weeks, Robert W., and Park. 2,860,897.
- Windebank, Robert W.: *See*—
Planer, George V., and Windebank. 2,838,639.
- Windemuth, Edwin: *See*—
Gensel, Herbert, Tischbein, and Windemuth. 2,866,722.
- Winderl, Harold F.: *See*—
Wright, Floyd H., and Winderl. 2,844,794.
- Winders, William D. Machine for posting and manifold business records. 2,846,239, 8-5-58, Cl. 282-5.
- Winderweide, Howell W., Jr. Shoe hanger. 2,845,185, 7-29-58, Cl. 211-114.
- Windheuser, John J.: *See*—
Cooper, Jack, Pasquale, and Windheuser. 2,857,313.
- Windisch, Louis: *See*—
Reiterer, Ferdinand, and Windisch. 2,831,628.
- Windle, Carl A. Adjustable resilient heel construction. 2,825,154, 3-4-58, Cl. 36-38.
- Windle, Carl A. Cushioned heel construction. 2,836,907, 6-3-58, Cl. 36-38.
- Windmüller, Alfred: *See*—
Paul, Walter. 2,830,811.
- Windmüller and Hölscher: *See*—
Paul, Walter. 2,830,811.
- Windover, Francis E.: *See*—
Sloan, Harold F., Greminger, Windover, and Rodgers. 2,838,384.
- Windover, Francis E., A. W. Anderson, and G. K. Greminger, Jr., to The Dow Chemical Co. Water-soluble thermoplastic cellulose ether compositions. 2,839,419, 6-17-58, Cl. 106-188.
- Window Products, Inc.: *See*—
Haas, Glenn B. 2,856,648.
- Windstrup, Robert F.: *See*—
Nutting, Robert G., and Windstrup. 2,836,106.
- Rosenblum, Robert A., and Windstrup. 2,839,861.
- Windstrup, Robert F., E. Rose, and N. S. Miller, to Peters Machinery Co. Bag header. 2,865,152, 12-23-58, Cl. 53-14.
- Wineberg, Melvin P.: *See*—
Grogg, William, Jr., and Wineberg. 2,860,276.
- Winegar, Burnell E. Structural form. 2,845,683, 8-5-58, Cl. 25-118.
- Winegard, John R. TV antenna having uniform directivity pattern. 2,832,956, 4-29-58, Cl. 343-819.

- Wineman, Robert J.: *See*—
Anagnostopoulos, Constantine E., and Wineman. 2,828,208.
- Winer, Ephraim, to The National Plastic Products Co. Panel construction having a cellular core. 2,840,430, 6-24-58, Cl. 311—106.
- Winfield, Denis: *See*—
McCarthy, Patrick G., and Winfield. 2,839,908.
McCarthy, Patrick G., and Winfield. 2,841,001.
- Winfield, Dewey E. Bubble disseminator. 2,832,173, 4-29-58, Cl. 46—8.
- Winfield, Raymond. Time selective meter circuit. 2,822,514, 2-1-58, Cl. 324—20.
- Winfree, Robert N., to Kel-Win Mfg. Co., Inc. Manual and automatic valves. 2,865,591, 12-23-58, Cl. 251—75.
- Winfree, Robert N., and H. C. Reed. Pan greasing machine. 2,856,802, 10-21-58, Cl. 118—8.
- Wing, Archie L. Insecticide fog system. 2,862,765, 12-2-58, Cl. 299—86.
- Wing, Willis G., to Sperry Rand Corp. Accelerometers. 2,840,366, 6-24-58, Cl. 264—1.
- Wingard, Nealy B.: *See*—
Barefoot, Samuel H., and Wingard. 2,819,827.
- Wingard, William F., to United-Carr Fastener Corp. Electrical assembly. 2,828,393, 3-25-58, Cl. 200—166.
- Wingardner, Charles A.: *See*—
Breed, Rolland N., Cesareo, Germanton, Roberts, Weber, and Wingardner. 2,848,543.
- Wingenroth, Leonora. Cleansing device. 2,832,342, 4-29-58, Cl. 128—363.
- Wingerd, Winston H.: *See*—
Block, Richard J., and Wingerd. 2,830,905.
- Winget, James L.: *See*—
Tripp, Robert W., and Winget. 2,844,802.
- Wingfoot Corp.: *See*—
Bristol, Kenneth E. 2,866,717.
Ford, Charles J. 2,850,252.
Kilborn, Karl B. 2,850,241.
Swartz, Ruby J., and Snyder. 2,835,433.
- Wingo, Charles N. Food warmer. 2,833,906, 5-6-58, Cl. 219—35.
- Winick, Martha R.: *See*—
Winick, Morris. 2,844,815.
- Winick, Morris, deceased, by M. R. Winick, administratrix, to American Machine & Foundry Co. Beacon coders. 2,844,815, 7-22-58, Cl. 340—354.
- Winicov, Murray W.: *See*—
Shelanski, Morris V., and Winicov. 2,826,528.
Shelanski, Morris V., and Winicov. 2,863,798.
- Wink, Frederick W., $\frac{1}{2}$ to J. G. Herzberg. Force applying attachment for portable power drills. 2,842,341, 7-8-58, Cl. 255—52.
- Winkel, Herbert C. Assembling machine for battery plate groups. 2,830,692, 4-15-58, Cl. 19—35.
- Winkel, Herbert C. Battery grid trimming machine. 2,858,931, 11-4-58, Cl. 198—160.
- Winkel, Herbert C., K. G. McGowan, and C. H. McAlpine; said McGowan and said McAlpine assors. to said Winkel. Adjustable comb structure. 2,843,072, 7-15-58, Cl. 113—99.
- Winkel, Herbert C., K. G. McGowan, H. H. Meschke, and C. H. McAlpine; said McGowan, Meschke, and McAlpine assors. to said Winkel. Automatic battery parts casting machine. 2,843,894, 7-22-58, Cl. 22—76.
- Winkel, Herbert C., C. H. McAlpine, and H. H. Meschke; said McAlpine and said Meschke assors. to said Winkel. Battery grid stacking apparatus. 2,859,859, 11-11-58, Cl. 198—35.
- Winkelman, James. Valve structure for aerators or the like. 2,856,955, 10-21-58, Cl. 137—512.
- Winkelmann, Otto J.: *See*—
Butterfield, John P., Walter, Winkelmann, and Jones. 2,860,528.
- Winker, James A., to General Mills, Inc. Balloon message release mechanism. 2,865,583, 12-23-58, Cl. 244—137.
- Winkle, Ottmar, and J. Liebel, to Maschinenfabrik Augsburg-Nürnberg A. G. Change speed gear operating system. 2,861,465, 11-25-58, Cl. 74—473.
- Winkler, Albert H., to Bendix Aviation Corp. Carburetor. 2,828,952, 4-1-58, Cl. 241—23.
- Winkler, Albert H., to Bendix Aviation Corp. Automatic choke. 2,833,529, 5-6-58, Cl. 261—52.
- Winkler, Alfred: *See*—
Kaden, Willy, and Winkler. 2,833,189.
- Winkler, Alfred, and W. Kaden. Agfa Akt. Scanning mechanism for roll-film cameras. 2,858,752, 11-4-58, Cl. 95—31.
- Winkler, Alfred, and W. Kaden to Agfa Akt. Photographic exposure-time measuring device. 2,861,505, 11-25-58, Cl. 95—10.
- Winkler, Alvin L.: *See*—
Hall, Marchand B., and Winkler. 2,853,938.
- Winkler, Alvin L., and J. N. Wognum, to Acme Steel Co. Strip feed measuring device. 2,846,218, 8-5-58, Cl. 271—24.
- Winkler, Charles. Walking and sitting doll. 2,829,466, 4-8-58, Cl. 46—149.
- Winkler, De Loss E.: *See*—
Shokal, Edward C., Devlin, and Winkler. 2,839,514.
- Winkler, De Loss E., and G. W. Hearne, to Shell Development Co. Non-catalytic liquid phase isobutane oxidation. 2,845,461, 7-29-58, Cl. 260—610.
- Winkler, De Loss E., G. W. Hearne, and W. E. Vaughan, to Shell Development Co. Di-tertiary-alkyl peroxide production. 2,862,973, 12-2-58, Cl. 260—610.
- Winkler, Edward D., to Albert & J. M. Anderson Mfg. Co. Electrical connector. 2,838,739, 6-19-58, Cl. 339—47.
- Winkler, Edwin W., $\frac{1}{2}$ to Gadget-Of-The-Month Club, Inc. Portable shower bath apparatus. 2,852,784, 9-23-58, Cl. 4—154.
- Winkler, Frederic C., and N. Stauffer, to Westinghouse Electric Corp. Luminaire. 2,831,962, 4-22-58, Cl. 240—9.
- Winkler, Heinz: *See*—
Herrmann, Willy O., Haehnel, and Winkler. 2,837,770.
Herrmann, Willy O., Haehnel, and Winkler. 2,855,374.
- Winkler, Morris K. Automatic elevating shelf device. 2,849,801, 1-14-58, Cl. 211—121.
- Winkler, Morris R. Slotted sewing needle. 2,865,543, 12-23-58, Cl. 223—102.
- Winkler, Otto: *See*—
Auwärter, Max, and Winkler. 2,826,353.
- Winkler, Otto. High vacuum diffusion pump. 2,819,011, 1-7-58, Cl. 230—101.
- Winkler, Richard, and K. Dünnebie, to Berkley Machine Co. Apparatus for applying a pressure sealing gum to envelopes and similar workpieces. 2,821,161, 1-28-58, Cl. 118—63.
- Winkler, Richard, and K. Dünnebie, to Berkley Machine Co. Method of and apparatus for stacking envelopes and like articles. 2,856,189, 10-14-58, Cl. 271—69.
- Winkler, Richard, and K. Dünnebie. Machine for use in the production of confectionery. 2,857,857, 10-28-58, Cl. 107—3.
- Winnai, Henry F.: *See*—
Blasi, Paul E., McMorde, and Winnai. 2,838,059.
- Winnan, Russell M.: *See*—
Alexander, John S., Winnan, and Majeske. 2,840,161.
- Winnan, Russell M., to American Screen Products Co. Plastic wicket for screens. 2,854,072, 9-30-58, Cl. 160—180.
- Winnan, Russell M., and B. W. Saxton, to American Screen Products Co. Operator bridging unit for metal window screens. 2,848,043, 8-19-58, Cl. 160—95.
- Winnen, Franklin E.: *See*—
Benjamin, Milton L., and Winnen. 2,842,839.
Benjamin, Milton L., and Winnen. 2,847,882.
- Winningham, Arthur: *See*—
Kleeman, William, and Winningham. 2,830,605.
- Winningstad, Chester N., to the United States of America as represented by the United States Atomic Energy Commission. Control and fault detector circuit. 2,829,316, 4-1-58, Cl. 317—20.
- Winona Tool Mfg. Co.: *See*—
Fuglie, Elmer A. 2,845,248.
Fuglie, Elmer A. 2,865,150.
- Winslow, James W., and R. C. Schumacher, to Bohn Aluminum & Brass Corp. Four-part core pin. 2,818,618, 1-7-58, Cl. 22—173.
- Winslow, James W., and R. C. Schumacher, to Bohn Aluminum & Brass Corp. Molding machine. 2,824,347, 2-25-58, Cl. 22—93.
- Winslow, Albert E., to Standard Screw Co. Bobbin hanger. 2,836,376, 5-27-58, Cl. 242—130.2.
- Winslow, Albert E., and J. H. McIlwain, to J. P. Stevens & Co., Inc. Slubbing mechanism for spinning frames. 2,820,253, 1-21-58, Cl. 19—143.3.
- Winslow, Albert E., and M. M. Waldrop, to J. P. Stevens & Co., Inc. Letoff control mechanism. 2,838,921, 6-17-58, Cl. 66—86.
- Winslow, Arnold A., to Robertshaw-Fulton Controls Co. Thermostatic regulator. 2,822,135, 2-4-58, Cl. 236—99.
- Winslow, Arnold A., to Robertshaw-Fulton Controls Co. Combination broiler and oven control. 2,826,368, 3-11-58, Cl. 236—99.
- Winslow, Arnold A., to Robertshaw-Fulton Controls Co. Connection for indicator dials or the like. 2,855,229, 10-7-58, Cl. 287—53.
- Winslow Engineering and Mfg. Co.: *See*—
Nostrand, William G. 2,850,168.
- Winslow, James C., to Winslow Product Engineering Corp. Rivet removing tool with cutting edges and impact surface. 2,853,723, 9-30-58, Cl. 7—14.1.
- Winslow Product Engineering Corp.: *See*—
Winslow, James C. 2,853,723.
- Winsor, Philip A.: *See*—
Elton, Maurice, and Winsor. 2,853,453.
- Winstead, Clyde E., Jr.: *See*—
Dayer, Donald L., and Winstead. 2,818,586.
- Winsten, Joseph. Liver retractor for cholecystectomies. 2,863,444, 12-9-58, Cl. 128—20.
- Winstrom, Leon O., to Allied Chemical & Dye Corp. Catalytic hydrogenation of aromatic nitro compounds to amines. 2,822,397, 2-4-58, Cl. 260—580.
- Wintenberg, Adelbert C.: *See*—
Travilla, James C., Wintenberg, and Stein. 2,841,095.
- Wintenberg, Adelbert C., to General Steel Castings Corp. Railway truck bolster retainer. 2,821,150, 1-28-58, Cl. 105—200.
- Winter, Charles H.: *See*—
Eaton, Russell B., and Winter. 2,825,642.
- Winter, Ernest F., and J. A. Wooldridge, to Shell Development Co. Pipe line flow control. 2,842,152, 7-8-58, Cl. 137—154.
- Winter, Erno, to Egyesült Izzolampa és Villamosági Reszvénytársaság. Electron multiplier. 2,836,760, 5-27-58, Cl. 315—12.
- Winter, Ernst, & Sohn: *See*—
Lau, Karl. 2,826,877.

- Winter, Eugene C.: *See*—
Sardeson, Robert, and Winter. 2,850,210.
- Winter, George W., to United States of America, Navy. "C" scan for cathode ray tubes. 2,860,332, 11-11-58, Cl. 343-11.
- Winter Hydrocraft Ltd.: *See*—
Thomas, Alan M. 2,855,885.
Thomas, Alan M. 2,861,533.
- Winter, Lloyd E., to Collins Radio Co. Differential mechanism. 2,824,453, 2-25-58, Cl. 7-1-10-54.
- Winter, Marvin, to The Pelton & Crane Co. Power-operated dental aspirator. 2,821,021, 1-28-58, Cl. 32-33.
- Winter, Otto W. Grinding devices. 2,823,496, 2-18-58, Cl. 51-168.
- Winter, Otto W. Machine for making shell molds. 2,852,819, 9-23-58, Cl. 22-20.
- Winter, Otto W. Shell molding machine. 2,859,497, 11-11-58, Cl. 22-20.
- Winter, Raymond G. Jr. Safety cut off valve for hydraulic brake system. 2,824,627, 2-25-58, Cl. 188-151.
- Winter-Weiss Co., The: *See*—
Colquhite, Oddie. 2,829,866.
Colquhite, Oddie. 2,838,282.
Colquhite, Oddie. 2,839,272.
- Winterbauer, Edward A. Flexible steering wheel. 2,830,464, 4-15-58, Cl. 74-555.
- Winterbottom, James M.: *See*—
Garwin, Leo, and Winterbottom. 2,860,038.
- Winterhaider, Ludwig, to Byk-Gulden Lomberg Chemische Fabrik G. m. b. H. Process of producing pure halogeno methyl (p hydroxy phenyl)ketones. 2,838,570, 6-10-58, Cl. 260-592.
- Winterhalter, Alfred C., to Sun Oil Co. Analogue computing and plotting device. 2,849,182, 8-26-58, Cl. 235-61.
- Winterling, Karl H., and A. Kowert, to Hartmann & Braun Akt. Device for the quantitative determination of gaseous infrared-absorbing material. 2,844,729, 7-22-58, Cl. 250-43.5.
- Wintermute, Harry A., to Research Corp. Apparatus for separating material from gases. 2,841,240, 7-1-58, Cl. 183-7.
- Wintermute, Harry A., to Research Corp. Method and apparatus for electrical separation of emulsions. 2,849,395, 8-26-58, Cl. 204-305.
- Wintermute, Harry A., to Research Corp. Electrical precipitators and energizing circuit therefor. 2,860,723, 11-18-58, Cl. 183-7.
- Winternitz, Paul F., and A. A. Carotti, to Olin Mathieson Chemical Corp. Condensation trap. 2,837,318, 6-3-58, Cl. 257-29.
- Winters, Charles E. Recovery of uranium from pitchblende ores. 2,859,091, 11-4-58, Cl. 23-14.5.
- Winters, Henry E., Jr.: *See*—
Margulies, Paul H., and Winters. 2,860,039.
- Winters, John B. Cadmium plating. 2,833,705, 5-6-58, Cl. 204-50.
- Winters, John D., and A. C. Nichols, to Fansteel Metallurgical Corp. Powder feed mechanism. 2,820,577, 1-21-58, Cl. 222-306.
- Winters, John D., and R. J. Perme, to Fansteel Metallurgical Corp. Machine for pressing tantalum capacitor elements. 2,823,419, 2-18-58, Cl. 18-20.
- Winters, John D., and R. J. Perme, to Fansteel Metallurgical Corp. Detector means for can head crimping machine. 2,845,888, 8-5-58, Cl. 113-7.
- Winters, Lester E. Welder cable terminal. 2,831,911, 4-22-58, Cl. 174-15.
- Winters, Robert W., to Olin Mathieson Chemical Corp. Casting apparatus. 2,857,637, 10-28-58, Cl. 22-57.4.
- Winters, Thomas F., and J. J. Lavin. Packet construction. 2,863,463, 12-9-58, Cl. 132-73.5.
- Wintersberger, Karl: *See*—
Jockers, Kurt, Meier, and Wintersberger. 2,823,101.
- Winther, Jerrold B. Tube analyzer. 2,834,936, 5-13-58, Cl. 324-27.
- Winther, Martin P., to Eaton Mfg. Co. Constant horsepower drive. 2,822,484, 2-4-58, Cl. 310-96.
- Winther, Martin P., to Eaton Mfg. Co. Flowable magnetic material drive. 2,832,449, 4-29-58, Cl. 192-21.5.
- Winther, Martin P., to Eaton Mfg. Co. Electromagnetic coupling device. 2,838,702, 6-10-58, Cl. 310-105.
- Winther, Martin P., to Eaton Mfg. Co. Hydromechanical transmission for vehicles. 2,839,951, 6-24-58, Cl. 74-677.
- Winther, Simon P., 40% to L. Krueger. Vibratory electric shaver. 2,828,539, 4-1-58, Cl. 30-43.
- Winthrop-Atkins Co., Inc.: *See*—
Nichols, Gordon E. 2,845,732.
Nichols, Gordon E. 2,855,708.
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- Winthrop, Stanley O.: *See*—
Grant, Gordon A., and Winthrop. 2,830,055.
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- Winthrop, Stanley O., to American Home Products Corp. Substituted thiazolidones and their preparation. 2,837,529, 6-3-58, Cl. 260-306.7.
- Wintle, Harry D., Jr.: *See*—
Strom, George E., and Wintle. 2,841,284.
- Wintle, Thomas D. G., to J. A. Crabtree & Co. Ltd. Electric limit switches. 2,841,661, 7-1-58, Cl. 200-16.
- Wintringham, Arthur B.: *See*—
Bergin, James J., and Wintringham. 2,819,281.
- Wintriss, George. Reed and channel sound maker with pointed channel. 2,833,085, 5-6-58, Cl. 46-117.
- Wintriss, George, to Wintriss Inc. Whistle construction for sounding toy. 2,845,747, 8-5-58, Cl. 46-117.
- Wintriss, George. Electrical drop cord switch operated by removable key. 2,846,530, 8-5-58, Cl. 200-42.
- Wintriss, George, to Industrial Hardware Mfg. Co., Inc. Socket for sub-miniature electronic device and manufacture of same. 2,855,579, 10-7-58, Cl. 339-192.
- Wintriss, George, to Industrial Hardware Mfg. Co., Inc. Socket for use with printed circuits. 2,857,582, 10-21-58, Cl. 339-194.
- Wintriss, George. Circuit control apparatus for automatic machines. 2,864,910, 12-16-58, Cl. 200-61.48.
- Wintriss Inc.: *See*—
Ragazzo, Alfred P. 2,836,928.
Ragazzo, Alfred, and Wels. 2,836,930.
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- Wintruder, Warner C., and L. H. Bishop, to Bendix Aviation Corp. Electronic component mounting assembly. 2,836,772, 5-27-58, Cl. 317-101.
- Wintrow, Howard E.: *See*—
Deisenroth, Robert J., and Wintrow. 2,819,725.
- Win-Well Mfg. Co.: *See*—
Mayhew, Myron M. 2,821,998.
Wadleigh, Elbert R. 2,840,109.
- Winz, Karl, to G. M. Pfaff A. G. Stop mechanism for sewing machines. 2,838,019, 6-10-58, Cl. 112-219.
- Winz, Karl, to G. M. Pfaff, A.-G. Mechanism for controlling devices on sewing machines. 2,839,625, 6-17-58, Cl. 200-52.
- Winz, Karl, to G. M. Pfaff, A. G. Plural-purpose controller for electric sewing machines and the like. 2,846,552, 8-5-58, Cl. 201-48.2.
- Winzen, Otto C., to Winzen Research, Inc. Dispensing container. 2,861,718, 11-25-58, Cl. 222-107.
- Winzen, Otto C., and V. H., to Winzen Research, Inc. Balloon having reinforced seal. 2,858,090, 10-28-58, Cl. 244-31.
- Winzen Research, Inc.: *See*—
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Winzen, Otto C. and V. H. 2,858,090.
- Winzen, Vera H.: *See*—
Winzen, Otto C. and V. H. 2,858,090.
- Wiora, Joseph A., to Wiora Products Corp. Battery lifting device. 2,829,917, 4-8-58, Cl. 294-90.
- Wiora Products Corp.: *See*—
Wiora, Joseph A. 2,829,917.
- Wipac Development Ltd.: *See*—
Gayler, George A. 2,828,371.
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- Wiquel, Valentino: *See*—
Meauzé, Francois, and Wiquel. 2,826,236.
- Wire Belt Co. of America: *See*—
Greer, Don S., and Lowe. 2,862,602.
Spencer, Earle P., Jr. 2,826,383.
- Wire Machinery Corp. of America, Inc.: *See*—
Swanson, Victor T. 2,822,993.
- Wiremold Co., The: *See*—
Rejeski, William E. 2,841,183.
- Wire-O Corp.: *See*—
Brook, Arthur F. 2,829,739.
Brook, Arthur F. 2,852,275.
- Wire-Tex Corp.: *See*—
Beckner, Marshall H. 2,850,172.
- Wirsing, Sebastian, to Emed Inc. Hair curl clip. 2,833,292, 5-6-58, Cl. 132-48.
- Wirt, James R., H. C. Kelly, and R. M. Krajewski, to The Dow Chemical Co. Pellicid compositions and method for coating foodstuffs and articles thereby obtained. 2,840,474, 6-24-58, Cl. 99-166.
- Wirt, James R., and H. C. Kelly, to The Dow Chemical Co. Method for coating foodstuffs and article thereby obtained. 2,840,476, 6-24-58, Cl. 99-166.
- Wirt, Harrison L., to General Electric Co. Sectional liner structure for combustor. 2,858,673, 11-4-58, Cl. 60-39.65.
- Wirtanen, Albert W., and A. M. Antenna. 2,856,604, 10-14-58, Cl. 343-806.
- Wirtanen, Axel M.: *See*—
Wirtanen, Albert W., and A. M. 2,856,604.
- Wirtel, Arthur F., and C. M. Blair, Jr., to Petrolite Corp. Corrosion inhibiting composition. 2,828,259, 3-25-58, Cl. 252-8.55.
- Wirth, Henry J., Jr., to Bell Telephone Laboratories, Inc. Scaled magnetic relay. 2,836,676, 5-27-58, Cl. 200-104.
- Wirth, Henry J., Jr., to Bell Telephone Laboratories, Inc. Relay. 2,866,030, 12-23-58, Cl. 200-104.
- Wirth, Herbert, to Henkel & Cie. G. m. b. H. Preparation of peroxy-sulfonates. 2,860,144, 11-11-58, Cl. 260-345.1.
- Wirth, Robert A.: *See*—
Schumann, Henry A. 2,837,815.
- Wirth, Wolfgang: *See*—
Petersen, Siegfried, Tietze, and Wirth. 2,852,525.
- Wirz, A. H., Inc.: *See*—
Dresden, Mark K. 2,849,739.
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- Wischmeyer, Carl R.: *See*—
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- Wischmeyer, Carl R., to Esso Research and Engineering Co. Electronic gate circuit. 2,831,971, 4-22-58, Cl. 250-27.
- Wischmeyer, William F., and J. E. Hoffman, to Sporlan Valve Co. Combined moisture and liquid indicators. 2,844,026, 7-22-58, Cl. 73-73.

- Wiseco, Alvin A., and S. I. Sweatt, to Westinghouse Electric Corp. Filament mounting. 2,848,642, 8-19-58, Cl. 313-279.
- Wisconsin Alumni Research Foundation: See—
Herb, Raymond G. 2,850,225.
Irvine, Donald M., and Price. 2,850,390.
Johnson, William S., and Ireland. 2,842,559.
Johnson, William S., Kemp, and Pappo. 2,847,457.
Ralls, Jack W., W. H. Man, McCaleb, and Wilds. 2,838,569.
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- Wisconsin Tool & Die Co.: See—
Blume, Melvin R., and Halicki. 2,830,686.
Wisdom, Pollard V. Telephone attachment. 2,851,544, 9-5-58, Cl. 179-188.
- Wise, Albert W.: See—
Cowden, Herbert B., and Wise. 2,835,575.
Yutzy, Henry C., and Wise. 2,852,380.
- Wise, Arthur G.: See—
Martin, Edwin R., and Wise. 2,859,395.
- Wise, Bernard: See—
Albright, Robert B., and Wise. 2,838,755.
- Wise, Boyd A., D. E. Cooper, and R. L. Thompson, to Drilling Research, Inc. Well drilling system. 2,858,108, 10-28-58, Cl. 255-4.6.
- Wise, Daniel. Apparatus for joining fabric. 2,840,020, 6-24-58, Cl. 112-152.
- Wise, David S.: See—
Cerveny, Walter J., and Wise. 2,859,409.
- Wise, David S., to the United States of America as represented by the Secretary of the Navy. Sweep circuit oscillator. 2,824,962, 2-25-58, Cl. 250-27.
- Wise, Herman J.: See—
Puerner, George O., and Wise. 2,858,179.
- Wise, Lambert A., to Pittsburgh Plate Glass Co. Color system for matching and compounding colors. 2,866,277, 12-30-58, Cl. 35-28.3.
- Wise Potato Chip Co.: See—
Sech, Charles E., Jr. 2,861,514.
- Wise, Raleigh J., and G. H. Ridings, to The Western Union Telegraph Co. Optical scanning apparatus for facsimile transmitters. 2,843,756, 7-15-58, Cl. 250-210.
- Wise, Raleigh J., and D. M. Zabriskie, to The Western Union Telegraph Co. Self adjusting stylus. 2,850,350, 9-2-58, Cl. 346-139.
- Wise, Robert A.: See—
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Gordon, Walter H., Jr., and Wise. 2,847,548.
- Wise, Robert A., to General Electric Co. Electronic tube testing means. 2,854,623, 9-30-58, Cl. 324-24.
- Wisblood, Nathan: See—
Bernier, Napoleon M., and Wisblood. 2,863,841.
- Wiselka, Albert E. Line-lure fastener. 2,839,803, 6-24-58, Cl. 24-73.
- Wiseman, Roy R., Jr., to The Goodyear Tire & Rubber Co. Automatic brake adjustment. 2,866,526, 12-30-58, Cl. 188-73.
- Wisenberg, Ralph D., to Edmont Mfg. Co. Apparatus for the application of variegated color coating to sheet material. 2,859,730, 11-11-58, Cl. 118-415.
- Wishart, Harold B., to United States Steel Corp. Apparatus for quenching steel railroad wheels. 2,820,466, 1-21-58, Cl. 134-123.
- Wishart, Ronald S., Jr.: See—
Hart, Thomas F., and Wishart. 2,833,673.
- Wishniefsky, Nathan, and M. Olive, to Pharmaceutical Research & Development Co. Refillable-tube pocket toothbrush. 2,845,645, 8-5-58, Cl. 15-136.
- Wisken, Adolf H., to Magna Kleen Inc. Etching methods for controlled cleaning and polishing of the surface of magnesium. 2,849,297, 8-26-58, Cl. 41-42.
- Wisman, Franklin O., to Bendix Aviation Corp. Clutch with leaf spring key. 2,822,906, 2-11-58, Cl. 192-84.
- Wismer, Joseph C. Record package. 2,842,262, 7-8-58, Cl. 206-47.
- Wisner, John A. Combination brush and sponge. 2,845,644, 8-5-58, Cl. 15-114.
- Wisniefsky, John C., and W. A. Martin, to Lyon Inc. Buffing cooling mechanism. 2,826,850, 3-18-58, Cl. 51-266.
- Wissman, Reuben E., to The Minster Machine Co. Inclining attachment for press. 2,837,992, 6-10-58, Cl. 100-231.
- Wissmiller, Ivan L., and L. V. Larsen, to Chicago Bridge & Iron Co. Floating roof tank and cooling means therefor. 2,861,715, 11-25-58, Cl. 220-85.
- Wistrich, Harry A., to Shell Development Co. Contacting liquids by reciprocal dispersion. 2,838,383, 6-10-58, Cl. 23-310.
- Wisswall, Richard H., to United States of America, Atomic Energy Commission. Method of separating fission products from fused bismuth-containing uranium. 2,840,464, 6-24-58, Cl. 75-84.1.
- Wiswell, Grant A. Traffic safety bars. 2,841,059, 7-1-58, Cl. 94-1.5.
- Wiswell, Grant A. Traffic control sign. 2,850,717, 9-2-58, Cl. 340-84.
- Witcher, James T. Hoist. 2,842,271, 7-8-58, Cl. 212-35.
- Witcher, Eugene S., to Eaton Mfg. Co. Reversible pump. 2,829,602, 4-8-58, Cl. 103-126.
- Witeco Chemical Co.: See—
Lux, John H., and Parker. 2,859,179.
- Withall, William E., to W. H. Miner, Inc. Rubber draft gear for draft riggings of locomotives. 2,850,176, 9-2-58, Cl. 213-45.
- Withall, William E., to W. H. Miner, Inc. Draft gears for railway draft riggings. 2,851,149, 9-30-58, Cl. 213-45.
- Withall, William E., to W. H. Miner, Inc. Rubber draft gears for railway draft rigging. 2,855,112, 10-7-58, Cl. 213-45.
- Withers, Lucille C. Ventilated baby carriage and means for closing the ventilator. 2,823,925, 2-18-58, Cl. 280-17.38.
- Witherspoon, Jack, Jr., to Robertshaw-Fulton Controls Co. Proportionate flow control device. 2,844,321, 7-22-58, Cl. 236-12.
- Witkowski, Leon J. Church bell ringers. 2,820,960, 1-21-58, Cl. 340-398.
- Witt, Donald R., to Phillips Petroleum Co. Production of aromatic hydrocarbons. 2,846,490, 8-5-58, Cl. 260-673.
- Witt, Everett E.: See—
Berger, Carl, and Witt. 2,841,616.
Novak, Leo J., and Witt. 2,826,002.
- Witt, Everett E., and L. J. Novak, to The Commonwealth Engineering Co. of Ohio. Soil conditioning and stabilizing with a composition comprising low molecular weight dextran. 2,822,643, 2-11-58, Cl. 47-1.
- Witt, Everett E., and F. W. Holt, Jr., to The Commonwealth Engineering Co. of Ohio. Dextran bone glue adhesives. 2,850,398, 9-2-58, Cl. 106-129.
- Witt, Gustav: See—
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- Witt, Herbert. Method of laminating a thermosetting resin and a ligno-cellulose sheet material to overcome warpage. 2,830,924, 4-15-58, Cl. 154-110.
- Witt, Horst. Method of measuring blood sedimentation rate. 2,848,368, 8-19-58, Cl. 167-84.5.
- Witt, Richard P., to United States of America, Army. Test circuit for interconnected components. 2,866,948, 12-30-58, Cl. 324-62.
- Witt, Richard P., and D. A. Griffin. Plug-in packages. 2,864,977, 12-16-58, Cl. 317-101.
- Witt, Robert H.: See—
Carlson, Ernest C., and Witt. 2,853,314.
Sawyer, Frederick D., and Witt. 2,825,931.
- Witt, Robert M. Deep setter fishing device. 2,848,835, 8-26-58, Cl. 43-42.74.
- Wittcoff, Harold: See—
Lentz, Thomas H., and Wittcoff. 2,818,976.
- Wittcoff, Harold, to General Mills, Inc. Polyamide resin suspensions. 2,824,848, 2-25-58, Cl. 260-29.2.
- Witte, Bernard G., to Newway Engineering Co. Foundry flask. 2,857,640, 10-28-58, Cl. 22-107.
- Witte, Paul, 40% to M. M. Marks. Rotary cam switches. 2,844,670, 7-22-58, Cl. 200-27.
- Witte, Walter W.: See—
Carlson, Robert C., and Witte. 2,866,868.
- Wittebol, Rudolf L.: See—
Six, Willem, Wittebol, and Koolhof. 2,843,669.
- Witte Joseph, deceased; R. Wittek, administrator of said J. Wittek. Automatic roll feed for punch presses. 2,819,072, 1-7-58, Cl. 271-2.4.
- Wittek, Rudolph: See—
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- Wittenberg, Gunter: See—
Webb, William, and Wittenberg. 2,828,594.
- Wittenberg, Roland C.: See—
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De Witt, David, Sandler, and Wittenberg. 2,863,066.
- Wittenberg, Roland C., and H. Sandler, to Reeves Instrument Corp. Voltage magnitude comparison circuit. 2,851,638, 9-9-58, Cl. 315-135.
- Wittenberger, Wallace W.: See—
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- Wittenberger, Wallace W., to The Petersen Oven Co. Positive push-off oven unloader. 2,847,132, 8-12-58, Cl. 214-18.
- Wittomyer, Richard F., to The Austin Co. Parallel rule protractor. 2,835,976, 5-27-58, Cl. 33-76.
- Witler, Lawrie. Guard frame for electric toasters. 2,844,090, 7-22-58, Cl. 99-339.
- Witteveen, Herman A., to North American Phillips Co., Inc. Electric discharge tube. 2,835,842, 5-20-58, Cl. 313-239.
- Wittenstein, Gérard F. Seed-sowing machines. 2,832,508, 4-29-58, Cl. 222-41.
- Wittick, Walter J. Steering attachment for the tiller of an outboard motor. 2,826,088, 3-11-58, Cl. 74-479.
- Wittig, Georg, and P. Raff. Process of producing sodium tetraphenylboron. 2,853,525, 9-23-58, Cl. 260-606.5.
- Wittig, Richard E. Finger ring set with magnetic self-aligning means. 2,844,010, 7-22-58, Cl. 63-15.3.
- Wittke, Alfred E.: See—
Hallek, Andrew E., and Wittke. 2,831,718.
- Wittke, Ernest C., to Combustion Engineering, Inc. Closure means including fluid screen for access passageway into pressurized furnace and the like. 2,823,629, 2-18-58, Cl. 110-179.
- Wittkopf, John J.: See—
Mintz, Martin, Shere, Thompson, and Wittkopf. 2,843,818.
- Wittkopf, Albert E. Motorized milling and grinding head. 2,848,853, 8-26-58, Cl. 51-237.
- Wittlin, Albert. Fluid indicator. 2,843,078, 7-15-58, Cl. 116-117.
- Wittman, William A.: See—
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- Wittmann, Albin E., to the United States of America as represented by the Secretary of the Army. Automatic cable tester. 2,830,264, 4-8-58, Cl. 324-51.

- Wittmann, Georg: *See*—
Johannsen, Adolf, Wittmann, Dietrich, and Gebhard. 2,848,314.
- Wittmoser, Adalbert, to Eisenwerke Gelsenkirchen. Method and apparatus for continuous casting of socket pipes and the like. 2,829,407, 4-8-58, Cl. 22—57.2.
- Wittren, Richard A., to Deere Mfg. Co. Hydraulic valve control. 2,821,211, 1-28-58, Cl. 137—622.5.
- Wittren, Richard A., to Deere Mfg. Co. Power steering for vehicles. 2,833,253, 5-6-58, Cl. 121—41.
- Wittren, Richard A., to Deere Mfg. Co. Hydraulic power steering. 2,836,960, 6-3-58, Cl. 60—52.
- Wittren, Richard A., to Deere & Co. Fluid line coupling for hydraulic control systems. 2,858,848, 11-4-58, Cl. 137—599.1.
- Wittrock, Henry J., to Kaiser Aluminum & Chemical Corp. Treatment of material. 2,830,881, 4-15-58, Cl. 23—230.
- Witts, Thomas E.: *See*—
Morway, Arnold J., Witts, and Young. 2,833,718.
- Wittwer, Walter, to Alpura A. G. Method and apparatus for heat treating liquid foodstuff and beverages. 2,846,320, 8-5-58, Cl. 99—212.
- Witwer, Daniel B.: *See*—
Werner, Jesse, Hessel, and Witwer. 2,853,417.
- Witwer, Wallace J., to The Cobey Corp. Cam body hoist. 2,860,915, 11-18-58, Cl. 298—22.
- Witzel, Anton L., and F. E. Trainor, to Admiral Corp. Gaseous discharge tube detector circuits. 2,824,237, 2-18-58, Cl. 250—83.6.
- Witzel, Ernst, to Baso Inc. Magnetic valve. 2,848,188, 8-19-58, Cl. 251—141.
- Witzel, Homer D., to Deere & Co. Take-up mechanism for elevator conveyor. 2,828,003, 3-25-58, Cl. 198—208.
- Witzel, Homer D., to Deere & Co. Joint. 2,856,216, 10-14-58, Cl. 287—87.
- Witzel, Homer D., to Deere & Co. Power transmission mechanism and control therefor. 2,861,663, 11-25-58, Cl. 192—4.
- Witzel, John M., to General Electric Co. Modified aromatic hydrocarbon-aldehyde resins. 2,825,712, 3-4-58, Cl. 260—43.
- Witzell, Warren E., and S. T. Knott, to United States of America, Navy. Waterproof and pressureproof cable plugs and connections. 2,841,635, 7-1-58, Cl. 174—77.
- Witzky, Julius E. Fuel injection for internal combustion engines. 2,831,468, 4-22-58, Cl. 123—32.
- Witzky, Julius E., to Studebaker-Packard Corp. Internal combustion engine. 2,834,328, 5-13-58, Cl. 123—32.
- Wixson, John B. Motor vehicle undercarriage protective device. 2,834,608, 5-13-58, Cl. 280—150.
- Wlasuk, Steven, to Radio Corp. of America. Television test apparatus. 2,844,646, 7-22-58, Cl. 178—5.4.
- Wockenfuss, William: *See*—
Libman, Earl E., and Wockenfuss. 2,826,915.
- Wockenfuss, William, to Burroughs Corp. Card sensing mechanism. 2,864,558, 12-16-58, Cl. 235—61.11.
- Wockenfuss, William, and W. T. Engel, to Burroughs Corp. Type bar groups in record controlled printing machines. 2,853,940, 9-30-58, Cl. 101—93.
- Woebeke, Herman N., Jr.: *See*—
Gurley, Jesse F., Jr., and Woebeke. 2,857,144.
- Woelflin, William, to Petrolite Corp. Electric treater. 2,855,359, 10-7-58, Cl. 204—302.
- Woelfling, Fred W. Gate control. 2,851,720, 9-16-58, Cl. 16—49.
- Woelk, William L. 50% to E. E. Laird. Plant protector. 2,844,915, 7-29-58, Cl. 47—28.
- Woellner, Horst L., to Western Electric Co., Inc. Reel stand. 2,865,576, 12-23-58, Cl. 242—78.7.
- Woerner, Joseph F.: *See*—
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- Woerner, Joseph F. Inside pipe wrenches. 2,819,636, 1-14-58, Cl. 81—72.
- Woertz, Byron B.: *See*—
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- Woessner, Richard, and A. T. Zurick, to R. Hoe, & Co., Inc. Rotary ductor mechanism. 2,822,753, 2-11-58, Cl. 101—350.
- Woestemeyer, Francis B.: *See*—
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- Wogan, Selmer F. Portable liquid line flushing device. 2,835,261, 5-20-58, Cl. 134—56.
- Wognum, James N.: *See*—
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- Winkler, Alvin L., and Wognum. 2,846,218.
- Wogstad, Carl J. O. Support for four row cornplanter. 2,821,893, 2-4-58, Cl. 97—235.
- Wohlenberr, H., Kommanditgesellschaft: *See*—
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- Wohler, Viktor, to Ciba Ltd. Apparatus for delivering a predetermined quantity of a flowing liquid. 2,822,955, 2-11-58, Cl. 222—20.
- Wohlens, Herbert C.: *See*—
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- Wohlens, Robert J., to the United States of America as represented by the Secretary of the Navy. Two phase source. 2,827,576, 3-18-58, Cl. 307—149.
- Wohlforth, Ralph L.: *See*—
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- Wohlman, Fred, Jr., to Hughes Aircraft Co. Forming apparatus for semiconductor translating device components. 2,842,166, 7-8-58, Cl. 140—71.
- Wohnhas, Adolf: *See*—
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- Wohnsiedler, Henry P., to American Cyanamid Co. Method of preparing triazinyl compositions and products thereof. 2,822,347, 2-4-58, Cl. 260—67.6.
- Wohnsiedler, Henry P., to American Cyanamid Co. Resinous composition. 2,841,571, 7-1-58, Cl. 260—67.6.
- Wohnsiedler, Henry P., and P. Adams, to American Cyanamid Co. Preparation of methylolacrylamide. 2,864,861, 12-16-58, Cl. 260—561.
- Woidka, Frank J., to Saginaw Machine and Tool Co. Grinding apparatus. 2,857,716, 10-28-58, Cl. 51—127.
- Wojcik, Bruno H., to Olin Mathieson Chemical Corp. Alpha beta, beta'-trichlorodiethyl ether. 2,853,528, 9-23-58, Cl. 260—614.
- Wojcik, Bruno H., and R. M. Thomas, to Olin Mathieson Chemical Corp. Process for utilizing mixtures of ethylene and acetylene without separation thereof. 2,822,410, 2-4-58, Cl. 260—679.
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- Wolar, Isidore. Lighting fixture suspension devices. 2,861,121, 11-18-58, Cl. 174—61.
- Wolchik, Leon T.: *See*—
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- Wolcott, Frank E.: *See*—
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- Wolcott, Henry O., to International Telephone and Telegraph Corp. Frequency marker pulse circuits. 2,845,533, 7-29-58, Cl. 250—27.
- Wolcott, Henry O., to International Telephone and Telegraph Corp. Bar graph oscilloscopes. 2,848,648, 8-19-58, Cl. 315—26.
- Wolcott, Samuel K., Jr. Process for conditioning grape and analogous berry or fruit materials prior to extraction of juice therefrom. 2,837,431, 6-3-58, Cl. 99—106.
- Wold, Leontine R.: *See*—
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- Wold, Ole E., deceased, by L. R. Wold, to Zenith Radio Corp. Ultrasonic generator. 2,821,956, 2-4-58, Cl. 116—169.
- Woldenga, Harry. Gearless speed regulator. 2,823,550, 2-18-58, Cl. 74—119.
- Wolding, Egbert, and W. Beveridge, to Rapistan-Keystone, Inc. Extendible endless chain conveyor. 2,864,319, 12-16-58, Cl. 104—91.
- Wolf, Alfred, to Etablissement Alustra. Heating and cooling systems for walls, ceilings and floors. 2,833,524, 5-6-58, Cl. 257—125.
- Wolf, Alfred, to Etablissements Alustra. Structural element for heating or cooling arrangements in buildings. 2,862,692, 12-2-58, Cl. 257—124.
- Wolf, Anton: *See*—
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- Wolf, Calvin N., to Pittsburgh Coke and Chemical Co. Triazine fungicidal compositions and method of applying. 2,824,823, 2-25-58, Cl. 167—33.
- Wolf, Calvin N., to Pittsburgh Coke and Chemical Co. Fungicidal chloronitrobenzoic acid ester composition and method of using same. 2,841,522, 7-1-58, Cl. 167—30.
- Wolf, Cyril, to Allied Chemical Corp. Manufacture of 1,2,2-trichloro-1,1,2-trifluoroethane. 2,850,543, 9-2-58, Cl. 260—633.
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- Wolf, Donald E.: *See*—
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- Wolf, Edward L., to General Dynamics Corp. Decimal counting chain, non-extinguishing. 2,851,637, 9-9-58, Cl. 315—34.5.
- Wolf, Ernest B., to Bigelow-Liptak Corp. Suspension means for refractory tile. 2,840,017, 6-24-58, Cl. 110—99.
- Wolf, Forrest R.: *See*—
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- Wolf, Frank J.: *See*—
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- Wolf, Herman B., to Radiant Products, Inc. Brooder and heating unit therefor. 2,851,992, 9-16-58, Cl. 119—33.
- Wolf, Irving, and E. A. Kuzniar. Bag distending and supporting device. 2,823,503, 2-18-58, Cl. 53—187.
- Wolf, Jacques, & Co.: *See*—
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- Wolf, James E., to R. S. L. Shuttlecocks Co., Ltd. Shuttlecock. 2,853,302, 9-23-58, Cl. 273—106.
- Wolf, Joseph H.: *See*—
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- Wolf, Marland S., to Wood Conversion Co. Composite upholstery material and method of manufacture. 2,837,455, 6-3-58, Cl. 154—54.
- Wolf, Norman A., and J. E. McLarney. Outboard engine analyzer. 2,831,345, 4-22-58, Cl. 73—116.

- Wolff, Orrin E., to General Electric Co. Cooking apparatus. 2,856,502, 10-14-58, Cl. 219-37.
- Wolff, Paul A.: See—
- Scott, Charles R., and Wolff. 2,863,843.
- Wolff, Paul A., to The Dow Chemical Co. Secondary oil recovery by water flooding operations. 2,843,545, 7-15-58, Cl. 252-8.53.
- Wolff, Paul A., and F. J. Bobalek, to The Dow Chemical Co. Film forming aqueous colloidal dispersions containing nitrogenous condensation products and process for preparing same. 2,861,968, 11-25-58, Cl. 260-29.6.
- Wolff, Ralph F., to Columbia-Southern Chemical Corp. Rubber tire tread composition containing carbon black and silica and tire made from same. 2,821,232, 1-28-58, Cl. 152-330.
- Wolff, Ralph F., to Columbia-Southern Chemical Corp. Butyl rubber silica composition and method of preparation. 2,821,516, 1-28-58, Cl. 260-41.5.
- Wolff, Richard H. Swing spout combination faucet. 2,839,081, 6-17-58, Cl. 137-625.41.
- Wolff, Richard H. Flow control valve. 2,839,084, 6-17-58, Cl. 137-636.2.
- Wolff, Stanford J., to Schenley Industries, Inc. Non-drip bottle insert. 2,834,497, 5-13-58, Cl. 215-40.
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- Rösch, Georg, Klappert, and Wolff. 2,836,602.
- Wolfbauer, Eugene A., to Savair Valve & Equipment Co. Pneumatically operated welder head construction. 2,839,665, 6-17-58, Cl. 219-89.
- Wolfe, Benjamin. Multiplex transmission of intelligence. 2,860,178, 11-11-58, Cl. 178-5.8.
- Wolfe, Charles M., to United States of America, Navy. Electrical pressure detecting device. 2,846,656, 8-5-58, Cl. 336-30.
- Wolfe, Dexter L.: See—
- Hoel, Leroy W., and Wolfe. 2,860,073.
- Wolfe, Harry H., to The Buckeye Steel Castings Co. Railway coupler. 2,831,584, 4-22-58, Cl. 213-133.
- Wolfe, Harry H., to The Buckeye Steel Castings Co. Coupler operating mechanism. 2,836,307, 5-27-58, Cl. 213-159.
- Wolfe, Homer L., to L-O-F Glass Fibers Co. Apparatus for untwisting textile strands. 2,846,838, 8-12-58, Cl. 57-1.
- Wolfe, Hugh O., and C. E. Kessler; said Wolfe assor. to said Kessler. Picket fence. 2,825,537, 3-4-58, Cl. 256-22.
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- Garwin, Leo, and Winterbottom. 2,860,038.
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- Wolfe, John K., and N. C. Cook, to General Electric Co. Preparation of fluorocarbons and chlorofluorocarbons. 2,835,711, 5-20-58, Cl. 260-653.
- Wolfe, John M. Rotary dryers. 2,818,657, 1-7-58, Cl. 34-109.
- Wolfe, Lester. Quantity gauge. 2,830,183, 4-8-58, Cl. 250-43.5.
- Wolfe, Merritt W., to The Goodyear Tire & Rubber Co. Tubeless tire valve. 2,830,641, 4-15-58, Cl. 152-427.
- Wolfe, Merritt W., to The Goodyear Tire & Rubber Co. Portable tire repair apparatus. 2,843,877, 7-22-58, Cl. 18-18.
- Wolfe, Robert M.: See—
- Anderson, John R., and Wolfe. 2,839,739.
- Wolfe, Robert M., to Bell Telephone Laboratories, Inc. Electrical circuits employing ferroelectric capacitors. 2,839,738, 6-17-58, Cl. 340-173.
- Wolfe, Robert M., to Bell Telephone Laboratories, Inc. Counting circuits employing ferroelectric capacitors. 2,854,590, 9-30-58, Cl. 307-88.5.
- Wolfe, Stephen L., and H. L. Wallis. Gun carrier. 2,856,111, 10-14-58, Cl. 224-5.
- Wolfe, Walter W.: See—
- Lutz, Mac W., Wolfe, and Johnson. 2,844,006.
- Wolfdendale, Eric, to North American Philips Co., Inc. Transistor oscillator circuit arrangement. 2,820,145, 1-14-58, Cl. 250-36.
- Wolfdendale, Eric, to North American Philips Co., Inc. Transistor counter circuit. 2,838,664, 6-10-58, Cl. 250-27.
- Wolfdendale, Eric, to North American Philips Co., Inc. Electric oscillator circuit. 2,846,579, 8-5-58, Cl. 250-36.
- Wolfenden, Charles R., and N. E. Power shift device for machinery. 2,827,804, 3-25-58, Cl. 74-722.
- Wolfenden, Norman E.: See—
- Wolfenden, Charles R., and N. E. 2,827,804.
- Wolfert, Herbert. Indatable life preserver. 2,857,078, 10-21-58, Cl. 222-5.
- Wolferz, Alfred H., to Daystrom Inc. Electrodynamometer instrument. 2,837,716, 6-3-58, Cl. 324-144.
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- Wolff, Saul K. 2,838,197.
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- Wolff, Fred G.: See—
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- Wolff, George J., to Bell Telephone Laboratories, Inc. Bearing for device for transmitting rotary motion into a sealed chamber. 2,860,933, 11-18-58, Cl. 308-238.
- Wolff, Guenter A., to United States of America, Army. Method of purifying silicon tetrachloride. 2,857,249, 10-21-58, Cl. 23-205.
- Wolff, Hanns H., to Leetronics, Inc. Relays and solenoids. 2,846,623, 8-5-58, Cl. 317-180.
- Wolff, Irving, to Radio Corp. of America. Pulse echo radio locator system. 2,837,735, 6-3-58, Cl. 343-11.
- Wolff, Ivan. Automobile parking apparatus. 2,837,223, 6-3-58, Cl. 214-16.1.
- Wolff, Nikolaus E., to E. I. du Pont de Nemours and Co. Flourine containing co-telomers. 2,856,440, 10-14-58, Cl. 260-653.
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- Leisegang, Siegfried, and Wolff. 2,859,363.
- Wolff, Otto E., to Polaroid Corp. Photographic product. 2,830,901, 4-15-58, Cl. 96-76.
- Wolff, Samuel S., to American Safety Table Co., Inc. Stand for power sewing machine table. 2,842,414, 7-8-58, Cl. 311-39.
- Wolff, Saul K., to Wolff Appliance Corp. Knock-down receptacles. 2,838,197, 6-10-58, Cl. 220-4.
- Wolff, William F., and P. Hill, to Standard Oil Co. Gas adsorption with an alkali metal-activated adsorbent. 2,835,343, 5-20-58, Cl. 183-114.2.
- Wolff, William J.: See—
- Fasulo, Frank S., and Wolff. 2,826,013.
- Wolffington, Jeffery B., to Hewlett-Packard Co. Electronic counter. 2,852,194, 9-13-58, Cl. 235-92.
- Wolffe, Georg R., to M. S. O. Maschinen- und Schleifmittelwerke Akt. Attachment for drilling machines. 2,865,151, 12-23-58, Cl. 51-245.
- Wolford, Wallace W.: See—
- Noble, Burton A., and Wolford. 2,857,038.
- Wolfram, George: See—
- Chapman, Paul R., Manteuffel, and Wolfram. 2,820,013.
- Wolfram, William S., to General Motors Corp. Exhaust manifold. 2,852,910, 9-23-58, Cl. 60-29.
- Wolfram, William S., to General Motors Corp. Adjustable grip pulley. 2,852,952, 9-23-58, Cl. 74-230.24.
- Wolfram, Melville L., to The Ohio State University Research Foundation. Sulfated aminopolysaccharides. 2,832,766, 4-29-58, Cl. 260-211.
- Wolfskill, Edna M., L. X. Gallas, and W. C. Dickinson. Dust collecting receptacle for vacuum cleaner. 2,847,084, 8-12-58, Cl. 183-51.
- Wolfslau, Joseph G.: See—
- Dube, John E., Wolfslau, and Houghton. 2,833,507.
- Wolfslau, Joseph G., and J. E. Dube, to Alco Valve Co. Balanced pressure solenoid valve. 2,826,215, 3-11-58, Cl. 137-454.6.
- Wolfsion, Jerome A. Antibiotic sensitivity disc dispenser. 2,865,156, 12-23-58, Cl. 53-237.
- Wolgaest, Carl L., to The Rudolph Wurlitzer Co. Gate circuit for electric organ. 2,846,914, 8-12-58, Cl. 84-104.
- Woln, Louis, and A. M. Carter, Jr. Dynamic engine simulator. 2,829,826, 4-8-58, Cl. 235-61.
- Wolinsky, Albert, to General Precision Laboratory Inc. Aircraft vertical velocity and drift angle measuring system. 2,865,020, 12-16-58, Cl. 343-9.
- Wolke, Raymond W.: See—
- Robbins, Frederick O., Sweeder, Dunbar, and Wolke. 2,849,813.
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- Chase, John A., Pilas, Wolke, and Battstone. 2,842,832.
- Pilas, Frank J., Wolke, and Chase. 2,831,239.
- Wolke, Roy K., and F. J. Pilas, to Radio Corp. of America. Electron tube mount. 2,836,746, 5-27-58, Cl. 313-6.
- Wolkstein, Herbert J., to National Union Electric Corp. Variable transconductance amplifier, modulator tube. 2,834,910, 5-13-58, Cl. 315-12.
- Woll, Harry J., to Radio Corp. of America. Electronic counter systems. 2,820,153, 1-14-58, Cl. 307-88.5.
- Woll, Harry J., to Radio Corp. of America. Analogue multiplication device. 2,848,161, 8-19-58, Cl. 235-61.
- Woll, Harry J., to Radio Corp. of America. Color-correction system. 2,848,528, 8-19-58, Cl. 178-5.4.
- Woll, Harry J., to Radio Corp. of America. Regulated power supply. 2,850,680, 9-2-58, Cl. 315-205.
- Wollensak Optical Co.: See—
- Czarnikow, George K. 2,863,358.
- Ranft, Ludwig G., and Herden. 2,821,106.
- Wollentin, Robert W., to Westinghouse Electric Corp. Lead- and manganese-activated cadmium fluorophosphate phosphor. 2,865,863, 12-23-58, Cl. 252-301.6.
- Wollner, Herbert J., to American Conditioning House, Inc. Core Sampling. 2,834,212, 5-13-58, Cl. 73-423.
- Wollner, Paul, and R. H. Walter, Jr., to Aeroil Products Co., Inc. Cleaning machines with dual outlets. 2,851,053, 9-9-58, Cl. 137-335.
- Wollthan, Heinz, to Farbenfabriken Bayer Aktiengesellschaft. Process for the decomposition of phosgene. 2,832,670, 4-29-58, Cl. 23-154.
- Wolnak, Bernard, and R. E. Zinn, to Sewerage Commission of the City of Milwaukee. Process for producing a vitamin B₁₂ active product from sewage sludge. 2,833,692, 5-6-58, Cl. 167-81.
- Wolotkin, Aaron: See—
- Cirrigione, Joseph L., Intravak, Kalb, Strobe, and Wolotkin. 2,836,060.

- Wolsky, Sumner P., to Raytheon Mfg. Co. Method for making a semiconductor junction. 2,859,141, 11-4-58, Cl. 148-1.5.
- Woltemar, George W., to The B. F. Goodrich Co. Segmented track. 2,845,308, 7-29-58, Cl. 305-10.
- Wolter, Frederick J., and H. C. Diehl, Jr., to the United States of America as represented by the United States Atomic Energy Commission. Plutonium compounds and process for their preparation. 2,819,280, 1-7-58, Cl. 260-429.1.
- Wolter, Harry A., to Diamond Gardner Corp. Article counting and assembling. 2,860,465, 11-18-58, Cl. 53-197.
- Wolters, Carl F., to Sperry Rand Corp. Dual locking mechanism for safe files. 2,829,021, 4-1-58, Cl. 312-218.
- Wolters, Carl F., to Sperry Rand Corp. Divider plates for trays. 2,843,131, 7-15-58, Cl. 129-16.
- Wolters, Peter: *See*—
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- Wolters, Robert G. Curb finder. 2,847,527, 8-12-58, Cl. 200-61.44.
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- Wolverson, Thomas H.: *See*—
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- Wolverton, Charles H. Gun sights. 2,836,896, 6-3-58, Cl. 33-52.
- Womack, Leonard C. Visual impact indicator. 2,831,183, 4-15-58, Cl. 340-262.
- Womack, Ragan M., H. F. Swaney, and O. E. Gibson, to United States Gypsum Co. Bundle clipping machine. 2,862,289, 12-2-58, Cl. 29-208.
- Wonder Products Co.: *See*—
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- Wondriska, George J., to Magne-Cast Tool Co., Inc. Magnetic welding ground clamp. 2,828,472, 3-25-58, Cl. 339-12.
- Wong, Francis F.: *See*—
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- Wong, Herbert K., to Cepco, Inc. Structural connector. 2,840,200, 6-24-58, Cl. 189-35.
- Wonnacott, Norman: *See*—
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- Wonsidler, Llewellyn. Packaging machine. 2,845,763, 8-5-58, Cl. 53-157.
- Wooce, Walter R. J. Juicer. 2,864,419, 12-16-58, Cl. 146-76.
- Wood, Alan, Steel Co.: *See*—
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- Wood, Albert, to Engineering Development Co., Inc. Position indicator. 2,839,921, 6-24-58, Cl. 73-178.
- Wood, Arthur E. Can punch. 2,834,103, 5-13-58, Cl. 30-6.1.
- Wood, Arthur N. and G. A. Bicycle kickstand shoe. 2,835,508, 5-20-58, Cl. 280-301.
- Wood Associates, Inc.: *See*—
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- Wood, Barrie: *See*—
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- Wood Brothers Mfg. Co.: *See*—
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- Wood, Charles W., to Standard-Thomson Corp. Thermal valve with safety lock. 2,842,317, 7-8-58, Cl. 236-34.
- Wood, Claude O.: *See*—
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- Wood Conversion Co.: *See*—
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- Wood, Donald W., D. S. Maisel, and J. C. Hunt, to Esso Research and Engineering Co. Catalytic dehydrogenation in transfer line reactor. 2,820,072, 1-14-58, Cl. 260-680.
- Wood, Doris G. Bead stilt. 2,854,727, 10-7-58, Cl. 25-153.
- Wood, Edson L., to the United States of America as represented by the Secretary of the Army. Apparatus for the precision casting of soft metal molds. 2,821,757, 2-4-58, Cl. 22-69.
- Wood, Edward L., to Gar Wood Industries, Inc. Wheel trim and method of manufacturing the same. 2,835,535, 5-20-58, Cl. 301-37.
- Wood, Edward L., to Gar Wood Industries, Inc. Tire trim-wheel trim construction. 2,862,769, 12-2-58, Cl. 301-37.
- Wood, Edwin E., and W. A. Hafferty. Flexible face masks. 2,855,924, 10-14-58, Cl. 128-146.
- Wood, Eugene W.: *See*—
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- Wood, Fredric E.: *See*—
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- Wood, Fredric E., to General Telephone Laboratories, Inc. Damping plate. 2,852,088, 9-16-58, Cl. 181-31.
- Wood, Fredric E., to General Telephone Laboratories, Inc. Combined dial and transmission network mounting bracket. 2,862,063, 11-25-58, Cl. 179-100.
- Wood, Gar, Industries: *See*—
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- Wood, George. Hydraulic lash adjusters. 2,818,844, 1-7-58, Cl. 123-90.
- Wood, George A., Jr., and D. P. Rohrer, to Arthur D. Little, Inc. Variable pitch lead screw mechanism. 2,819,621, 1-14-58, Cl. 74-99.
- Wood, George C.: *See*—
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- Wood, Harry F.: *See*—
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- Wood, Herbert H., to Thomas Walker Ltd. Fastening devices for the waistbands of trousers. 2,821,002, 1-28-58, Cl. 24-227.
- Wood, Herman A., to General Motors Corp. Filter element sealing construction. 2,822,201, 2-4-58, Cl. 288-1.
- Wood, Homer J., to The Garrett Corp. Gas turbine fuel control system responsive to speed and compressor load. 2,832,193, 4-29-58, Cl. 60-39.07.
- Wood, Homer J., to The Garrett Corp. Gas turbine compressor and power take-off drive. 2,850,876, 9-9-58, Cl. 60-39.75.
- Wood, James Q.: *See*—
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- Wood, James Q., to Phillips Petroleum Co. Process and apparatus for densifying and pelleting carbon black. 2,843,874, 7-22-58, Cl. 18-1.
- Wood, James Q. and L. W. Pollock, to Phillips Petroleum Co. Method and apparatus for transporting heavy viscous fluids. 2,832,363, 4-29-58, Cl. 137-1.
- Wood, John A.: *See*—
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- Wood, John A., and E. P. Chapman, Jr., to V. F. Taylor, Jr. Oil well cement composition. 2,846,327, 8-5-58, Cl. 106-97.
- Wood, John C., and R. S. Hatcher, Jr., to Maywood, Inc. Foldable panel assembly. 2,860,701, 11-18-58, Cl. 160-199.
- Wood, John, Co.: *See*—
Allen, Robert R. 2,843,051.
- Wood, John F., to Electro-Voice, Inc. Variable gap magnetic tape head. 2,822,428, 2-4-58, Cl. 179-100.2.
- Wood, John F., to Electro-Voice, Inc. Electromechanical transducer. 2,851,541, 9-9-58, Cl. 179-100.41.
- Wood, John F., to Electro-Voice, Inc. Phonograph cartridge. 2,852,619, 9-16-58, Cl. 179-100.41.
- Wood, John F., to Electro-Voice, Inc. Sensitive strain responsive transducer and method of construction. 2,864,013, 12-9-58, Cl. 310-8.3.
- Wood, John, Jr., and P. J. Barnico, to United States of America, Navy. Lubrication method. 2,849,262, 8-26-58, Cl. 308-187.
- Wood, Joseph D., to I-T-E Circuit Breaker Co. Closed magnetic core blowout with series coils. 2,831,946, 4-22-58, Cl. 200-147.
- Wood, Joseph E. Cover for a footplate. 2,840,845, 7-1-58, Cl. 15-265.
- Wood, Kathryn H.: *See*—
Young, Richard W., and Wood. 2,820,795.
- Wood, Keith S., L. W., and M. E., to Wood Brothers Mfg. Co. Apparatus for cutting and shredding materials. 2,836,021, 5-27-58, Cl. 55-62.
- Wood, Kenneth T.: *See*—
Schlotzhauser, Leon R., and Wood. 2,842,447.
- Wood, Kermit P. Unitary basket strainer and stopper. 2,829,380, 4-8-58, Cl. 4-287.
- Wood, Leonard: *See*—
Jones, Evan I., and Wood. 2,851,434.
- Wood, Leonard W.: *See*—
Wood, Keith S., L. W., and M. E. 2,836,021.
- Wood, Leroy T.: *See*—
Berlinsky, Anthony A., Wilkinson, Kee, and Wood. 2,854,117.
- Wood, Louis S. Hydraulic lift return control means. 2,823,648, 2-18-58, Cl. 121-46.
- Wood, Louis S., to The Perfection Steel Body Co. Hydraulic tail gate mechanism with pressure retention means. 2,826,316, 3-11-58, Cl. 214-77.
- Wood, Louis S., and L. F. Hansen, to The Perfection Steel Body Co. Telescopic cylinder assembly. 2,854,958, 10-7-58, Cl. 121-46.
- Wood, Louvan E., to Bendix Aviation Corp. Pressure-responsive device and mounting means therefor. 2,838,071, 6-10-58, Cl. 137-78.4.
- Wood, Louvan E., to Bendix Aviation Corp. Pressure-responsive switch. 2,839,630, 6-17-58, Cl. 200-83.
- Wood, Mervel E.: *See*—
Wood, Keith S., L. W., and M. E. 2,836,021.

- Wood, Mervel E., to Wood Brothers Mfg. Co. Rotary disc type mower attachment for tractors. 2,862,343, 12-2-58, Cl. 56-25.4.
- Wood, Rex C.: *See*—
Foskett, Laurence W., Foster, Thickstun, and Wood. 2,834,246.
- Wood, Richard D., Jr., and C. T. Gould, to Millville Mfg. Co. Method and apparatus for forming a textile material with an adhesive type selvage. 2,852,407, 9-16-58, Cl. 117-4.
- Wood, Russell A., to I-T-E Circuit Breaker Co. Load break cut-out. 2,843,704, 7-15-58, Cl. 200-114.
- Wood, Russell A., to I-T-E Circuit Breaker Co. Expendable disc cutout. 2,846,544, 8-5-58, Cl. 200-127.
- Wood, Straud K. Parking timing meter. 2,826,250, 3-11-58, Cl. 161-15.
- Wood, Theodore B.: *See*—
Jacobsen, Lance R., and Wood. 2,821,654.
- Wood, Walter H. Freeze-proof drinking fountain. 2,819,926, 1-14-58, Cl. 299-13.
- Wood, Walter J. Uniform insignia gauge. 2,853,791, 9-30-58, Cl. 33-180.
- Wood, William H., and D. N. Adams, to Harris-Intertype Corp. Lithographic printing. 2,830,536, 4-15-58, Cl. 101-149.2.
- Wood, William S., to The Boardman Co. Apparatus for harvesting castor beans. 2,834,172, 5-13-58, Cl. 56-19.
- Woodall, Elizabeth R.: *See*—
Woodall, Harry M. and E. R. 2,861,140.
- Woodall, Harry M. and E. R. Galvanometer. 2,861,140, 11-18-58, Cl. 200-56.
- Woodall Industries, Inc.: *See*—
Greig, James W. 2,859,795.
- Stahl, Lloyd E. 2,823,951.
- Woodall, Jesse J., to L. G. Gildersleeve, d. b. a. Gildersleeve Mfg. Co. Springless pogo stick. 2,865,633, 12-23-58, Cl. 272-57.
- Woodard, Joseph H., to Lee L. Woodard Sons. Method of making contoured dished articles. 2,845,699, 8-5-58, Cl. 29-419.
- Woodard, Lee L., Sons: *See*—
Woodard, Joseph H. 2,845,699.
- Woodberry, Paul T., to Ohio Plate Glass Co. Protective mirror coating. 2,856,818, 10-21-58, Cl. 88-105.
- Woodbridge, Joseph E., and V. J. Keenan, to The Atlantic Refining Co. Synthetic non-ionic detergents from 2,2-bis (4-hydroxy-phenyl) propane. 2,859,250, 11-4-58, Cl. 260-613.
- Woodbury, Eric J.: *See*—
McKenna, Quentin C., Johnson, and Woodbury. 2,853,601.
- Woodbury, George. Dual passage muffler. 2,827,124, 3-18-58, Cl. 181-46.
- Woodcock, Charles A., and K. O. Straney, to General Electric Co. Multivibrator. 2,842,666, 7-8-58, Cl. 250-36.
- Woodcock, Edward C., to Williamson Mfg. Co. Ltd. Electrical impulse devices. 2,825,823, 3-4-58, Cl. 307-132.
- Woodcock, Edward C., to Williamson Mfg. Co. Ltd. Web processing apparatus. 2,853,294, 9-23-58, Cl. 271-2.2.
- Woodcock, John, 50% to Neal Peebles. Bait dispenser. 2,857,705, 10-28-58, Cl. 43-55.
- Woodcock, Raymond, J. H. W. Taylor, and J. C. Gladman, to Metropolitan-Vickers Electrical Co. Ltd. Driving apparatus for recording tapes. 2,851,676, 9-9-58, Cl. 340-174.
- Woodel, Leonard F. Seam reefing tool. 2,827,697, 3-25-58, Cl. 30-293.
- Woodel, Leonard F. Ferrule for extrusion nozzles. 2,836,333, 5-27-58, Cl. 222-575.
- Woodell, Albert F., to Rotex Mfg. Co. Dado cutters. 2,845,102, 7-29-58, Cl. 144-235.
- Woodell, Rudolph, to E. I. du Pont de Nemours and Co. Regenerated cellulose filaments and products therefrom. 2,834,093, 5-13-58, Cl. 28-78.
- Woodford Hydrant Co.: *See*—
Noland, Wayne B. 2,829,390.
- Woodgate, Ralph W.: *See*—
Schutz, Nicolas P., and Woodgate. 2,853,824.
- Woodhall, Harold G., to Ewarts Ltd. Taps. 2,838,069, 6-10-58, Cl. 137-625.41.
- Woodhead, Daniel, Co.: *See*—
Woodhead, Daniel, Jr. 2,838,655.
- Woodhead, Daniel, Jr., to Daniel Woodhead Co. Swivel hook for lamp guards. 2,838,655, 6-10-58, Cl. 240-54.
- Woodhead, Robert C., to The McNally Pittsburgh Mfg. Corp. Method and apparatus for cleaning corn and other cereal grains. 2,819,797, 1-14-58, Cl. 209-455.
- Wooding, Edwin R.: *See*—
McGayhey, Robert E., and Wooding. 2,858,888.
- Wooding, Edwin R., to International Business Machines Corp. Variable multi-line printer. 2,850,967, 9-9-58, Cl. 101-93.
- Wooding, William M., to American Cyanamid Co. Regenerated cellulose film carrying anti-blocking composition. 2,834,688, 5-13-58, Cl. 106-168.
- Wooding, William M., Y. Jen, and E. H. Sheers, to American Cyanamid Co. Cellulose film containing modified melamine-formaldehyde resin as anchor medium. 2,856,314, 10-14-58, Cl. 117-71.
- Woodland, Edward F. Lint trap for clothes dryers. 2,865,620, 12-23-58, Cl. 261-121.
- Woodie, Robert A., R. H. Howell, and W. B. Chandler, to The Texas Co. Producing an alcohol-base antifreeze containing an alkaline earth metal borate as an inhibitor. 2,834,735, 5-13-58, Cl. 252-74.
- Woodley, Harold J., to Shell Development Co. Apparatus for measuring or controlling a physical quantity. 2,835,264, 5-20-58, Cl. 137-81.
- Woodling, George V., to G. T. Lyon. Gland type fluid seal connection for conduits. 2,826,438, 3-11-58, Cl. 285-342.
- Woodman, Charles K., to United Shoe Machinery Corp. Shoe testing devices. 2,841,878, 7-8-58, Cl. 33-180.
- Woodman, Charles K., and J. W. Darrin, to United Shoe Machinery Corp. Shoe testing devices. 2,835,043, 5-20-58, Cl. 33-180.
- Woodmont Products, Inc.: *See*—
Berlinghof, William L., Jr. 2,851,380.
- Woodruff, Alvin. Saw sash guide mechanism for sawmills. 2,842,172, 7-8-58, Cl. 143-82.
- Woodruff, Clarence A., Sr. Anchor for use in earth and the like. 2,851,135, 9-9-58, Cl. 189-92.
- Woodruff, Douglas. Isomerization of polychlorobenzenes. 2,866,829, 12-30-58, Cl. 260-650.
- Woodruff, Frederick E. Method and means for the preventative vaccination of chickens. 2,847,993, 8-19-58, Cl. 128-191.
- Woodruff, George M.: *See*—
Jacobs, Foster, and Woodruff. 2,833,404.
- Woodruff, George M., to General Foods Corp. Popcorn flavoring apparatus. 2,843,080, 7-15-58, Cl. 118-16.
- Woodruff, Howard C., to General Electric Co. Water-soluble polyesters curable to insoluble polymers. 2,815,402, 7-29-58, Cl. 260-75.
- Woodruff, Maurice D.: *See*—
Eberhardt, Lee E., and Woodruff. 2,864,562.
- Woodruff, Maurice D., to The Bauer Bros. Co. Grate magnet. 2,822,089, 2-4-58, Cl. 209-223.
- Woodruff, Oscar G. Vacuum cleaner brush unit. 2,845,651, 8-5-58, Cl. 15-400.
- Woodruff, Paul E., to W. S. Roboschi. Fluid flow indicator. 2,847,969, 8-19-58, Cl. 116-117.
- Woodruff, Ralph S., Sr. Boat awning support. 2,830,835, 4-15-58, Cl. 287-115.
- Woodruff, Ralph S., Sr. Sun visor ventilating convertible boat top. 2,833,296, 5-6-58, Cl. 135-6.
- Woodruff, Richard L., and R. M. Ellsworth, to Shell Development Co. Asphalt compositions. 2,848,429, 8-19-58, Cl. 260-4.
- Woodruff, William N.: *See*—
Ballman, Robert J., and Woodruff. 2,839,174.
- Woods, Charles R. Power plant and connector for deep well pumps. 2,818,814, 1-7-58, Cl. 103-87.
- Woods, Doris M.: *See*—
Woods, George B. 2,818,849.
- Woods, George: *See*—
Mitchell, John, Orchard, Twitchett, and Woods. 2,846,306.
- Woods, George B., deceased; D. M. Woods, executrix, assor. of $\frac{1}{4}$ to E. F. Connors, Jr. Spear gun. 2,818,849, 1-7-58, Cl. 124-22.
- Woods, Gilbert F.: *See*—
Viola, Alfred, Fleischacker, Woods, and Bolgiano. 2,836,629.
- Viola, Alfred, Fleischacker, Woods, and Bolgiano. 2,836,630.
- Viola, Alfred, Woods, and Bolgiano. 2,836,631.
- Woods, Harold A.: *See*—
Armstrong, Jack W., and Woods. 2,848,417.
- Armstrong, Jack W., Woods, and Francis. 2,837,170.
- Woods, Harold A., and H. M. Trowbridge, to Shell Development Co. Lubricating grease composition. 2,820,008, 1-14-58, Cl. 252-33.3.
- Woods, John A., to Libbey-Owens-Ford Glass Co. Method of producing multiple sheet glazing units. 2,861,398, 11-25-58, Cl. 49-82.
- Woods, John E., to Standard-Thomson Corp. Temperature sensing means. 2,853,879, 9-30-58, Cl. 73-343.
- Woods, John E., and R. G. Giles, to Standard-Thomson Corp. Control device. 2,839,926, 6-24-58, Cl. 73-368.4.
- Woods, John G., to International Resistance Co. Rectifier construction. 2,853,662, 9-23-58, Cl. 317-234.
- Woods, John W., P. G. Gribble, and J. A. Ward, to Sierra Metal Products, Inc. Machine for forming metal products. 2,864,329, 12-16-58, Cl. 113-52.
- Woods, Leroy R., to International Electronic Research Corp. Vibration table. 2,862,385, 12-2-58, Cl. 73-71.6.
- Woods, Leroy R., to North American Aviation, Inc. Step motor. 2,866,345, 12-30-58, Cl. 74-111.
- Woods, Leroy R., and J. E. Roberts, to International Electronic Research Corp. 2,859,383, 11-4-58, Cl. 315-85.
- Woods, Marion C., and B. R. Steigman, to Baxter Laboratories, Inc. Stable hematoporphyrin. 2,858,320, 10-28-58, Cl. 260-314.
- Woods, Robert E., to The Texas Co. Explosive container holder and explosive assembly employing same. 2,837,997, 6-10-58, Cl. 102-24.
- Woods, Robert G. Ratcheting torque-limiting wrench. 2,826,107, 3-11-58, Cl. 81-52.4.
- Woods, S. A., Machine Co.: *See*—
Carlson, Lewis B. 2,859,780.
- Woods, Warren W.: *See*—
Harwood, William H., and Woods. 2,843,549.
- Kirk, James C., and Woods. 2,826,619.
- Shock, D'Arcy A., and Woods. 2,853,452.
- Woods, William E., to United States of America, Navy. Null detector. 2,839,682, 6-17-58, Cl. 250-27.

- Woods, William E., R. E. Wilson, and J. H. Sweer, to United States of America, Navy. Electronic computer networks. 2,832,536, 4-29-58, Cl. 235-61.
- Woodside, Frank G.: *See—*
McGuire, George E., Uren, and Woodside. 2,866,660.
- Woodson, James W. Direction correcting pelorus. 2,856,689, 10-21-58, Cl. 33-72.
- Woodson, Thomas T., to General Electric Co. Waste disposal apparatus. 2,819,848, 1-14-58, Cl. 241-46.
- Woodson, Thomas T., to General Electric Co. Sink connection for waste disposal apparatus. 2,819,915, 1-14-58, Cl. 245-159.
- Woodson, Thomas T., to General Electric Co. Waste disposal apparatus. 2,829,841, 4-8-58, Cl. 241-100.5.
- Woodson, Wesley E., Jr. Pencil attachment for electronic data pick-off joy stick. 2,847,873, 8-19-58, Cl. 74-491.
- Woodson, Wesley E., Jr., to United States of America, Navy. Universal communications operator's chair. 2,858,876, 11-4-58, Cl. 155-2.
- Woodward, Alva W., to The Goodyear Tire & Rubber Co. Method of foaming an integral rim. 2,825,961, 3-11-58, Cl. 29-159.1.
- Woodward, Alva W., to The Goodyear Tire & Rubber Co. Method of forming rim ribs by relative axial and rotative movement of bending dies. 2,826,234, 3-11-58, Cl. 153-3.
- Woodward, Alva W., to The Goodyear Tire & Rubber Co. Rim structure. 2,835,303, 5-20-58, Cl. 152-410.
- Woodward, Bernard, Jr., to F. B. Pease Co. Potato slicing machine. 2,832,387, 4-29-58, Cl. 146-78.
- Woodward, Bernard, Jr., and W. E. Thomson, to F. B. Pease Co. Potato slicing machine. 2,859,784, 11-11-58, Cl. 146-78.
- Woodward, Clement A., to United-Carr Fastener Corp. Glass run for automobile windows. 2,840,416, 6-24-58, Cl. 296-44.5.
- Woodward, Clement A., to United-Carr Fastener Corp. Method of making a switch mechanism. 2,847,754, 8-19-58, Cl. 29-411.
- Woodward, David W.: *See—*
Taylor, James H., and Woodward. 2,828,204.
- Woodward, George P.: *See—*
Luce, Clayton S., and Woodward. 2,827,004.
- Woodward Governor Co.: *See—*
Whitehead, Willard J. 2,824,549.
- Woodward, Henry F., Jr., to Spencer Chemical Co. Isopropyl-3-chloro-6-methyl phenyl carbamate and herbicidal compositions and methods employing the same. 2,857,260, 10-21-58, Cl. 71-2.6.
- Woodward, James S., to Pratt & Whitney Co., Inc. Temperature indicating and responsive control apparatus having thermal lag compensation. 2,830,437, 4-15-58, Cl. 60-39.228.
- Woodward, Lester J. Gage holder and scale means-attachment holder and new rules. 2,821,022, 1-28-58, Cl. 33-162.
- Woodward, Myrtneth L.: *See—*
Miller, Charles W., Onksen, and Woodward. 2,854,604.
- Woodward, Nelson E. Bow straightening apparatus. 2,846,751, 8-12-58, Cl. 26-63.
- Woodward, Raymond W., and R. W. Yerks, to Underwood Corp. Printing input and output device for a computer. 2,856,130, 10-14-58, Cl. 235-145.
- Woodward, Robert B.: *See—*
Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,274.
Land, Edwin H., Blout, Cohen, Green, Tracy, and Woodward. 2,857,275.
- Woodward, Ronald C. Collapsible seat. 2,851,085, 9-9-58, Cl. 155-78.
- Woodward & Tiernan Printing Co.: *See—*
Torluemke, Paul W. 2,828,068.
- Woodward, Tracey. Protective holder for disc recordings. 2,850,158, 9-2-58, Cl. 206-62.
- Woodward, William M., to Mid-West Abrasive Co. Metal working machine. 2,845,751, 8-5-58, Cl. 51-32.
- Woodward, William R., to United States of America, Navy. Moving target indication systems. 2,840,808, 6-24-58, Cl. 343-7.7.
- Woodworth, Frederick R., and E. H. Hults, to Smith-Meeker Engineering Co. Public address system for subway trains. Re. 2,467, 4-29-58, Cl. 179-1.
- Woodworth, Harmon H., Jr., to The Frank G. Hough Co. Carburetor heat exchanger. 2,864,355, 12-16-58, Cl. 123-122.
- Woodworth, Mark E., to General Electric Co. Slide-in stylus assemblies. 2,820,854, 1-21-58, Cl. 179-100.41.
- Woodworth, N. A. Co.: *See—*
Hohwart, George and E. F. 2,821,400.
Hohwart, George and E. F. 2,852,263.
- Woodworth, Ruth T. Braser cleaner and shaper. 2,852,897, 9-23-58, Cl. 51-214.
- Woodworth, William H., to United States of America, Navy. Silicon diode error detector. 2,864,053, 12-9-58, Cl. 323-69.
- Woody, Fred C., to National Malleable and Steel Castings Co. Grate bar for sintering machine. 2,835,485, 5-20-58, Cl. 266-21.
- Woofter, Robert C., to General Motors Corp. Lamp socket with printed circuit mounting. 2,825,038, 2-25-58, Cl. 339-17.
- Wooth, Thomas S., to Dorr-Oliver Inc. Sway limiting device on a sedimentation unit. 2,861,693, 11-25-58, Cl. 210-531.
- Wool, Marvin S.: *See—*
Gollub, Frank, Wool, and Berberich. 2,842,459.
- Wooldridge, James A.: *See—*
Winter, Ernest F., and Wooldridge. 2,842,152.
- Wooldridge, William A.: *See—*
Johnston, Donald L., and Wooldridge. 2,859,269.
Johnston, Donald L., and Wooldridge. 2,859,271.
- Woolf, Cyril: *See—*
Gordon, Joseph, and Woolf. 2,861,984.
Miller, Charles B., and Woolf. 2,827,485.
Miller, Charles B., and Woolf. 2,827,486.
Miller, Charles B., and Woolf. 2,853,524.
Tyczkowski, Edward A., and Woolf. 2,831,035.
- Woolf, Cyril, to Allied Chemical Corp. Manufacture of fluorinated organic compounds. 2,860,172, 11-11-58, Cl. 260-653.7.
- Woolfson, Martin G.: *See—*
Green, Elbertson D., and Woolfson. 2,848,613.
- Woolley, Brown J. Removing casing and the like from a well bore. 2,848,050, 8-19-58, Cl. 166-14.
- Woolley, Charles H.: *See—*
Chan, Charles R., and Woolley. 2,840,056.
- Woolley, Eben B., to F. O. Hindle. Illuminated clothes closet fixture. 2,827,555, 3-18-58, Cl. 240-2.
- Woolley, John M., to Imperial Chemical Industries Ltd. Isoxazolone couplers in color photography. 2,846,307, 8-5-58, Cl. 96-55.
- Woolley, John M., to Imperial Chemical Industries Ltd. Indazolone colour couplers. 2,866,706, 12-30-58, Cl. 96-55.
- Woolley Mfg. Co.: *See—*
Redmond, Edward J. 2,822,175.
- Woolley, Raymond F., to United States of America, Army. Crystal plating apparatus. 2,864,332, 12-16-58, Cl. 118-49.
- Woolsey, Theodore A.: *See—*
Webster, Robert A., Herman, and Woolsey. 2,842,385.
- Woolsey, Theodore A., A. D. Herman, and L. L. Rice, to Aeroquip Corp. V-band clamp with clamping band and combined guide and bracing yokes. 2,841,420, 7-1-58, Cl. 285-421.
- Woolslayer, Homer J.: *See—*
Jenkins, Cecil, Born, Woolslayer, and Maxwell. 2,840,197.
- Woolslayer, Homer J., C. Jenkins, R. C. Maxwell, and J. W. Born, to Lee C. Moore Corp. Apparatus and method for multiple well drilling. 2,840,198, 6-24-58, Cl. 189-11.
- Woolslayer, Homer J., C. Jenkins, C. L. Turner, and E. A. Campbell, to Lee C. Moore Corp. Folding gin pole. 2,843,229, 7-15-58, Cl. 189-15.
- Woolslayer, Homer J., C. Jenkins, C. L. Turner, and E. A. Campbell, to Lee C. Moore Corp. Portable oil well derrick. 2,863,530, 12-9-58, Cl. 189-11.
- Wooten, Charles T.: *See—*
Moore, Jacob H., and Wooten. 2,835,956.
- Wooten, Willis C., Jr.: *See—*
Coover, Harry W., Jr., and Wooten. 2,831,826.
Coover, Harry W., Jr., and Wooten. 2,850,478.
- Wooten, Willis C., Jr., and D. J. Shields, to Eastman Kodak Co. Preparation of vinylidene chloride interpolymers of improved solubility. 2,843,572, 7-15-58, Cl. 260-85.5.
- Wootton, Gerald V., to The B. F. Goodrich Co. Acetonitrile-water azeotropic solutions of vinylidene cyanide polymer and process for preparing same. 2,862,903, 12-2-58, Cl. 260-29.6.
- Wootton, William C., to United-Carr Fastener Corp. Fastening device. 2,830,350, 4-15-58, Cl. 24-269.
- Wootton, William C., to United-Carr Fastener Corp. Fastening device. 2,837,803, 6-10-58, Cl. 24-81.
- Wootton, William C., to United-Carr Fastener Corp. Sealing bushing for a fastening device. 2,858,156, 10-28-58, Cl. 288-22.
- Worbois, Robert J.: *See—*
Gorman, Andrew T., and Worbois. 2,846,271.
- Worby, Charles R., to United States Rubber Co. Method of impregnating a fabric with polyethylene. 2,824,034, 2-18-58, Cl. 154-102.
- Worcester, Joseph A., to General Electric Co. Volume control circuit for a clock radio. 2,847,564, 8-12-58, Cl. 250-20.
- Worcester, Leslie E.: *See—*
Gillie, Joe D., and Worcester. 2,846,347.
- Worcester Valve Co., Inc.: *See—*
Sanctuary, Robert E. 2,858,098.
- Worden, Richard R. Entrenching tool. 2,830,307, 4-15-58, Cl. 7-14.55.
- Work, Lincoln T., to Texaco Development Corp. Method and apparatus for treating a solid material. 2,830,769, 4-15-58, Cl. 241-5.
- Work, Lincoln T., to Texaco Development Corp. Production of dispersions. 2,844,541, 7-22-58, Cl. 252-314.
- Work, Lincoln T., to Texaco Development Corp. Fluid energy grinding. 2,846,150, 8-5-58, Cl. 241-5.
- Work, Robert S.: *See—*
Viguers, Ernst J., and Work. 2,828,846.
- Working, Kenneth C. Soil conditioning. 2,838,877, 6-17-58, Cl. 47-58.
- Workman, Paul. Adjustable pliers. 2,857,795, 10-28-58, Cl. 81-351.
- Workman, Stanley E.: *See—*
Richner, William V. 2,825,343.
- Works, Carroll N.: *See—*
Berberich, Lee J., and Works. 2,849,525.

- Works, Charles W. Detachable clamp and guard bracket. 2,820,996, 1-28-58, Cl. 20—92.4.
- Works, William R., and T. R. Miles, to Crown Zellerbach Corp. Edge-surfaced woody product. 2,821,497, 1-28-58, Cl. 154—45.9.
- Works, William R., and J. C. Berney, 50% to Crown-Zellerbach Corp., and 50% to United States Plywood Corp. Means for filling cavity defects in panel surfaces. 2,860,597, 11-18-58, Cl. 118—413.
- World Color Printing Co., The: See—
Chase, Lewis J. 2,823,788.
- Worldsbest Industries, Inc.: See—
Rusch, William H. 2,859,811.
- Worley, Carter A., to J. H. Smith. Sectional tent. 2,828,756, 4-1-58, Cl. 135—3.
- Worley, Carter A., to J. H. Smith. Knockdown bench unit. 2,842,186, 7-8-58, Cl. 155—130.
- Worlidge, Ronald F. Self-engaging and self-sealing pipe couplings especially applicable to flight refuelling purposes. 2,852,280, 9-16-58, Cl. 284—18.
- Worlidge, Ronald F., to Flight Refuelling Ltd. Hose coupling devices. 2,854,989, 10-7-58, Cl. 137—219.
- Wormser, Arthur, L. A. McKinney, I. W. Mahacek, and J. E. Haston, to Inflico Inc. Scum skimmer. 2,822,928, 2-11-58, Cl. 210—523.
- Worn, George A.: See—
Evans, George W., Jr., and Worn. 2,848,197.
- Worn, George A., to The Lummus Co. Apparatus for effecting catalytic exothermic reactions. 2,861,873, 11-25-58, Cl. 23—289.
- Worobcl, John, to United Aircraft Corp. Inner cone attachment. 2,865,167, 12-23-58, Cl. 60—35.6.
- Worrel, Vernon J.: See—
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- Worst, Joseph C. Button blank feeder. 2,841,309, 7-1-58, Cl. 221—236.
- Worst, Joseph C., to General Electric Co. Temperature control means for clothes dryer. 2,851,790, 9-16-58, Cl. 34—48.
- Worth, Harry J., to Union Oil Co. of California. Water-resistant sodium greases containing amides. 2,828,263, 3-25-58, Cl. 252—42.1.
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- Worth, Harry J., to Union Oil Co. of California. Extreme pressure lubricating grease. 2,858,273, 10-28-58, Cl. 252—36.
- Worth, William E. Dice agitating amusement device. 2,823,036, 2-11-58, Cl. 273—145.
- Wortham, Coleman, Jr.: See—
Jones, Montgomery O. 2,847,759.
- Worthen, Elgin F. Phase inverter. 2,833,871, 5-6-58, Cl. 179—171.
- Worthen, Erma R. Storage receptacle and attachment means therefor. 2,843,301, 7-15-58, Cl. 224—42.45.
- Worthen, John H., to Federal Products Corp. Air gage apparatus. 2,846,871, 8-12-58, Cl. 73—37.9.
- Worthen, John H., to Federal Products Corp. Drift gage machine control. 2,866,365, 12-30-58, Cl. 77—3.
- Worthington, Albert E., C. J. Walters, and K. E. Chave, to California Research Corp. Extraction of hydrocarbons from water. 2,847,368, 8-12-58, Cl. 202—46.
- Worthington Biochemical Corp.: See—
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- Worthington Corp.: See—
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Hartwell, George W. 2,865,557.
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Luoma, Aarne A. 2,855,942.
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Paashaus, Robert F. 2,831,434.
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Wright, Elliott F. 2,828,696.
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- Worthington, Emory W.: See—
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- Worthington, Emory W., and C. H. Ringe, to R. Hoe & Co., Inc. Printing plate clamping mechanism. 2,857,841, 10-28-58, Cl. 101—378.
- Worthington, Harvey R., Jr., to the United States of America as represented by the Secretary of the Navy. Simultaneous lobe matching device. 2,825,957, 2-25-58, Cl. 343—16.
- Worthington, John E.: See—
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- Worthington, Robert R. Ornamental cover for spectacle frames. 2,835,063, 5-20-58, Cl. 41—10.
- Worthington, Robert S., and H. M. Lavender, Jr. Distillation process for recovering aromatics. 2,831,822, 5-13-58, Cl. 260—47.4.
- Wortz, Francis J., to Congoleum-Nairn Inc. Method for producing calendered composition sheet. 2,840,137, 6-24-58, Cl. 154—25.
- Wosak, Robert, to General Dynamics Corp. Hydraulic ejection equipment for missiles. 2,837,971, 6-10-58, Cl. 89—5.
- Wouda, Jan, to N. V. Nederlandsche Instrumenten-en Electricische Apparaten-Fabriek "Nief." Magnet system with movable coil. 2,826,739, 3-11-58, Cl. 324—151.
- Wouk, Victor, to Sorensen & Co., Inc. Protective spark gap. 2,840,766, 6-24-58, Cl. 317—16.
- Wouk, Victor, to Sorensen & Co., Inc. Variable resistance starting circuit. 2,863,071, 12-2-58, Cl. 307—93.
- Wouters, Louis F., to the United States of America, Atomic Energy Commission. Radiation wave detector. 2,858,452, 10-28-58, Cl. 250—200.
- Wowchuk, Stephen. Automatic shaver with floating pincer cutting action. 2,827,692, 3-25-58, Cl. 30—42.
- Woyton, Thomas M. Window servicing platform. 2,849,257, 8-26-58, Cl. 304—27.
- Woyton, Thomas M. Muffler tail pipe removing tool. 2,860,408, 11-18-58, Cl. 29—275.
- Woytych, Raymond M., to Giddings & Lewis Machine Tool Co. Continuous feed facing attachment for machine tools. 2,831,886, 4-22-58, Cl. 82—2.
- Wozniak, Mitchell S.: See—
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- Wozniak, Mitchell S., to J. T. Chase. Circular cutting tool. 2,825,123, 3-4-58, Cl. 29—102.
- Wrase, Erich, to G. M. Paff A. G. Feeding mechanism for sewing machines. 2,866,426, 12-30-58, Cl. 112—214.
- Wray, Edward J., to Canadian General Electric Co., Ltd. Coupling. 2,843,408, 7-15-58, Cl. 287—53.
- Wren, Howard D.: See—
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- Wren, Robert D., Jr. Idling needle with vacuum attachment. 2,859,951, 11-11-58, Cl. 261—41.
- Wrenn, George T., Jr., to Virginia Smelting Co. Apparatus for simultaneously puncturing gas charged containers. 2,864,534, 12-16-58, Cl. 222—5.
- Wrigglesworth, Norman A., to American Optical Co. Microscope illuminator. 2,863,989, 12-9-58, Cl. 240—41.3.
- Wright, Alexander M., to Pratt & Whitney Co., Inc. Vortex pump. 2,842,062, 7-8-58, Cl. 103—96.
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- Wright, Ansel J., to Master Addresser Co. Master card for reproduction by the spirit transfer process. 2,842,050, 7-8-58, Cl. 101—149.4.
- Wright, Ansel J., to Master Addresser Co. Printing machine. 2,863,385, 12-9-58, Cl. 101—133.
- Wright, Ansel J., and G. T. Rosenlund, to Master Addresser Co. Master card feeding means in printing machines. 2,859,690, 11-11-58, Cl. 101—65.
- Wright, Antony: See—
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- Wright, Arthur, to Charles of the Ritz, Inc. Hydraulic powder press. 2,834,048, 5-13-58, Cl. 18—16.
- Wright, Ben L.: See—
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- Wright, Byron T., to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for producing ions of vaporizable materials. 2,821,632, 1-28-58, Cl. 250—41.9.
- Wright, Carl C. Protective and decorative device for door jambs and the like. 2,837,787, 6-10-58, Cl. 20—74.
- Wright, Carl D., Jr.: See—
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- Wright, Charles B. Pocket secretary. 2,828,975, 4-1-58, Cl. 251—13.
- Wright, Clarence W.: See—
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- Wright, Clifford B.: *See*—
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- Wright, Clyde E., and H. Weibel, to The Ridge Tool Co. Vise stand. 2,831,583, 4-22-58, Cl. 211-149.
- Wright, Daniel K., Jr.: *See*—
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- Wright, Daniel M. Lubricator for sealed frictionless bearings. 2,839,160, 6-17-58, Cl. 184-1.
- Wright, Dexter V., to Westinghouse Electric Corp. Balancing machine. 2,861,455, 11-25-58, Cl. 73-463.
- Wright, E. T., & Co., Inc.: *See*—
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- Wright, Edward P., to Turco Products, Inc. Railway journal box dust and oil guard. 2,858,792, 11-4-58, Cl. 116-106.
- Wright, Elliott F., to Worthington Corp. Packing for a reciprocating pump. 2,828,696, 4-1-58, Cl. 103-153.
- Wright, Elliott F., and A. J. Keuffel, to Worthington Corp. Control for high velocity high pressure water delivery system. 2,824,519, 2-25-58, Cl. 103-12.
- Wright, Esmond P. G., J. Rice, and R. C. Orford, to International Standard Electric Corp. Electrical information storage circuits. 2,831,150, 4-15-58, Cl. 315-84.5.
- Wright, Esmond P. G., D. A. Weir, and J. Rice, to International Standard Electric Corp. Information handling equipment. 2,831,179, 4-15-58, Cl. 340-174.
- Wright, Esmond P. G., D. A. Weir, and G. R. Phillips, to International Standard Electric Corp. Totalisator equipment. 2,837,281, 6-3-58, Cl. 235-92.
- Wright, Esmond P. G., and J. Rice, to International Standard Electric Corp. Methods of recording and/or modifying electrical intelligence. 2,838,745, 6-10-58, Cl. 340-174.
- Wright, Esmond P. G., and J. Rice, to International Standard Electric Corp. Message registers. 2,865,563, 12-23-58, Cl. 235-61.
- Wright, Floyd H., and H. F. Winderl, to General Electric Co. Testing device. 2,844,794, 7-22-58, Cl. 324-158.
- Wright, Francis G. Liquid sampler. 2,844,036, 7-22-58, Cl. 73-425.4.
- Wright, Francis S.: *See*—
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- Wright, Frank P., to Armstrong-Delay, Inc. Central vacuum cleaning system. 2,825,921, 3-11-58, Cl. 15-314.
- Wright, Fred A., to Douglas Aircraft Co., Inc. Anti-shimmy nose wheel. 2,861,759, 11-25-58, Cl. 244-103.
- Wright, Fred J., to The Jeffrey Mfg. Co. Hydraulic system. 2,818,706, 1-7-58, Cl. 60-53.
- Wright, Frederic H.: *See*—
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- Wright, Galer N.: *See*—
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- Wright, George W., to Tokheim Corp. Diaphragm pump. 2,815,033, 7-29-58, Cl. 103-150.
- Wright, George W., to Tokheim Corp. Pump-discharge fitting. 2,849,162, 8-26-58, Cl. 222-375.
- Wright, George W., and O. R. Scheurer, to Tokheim Oil Tank and Pump Co. Manually operable piston pump. 2,834,298, 5-13-58, Cl. 103-175.
- Wright, Gilbert M. Indicating and signal device for circulatory systems and the like. 2,854,968, 10-7-58, Cl. 128-205.
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- Wright, Gordon P., to Kelvin & Hughes Ltd. Inclinoimeters. 2,854,762, 10-7-58, Cl. 35-206.
- Wright, Harold B., to Fisher Governor Co. Gas control valve. 2,826,213, 3-11-58, Cl. 137-116.3.
- Wright, Harold H., to Gulf Oil Corp. Method and apparatus for separation of gas from oil. 2,828,818, 4-1-58, Cl. 166-8.
- Wright, Hazel H.: *See*—
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- Wright, Ianthus: *See*—
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- Wright, James A., to White-Rodgers Co. Electromagnetic valve. 2,829,861, 4-8-58, Cl. 251-130.
- Wright, James A., to L. Williams. Means for connecting a turntable to a counter top. 2,830,862, 4-15-58, Cl. 311-33.
- Wright, James C., to Silver Engineering Works, Inc., a division of Silver Corp. Apparatus and method of fluidized drying of carbonaceous fuels. 2,833,055, 5-6-58, Cl. 34-10.
- Wright, James H.: *See*—
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- Wright, James M., to Pan American Petroleum Corp. Composition for sealing permeable formations. 2,859,822, 11-11-58, Cl. 166-42.
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- Wright, John H. Cutting tool. 2,838,827, 6-17-58, Cl. 29-96.
- Wright, John W. Reciprocating saw blade. 2,849,037, 8-26-58, Cl. 143-133.
- Wright, John W. T., and D. A. Howles, to The British Thomson-Houston Co. Ltd. Electrical lamps. 2,860,274, 11-11-58, Cl. 313-318.
- Wright, Kenneth A. Clamp ring for pipe. 2,836,447, 5-27-58, Cl. 287-52.03.
- Wright, Kenneth A., and K. W. Solum, to B & W, Inc. Stop collar for a well pipe. 2,855,052, 10-7-58, Cl. 166-243.
- Wright, Leon W.: *See*—
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- Wright, Leon W., to Houdry Process Corp. Process for the catalytic hydrogenation of unsaturated hydrocarbons and their derivatives. 2,854,496, 9-30-58, Cl. 260-683.9.
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- Wright Line, Inc.: *See*—
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- Wright, Manfred G., and G. M. Gaskill, to General Motors Corp. Combined signal seeking push button and manual tuner. 2,851,887, 9-16-58, Cl. 74-10.33.
- Wright, Marion F., and M. K. Swofford. Bore wall cleaner. 2,826,253, 3-11-58, Cl. 166-173.
- Wright & McGill Co.: *See*—
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- Wright, Miris D.: *See*—
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- Wright, Paul A. Power snow plow. 2,847,770, 8-19-58, Cl. 37-53.
- Wright, Peter M., and A. K. Kwasiehorski, to Marconi's Wireless Telegraph Co. Ltd. Automatic frequency control systems. 2,831,974, 4-22-58, Cl. 250-36.
- Wright, Peter M., and P. S. Brandon, to Marconi's Wireless Telegraph Co. Ltd. Voltage stabilizing circuit arrangements. 2,841,758, 7-1-58, Cl. 323-22.
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- Wright, Richard C., to Iron Fireman Mfg. Co. Gas burner. 2,848,042, 8-19-58, Cl. 158-106.
- Wright, Robert C., Jr., to Worthington, Corp. Pneumatic sequential selectors. 2,824,569, 2-25-58, Cl. 137-122.
- Wright, Robert C., Jr., to Worthington Corp. Snap-acting pneumatic relays. 2,858,840, 11-4-58, Cl. 137-82.
- Wright, Robert H., and R. W. Klinck, to British Columbia Research Council. Gas-liquid reactor. 2,858,119, 10-28-58, Cl. 261-20.
- Wright, Robert L., and W. C. Whittenberg, to Westinghouse Electric Corp. X-ray apparatus. 2,840,718, 6-24-58, Cl. 250-93.
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- Wright, Walter W., J. A. Smyth, and B. D. Mills, to International Standard Electric Corp. Electric discharge devices. 2,854,601, 9-30-58, Cl. 313-260.
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- Wrighton, Robert J., to Pacific Scientific Aeroproducts. Cable tension regulator. 2,866,355, 12-30-58, Cl. 74-501.5.
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- Wujciak, Donald W., R. H. Wade, and W. S. Barnhart, to Minnesota Mining and Mfg. Co. Perchlorofluoro alcohols. 2,824,897, 2-25-58, Cl. 260-633.
- Wulf Process Co.: See—
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- Wulfsberg, Arthur H., to Collins Radio Co. Multiple tone oscillator system having constant peak output voltage. 2,840,713, 6-24-58, Cl. 250-36.
- Wulfsberg, Paul G., to Collins Radio Co. Sidestep oscillation means. 2,840,714, 6-24-58, Cl. 250-36.
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- Wunderman, Irwin, to Lockheed Aircraft Corp. Transistor operated relay. 2,866,925, 12-30-58, Cl. 317-148.5.
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- Wurbs, Alfred. Production of amalgams. 2,840,520, 6-24-58, Cl. 204-125.
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- Wurm, Stanley C. Warning signal switch. 2,826,655, 3-11-58, Cl. 200-61.51.
- Wurttembergische Metallwarenfabrik: See—
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- Wurtz, Clifford H., to General Motors Corp. Refrigerating apparatus. 2,863,303, 12-9-58, Cl. 62-276.
- Wurzburg, Otto B.: See—
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- Wurzbürger, Paul D.: See—
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- Wurzbürger, Paul D. Pipe coupling with deformable ring for flareless pipe. 2,823,935, 2-18-58, Cl. 285-342.
- Wurzbürger, Paul D., to Nibco, Inc. Method of making wrought fittings. 2,827,007, 3-18-58, Cl. 113-44.
- Wurzbürger, Paul D. Locking ring structure for pipe couplings. 2,828,978, 4-1-58, Cl. 285-85.
- Wurzbürger, Paul D., to Nibco, Inc. Method and means for making elbows by forcing tubular stock through a die. 2,831,523, 4-22-58, Cl. 155-48.
- Wurzbürger, Paul D. Swivel coupling with resilient ring to bias detent means. 2,837,352, 6-3-58, Cl. 285-93.
- Wurzel, Hugo, to Walde Kohinoor, Inc. Releaseable couplings. 2,831,716, 4-22-58, Cl. 287-52.05.
- Wurzel, Hugo, to Walde Kohinoor, Inc. Tools for assembling spring retaining rings. 2,835,028, 5-20-58, Cl. 29-229.
- Wurzel, Hugo, to Walde Kohinoor, Inc. Retaining rings. 2,861,824, 11-25-58, Cl. 287-52.
- Wusteney, Herbert: See—
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- Wuster, Heinrich. Rotary rake and tedder. 2,819,578, 1-14-58, Cl. 56-366.
- Wyandotte Chemicals Corp.: See—
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- Wyatt, Ernest V. Fireplace. 2,829,634, 4-8-58, Cl. 126-121.
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- Wyatt, James L., to Horizons Inc. Method for the production of cadmium. 2,844,459, 7-22-58, Cl. 75-71.
- Wyatt, James L., to Horizons Inc. Method for the preparation of zinc. 2,844,461, 7-22-58, Cl. 75-86.
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- Wyatt Mfg. Co.: See—
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- Wyatt, William K., and G. E. Tradewell, to Turbo Machine Co. Fluid spray cleaning machines. 2,861,838, 11-25-58, Cl. 299-58.
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- Wyble, Keith D., to Wyble Engineering Development Corp. Centrifuge. 2,821,339, 1-28-58, Cl. 233-26.
- Wyche, Ernest H., to Union Carbide Corp. Low boron ferro-titanium alloy. 2,858,209, 10-28-58, Cl. 75-175.5.
- Wycheley, William J., to Slazengers Ltd. Golf bags. 2,855,967, 10-14-58, Cl. 150-1.5.
- Wyckoff, Robert L., to United States of America, Navy. Coincidence triggered gate generator. 2,844,763, 7-22-58, Cl. 315-166.
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- Wyczalek, Floyd A.: See—
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- Wygde, Donald R. Wire cage forming devices. 2,828,793, 4-1-58, Cl. 153-17.
- Wyland, Richard R., to Boeing Airplane Co. Positive action flow divider. 2,862,449, 12-2-58, Cl. 103-49.
- Wyland, Richard R., and W. H. Hunter, to Boeing Airplane Co. Rivet squeezer. 2,844,978, 7-29-58, Cl. 78-42.
- Wylen, Joseph, to Burroughs Corp. Logical magnetic circuits. 2,857,586, 10-21-58, Cl. 340-174.
- Wyer, Eugene N., and F. C. Todd, to United States of America, Army. Cathode. 2,855,536, 10-7-58, Cl. 313-341.
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- Wyllie, Malcolm R. J., to Gulf Research & Development Co. Ion-exchange membranes. 2,820,756, 1-21-58, Cl. 204-296.
- Wyllie, Stuart S., to Elliot Equipment Ltd. Collapsible storage tanks. 2,854,049, 9-30-58, Cl. 150-1.
- Wyman, Edwin T. Tubeless tire with safety inner tire. 2,861,619, 11-25-58, Cl. 152-340.
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- Wynkoop, Raymond, and J. J. Giachetto, to National Distillers and Chemical Corp. Selective decarboxylation process. 2,837,564, 6-3-58, Cl. 260-533.
- Wynn, George, to Jones & Laughlin Steel Corp. Strand roller. 2,840,036, 6-24-58, Cl. 118-234.
- Wynn, Herman D., to Southern Athletic Co., Inc. Athletic field cover. 2,848,233, 8-19-58, Cl. 273-27.
- Wynn, James F., to American-Marietta Co. Centerline paint. 2,865,266, 12-23-58, Cl. 94-1-5.
- Wynn, Robert O., to ACF Industries, Inc. Gate valve. 2,823,888, 2-18-58, Cl. 251-196.
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- Wynne, Charles H. L., to D. Napier & Son Ltd. Hydraulic governor systems. 2,865,623, 12-23-58, Cl. 264-14.
- Wynne, Hubert C., to Pilkington Brothers Ltd. Apparatus for manufacturing flat glass in ribbon form. 2,826,005, 3-11-58, Cl. 49-33.
- Wynne, Hubert C., and J. R. L. Nuttall, to Pilkington Brothers Ltd. Manufacture of flat glass in continuous ribbon form. 2,826,868, 3-18-58, Cl. 49-33.
- Wynne, Ira H., H. K. Martin, and K. M. Haley, to Oglebay, Norton and Co. Shaft furnace for indurating pellets. 2,848,208, 8-19-58, Cl. 263-29.
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- Yabuta, Teiji, H. Ikeda, K. Shiroyanagi, H. Ikeda, I. Fujimaki, M. Katayama, K.-I. Tsuji, and T. Sato. Process for preparing dihydrodesoxystreptomycin. 2,837,510, 6-3-58, Cl. 260-210.
- Yackel, Edward C., and T. I. Abbott, to Eastman Kodak Co. Photographic emulsion. 2,856,283, 10-14-58, Cl. 96-28.
- Yaceo, Jesse C., to E. I. du Pont de Nemours and Co. Slurry process for the manufacture of hydrogen fluoride. 2,846,290, 8-5-58, Cl. 23-153.
- Yaeger, Luther L., to Bjorksten Research Laboratories, Inc. Process of coating a metal surface. 2,829,984, 4-8-58, Cl. 117-132.
- Yaeger, Luther L., to Tru-Scale, Inc. Coating for cured polyester surfaces. 2,848,350, 8-19-58, Cl. 117-47.
- Yaeger, Luther L., to American Motors Corp. Cellulose mixed ester coating composition. 2,852,403, 9-16-58, Cl. 106-178.
- Yaeger, Robert E., to Bell Telephone Laboratories, Inc. Cascade transistor amplifiers. 2,844,667, 7-22-58, Cl. 179-171.
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- Yale, John W., Jr.: *See*—
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- Yamamoto, Rynichi, M. Harada, and T. Takahashi, to Shionogi & Co., Ltd. Thiamine 3-carboxy-5-hydroxy-1-p-sulphophenyl-4-sulphophenylazopyrazolate and a method for obtaining the same. 2,820,786, 1-21-58, Cl. 260-154.
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- Yamaura, Masao. Glass-fiber-tube type lead-acid storage battery plate. 2,847,496, 8-12-58, Cl. 136-148.
- Yamazaki, Jumei. Dynamic autoclave for the continuous treating of ores under high temperature and high pressure in the vicinity of the critical temperature of water. 2,841,679, 7-1-58, Cl. 219-10.51.
- Yamen, Irving A., to Dust-Tex Corp. Collapsible mop support. 2,840,840, 7-1-58, Cl. 15-147.
- Yan, Maxwell M., and H. H. Borchers, to Abitibi Power & Paper Co., Ltd. Process for forming wood particle board and product. 2,854,372, 9-30-58, Cl. 154-101.
- Yanagida, Yoichi, to Automatic telephone calling apparatus. 2,861,130, 11-18-58, Cl. 179-90.
- Yanagisawa, Samuel T., and H. F. Miserochchi, to Machlett Laboratories, Inc. Electron tube for magnetic induction accelerator. 2,825,833, 3-4-58, Cl. 313-62.
- Yanagisawa, Samuel T., and H. F. Miserochchi, to Machlett Laboratories, Inc. Method of forming a multi-color screen on the image plate of a color television tube and product. 2,858,233, 10-28-58, Cl. 117-33.5.
- Yancey, Fred W., to Western Electric Co., Inc. Safety devices for stapling machines. 2,863,150, 12-9-58, Cl. 1-49.
- Yancey, Jesse E., to Drillograph Co., Inc. Apparatus for recording drilling operations. 2,831,347, 4-22-58, Cl. 73-151.5.
- Yando, Stephen, to Sylvania Electric Products Inc. Reactance tube circuit. 2,827,029, 2-25-58, Cl. 332-28.
- Yandt, Carl F. Hydraulic self-adjusting rocker arm. 2,818,845, 1-7-58, Cl. 123-90.
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- Yarrow, Harry A. Electrical micrometer using a resistance bridge. 2,824,376, 2-25-58, Cl. 33-147.
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- Yeagley, Frank W., to Collins Radio Co. Filter. 2,835,873, 5-20-58, Cl. 333-73.
- Yeasting, Maynard C., to Toledo Scale Corp. Terminal zone dispatching. 2,835,347, 5-20-58, Cl. 187-29.
- Yeats, Robert S. Removable Venetian blind slat. 2,820,512, 1-21-58, Cl. 160-173.
- Yeda, Isamu U. Flexible hand rake. 2,847,816, 8-19-58, Cl. 56-400.17.
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- Yegliniski, Joseph. Shim for railroad. 2,823,867, 2-18-58, Cl. 238-328.
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- Yeiser, Leon K., to AMP Inc. Tool for crimping an electrical connector onto a conductor. 2,824,472, 2-25-58, Cl. 81-15.
- Yeiser, Leon K., to Aircraft-Marine Products, Inc. Electrical connector. 2,862,994, 12-2-58, Cl. 174-75.
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- Yellott, John I., and P. R. Broadley, to Bituminous Coal Research, Inc. Coal burning generating electric locomotive with improved ash separation and storage system. 2,857,854, 10-23-58, Cl. 105-35.
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- Yen, Ernest C. to American Cyanamid Co. Marking gelatin capsules. 2,821,821, 2-4-58, Cl. 53-14.
- Yen, Teh F., to The Goodyear Tire & Rubber Co. New composition of matter. 2,844,632, 7-22-58, Cl. 260-608.
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- Yenni, Donald M., to Union Carbide Corp. High pressure arc process and apparatus. 2,847,555, 8-12-58, Cl. 219-76.
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- Yeo, Ernest E., D. P. Drown, and J. P. O'Brien, to Sylvania Electric Products Inc. Lamp mount transfer apparatus. 2,836,313, 5-27-58, Cl. 214-148.
- Yeo, Ernest E., and K. B. Maloney, to Sylvania Electric Products Inc. Lamp bulb loader. 2,860,760, 11-18-58, Cl. 198-24.
- Yeoman, Joseph V. Adjustable car sun visor. 2,842,197, 7-8-58, Cl. 160-224.
- Yeoman, Ray C.: See—
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- Yeomans, Clifton. Multistage turbine. 2,841,362, 7-1-58, Cl. 253-69.
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- Yermish, Israel J., to Fenway Machine Co., Inc. Sheet metal nibbling tool. 2,844,872, 7-29-58, Cl. 30-228.
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- Yetman, William H. Outdoor lighting fixture. 2,820,884, 1-21-58, Cl. 240-51.11.
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- Yetter, Edward W., to Sperry Rand Corp. Binary adding and subtracting device. 2,819,019, 1-7-58, Cl. 235-61.
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- Yetter, Lloyd E. Drive means for mechanical horse. 2,830,459, 4-15-58, Cl. 74-86.
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- Yip, Horne W. Wrestling and boxing game ring kit. 2,832,174, 4-29-58, Cl. 46-17.
- Ylunen, Klaus J. Reaction time meters. 2,834,597, 5-13-58, Cl. 273-95.
- Yntema, Leonard F., E. A. Beidler, and I. E. Campbell, to Fansteel Metallurgical Corp. Highly refractive molybdenum bodies. 2,823,151, 2-11-58, Cl. 148-31.5.
- Yntema, Leonard F., and I. E. Campbell, to Fansteel Metallurgical Corp. Refractory metal bodies. 2,865,088, 12-23-58, Cl. 29-194.
- Yoblin, Jack A.: See—
Goetzel, Claus G., Grant, Yoblin, and Skolnick. 2,852,367.
- Yochum, Donald E. Hypodermic syringe for veterinarians. 2,823,674, 2-18-58, Cl. 128-218.
- Yocom, Willis H.: See—
Kempfer, Rudolf, and Yocom. 2,857,548.
Pierce, John K., and Yocom. 2,824,256.
- Yocum, Wallace M.: See—
Davis, Claude D., and Yocom. 2,832,336.
- Yoder, Donald M., to Union Carbide Corp. Method of combating weeds. 2,838,389, 6-10-58, Cl. 71-2.5.
- Yoder, Florence S. Closure device. 2,841,307, 7-1-58, Cl. 220-24.
- Yoder, Joe B., and A. L. Palmer, to General Electric Co. Quartz lamp sealing machine. 2,857,712, 10-28-58, Cl. 49-2.
- Yoder, John R. Teething device. 2,826,201, 3-11-58, Cl. 128-359.
- Yoder, Lewis A., to General Electric Co. Electron discharge device and method of gettering. 2,838,708, 6-10-58, Cl. 313-174.
- Yoho, Lester N., to The Silex Co. Apparatus for freezing desserts. 2,864,595, 12-16-58, Cl. 259-119.
- Yokel, Edward C., to Twin Disc Clutch Co. Oil cooled seal. 2,820,653, 1-21-58, Cl. 286-19.
- Yokelson, Bernard J.: See—
Large, Wayne V. K., Soffel, and Yokelson. 2,826,638.
- Yoler, Yusuf A., to General Electric Co. High speed photographic device. 2,853,918, 9-30-58, Cl. 88-16.
- Yoler, Yusuf A., and H. T. Nagamatsu, to General Electric Co. Apparatus for generating fluid at hypersonic speed. 2,836,063, 5-27-58, Cl. 73-147.
- Yolles, Seymour, to E. I. du Pont de Nemours and Co. Polyalkylenepolyphosphinic acids. 2,829,137, 4-1-58, Cl. 260-94.9.
- Yonemitsu, El I.: See—
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- Yonkers, Edward H., to Joslyn Mfg. & Supply Co. Fuse assembly for cutouts. 2,840,668, 6-24-58, Cl. 200-127.

- Yonkers, Edward H., to Joslyn Mfg. & Supply Co. Fused cutout with knee joint. 2,862,080, 11-25-58, Cl. 200—114.
- Yonkers, Florence: *See—*
- Yonkers, William M. 2,836,078.
- Yonkers, John L. Machine for folding and cementing paper articles. 2,832,269, 4-29-58, Cl. 93—1.
- Yonkers, William M., $\frac{1}{2}$ to F. Yonkers. Safety steering column. 2,836,078, 5-27-58, Cl. 74—493.
- Yonkman, William: *See—*
- Kolzow, Clarence R., and Yonkman. 2,866,719.
- Yorgey, Myrtle E.: *See—*
- Yorgey, Samuel E., and M. E. 2,853,231.
- Yorgey, Samuel E., and M. E. Money compartment unit for doors. 2,853,231, 9-23-58, Cl. 232—43.4.
- Yorinks, Alexander. Progressive slide mechanism. 2,836,469, 5-27-58, Cl. 308—3.8.
- Yorinks, Alexander. Slide mechanism. 2,864,656, 12-16-58, Cl. 308—3.8.
- York, Edward P. Remote rotational displacement indicators. 2,836,064, 5-27-58, Cl. 73—188.
- York, Edward R.: *See—*
- Scheer, Herman C., and York. 2,834,725.
- York Engineering & Construction Co.: *See—*
- MacGregor, Charles. 2,858,122.
- MacGregor, James and C. 2,822,930.
- MacGregor, James, and Zoltun. 2,823,028.
- York, Floyd L. Power chain saw hook attachment. 2,821,213, 1-28-58, Cl. 143—32.
- York, Floyd R. Meat tenderizing composition and method of making. 2,857,284, 10-21-58, Cl. 99—222.
- York-Hoover Corp.: *See—*
- Keller, Horace D., Jr., Ness, Oberdier, and Wolf. 2,848,783.
- York, Lee R.: *See—*
- York, William W. and L. R. 2,835,270.
- York, Owen, Jr., to Hercules Powder Co. Recovery of terephthalic acid. 2,846,468, 8-5-58, Cl. 260—525.
- York-ShIPLEY, Inc.: *See—*
- Gerhart, Carlton M., Jr. 2,828,759.
- York, Victor. Tubing catching apparatus. 2,839,145, 6-17-58, Cl. 166—209.
- York, William W. and L. R. Automatic poultry waterer. 2,835,270, 5-20-58, Cl. 137—412.
- Yorker & Sons, Inc.: *See—*
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- Yoshida, Fumihiko, to Noda Industrial and Scientific Research Laboratory. Method of producing and purifying a new proteolytic enzyme. 2,848,371, 8-19-58, Cl. 195—62.
- Yoshida, Koji. Titanium oxide rectifier and method for manufacturing same. 2,822,606, 2-11-58, Cl. 29—25.3.
- Yoshida, Naoyuki: *See—*
- Mackivi, Vladimir N., and Yoshida. 2,822,261.
- Yoshida, Toichi, R. Iwanaga, and H. Mori, to Ajinomoto Co., Inc. Process for producing dicobalt octacarbonyl. 2,848,304, 8-19-58, Cl. 23—203.
- Yoshioka, Hatsuji. Advertising display device. 2,819,544, 1-14-58, Cl. 40—32.
- Yost, Charles W., $\frac{1}{2}$ to J. I. Scott. Combination outboard motor support and fuel tank. 2,842,086, 7-8-58, Cl. 115—5.
- Yost, Clyde E. Surgical device for the fixation of fractured bones. 2,834,342, 5-13-58, Cl. 128—92.
- Yost, Oscar A. Flow-inducing pipe fitting. 2,862,522, 12-2-58, Cl. 138—37.
- Yost, Oscar A. Self-powered agitating evaporator. 2,862,548, 12-2-58, Cl. 159—25.
- Yost, Robert S., to Rohm & Haas Co. N-vinyl-N'-aminoalkyl-N' alkylenureas and polymers thereof. 2,840,545, 6-24-58, Cl. 260—77.5.
- Yost, Robert S., to Rohm & Haas Co. Unsaturated quaternary ammonium compounds and polymers. 2,840,546, 6-24-58, Cl. 260—77.5.
- Yost, Robert S., to Rohm & Haas Co. N-(aminoalkyl)-N'-alkylenureas and methods of producing them. 2,840,561, 6-24-58, Cl. 260—256.4.
- Yost, Robert S., to Rohm & Haas Co. Preparation of N-vinyl ethylene urea compounds. 2,840,566, 6-24-58, Cl. 260—309.7.
- Yost, Russell R., Jr., and R. C. Lockwood, to the United States of America as represented by the Secretary of the Navy. Inductor design. 2,819,454, 1-7-58, Cl. 336—87.
- Yost, William J., to Socony Mobil Oil Co., Inc. Geophysical exploration by electric pulses. Re. 24,464, 4-22-58, Cl. 324—1.
- Younmans, Arthur H., to Well Surveys, Inc. Apparatus for the selective detection of neutrons. 2,854,584, 9-30-58, Cl. 250—77.
- Younmans, Arthur H., to General Mills, Inc. Method and apparatus for performing operations at a remote point. 2,861,699, 11-25-58, Cl. 241—1.
- Young, Allan M., to General Electric Co. Heating and control arrangement for electrically heated cooking receptacle. 2,843,720, 7-15-58, Cl. 219—44.
- Young, Arthur J., and J. R. Bagnall, to English Electric Valve Co. Ltd. Resonant cavity structures. 2,860,281, 11-11-58, Cl. 315—5.53.
- Young Brothers Co.: *See—*
- Lowe, Donald J. 2,845,720.
- Russell, James D. 2,821,286.
- Young, Charles A., to E. I. du Pont de Nemours and Co. Sulfur-curable polyalkyleneether polyurethane adhesive compositions. 2,858,287, 10-28-58, Cl. 260—24.
- Young, Charles H.: *See—*
- Murray, James V., Jr., Young, and Anderson. 2,837,585.
- Young, Charles J.: *See—*
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- Young, Clarence R., to T. W. & C. B. Sheridan Co. Opening devices for signature-gathering machines. 2,855,195, 10-7-58, Cl. 270—54.
- Young, Claude D.: *See—*
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- Young, Cornelius B., Jr. Microwave lens. 2,841,793, 7-1-58, Cl. 343—909.
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- Wheeler, Donald D., and Young. 2,819,287.
- Wheeler, Donald D., and Young. 2,830,999.
- Wheeler, Donald D., and Young. 2,834,780.
- Wheeler, Donald D., and Young. 2,834,788.
- Wheeler, Donald D., and Young. 2,838,522.
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- Wheeler, Donald D., and Young. 2,842,556.
- Wheeler, Donald D., and Young. 2,844,596.
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- Cottle, Delmer L., Morway, and Young. 2,844,534.
- Cottle, Delmer L., and Young. 2,822,370.
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- Guthrie, Donald A., and Young. 2,836,553.
- Morway, Arnold J., Witts, and Young. 2,833,718.
- Young, David W., and D. L. Cottle, to Esso Research and Engineering Co. Lubricating grease compositions containing n-acyl-p-amino phenols. 2,824,838, 2-25-58, Cl. 252—42.1.
- Young, David W., and D. L. Cottle, to Esso Research and Engineering Co. Composition of paraffin wax and a hydrogenated polymer oil. 2,842,455, 7-8-58, Cl. 106—271.
- Young, David W., D. L. Cottle, and O. C. Stofferbeck, to Esso Research and Engineering Co. Oil soluble alkali and alkaline earth metal salts of p-acylamino phenols. 2,852,540, 9-16-58, Cl. 260—404.
- Young, Donald M., and J. E. Klausner, to American Steel Foundries. Brake head mounting arrangement. 2,852,104, 9-16-58, Cl. 188—73.
- Young, Donald P.: *See—*
- Elce, Alec, Graham, Millidge, Robson, and Young. 2,861,923.
- Webster, William, and Young. 2,831,868.
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- De Lano, Ralph B., Jr., and Young. 2,846,615.
- Young, Donald R., to International Business Machines Corp. Storage system using ferroelectric condenser. 2,859,428, 11-4-58, Cl. 340—173.
- Young, Donald R., R. B. De Lano, Jr., and G. L. Shultz, to International Business Machines Corp. R. F. modulation system for barrier grid storage tubes. 2,863,090, 12-2-58, Cl. 315—12.
- Young, Donn E.: *See—*
- Kinstler, Robert C., and Young. 2,840,563.
- Young, Donn E., to American Cyanamid Co. Process for preparing benzothiazolyl disulfide. 2,830,058, 4-8-58, Cl. 260—306.5.
- Young, Douglass A., to Westinghouse Electric Corp. Instrument moving-coil assemblies. 2,866,138, 12-23-58, Cl. 317—166.
- Young, Edmond G., to E. I. du Pont de Nemours and Co. Self-propelling food mixture. 2,849,323, 6-26-58, Cl. 99—189.
- Young, Einar T.: *See—*
- Maves, Fred M., and Young. 2,841,011.
- Young, Einar T., and A. H. Marsh, to Sun Oil Co. Metering means. 2,858,049, 10-28-58, Cl. 222—26.
- Young, Eugene B. Hat attachment. 2,838,868, 6-17-58, Cl. 43—57.5.
- Young, Frank J. Boat hauling devices. 2,848,243, 8-19-58, Cl. 280—47.13.
- Young, Frank O. Device for carrying a storage battery. 2,835,527, 5-20-58, Cl. 294—16.
- Young, Frank W. Dust collector. Re. 24,521, 8-19-58, Cl. 183—61.
- Young, Fred M., to Young Radiator Co. Heat exchange agitator. 2,826,220, 3-11-58, Cl. 138—38.
- Young, Fred M., to Young Radiator Co. Heat exchanger agitator. 2,864,405, 12-16-58, Cl. 138—38.
- Young, Fred W., to S. N. Goldman. Folding bay seats for telescoping carts. 2,837,344, 6-3-58, Cl. 280—33.99.
- Young, Fred W., to S. N. Goldman. Folding seats for telescoping carts. 2,837,345, 6-3-58, Cl. 280—33.99.
- Young, Frederick S. Cutter mechanism. 2,843,203, 7-15-58, Cl. 164—57.
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- Wigner, Eugene P., Williamson, and Young. 2,856,340.
- Wigner, Eugene P., and Young. 2,853,624.
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- Young, Gale J., and L. A. Ohlinger, to United States of America, Atomic Energy Commission, Reactor and novel method, 2,840,522, 6-24-58, Cl. 204—154.2.
- Young, George F. Power lift, 2,856,156, 10-14-58, Cl. 255—19.
- Young, Harold S. Method of chem-milling honeycomb structures, 2,849,299, 8-26-58, Cl. 41—43.
- Young, Harry E. B.: *See—*
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- Young, Henry B., to Mission Mfg. Co. Piston and rod assemblies, 2,861,851, 11-25-58, Cl. 309—17.
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- Young, Irving H. Dolly for moving parked vehicles, 2,830,824, 4-15-58, Cl. 280—79.1.
- Young, Jack, to C. E. Jones, d. b. a. Jones Boat Yard and Storage Basin. Shrimp machine, 2,820,244, 1-21-58, Cl. 17—2.
- Young, James B. Camera tripod adapter, 2,834,567, 5-13-58, Cl. 248—187.
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- Young, James H., to E. I. du Pont de Nemours and Co. Modification of aluminum surfaces, 2,819,192, 1-7-58, Cl. 148—6.14.
- Young, James H., to E. I. du Pont de Nemours and Co. Bleaching fibers of vegetable origin with formamide sulfate and alkaline peroxide, 2,860,944, 11-18-58, Cl. 8—104.
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- Young, John, Jr., to Sperry Rand Corp., Ford Instrument Co., Div. Stator winder, 2,835,453, 5-20-58, Cl. 242—1.1.
- Young, John M. C. and H. S. Bottoms, to Joseph Lucas (Industries) Ltd. Automatic liquid controlling valves, 2,854,024, 9-30-58, Cl. 137—489.
- Young, Joseph N., to United States of America, Atomic Energy Commission. Electromagnetic apparatus for moving a rod, 2,831,990, 4-22-58, Cl. 310—14.
- Young, Julius, and B. W. Colman. Flush panel knob construction, 2,841,031, 7-1-58, Cl. 74—504.
- Young, Julius, and B. W. Colman. Flush panel crank construction, 2,842,010, 7-8-58, Cl. 74—504.
- Young, Kenneth W., to General Motors Corp. Electric switch, 2,849,548, 8-26-58, Cl. 200—6.
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- Young, Lonas S. Illuminated display device, 2,834,134, 5-13-58, Cl. 40—130.
- Young, Luther O.: *See—*
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- Young, Luther O., to W. R. Grace & Co. Silica gel flattening agent, method of preparing same, and composition containing same, 2,838,413, 6-10-58, Cl. 106—272.
- Young, Luther O., to W. R. Grace & Co. Method of preparing low density gels, 2,856,268, 10-14-58, Cl. 23—182.
- Young, Marvin P. Device to position a communications antenna, 2,830,292, 4-8-58, Cl. 343—117.
- Young, Maurice W., to Kunkle Valve Co. Valve construction, 2,834,372, 5-13-58, Cl. 137—478.
- Young, Michael R. P.: *See—*
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- Young, Modesto P. Body contour conforming and supporting device, 2,861,278, 11-25-58, Cl. 5—317.
- Young, Norman H., Jr., to International Telephone and Telegraph Corp. Radio communication within shielded enclosures, 2,866,088, 12-23-58, Cl. 250—6.
- Young, Paul M.: *See—*
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- Young Radiator Co.: *See—*
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- Young, Richard B. Model aeroplane adapted for travel on kite string, 2,833,497, 5-6-58, Cl. 244—155.
- Young, Richard B. Electrical space heater, 2,863,978, 12-9-58, Cl. 219—34.
- Young, Richard E. Filament wound hollow elements and methods for making same, 2,843,153, 7-15-58, Cl. 138—55.
- Young, Richard J., to International Business Machines Corp. Quick ribbon insert device, 2,854,121, 9-30-58, Cl. 197—151.
- Young, Richard J., to International Business Machines Corp. Toll biller control, 2,858,924, 11-4-58, Cl. 197—17.
- Young, Richard W., and M. J. Muller, to American Cyanamid Co. 5-sulfamyl-3-substituted-1,3,4-thiadiazole-2-ones, 2,820,792, 1-21-58, Cl. 260—306.7.
- Young, Richard W., and M. J. Muller, to American Cyanamid Co. 5-nitrosimino-4-substituted-3,4,1,3,4-thiadiazoline-2-sulfonamides, 2,820,793, 1-21-58, Cl. 260—306.8.
- Young, Richard W., and M. J. Muller, to American Cyanamid Co. 5-thiocarbamylimino-4-substituted-3,4,1,3,4-thiadiazoline-2-sulfonamides, 2,820,794, 1-21-58, Cl. 260—306.8.
- Young, Richard W., and K. H. Wood, to American Cyanamid Co. 5-sulfonylimino-4-substituted-3,4,1,3,4-thiadiazoline-2-sulfonamides, 2,820,795, 1-21-58, Cl. 260—306.8.
- Young, Sam H., and K. J. Carter, to American Locomotive Co., now by change of name to Alco Products, Inc. Method and apparatus for forming finned structures, 2,831,957, 4-22-58, Cl. 219—124.
- Young, Sidney G. Gear mechanisms, 2,842,976, 7-15-58, Cl. 74—425.
- Young, Sidney G. Socket connectors, 2,858,521, 10-28-58, Cl. 339—255.
- Young Spring & Wire Corp.: *See—*
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- Young, Stephen A. Waste control face plate assembly, 2,832,081, 4-29-58, Cl. 4—199.
- Young, Stephen A. Shower head, 2,850,328, 9-2-58, Cl. 299—141.
- Young, Vernon V., to Commercial Solvents Corp. Nitro and polyamines and a process for producing these amines, 2,864,863, 12-16-58, Cl. 260—563.
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- Oehler, William P., and Youngberg, 2,861,222.
- Oehler, William P., Youngberg, and Johnson, Re. 24,415.
- Youngberg, Joseph W. Toilet paper dispenser, 2,832,549, 4-29-58, Cl. 242—55.5.
- Youngberg, Walter K., to The H. B. Ives Co. Casement window operators, 2,832,590, 4-29-58, Cl. 268—104.
- Youngblood, George R. Garbage can stand, 2,842,328, 7-8-58, Cl. 248—156.
- Younger, Owen R. Radial door, 2,837,780, 6-10-58, Cl. 20—19.
- Younger, Owen R. Hangar door, 2,864,133, 12-16-58, Cl. 20—19.
- Younger Mfg. Co.: *See—*
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- Youngquist, Robertson, D. L. F., and H. S. Bell, Jr., to Thokol Chemical Corp. Fuel tank with expellent bag, 2,859,808, 11-11-58, Cl. 158—50.1.
- Youngquist, Vincent R., to Burroughs Corp. Bookkeeping pad assembly employing shingled strips, 2,840,393, 6-24-58, Cl. 282—22.
- Youngren, Milton D. Animated devices, 2,844,898, 7-29-58, Cl. 40—126.
- Younes, Delmar C., to Dow Corning Corp. Siloxane rubber glass cord tire, 2,827,099, 3-18-58, Cl. 152—359.
- Younes, Delmar C., to Dow Corning Corp. Method of making pressure-sensitive, unsupported, organosilicon rubber tape, 2,854,698, 10-7-58, Cl. 18—48.
- Youns, Homer S., to Reed Research, Inc. Force measuring apparatus, 2,832,581, 4-29-58, Cl. 264—1.
- Youngson, Charles R., and C. A. I. Goring, to The Dow Chemical Co. Fumigant compositions comprising 3-bromopropene and 1,2-dibromo-3-chloropropane, 2,849,361, 8-26-58, Cl. 167—39.
- Youngson, Charles R., and C. A. I. Goring, to The Dow Chemical Co. Fumigant compositions comprising 3-bromopropene and 1,3-dichloropropene, 2,849,362, 8-26-58, Cl. 167—39.
- Youngson, Charles R., and C. A. I. Goring, to The Dow Chemical Co. Fumigant compositions comprising 1,4-dichloro-2-butyne and 1,2-dibromo-3-chloropropane, 2,849,363, 8-26-58, Cl. 167—39.
- Youngson, Charles R., and C. A. I. Goring, to The Dow Chemical Co. Fumigant compositions comprising 1,4-dichloro-2-butyne and ethylene dibromide, 2,849,364, 8-26-58, Cl. 167—39.
- Youngson, Charles R., and C. A. I. Goring, to The Dow Chemical Co. Fumigant compositions comprising 1,4-dichloro-2-butyne and 3-bromopropene, 2,849,365, 8-26-58, Cl. 167—39.

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- Gurknecht, William J. 2,854,336.
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- Ashton, Albert A. 2,860,734.
- Ashton, Albert A. 2,864,240.
- Corsette, William T. 2,833,568.
- Haight, Laurence J., and Brown. 2,854,926.
- Hughes, Ardell. 2,834,575.
- Lodge, Joseph W. 2,843,512.
- Richardson, Eugene M. 2,821,698.
- Youngstown Steel Car Corp.: See—
- Easton, Franklin B. 2,859,046.
- Easton, Franklin B. 2,859,047.
- Chalmers, William M. 2,821,409.
- Chalmers, William M., and Easton. 2,865,649.
- Chalmers, William M., and Maharick. 2,865,650.
- Easton, Franklin B. 2,855,652.
- Youngstown Steel Door Co., The: See—
- Beauchamp, Wilfred A. 2,834,067.
- Beauchamp, Wilfred A. 2,866,634.
- Johansson, Carl E. 2,836,451.
- Johansson, Carl E. 2,837,040.
- Leonhart, Donald F. 2,864,322.
- Noble, Albert S. 2,828,994.
- Youngstown Welding & Engineering Co., The: See—
- Watson, Charles G. 2,835,783.
- Youngstrom, Leonard W., and L. W. Pearl. Water-closet combination. 2,845,632, 8-5-58, Cl. 4-14.
- Younkin, George W.: See—
- Hull, Robert E., Wallace, and Younkin. 2,858,493.
- Younkin, James R., to Collins Radio Co. Modulation-conversion switched servo control. 2,862,165, 11-25-58, Cl. 318-207.
- Yount, Stanley G. Wrapping means for articles of sheet form. 2,846,060, 8-5-58, Cl. 206-58.
- Youse, Earl L., to General Aniline & Film Corp. Low viscosity stabilized vat dye pastes. 2,852,331, 9-16-58, Cl. 8-34.
- Youthed, Sidney E., to J. S. & F. Folkard, Ltd. Means for jointing thermoplastic synthetic resin pipes, pipe fittings and the like. 2,860,372, 11-18-58, Cl. 18-1.
- Youtie, Robert K.: See—
- Levy, Hans F. 2,833,435.
- Youtie, Robert K. Fire alarms. 2,842,088, 7-8-58, Cl. 116-106.
- Youtz, Donald E.: See—
- Reimschuessel, Charles A., and Youtz. 2,848,726.
- Youtz, Philip N. Multi-story garage for storing automobiles. 2,830,714, 4-15-58, Cl. 214-16.1.
- Youtz, Philip N. Lift-slab floor-to-column connector. 2,863,313, 12-9-58, Cl. 72-1.
- Yragui, Simon J., to W. H. Lunardini. Control circuit for automatic steering devices. 2,862,169, 11-25-58, Cl. 318-489.
- Yuba Consolidated Industries, Inc.: See—
- Harris, Robert L., and Lothrop. 2,853,058.
- Yuenger, Robert L.: See—
- Ferris, Robert G., and Yuenger. 2,847,115.
- Yubas, Joseph, and J. V. Makar, deceased, by M. F. Makar, administratrix, to United States Steel Corp. Tuyere cooler. 2,830,806, 4-15-58, Cl. 266-41.
- Yurugi, Svojiro: See—
- Fujiwara, Motonori, Watanabe, Matsukawa, Yurugi, Iwatsu, and Kawasaki. 2,833,768.
- Yust, Venard E., and J. L. Bame, to Shell Development Co. Lead scavenger compositions. 2,819,156, 1-7-58, Cl. 44-69.
- Yust, Venard E., and J. L. Bame, to Shell Development Co. Lead scavenger compositions. 2,828,195, 3-25-58, Cl. 44-69.
- Yust, Venard E., and J. L. Bame, to Shell Development Co. Lead scavenger compositions. 2,841,480, 7-1-58, Cl. 44-63.
- Yust, Venard E., and J. L. Bame, to Shell Development Co. Anti-fouling compositions. 2,843,465, 7-15-58, Cl. 44-69.
- Yuter, Seymour C., to Underwood Corp. Component transfer tool. 2,853,772, 9-30-58, Cl. 29-278.
- Yutzy, Henry C., and H. R. Cowden, to Eastman Kodak Co. Transfer process of photographic printing. 2,843,485, 7-15-58, Cl. 96-76.
- Yutzy, Henry C., and A. W. Wise, to Eastman Kodak Co. Photographic emulsions and solutions containing silver salts of thioglycolic derivatives. 2,852,380, 9-16-58, Cl. 96-96.
- Zaalberg, Dick: See—
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- Zaba, Tadeusz, to Akt. Brown, Boveri & Cie. Multi-stage axial flow compressors. 2,846,136, 8-5-58, Cl. 230-122.
- Zabban, Walter, to A. F. Holden. Method of recovering cyanides from waste aqueous solutions containing metal cyanides. 2,845,330, 7-29-58, Cl. 23-79.
- Zabban, Walter, and R. W. Southworth, to A. F. Holden. Fingernail polish remover. 2,825,696, 3-4-58, Cl. 252-119.
- Zabel, Harold H., and D. S. W. Kelly, to Allen-Bradley Co. Heat dissipating electrical circuit component. 2,863,974, 12-9-58, Cl. 201-63.
- Zabloudil, Edward M. Cartridge gauge. 2,823,458, 2-18-58, Cl. 33-143.
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- Starnes, William C., and Zabor. 2,831,908.
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- Zabriskie, Douglas M., and W. F. Moore, to The Western Union Telegraph Co. Spindleless paper roll holder. 2,853,251, 9-23-58, Cl. 242-68.4.
- Zabriskie, Kenneth H., Jr., to The Sharples Corp. Centrifugal phase contactor. 2,819,014, 1-7-58, Cl. 233-15.
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- Slater, Robert, and Zach. 2,853,224.
- Zach, Julius J.: See—
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- Theodosopoulos, James, and Zack. 2,863,796.
- Wroblewski, Theodore, and Zack. 2,850,707.
- Zacker, Lawrence F. Tear strip for envelopes and other containers. 2,866,589, 12-30-58, Cl. 229-51.
- Zackheim, Eli A., to Johnson & Johnson. Dispensing bottles. 2,845,963, 8-5-58, Cl. 141-24.
- Zackheim, Eli A., to Johnson & Johnson. Multiple roll package. 2,860,773, 11-18-58, Cl. 206-65.
- Zacks, Florence B. Seat throws. 2,822,862, 2-11-58, Cl. 155-182.
- Zadek, Milton, and W. Ralsch, to Reflector-Hardware Corp. Counter partition and display apparatus. 2,820,684, 1-21-58, Cl. 312-140.3.
- Zadra, John R., to The Colorado Fuel & Iron Corp. High-silicon steel rails. 2,830,897, 4-15-58, Cl. 75-123.
- Zaenker, Frederick A., to The Cincinnati Butchers' Supply Co. Means for simultaneously cutting and cooking meat products. 2,864,302, 12-16-58, Cl. 99-348.
- Zaffarano, Daniel J., J. Weber, Jr., and W. A. Rhinehart, to United States of America, Atomic Energy Commission. Scanner for exposing and analyzing multi-channel film. 2,853,237, 9-23-58, Cl. 235-61.11.
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- Zahn, Harold E., to Gould-National Batteries, Inc. Storage battery past formulation. 2,841,631, 7-1-58, Cl. 136-26.
- Zahn, Harold E., to Gould-National Batteries, Inc. Electrode separator. 2,866,841, 12-30-58, Cl. 136-147.
- Zahn, Karl M., and H. E. Theodorides, to International Harvester Co. Gauge wheel mounting. 2,860,563, 11-18-58, Cl. 97-26.
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- Zahorski, Adam T., to Aerophysics Development Corp. Fastening device. 2,841,850, 7-8-58, Cl. 24-204.
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- Zakin, Lester, to The Holiday Line, Inc. Wading pools. 2,842,776, 7-15-58, Cl. 4-17-2.
- Zakon, Otto L. Method and apparatus for selective hair dyeing. 2,819,721, 1-14-58, Cl. 132-7.
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- Zaleski, John F., to General Precision Laboratory Inc. Microwave rotary joint. 2,830,276, 4-8-58, Cl. 333-98.
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- Zaleski, John F., to General Precision Laboratory Inc. Method and means for measuring relative velocity. 2,842,762, 7-8-58, Cl. 343-8.
- Zaleski, John F., to General Precision Laboratory Inc. Microwave modulator. 2,847,647, 8-12-58, Cl. 332-17.
- Zaleski, John F., to General Precision Laboratory Inc. Matching device for microwave shunt tee. 2,848,689, 8-19-58, Cl. 333-9.
- Zaleski, John F., to General Precision Laboratory Inc. Matching device for magic tee. 2,851,637, 9-30-58, Cl. 333-11.
- Zaleski, John F., to General Precision Laboratory Inc. Microwave energy orienter. 2,857,575, 10-21-58, Cl. 333-17.
- Zaleski, John F., to General Precision Laboratory Inc. Broad-band waveguide junction. 2,860,809, 11-11-58, Cl. 333-11.
- Zaleski, John F., to General Precision Laboratory Inc. Microwave antenna structure. 2,860,338, 11-11-58, Cl. 343-789.
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- Zaleski, John F., to General Precision Laboratory Inc. Microwave power divider. 2,866,166, 12-23-58, Cl. 333-9.
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- Zalewski, Wladyslaw. Grinding machines. 2,821,817, 2-4-58, Cl. 51-123.
- Zalkind, Albert M. Spelling device. 2,838,847, 6-17-58, Cl. 35-9.
- Zall, David M. Desiccant material. 2,842,223, 7-8-58, Cl. 183-4.
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- Zaller, Franz: *See*—
- Schmidt, Erich, F. and E. Zaller, Kammerl, Ross, and Schnegg. 2,859,236.
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- Zalocha, Stephen. Color screen for a cathode ray tube. 2,841,742, 7-1-58, Cl. 315-21.
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- Zebarth, Ralph S., to Gordon Johnson Equipment Co. Method of conveying poultry through processing equipment. 2,818,600, 1-7-58, Cl. 17-45.
- Zebarth, Ralph S., to Gordon Johnson Equipment Co. Method of processing poultry. 2,830,318, 4-15-58, Cl. 17-45.
- Zebarth, Ralph S., to Gordon Johnson Equipment Co. Hanger for endless conveyors. 2,830,694, 4-15-58, Cl. 198-177.
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- Zeigler, Albert H., to Armour and Co. Method for drying animal glue. 2,825,094, 3-4-58, Cl. 18-57.
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- Zelkind, Michael: *See*—
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- Zeller, Robert C., to The Zeller Corp. Balancing means for universal joint. 2,839,904, 6-24-58, Cl. 64-17.
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- Zellner, Hugo, to Jenaer Glaswerk Schott & Gen. Apparatus for bidistillation. 2,842,485, 7-8-58, Cl. 202-174.
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- Zellweger, Conrad, to La Nationale S. A. Liquefied gas lighters. 2,836,044, 5-27-58, Cl. 67-87.
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- Zelnigher, Joseph. Apparatus and method for preparation of artificial dentures. 2,865,102, 12-23-58, Cl. 32-32.
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- Zeltzer, Harry L., and L. A. Siemon. Binocular visual training device. 2,840,073, 6-24-58, Cl. 128-76.5.
- Zeman, Albert G., to McCulloch Motors Corp. Rigid retractable automobile top with automatic latching means. 2,856,231, 10-14-58, Cl. 296-117.
- Zemlin, John C., and C. K. Tabata, to Rayette, Inc. Decolorized detergents and method of manufacture. 2,846,457, 8-5-58, Cl. 260-400.
- Zemrowski, Edmund A. Tenon cutting tool. 2,848,020, 8-19-58, Cl. 142-56.
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- Zenner, George H., and R. W. Houvener, to Union Carbide Corp. Lubrication of heat regenerator packing material. 2,841,368, 7-1-58, Cl. 257-6.
- Zenner, George H., and V. Hvoschinsky, to Union Carbide Corp. Cooling air preparatory to low temperature rectification. 2,863,294, 12-9-58, Cl. 62-13.
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- Zella, Mario N., and W. S. Bobel, to Pittsburgh Plate Glass Co. Multiple glazed units. 2,838,809, 6-17-58, Cl. 20-56.5.
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- Zerbel, George H., to Daisy Mfg. Co. Toy holster set. 2,838,219, 6-10-58, Cl. 224-2.
- Zerhan, Peter, Jr., to General Motors Corp. Bumper exhaust. 2,854,278, 9-30-58, Cl. 293-69.
- Zerigan, Peter, to The Calidyne Co., Inc. Vibration generator. 2,846,598, 8-5-58, Cl. 310-27.
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- Zern, Warren B. Saw with gauge support. 2,836,209, 5-27-58, Cl. 145-35.
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- Zerunieth, Rudolph E. Control mechanism. 2,854,837, 10-7-58, Cl. 66-154.
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- Ziccardi, John J., 50% to W. B. Jaspert. Protective devices for passengers in moving vehicles. 2,850,291, 9-2-58, Cl. 280-150.
- Zick, Leonard P., and H. C. Boardman, to Chicago Bridge & Iron Co. Wall structure. 2,820,568, 1-21-58, Cl. 220-22.
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- Zickendraht, Christian, to Ciba Ltd. Water-insoluble dyestuffs. 2,865,910, 12-23-58, Cl. 260-147.
- Zickendraht, Christian, and A. Buehler, to Ciba Ltd. Cobaltiferous azo-dyestuffs. 2,820,784, 1-21-58, Cl. 260-151.
- Zickendraht, Christian, and A. Fasciati, to Ciba Ltd. Metaliferous azo-dyestuffs. 2,832,760, 4-29-58, Cl. 260-145.
- Zickendraht, Christian, and A. Fasciati, to Ciba Ltd. Mono-azo dyestuffs and complex metal compounds thereof. 2,832,762, 4-29-58, Cl. 269-147.
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- Ziebarth, Benjamin A. Hand truck. 2,856,195, 10-14-58, Cl. 280-47.2.
- Ziebell, Theodore R., to The Cottrell Co. Printing plate tension book. 2,859,693, 11-11-58, Cl. 101-378.
- Zieche, Paul. Emergency latch release for refrigerator structure. 2,830,547, 4-15-58, Cl. 109-63.5.
- Ziegelmeier, Lynn J. Hydraulically operated motor and control means therefor. 2,864,342, 12-16-58, Cl. 121-130.
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- Ziehmer, George P., Jr., to American Can Co. Coupling device for containers. 2,845,174, 7-29-58, Cl. 206-65.
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- Zies, Carl W., to International Basic Economy Corp. Valve actuating mechanism. 2,827,078, 3-18-58, Cl. 137-633.
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- Zifferer, Lothar R. Trimming device for lawns and hedges. 2,848,808, 8-26-58, Cl. 30-124.
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- Zilk, Carl S. Nozzle construction. 2,820,675, 1-21-58, Cl. 299-141.
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- Zillman, Jack H., and H. M. Steele, Jr., $\frac{1}{2}$ to A. Deutsch, $\frac{1}{2}$ to L. and $\frac{1}{2}$ to B. Weingart. Fuel burning reaction motor powered hydraulic and electric power unit. 2,865,168, 12-23-58, Cl. 60-39.14.
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- Zimmer, John S., to General Electric Co. Circuit controlling device. 2,856,485, 10-14-58, Cl. 200-104.
- Zimmer, Paul F. E., to Masonite Corp. Fixture for attachment to perforated board. 2,859,008, 11-4-58, Cl. 248-223.
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- Zimmerman, Donald G., to General Motors Corp. Turbine bucket and liner. 2,859,011, 11-4-58, Cl. 253-39.15.
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- Zurn Industries, Inc.: *See*—
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- Zurn, J. A., Mfg. Co.: *See*—
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- Doman, Donald W., to The Parker Pen Co. Desk set base. 183,829, 11-4-58, Cl. D74-1.
- Doman, Donald W., and W. I. Bieger, to The Parker Pen Co. Desk base for a writing instrument or the like. 183,207, 7-15-58, Cl. D74-1.
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- Dube, Alfred, to Stetson China Co. Plate or similar article. 184,087, 12-16-58, Cl. D44-15.
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- Feistel, Robert B., Jr., to W. H. Stewart Co. Combined bench and kneeling rail. 183,481, 9-9-58, Cl. D15-8.
- Felcan, August. Combined lavatory and vanity. 184,171, 12-30-58, Cl. D4-2.
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- Fennessey, James P. Outboard motor boat. 182,228, 3-4-58, Cl. D71-1.
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- Ferar, Montgomery, to Whirlpool Corp. Washing machine or similar article. 182,887, 5-27-58, Cl. D49-1.
- Ferar, Montgomery, to Whirlpool Corp. Combined top and rear control panel for a washing machine or similar article. 183,565, 9-23-58, Cl. D49-1.
- Ferar, Montgomery, to Whirlpool Corp. Control panel for a washing machine or similar article. 183,603, 9-30-58, Cl. D49-1.
- Ferar, Montgomery, to Whirlpool Corp. Handle. 184,124, 12-23-58, Cl. D10-8.
- Ferar, Montgomery, to Whirlpool Corp. Refrigerator door. 184,125, 12-23-58, Cl. D67-3.
- Ferguson, Leslie W. Rifle rack. 183,420, 8-26-58, Cl. D33-3.
- Ferguson, Ruth R. Wheeled hand cart. 182,716, 5-6-58, Cl. D14-3.
- Ferman, Harry. Combination television antenna and lamp. 182,229, 3-4-58, Cl. D48-20.
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- Fetty, Warren N., and A. K. Melin. Pistol. 182,066, 2-11-58, Cl. D30-1.
- Fliand, Ronald M., and R. E. Hennen, to Globe-Union Inc. Storage battery case. 182,109, 2-18-58, Cl. D26-6.
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- Fincher, Edna E. Plate for passover service. 182,650, 4-29-58, Cl. D44-15.
- Fink, Robert R., to The Kawneer Co. Push handle. 182,170, 2-25-58, Cl. D10-8.
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- Forsberg, Harold S., 1/2 to L. V. Volo, 1/2 to N. A. Forsberg, and 1/2 to B. H. Streff. Portable power driven reciprocating hand saw. 183,834, 11-4-58, Cl. D93-3.
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- Frederickson, Harold, to Lactona Inc. Foldable brush. 182,580, 4-22-58, Cl. D9-2.
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- Frey, Louis E. Twin sofa bed and table unit. 182,995, 6-10-58, Cl. D5-4.
- Frey, Louis E. Twin sofa bed and table unit. 182,996, 6-10-58, Cl. D5-4.
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- Furlani, Walter, and M. F. Davis, Jr., to International Business Machines Corp. Card collator. 183,925, 11-18-58, Cl. D26-5.
- Furlani, Walter, W. H. Harkins, and L. H. Sedaris, to International Business Machines Corp. Computer keyboard. 183,926, 11-18-58, Cl. D26-5.
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- Gaston, Raymond C., to The Chas. Wm. Doepke Mfg. Co., Inc. Child's marble game apparatus. 183,649, 10-7-58, Cl. D34-15.
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- Glass, Henry P. Reclining chair. 182,804, 5-20-58, Cl. D15-1.
- Glass, Henry P. Reclining chair. 182,805, 5-20-58, Cl. D15-1.
- Glass, Henry P., to Morley Furniture Corp. Sofa. 183,605, 9-30-58, Cl. D15-11.
- Glass, Henry P., to The Hale Co. Chair. 183,606, 9-30-58, Cl. D15-1.
- Glass, Henry P., to Astra Bent Wood Furniture Co. Chair. 183,607, 9-30-58, Cl. D15-1.
- Glass, Marvin I.: *See*—
- McFarland, Norman T. 182,916.
- Glass, Marvin I. Hat. 182,999, 6-10-58, Cl. D3-13.
- Glazer, Irving D. Bottle carrier. 183,000, 6-10-58, Cl. D58-5.
- Gleaves, Donald L., and R. H. Slowinski, to National Gypsum Co. Acoustical correction tile. 183,566, 9-23-58, Cl. D18-2.
- Gleich, Sydney H., and M. S. Landau, to International Latex Corp. Clothes hanger. 182,023, 2-4-58, Cl. D80-8.
- Gleitsman, Harold, and C. Fuerst, to Gleitsman's, Inc. Waste receptacle or similar article. 182,806, 5-20-58, Cl. D58-17.
- Gleitsman, Harold, and C. Fuerst, to Gleitsman's, Inc. Cabinet or similar article. 183,513, 9-16-58, Cl. D33-19.
- Gleitsman, Harold, and C. Fuerst, to Gleitsman's, Inc. Clothes hamper or similar article. 183,734, 10-21-58, Cl. D58-4.
- Gleitsman's, Inc.: *See*—
- Gleitsman, Harold, and Fuerst. 182,806.
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- Glickman, Philip. Game board. 183,514, 9-16-58, Cl. D34-5.
- Globe-Union Inc.: *See*—
- Piandt, Ronald M., and Hennen. 182,109.
- Glowacke, Edward E., to General Motors Corp. Fender for an automobile. 182,176, 2-25-58, Cl. D14-6.
- Glowacke, Edward E., to General Motors Corp. Top well cover. 183,044, 6-17-58, Cl. D14-27.
- Glowacke, Edward E., to General Motors Corp. Automobile grille unit or the like. 183,688, 10-14-58, Cl. D54-2.
- Glowacke, Edward E., and D. R. Hollis, to General Motors Corp. Wheel cover. 182,807, 5-20-58, Cl. D14-30.
- Gluyas, George L.: *See*—
- Begin, Leon F., Jr., Gasich, Gluyas, Katkov, Nitikman, and Ogness. 183,675.
- Glynn, James E. Goblet. 183,122, 7-1-58, Cl. D36-8.
- Godfrey, Henry R. Billfold. 183,795, 10-28-58, Cl. D87-3.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 181,847, 1-7-57, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 181,970, 1-28-58, Cl. D92-1.
- Goldberg, Ernest W., to Minneapolis-Honeywell Regulator Co. Slide projector. 182,534, 4-22-58, Cl. 61-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,279, 3-11-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,280, 3-11-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,281, 3-11-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,282, 3-11-58, Cl. D92-1.
- Goforth, Henry E. Puffed textile fabric. 182,283, 3-11-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,656, 4-29-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,765, 5-13-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,808, 5-20-58, Cl. 92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,809, 5-20-58, Cl. 92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,810, 5-20-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,811, 5-20-58, Cl. 92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,812, 5-20-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 182,890, 5-27-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 183,689, 10-14-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 183,735, 10-21-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 183,736, 10-21-58, Cl. D92-1.
- Goforth, Henry E., to United States Rubber Co. Puffed textile fabric. 183,737, 10-21-58, Cl. D92-1.
- Goforth, Henry E., and C. R. Howell, to United States Rubber Co. Puffed textile fabric. 183,123, 7-1-58, Cl. D92-1.
- Goforth, Henry E., and C. R. Howell, to United States Rubber Co. Puffed textile fabric. 183,738, 10-21-58, Cl. D92-1.
- Goit, Kenneth E. Subsoil cultivator. 181,907, 1-14-58, Cl. D39-1.
- Goldberg, Ernest W., to Minneapolis-Honeywell Regulator Co. Slide projector case. 182,583, 4-22-58, Cl. D61-1.
- Goldberg, Ernest W., to Minneapolis-Honeywell Regulator Co. Slide projector. 182,584, 4-22-58, Cl. D61-1.
- Goldberg, Stanley J., to Aerosol Research Co. Closure cap. 183,424, 8-26-58, Cl. D58-26.
- Golden, Sanford S. Deck chair or similar article. 182,177, 2-25-58, Cl. D15-11.
- Golden, Sanford S. Wheel chair. 182,178, 2-25-58, Cl. D15-11.
- Golden, Sanford S., and N. G. Stasinos; said Stasinos assor. to said Golden. Transportation seat or similar article. 182,813, 5-20-58, Cl. D15-11.
- Goldman, Mildred. Charm or the like. 183,344, 8-12-58, Cl. D45-17.
- Goldman, Neal. Display case for wallets and similar articles. 182,585, 4-22-58, Cl. D80-11.
- Goldman, Percy. Fire alarm device. 181,848, 1-7-58, Cl. D72-1.
- Goldner, Max H. Apron or the like. 184,126, 12-23-58, Cl. D3-26.
- Goldsmith, Emily R.: *See*—
- Fitch, Milton C. 183,833.
- Goldstein, Charles. Coat. 183,485, 9-9-58, Cl. D3-4.
- Goldstein, Daniel, to Schenley Industries, Inc. Bottle or similar article. 181,971, 1-28-58, Cl. D58-6.
- Goldstein, Daniel, to Schenley Industries, Inc. Bank bottle. 182,068, 2-11-58, Cl. D34-11.
- Goldstein, Martin S., to The Virginia Art Goods Studios, Inc. Child's handbag. 182,586, 4-22-58, Cl. D87-3.
- Golz, Herbert: *See*—
- Wells, James G., and Golz. 182,010.
- Wells, James G., and Golz. 182,151.
- Wells, James G., and Golz. 182,263.
- Wells, James G., and Golz. 183,435.
- Wells, James G., and Golz. 183,436.
- Wells, James G., and Golz. 183,549.
- Gomersall, John R., to McGraw-Edison Co. Combined panel and drawer pull for a food warmer or the like. 183,739, 10-21-58, Cl. D10-8.
- Gondeck, James F. Fish lure. 182,891, 5-27-58, Cl. D31-4.
- Goode, Robert W.: *See*—
- Petersen, Gerald A. M., Goode, and Selleck. 182,685.
- Goodman, Herman, to Zylite Products Co., Inc. Temple for an eyeglass frame. 181,972, 1-28-58, Cl. D57-1.
- Goodrich, B. F., Co. The: *See*—
- Billingsley, William F. 184,035.
- Herzogh, Frank. 183,741.
- Platte, Walter J. 183,062.
- Goodworth, William H., to Peerless Accessories Co. Rear view mirror. 181,926, 1-21-58, Cl. D14-6.
- Goodyear Tire & Rubber Co. The: *See*—
- Klotz, Milton A. 184,058.
- Palko, Andrew J. 182,340.
- Wilson, Melvin A. 182,941.
- Gordon, Bruce B., and E. W. Kimmig, to Continental Can Co., Inc. Shoe polish container. 181,973, 1-28-58, Cl. D58-11.
- Gordon, Ralph S. Combined bell rattle and fork or similar article. 183,883, 11-11-58, Cl. D54-12.
- Gore, Alexander H. Combination hair brush and comb. 183,167, 7-8-58, Cl. D86-8.
- Gottlieb, Richard A. Movable utility freezer cart. 183,345, 8-12-58, Cl. D14-3.
- Gould, Allan. Chair. 183,455, 9-2-58, Cl. D15-1.
- Gould, Richard J. Combined ball holder, and upper plate for a tennis racket press. 182,892, 5-27-58, Cl. D34-5.
- Goundie, George H., and H. C. Schroedter, to Creative Playstructures, Inc. Playground canopy. 183,486, 9-9-58, Cl. D34-15.
- Gowl, Wade H., to American Trailer Co., Inc. School trailer. 181,849, 1-7-58, Cl. D14-3.
- Graafsma, Richard S., and C. R. Myers, to Auto Specialties Mfg. Co. Vehicle end lift jack. 184,009, 12-2-58, Cl. D41-1.

- Grafton, George, Jr. Mail box. 184,051, 12-9-58, Cl. D74-9.
- Graham, Luell M., to Bell Aircraft Corp. Helicopter. 181,850, 1-7-58, Cl. D71-1.
- Graham, Robert. Combination holder and carrier for milk bottles or the like. 183,690, 10-14-58, Cl. D58-5.
- Grahn, Edwin G., to General Motors Corp. Refrigerator cabinet. 183,307, 8-5-58, Cl. D67-3.
- Grant, Janice S., to Royal McBee Corp. Narrow tape robotyper. 182,814, 5-20-58, Cl. D26-5.
- Grasmehr, Donald W., to Whirlpool Corp. Heat venting accessory for a clothes dryer or the like. 183,308, 8-5-58, Cl. D49-1.
- Graupensperger, Iva E., to James Industries, Inc. Toy seal. 182,179, 2-25-58, Cl. D34-2.
- Gray, Harry Z. Cleaning sponge. 182,116, 2-18-58, Cl. D9-2.
- Gray, Robert C., and H. A. Greene, to Remler Co., Ltd. Telephone receiver amplifying device. 181,927, 1-21-58, Cl. D26-14.
- Grebrow, Wolfe. Shopping cart. 182,180, 2-25-58, Cl. D14-3.
- Green, Joseph. Swiss bell ringing toy. 182,069, 2-11-58, Cl. D34-15.
- Green, Moses. Prayer shawl. 184,173, 12-30-58, Cl. D3-16.
- Green, Robert F., to Armstrong Cork Co. Ceiling tile or the like. 183,256, 7-22-58, Cl. D18-2.
- Greenberg, Harry R. Bar stool or similar article. 182,024, 2-4-58, Cl. D15-8.
- Greenblatt, Morris. Combination coin and razor blade holder, or similar article. 184,010, 12-2-58, Cl. D58-26.
- Greene, Harry A.: *See*—
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- Greene, Norman A. Bubble making figure toy. 182,587, 4-22-58, Cl. D34-2.
- Greenly, John A., to Norris Dispensers, Inc. Beverage vending machine. 182,583, 4-22-58, Cl. D52-3.
- Greitzer, Meyer. Handle or similar article. 183,608, 9-30-58, Cl. D10-8.
- Grinberg, Leonard. Embroidered nylon fabric or similar article. 184,089, 12-16-58, Cl. D92-1.
- Grobman, Allen. Telephone sterilizing attachment. 182,230, 3-4-58, Cl. D26-14.
- Grobman, Allen. Telephone sterilizing attachment. 182,231, 3-4-58, Cl. D26-14.
- Groleau, Pauline, nee Gagnon. Window ventilator. 182,025, 2-4-58, Cl. D62-4.
- Gross, Abraham R., to Hoover Mfg. and Sales Co. Dress. 182,657, 4-29-58, Cl. D3-26.
- Grossmann, John R., and J. A. Thompson. Ice tongs. 182,334, 3-18-58, Cl. D54-11.
- Grover, Charles F., to R. D. Werner Co. Inc. Ladder or the like. 183,691, 10-14-58, Cl. D15-8.
- Grow, Beatrice D. Portable cleaning cart. 183,425, 8-26-58, Cl. D14-3.
- Grundig, Max: *See*—
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- Guenther, Harold E.: *See*—
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- Guld, Lurelle V. A., to Electrolux Corp. Air motor for a floor polisher or similar article. 182,589, 4-22-58, Cl. D9-2.
- Guld, Lurelle V. A., to Electrolux Corp. Air-driven floor polisher attachment or similar article. 182,658, 4-29-58, Cl. D9-2.
- Guild Crest Corp. of America: *See*—
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- Gullixson, Harold R. Phonograph record holder or the like. 182,953, 6-3-58, Cl. D33-3.
- Gullixson, Harold R. Record locator. 183,045, 6-17-58, Cl. D33-3.
- Gundelfinger, William E., to The Dazey Corp. Electrically powered churn. 183,652, 10-7-58, Cl. D23-1.
- Gunn, Paul C., to Loma Plastics, Inc. Baby bath. 184,127, 12-23-58, Cl. D4-4.
- Gurnsey, Frank N. Game board. 181,974, 1-28-58, Cl. D34-5.
- Guss, Louis F. Manually operable object propelling amusement device. 183,966, 11-25-58, Cl. D34-15.
- Gutz, Raymond T., to True Temper Corp. Tool holder. 182,718, 5-6-58, Cl. D80-10.
- H. & M. Mfg. Co., Inc.: *See*—
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- Haarman, Donald W. Hair dryer. 182,117, 2-18-58, Cl. D86-10.
- Haas, Joseph D., to Southern Woodworking Co. Chair. 182,181, 2-25-58, Cl. D15-1.
- Hack, Edward, to Flip Ltd. Combined bottle and cap or similar article. 182,719, 5-6-58, Cl. D58-9.
- Hack, Edward, to Flip Ltd. Combined bottle and cap or similar article. 183,309, 8-5-58, Cl. D58-9.
- Hack, Edward, to Flip Ltd. Combined bottle and cap or similar article. 183,310, 8-5-58, Cl. D58-9.
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- Hagan, Albert W., to Roy S. Sanford & Co. Box for powdered materials. 183,516, 9-16-58, Cl. D58-12.
- Hagan, Albert W., to Roy S. Sanford & Co. Box for powdered materials. 183,567, 9-23-58, Cl. D58-12.
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- Hahn, Robert J., to Hahn Originals. Dish. 184,052, 12-9-58, Cl. D44-15.
- Hail, Alice L.: *See*—
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- Hail, Robert L. and A. L. High chair. 181,975, 1-28-58, Cl. D15-1.
- Hale Co., The: *See*—
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- Keck, Henry C., Hale, and Roe. 183,573.
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- Hall, Hugh J., to Varian Associates. Laboratory electromagnet. 182,815, 5-20-58, Cl. D26-1.
- Hall, Ralph S. Broom. 182,659, 4-29-58, Cl. D9-2.
- Hall, Tate J. Laundry drop box. 184,128, 12-23-58, Cl. D58-4.
- Halpern, Joseph. Two piece hair ornament. 182,232, 3-4-58, Cl. D86-10.
- Halpert, Abby. Aquarium filter or the like. 183,884, 11-11-58, Cl. D91-2.
- Hambrie, Imogene. Hair ornament. 183,654, 10-7-58, Cl. D86-8.
- Hamilton, Earl F., to Hamilton Mfg. Corp. Chair. 183,740, 10-21-58, Cl. D15-1.
- Hamilton, John J., to Westinghouse Electric Corp. Food mixer. 184,090, 12-16-58, Cl. D44-1.
- Hamilton Mfg. Co.: *See*—
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- Hamilton, Earl F. 183,740.
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- Hammond, Robert R., to Standard Glass Products. Boat. 183,927, 11-18-58, Cl. D71-1.
- Hampshire, John C. Casserole or similar article. 183,124, 7-1-58, Cl. D44-1.
- Hana, Norman A., to Hek Mfg. Co. Dental chair seat. 182,954, 6-3-58, Cl. D15-3.
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- Handzlik, Walter J., Jr., to Lyon Inc. Golf club head. 183,091, 6-24-58, Cl. D34-5.
- Handzlik, Walter J., Jr., to Lyon Inc. Golf club head. 183,092, 6-24-58, Cl. D34-5.
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- Hansen, Val. Bird gymnasium. 183,655, 10-7-58, Cl. D31-2.
- Harben, William C., to Vacuum Grip Cover Co., Inc. Cleaning rack for fender covers or the like. 182,720, 5-6-58, Cl. D9-2.
- Hardesty, Frederick L. Electric megaphone. 183,279, 7-29-58, Cl. D26-14.
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- Hardy, William H. Jewel box. 182,766, 5-13-58, Cl. D86-9.
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- Furlani, Walter, Harkins, and Sedaris. 183,926.
- Harkins, William H., J. W. Stringer, and W. Furlani, to International Business Machines Corp. Time punch. 183,517, 9-16-58, Cl. D64-11.
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- Harman, Emil I., to Philco Corp. Television receiver. 184,053, 12-9-58, Cl. D56-4.
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- Hauser, Jon W., to Glaser-Steers Corp. Automatic record changer. 183,347, 8-12-58, Cl. D26-14.
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- Heitler, Emmett H., to Shwayder Bros., Inc. Hat box or similar article. 182,412, 4-1-58, Cl. D87-5.
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Hana, Norman A. 182,955.
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- Henderson, Blanche R., and H. L. Morrill, Jr., to Norris, Inc. Candy box. 183,456, 9-2-58, Cl. D58-11.
- Henderson, Eldon C. Shoe lace fastener. 182,071, 2-11-58, Cl. D17-1.
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- Herschell, George C. Collapsible rocking chair. 182,182, 2-25-58, Cl. D15-6.
- Herschell, George C. Collapsible chair. 182,183, 2-25-58, Cl. D15-1.
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- Hertzler, Frederick W., to Sylvania Electric Products Inc. Camera lens mount. 181,908, 1-14-58, Cl. D61-1.
- Herzogh, Frank, to The B. F. Goodrich Co. Tire. 183,741, 10-21-58, Cl. D90-20.
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- Hesse, Edward L. Protective cover for a shirt. 183,095, 6-24-58, Cl. D58-12.
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- Kaehn, Frank E., to Sharmel of Miami. Chair. 182,901, 5-27-58, Cl. D15-11.
- Kaeser, Arthur L. Riding power lawn mower. 183,003, 6-10-58, Cl. D40-1.
- Kahn, David, to David Kahn, Inc. Writing instrument. 183,696, 10-14-58, Cl. D74-17.
- Kahn, David, Inc.: See—
- Kahn, David. 183,696.
- Yates, Stevens G. 182,866.
- Kahney, Jack D., to United States Rubber Co. Textile fabric. 183,930, 11-18-58, Cl. D92-1.
- Kaiser, Fred. Combined door lock and escutcheon plate. 184,014, 12-2-58, Cl. D10-8.
- Kaliski, Martell J. Massager. 182,123, 2-18-58, Cl. D83-1.
- Kalla, Erwin, to Reliable Luggage, Inc. Lock for luggage cases and the like. 182,466, 4-8-58, Cl. D50-7.
- Kalla, Erwin, to Reliable Luggage, Inc. Lock for luggage cases and the like. 182,467, 4-8-58, Cl. D50-7.
- Kalla, Erwin, to Reliable Luggage, Inc. Key for luggage locks. 182,468, 4-8-58, Cl. D50-4.
- Kalla, Erwin, to Reliable Luggage, Inc. Luggage case. 182,469, 4-8-58, Cl. D87-5.
- Kalla, Erwin, to Reliable Luggage, Inc. Hinge for luggage units. 183,130, 7-1-58, Cl. D10-9.
- Kalla, Erwin, to Reliable Luggage, Inc. Luggage handle. 183,988, 11-25-58, Cl. D87-2.

- Kallmeyer, Erich. Sphygmomanometer. 183,051, 6-17-58, Cl. D83—1.
- Kamarad, Frank J. Knife sheath holder for a belt. 181,930, 1-21-58, Cl. D22—6.
- Kamerabau-Anstalt: *See*—Schmuck, Peter. 182,384.
- Kamlukin, Igor, and N. Rhoades, to Simplicity Mfg. Co. Combined riding tractor and power mower. 181,857, 1-7-58, Cl. D14—3.
- Kamp, Bruce, to The Astatic Corp. Microphone casing. 182,820, 5-20-58, Cl. D26—14.
- Kanzelberger, Claude G.: *See*—Paulsen, Paul L., and Kanzelberger. 183,860.
- Kaplan, Herman L. Scissors. 183,391, 8-19-58, Cl. D22—5.
- Kariby, Hennig: *See*—Newbury, Amos B., and Kariby. 183,015.
- Karos, Nicholas. Advertising display. 183,316, 8-5-58, Cl. D1—12.
- Kartveli, Alexander, to Republic Aviation Corp. Airplane. 181,858, 1-7-58, Cl. D71—1.
- Kartveli, Alexander, to Republic Aviation Corp. Airplane. 182,597, 4-22-58, Cl. D71—1.
- Kather, Alfred C. Tethered ball game apparatus. 182,962, 6-3-58, Cl. D34—15.
- Kather, Alfred C. Tethered ball toy. 183,131, 7-1-58, Cl. D34—15.
- Katkov, Robert B.: *See*—Begin, Leon F., Jr., Gasich, Gluyas, Katkov, Nitikman, and Ongness. 183,675.
- Katz, Adolph. Jewelry stone finding or similar article. 181,909, 1-14-58, Cl. D45—1.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 183,931, 11-18-58, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Earring or the like. 183,932, 11-18-58, Cl. D45—9.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or the like. 183,933, 11-18-58, Cl. D45—4.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 183,934, 11-18-58, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Earring or the like. 183,935, 11-18-58, Cl. D45—9.
- Katz, Adolph, to Coro, Inc. Earring or the like. 183,936, 11-18-58, Cl. D45—9.
- Katz, Adolph, to Coro, Inc. Earring or the like. 183,937, 11-18-58, Cl. D45—9.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or the like. 183,938, 11-18-58, Cl. D45—4.
- Kaufman, Samuel J. Combined clock and cigarette lighter. 183,132, 7-1-58, Cl. D42—7.
- Kaufmann, Alfred W. Fountain. 182,724, 5-6-58, Cl. D91—4.
- Kaufmann, Alfred W. Fountain. 182,725, 5-6-58, Cl. D91—4.
- Kautz, John. Coping block for swimming pool. 183,317, 8-5-58, Cl. D18—2.
- Kawneer Co., The: *See*—Pink, Robert R. 182,170.
- Schwind, Paul J. 183,771.
- Kay, Samuel, and A. O. Cormier. Sock. 182,236, 3-4-58, Cl. D47—7.
- Kaye, Bess. Pinafore. 182,726, 5-6-58, Cl. D3—26.
- Kaye, Bess. Lobster fork. 183,525, 9-16-58, Cl. D54—12.
- Kaye, Bess. Cover for electric kitchen utensils. 181,056, 12-9-58, Cl. D81—10.
- Kearn, Joseph J. Box for storing and preserving garments or similar articles. 184,057, 12-9-58, Cl. D58—12.6.
- Kearney, Anthony L., and A. P. Magnani. Trim block. 182,124, 2-18-58, Cl. D18—2.
- Keast, Alfred H. Combined dial face and hands for a game timing clock. 183,526, 9-16-58, Cl. D42—1.
- Keats, Charles B. Game board. 183,841, 11-4-58, Cl. D34—5.
- Keck, Henry C., B. M. Craig, and T. K. Hale, to Dispensers, Inc. Fluid dispenser. 183,350, 8-12-58, Cl. D44—21.
- Keck, Henry C., T. K. Hale, and N. E. Roe, to Harrah's Club. Booth, or similar article. 183,572, 9-23-58, Cl. D13—1.
- Keck, Henry C., T. K. Hale, and N. E. Roe, to Harrah's Club. Booth, or similar article. 183,573, 9-23-58, Cl. D13—1.
- Keljik, Heranoush. Christmas ornament or similar article. 183,351, 8-12-58, Cl. D29—1.
- Kelley, George H., to Evans Products Co. Shock absorber assembly for a bicycle or the like. 182,821, 5-20-58, Cl. D90—9.
- Kemph, James E. Combination ironing board and stepstool. 182,902, 5-27-58, Cl. D15—8.
- Kempner, Alan H., Jr. Combined table and seat unit. 182,822, 5-20-58, Cl. D33—14.
- Kenitz, Jack E., to Chrysler Corp. Ornament for an automobile fender. 183,527, 9-16-58, Cl. D14—18.
- Kenitz, Jack E., to Chrysler Corp. Automobile tail lamp unit. 183,745, 10-21-58, Cl. D48—32.
- Kenitz, Jack E., and R. F. Baird, to Chrysler Corp. Combined bumper, grille and lamp unit for an automobile. 182,470, 4-8-58, Cl. D14—18.
- Kenmar Mfg. Co., The: *See*—Maurer, Fred C. 183,286.
- Maurer, Fred C. 183,287.
- Kent, Elizabeth S., to Scovill Mfg. Co. Boat handle or similar article. 182,823, 5-20-58, Cl. D71—1.
- Kent, Elizabeth S., to Scovill Mfg. Co. Boat cleat or similar article. 182,824, 5-20-58, Cl. D71—1.
- Kent, Elizabeth S., to Scovill Mfg. Co. Lipstick container. 183,746, 10-21-58, Cl. D86—10.
- Kent, Elizabeth S., to Scovill Mfg. Co. Lipstick container. 183,747, 10-21-58, Cl. D86—10.
- Kent, Elizabeth S., to Scovill Mfg. Co. Lipstick container. 183,748, 10-21-58, Cl. D86—10.
- Kent, Elizabeth S., to Scovill Mfg. Co. Lipstick container. 183,749, 10-21-58, Cl. D86—10.
- Kent, Elizabeth S., to Scovill Mfg. Co. Lipstick container. 183,750, 10-21-58, Cl. D86—10.
- Kent, Elizabeth S., to Scovill Mfg. Co. Lipstick container. 183,751, 10-21-58, Cl. D86—10.
- Kerkovius, Ruth, to Chicopee Mills, Inc. Puffed textile fabric. 182,903, 5-27-58, Cl. D92—1.
- Kerkovius, Ruth, to Chicopee Mills, Inc. Puffed textile fabric. 182,904, 5-27-58, Cl. D92—1.
- Kerkovius, Ruth, to Chicopee Mills, Inc. Puffed textile fabric. 182,905, 5-27-58, Cl. D92—1.
- Kerkovius, Ruth, to Chicopee Mills, Inc. Puffed textile fabric. 182,963, 6-3-58, Cl. D92—1.
- Kerkovius, Ruth, to Chicopee Mills, Inc. Textile fabric. 183,614, 9-30-58, Cl. D92—1.
- Kermes, Constantine J., E. B. Nolt, J. W. McDuffie, and O. W. Luek, to Sperry Rand Corp. Hay baler. 182,287, 3-11-58, Cl. D40—1.
- Kernicki, Walter. Fish cleaning tool. 183,392, 8-19-58, Cl. D31—4.
- Kerr, Roger B.: *See*—Baldwin, Walter A., and Kerr. 182,155.
- Kerr, Roger B., and W. A. Baldwin, to General Electric Co. Exposure meter. 183,218, 7-15-58, Cl. D61—1.
- Keudell & Esser Co.: *See*—Caruso, Joseph. 182,165.
- Kevoorkian, Joseph D., to Advance Specialties Co. Inc. Bottle sterilizing rack. 183,393, 8-19-58, Cl. D44—29.
- Keyes Fibre Co.: *See*—Despres, Urban H. 183,877.
- Raymond, Horace W. 182,040.
- Raymond, Horace W. 182,620.
- Raymond, Horace W. 183,370.
- Shepard, Ernest L. 183,900.
- Kidde Textile Machinery Corp.: *See*—Werry, John A. 182,556.
- Kidde, Walter, & Co., Inc.: *See*—Hose, Robert H., and Payne. 181,854.
- Kiddon, Gene R., to Ford Motor Co. Motor vehicle instrument panel. 182,417, 4-1-58, Cl. D14—6.
- Kiddon, Gene R., to Ford Motor Co. Motor vehicle instrument panel. 182,598, 4-22-58, Cl. D14—6.
- Kiekhæfer, Elmer C. Outboard motor housing. 182,335, 3-18-58, Cl. D71—1.
- Kimball Mfg. Corp.: *See*—Mallory, George R. 183,359.
- Kimerer, Edward L. Combination toothbrush, toothpaste, and cup holder. 182,825, 5-20-58, Cl. D4—3.
- Kimmig, Emil W.: *See*—Gordon, Bruce B., and Kimmig. 181,973.
- King, Frederick H. Target unit for a ball game. 182,906, 5-27-58, Cl. D34—5.
- King, Harold L. Weighing scale. 183,099, 6-24-58, Cl. D52—10.
- King, Harold L. Food value scale. 183,615, 9-30-58, Cl. D52—10.
- King, Paul E. Portable magnetic disc recorder or similar article. 183,258, 7-22-58, Cl. D56—4.
- King, Robert J.: *See*—Barr, Clifton, and King. 182,946.
- King-Seecley Corp.: *See*—Sivacek, Emil E. 182,630.
- Kingsford, Thaddeus L., to Scripto, Inc. Display stand. 182,727, 5-6-58, Cl. D80—9.
- Kingston Products Corp.: *See*—Trombley, Bertrand N. 182,257.
- Kintz, Alfred, and S. R. Toffolon, to The International Silver Co. Spoon or similar article of flatware. 183,616, 9-30-58, Cl. D54—12.
- Kinzie, Wilmer L. Boat. 182,728, 5-6-58, Cl. D71—1.
- Kipnis, Daniel D.: *See*—Jones, Charles E., and Crowle. 182,518.
- Kirk, Harold L., to Meier Electric and Machine Co., Inc. Fan housing. 182,029, 2-4-58, Cl. D26—7.
- Kitchen Master Appliances, Inc.: *See*—Posener, Armand L. A., and Elmore. 183,542.
- Kitterman, Donald M.: *See*—Soffer, Jack W., and Kitterman. 182,046.
- Kitterman, Joseph A. Bib. 181,982, 1-28-58, Cl. D3—27.
- Kjer Jakobsen, Robert E., to Virtue Bros. Mfg. Co. Chair. 182,729, 5-6-58, Cl. D15—1.
- Kjer Jakobsen, Robert E., to Virtue Bros. Mfg. Co. Chair. 182,730, 5-6-58, Cl. D15—1.
- Kjer Jakobsen, Robert E., to Virtue Bros. Mfg. Co. Combined leg and brace. 182,964, 6-3-58, Cl. D33—14.
- Kjer Jakobsen, Robert E., to Virtue Bros. Mfg. Co. Table. 182,965, 6-3-58, Cl. D33—14.
- Klassen, Bernard, M. H. Best, R. S. Inlow, J. M. Powell, and W. J. Ward, to Klassen Enterprises, Inc. Electric can opener housing. 181,859, 1-7-58, Cl. D22—2.
- Klassen Enterprises, Inc.: *See*—Klassen, Bernard, Best, Inlow, Powell, and Ward. 181,859.
- Klaus, Samuel. Necktie. 183,458, 9-2-58, Cl. D3—16.

- Klaus, Samuel. Necktie. 184,177, 12-30-58, Cl. D3—16.
- Klein, Donald E., and J. S. Tobin, Jr. Display stand or the like. 183,617, 9-30-58, Cl. D80—9.
- Klein, Paul. Combined bottle holder, closure cap and handle. 182,731, 5-6-58, Cl. D58—26.
- Klemm, Herman G., to Massey-Harris-Ferguson Inc. Self-propelled combine. 182,030, 2-4-58, Cl. D40—1.
- Klenk, William C., III. Drinking mug or similar article. 182,826, 5-20-58, Cl. D44—9.
- Klibanow, David W. Combination bath room unit. 183,797, 10-28-58, Cl. D4—4.
- Klitzner, Robert A. Combined slide necktie and pencil. 182,767, 5-13-58, Cl. D3—16.
- Klosin, John J., to The Thomas & Betts Co. Parallel compression tap. 183,842, 11-4-58, Cl. D26—1.
- Klosin, John J., to The Thomas & Betts Co. Multiple compression connector. 183,843, 11-4-58, Cl. D26—1.
- Klosin, John J., to The Thomas & Betts Co. Parallel compression tap. 183,844, 11-4-58, Cl. D26—1.
- Klotz, Milton A., to The Goodyear Tire & Rubber Co. Tire. 184,058, 12-9-58, Cl. D90—20.
- Klute, Lillias P., and J. M. Nash. Gameboard. 183,394, 8-19-58, Cl. D34—5.
- Knapp, Lewis G., and L. G. Sibbick, to United Aircraft Corp. Helicopter. 183,752, 10-21-58, Cl. D71—1.
- Knibb, Leroy H. Ice cream freezer. 182,768, 5-13-58, Cl. D67—2.
- Knomark Mfg. Co., Inc.: See—
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- Knowles, Squire. Game board. 184,015, 12-2-58, Cl. D34—5.
- Koch, John B., to American Radiator & Standard Sanitary Corp. Fan unit. 182,336, 3-18-58, Cl. D62—4.
- Koch, Samuel J. Combined wall switch plate and pushbutton assembly. 183,395, 8-19-58, Cl. D26—13.
- Koch, Samuel J. Combined wall switch plate and pushbutton assembly. 183,396, 8-19-58, Cl. D26—13.
- Koch, Walter L.: See—
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- Kochale, Ernest F., Jr.: See—
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- Koenig, Edward L., and R. J. Evans, to The Singer Mfg. Co. Cover plate for sewing machine frame. 182,031, 2-4-58, Cl. D70—2.
- Koepf, Rudolph H.: See—
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Moore, Walter E., and Koepf. 184,023.
- Kofod-Larsen, Ib., to Selig Mfg. Co., Inc. Modern chair. 183,618, 9-30-58, Cl. D15—1.
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- Kolbe, John, to Arnold Corp. Chair frame. 182,125, 2-18-58, Cl. D15—1.
- Kolker, Leona G., to Congoleum-Nairn Inc. Hard surface floor covering or similar article. 183,170, 7-8-58, Cl. D92—17.
- Kolker, Leona G., to Congoleum-Nairn Inc. Hard surface floor covering or similar article. 184,130, 12-23-58, Cl. D92—17.
- Koller, Peter, to Mid-States Corp. House trailer. 182,288, 3-11-58, Cl. D14—3.
- Konjoian, John, to Westminster Jewelry Mfg. Co. Combination pendant and perfume container. 182,337, 3-18-58, Cl. D86—10.
- Kono, Alexander: See—
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- Kontoff, Saul, and I. Rubin. Camera bag holder. 182,126, 2-18-58, Cl. D81—1.
- Koontz, Marrs F. Container for fluid cleaner for chamois or the like. 182,032, 2-4-58, Cl. D49—2.
- Kopka, Donald F., to Chrysler Corp. Automobile wheel cover. 182,237, 3-4-58, Cl. D14—30.
- Kopka, Donald F., to Chrysler Corp. Automobile wheel cover. 182,671, 4-29-58, Cl. D14—30.
- Kopp, Joseph. Glass chromatographic tray unit. 183,353, 8-12-58, Cl. D16—1.
- Kopp, Joseph. Glass chromatographic column unit. 183,528, 9-16-58, Cl. D16—1.
- Kopp, Joseph. Automatic burette unit. 183,529, 9-16-58, Cl. D16—1.
- Korabowski, Adam S., to The Standard Electric Time Co. Alarm station housing. 182,672, 4-29-58, Cl. D72—1.
- Koziol, Joseph T. Lace tablecloth. 182,520, 4-15-58, Cl. D92—26.
- Koziol, Joseph T. Lace tablecloth. 182,521, 4-15-58, Cl. D92—26.
- Koziol, Joseph T. Lace tablecloth. 182,522, 4-15-58, Cl. D92—26.
- Koziol, Joseph T. Lace tablecloth. 182,599, 4-22-58, Cl. D92—26.
- Koziol, Joseph T. Lace tablecloth. 182,600, 4-22-58, Cl. D92—26.
- Kramer, George W. Carport. 183,004, 6-10-58, Cl. D13—1.
- Kramer, Marvin, and H. A. Dorn, to General Classics, Inc. Column for a trophy base. 183,798, 10-28-58, Cl. D29—23.
- Kramer, Marvin, and H. A. Dorn, to General Classics, Inc. Column for a trophy base. 183,799, 10-28-58, Cl. D29—23.
- Krause, Walter H., to Beacon Metal Products Co. Combined roasting rack and skewer. 183,005, 6-10-58, Cl. D81—10.
- Kravitch, Charles W. Outrigger clip. 184,016, 12-2-58, Cl. D31—4.
- Krebs, Theodor. Electric sprayer or the like. 182,289, 3-11-58, Cl. D62—2.
- Kremer, Lucien. Thermometer. 184,092, 12-16-58, Cl. D52—7.
- Krenchel, Herbert E. Salad serving fork. 181,860, 1-7-58, Cl. D54—12.
- Krisel, Harold: See—
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- Kroehler Mfg. Co.: See—
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- Krohm, Fred A., to The Anderson Co. Windshield wiper unit. 182,127, 2-18-58, Cl. D14—6.
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- Krueger, Ben J., and J. T. Mains, to The Union Fork and Hoe Co. Tool display rack or similar article. 183,171, 7-8-58, Cl. D80—9.
- Krueger, Frank W., to Ralston Mfg. Co. Paint can shaker. 182,238, 3-4-58, Cl. D55—1.
- Krueger, Richard G., Inc.: See—
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- Kruskopf, Raymond B.: See—
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- Kruskopf, Reynold B. Collapsible tube. 183,172, 7-8-58, Cl. D58—17.
- Kulikowski, Helen J. Outdoor fireplace. 183,890, 11-11-58, Cl. D81—10.
- Kunz, Jacob T., to Schulmerich Electronics, Inc. Chime or bell instrument volume control for use with an organ or similar article. 183,100, 6-24-58, Cl. D26—13.
- Kushner, Michael J., and J. Pongonis. Weeding tool. 182,418, 4-1-58, Cl. D35—2.
- Kushner, Robert: See—
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- Kutik, Louis. Miniature candy basket. 182,523, 4-15-58, Cl. D58—4.
- Kux, Frank W., to Bell Aircraft Corp. Aircraft. 182,524, 4-15-58, Cl. D71—1.
- Kyle, Lloyd S., Sr. Combined picture frame and mirror. 182,188, 2-25-58, Cl. D29—20.
- Labrie, Joseph C. By-pass door guide. 182,419, 4-1-58, Cl. D10—7.
- Lactona, Inc.: See—
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- Ladewig, Roland E., to Whitehouse Reinforced Plastics Co. Boat. 182,966, 6-3-58, Cl. D71—1.
- La Gassey, Homer C., and C. H. Gale, to Chrysler Corp. Automobile hood. 183,619, 9-30-58, Cl. D14—18.
- Lago, Eleanor M. Children's game device. 183,620, 9-30-58, Cl. D34—15.
- Laham, George S. Shoe or similar article. 183,354, 8-12-58, Cl. D7—7.
- Lamb, Thomas. Writing instrument or similar article. 181,861, 1-7-58, Cl. D74—17.
- Lamb, Thomas. Handle for cutlery or the like. 182,290, 3-11-58, Cl. D22—3.
- Lamb, Thomas. Handle for cutlery or the like. 182,291, 3-11-58, Cl. D22—3.
- Lamb, Thomas. Handle for cutlery or the like. 182,292, 3-11-58, Cl. D22—3.
- Lamb, Thomas. Handle for cutlery or the like. 182,293, 3-11-58, Cl. D22—3.
- Lamb, Thomas. Combined knife sharpener housing and handle. 183,530, 9-16-58, Cl. D37—1.
- Lambert, Raoul A., to Westinghouse Electric Corp. Suction cleaner. 183,800, 10-28-58, Cl. D9—2.
- Lambert, Reuben B. Combination toothpaste dispensing cabinet and toothbrush holder. 184,017, 12-2-58, Cl. D4—3.
- Lamont, Dallas R. Automobile or similar article. 184,018, 12-2-58, Cl. D14—3.
- Lamont, Dallas R. Automobile or similar article. 184,019, 12-2-58, Cl. D14—3.
- Landau, Ann F., to Wallace China Co., Ltd. Plate or similar article. 183,753, 10-21-58, Cl. D44—15.
- Landau, Marc S.: See—
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- Landau, Marc S., to International Latex Corp. Clothes hanger or similar article. 183,219, 7-15-58, Cl. D80—8.
- Landers, Frary & Clark: See—
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- Lane, Richard N. Combined bottle warmer and storage unit. 182,294, 3-11-58, Cl. D81—10.
- Lane, Thomas H.: See—
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- Lang, John F.: See—
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- Lange, Morris. Ornamental metalwork panel. 184,178, 12-30-58, Cl. D54-2.
- Lange, William F., to General Motors Corp. Automobile grille unit or the like. 184,093, 12-16-58, Cl. D54-2.
- La Pan, Earl J. Combination trash and garbage unit. 182,367, 3-25-58, Cl. D58-17.
- Laros Inc.: *See*—
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- Larsen, Jack L.: *See*—
- Shell, John C., Jr., and Larsen. 182,856.
- Larson, Karl O. Four-wheeled cart. 182,128, 2-18-58, Cl. D14-3.
- Larson, Karl O. Hand cart. 182,295, 3-11-58, Cl. D14-3.
- Larson, Richard E.: *See*—
- Baranov, Alvin B., Houser, and Larson. 183,552.
- La Salle, Thomas, and J. Perec. Shuffleboard. 182,732, 5-6-58, Cl. D34-5.
- Lasar, William. Electric meat cutting machine. 183,459, 9-2-58, Cl. D55-1.
- Lasting, Hyman B. Game apparatus. 181,983, 1-28-57, Cl. D34-5.
- Lastnik, Abraham L.: *See*—
- Furrer, Jack F., Lastnik, and Jarvis. 181,846.
- Latham, Peter A. Carving knife. 182,827, 5-20-58, Cl. D22-3.
- Latham, Richard S., to Ekco-Alcoa Containers Inc. Pan or similar article. 182,673, 4-29-58, Cl. D44-1.
- Latin, Dewey: *See*—
- Hirsch, Urban S., and Latin. 181,977.
- Laughlin, Clayton A., to Wood Conversion Co. Acoustic tile. 183,531, 9-16-58, Cl. D18-2.
- Laughlin, Clayton A., to Wood Conversion Co. Acoustic tile. 183,697, 10-14-58, Cl. D18-2.
- Lauterbach, Norman E., W. D. Teague, and R. H. Ensign, to Ritter Co., Inc. Combined top and arm for dental unit. 183,891, 11-11-58, Cl. D24-1.
- Lavenson, James H., to Wilkening Mfg. Co. Sectional pull toy. 182,525, 4-15-58, Cl. D34-15.
- Lawcraft Co., Inc.: *See*—
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- Lax, Michael, to Kromex Corp. Canister or similar article. 183,754, 10-21-58, Cl. D44-6.
- Lax, Michael, to Kromex Corp. Canister or similar article. 183,755, 10-21-58, Cl. D44-6.
- Lax, Michael, to Kromex Corp. Bread box. 183,756, 10-21-58, Cl. D44-5.
- Lax, Michael S., to Kromex Corp. Serving tray. 182,420, 4-1-58, Cl. D44-10.
- Lax, Michael S., to Kromex Corp. Coffee server. 182,828, 5-20-58, Cl. D44-26.
- Lax, Michael S., to Kromex Corp. Coffee server. 182,829, 5-20-58, Cl. D44-26.
- Lax, Michael S., to Kromex Corp. Food warming stand. 183,133, 7-1-58, Cl. D81-10.
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- Lehmann, Aribert T., to American Artplex, Inc. Handbag or similar article. 183,892, 11-11-58, Cl. D87-3.
- Lehmann, George A., to The Dazey Corp. Can opener. 181,862, 1-7-58, Cl. D22-2.
- Lehmann, George A., to The Dazey Corp. Can opener. 183,397, 8-19-58, Cl. D22-2.
- Leibowitz, Miriam A., to Ginsburg and Abelson, Inc. Dress. 183,134, 7-1-58, Cl. D3-26.
- Leichter, Newton S., to Ajax Hardware Mfg. Corp. Handle or similar article. 182,602, 4-22-58, Cl. D10-8.
- Leichter, Newton S., to Ajax Hardware Mfg. Corp. Handle or similar article. 183,006, 6-10-58, Cl. D10-8.
- Lemon, Grace L. H. Pencil. 182,239, 3-4-58, Cl. D74-17.
- Le Normand, Maurice. Combined writing implement and cutter blade. 184,179, 12-30-58, Cl. D74-17.
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- Leopold, Herbert R., and C. B. Mitchell, to Optics Mfg. Corp. Slide file box or similar article. 182,967, 6-3-58, Cl. D61-1.
- Lerner, Louis L., to The Gillette Co. Hair treating solution dispenser or the like. 183,491, 9-9-58, Cl. D58-26.
- Lerner, Louis L., to The Gillette Co. Flexible dispensing bottle. 184,020, 12-2-58, Cl. D58-6.
- Lerner, Louis L., to The Gillette Co. Flexible dispensing bottle. 184,021, 12-2-58, Cl. D58-6.
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- Le Vay, Alex P. Combined candle and prayer card holder. 182,733, 5-6-58, Cl. D48-2.
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- Levin, Abraham S. Food storing and dispensing vehicle. 183,621, 9-30-58, Cl. D14-3.
- Levine, Abraham. Luggage fastener or the like. 182,674, 4-29-58, Cl. D10-7.
- Levine, Abraham. Lockable portfolio clasp. 183,052, 6-17-58, Cl. D50-7.
- Levine, Benjamin B. Tobacco pipe tamper. 183,398, 8-19-58, Cl. D85-2.
- Lewis, George P. Display rack for tools and similar articles. 182,907, 5-27-58, Cl. D80-10.
- Lewis, George P. Flash light. 183,698, 10-14-58, Cl. D48-24.
- Lewis, George P. Clock. 184,181, 12-30-58, Cl. D42-7.
- Lewis, Marcus I., and V. Borghesi. Savings bank or similar article. 182,471, 4-8-58, Cl. D34-11.
- Lewis, Paul M. Pinwheel toy. 183,355, 8-12-58, Cl. D34-15.
- Lewis, Paul M. Double pinwheel toy. 183,356, 8-12-58, Cl. D34-15.
- Lewis, Stanley N. Trailer or similar article. 182,526, 4-15-58, Cl. D14-3.
- Liautaud, John N., to Fendall Co. Eye protective industrial spectacle frame front. 183,845, 11-4-58, Cl. D57-1.
- Libit, Sidney M. Combination closure cap and dispenser. 182,830, 5-20-58, Cl. D58-26.
- Libit, Sidney M. Combined closure and dispensing cap. 183,622, 9-30-58, Cl. D58-26.
- Libit, Sidney M. Combined closure cap and dispenser. 183,757, 10-21-58, Cl. D58-26.
- Lieberman, Robert. Rotary book rack. 181,910, 1-14-58, Cl. D33-2.
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- Lindell, John F., to Koehring Co. Excavating tooth. 183,427, 8-26-58, Cl. D39-1.
- Lindell, Victor A. Tea bag holder. 182,909, 5-27-58, Cl. D44-9.
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- Lindenberger, Theodore, and R. Spilman, to Pickering Associates, Inc. Loud-speaker or similar article. 183,357, 8-12-58, Cl. D26-14.
- Linger, Harrison K., and R. W. Blee, to General Electric Co. Dishwasher. 182,968, 6-3-58, Cl. D49-1.
- Link, Albert. Child's swing seat. 183,284, 7-29-58, Cl. D15-11.
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- Logan, Leonard M., III, to McKinley Iron Works. Ornamental metal-work panel. 181,986, 1-28-58, Cl. D54-2.
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- Martin, Gerald D., to United States Rubber Co. Puffed textile fabric. 183,699, 10-14-58, Cl. D92-1.
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- Mason, John W. Television remote control or similar article. 183,700, 10-14-58, Cl. D26-13.
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- Mast, George A., and J. F. Lang, to Spincraft, Inc. Urinalysis filter unit. 183,853, 11-4-58, Cl. D16-2.
- Matthews, Eleanore. Baby's toys. 183,011, 6-10-58, Cl. D34-15.
- Matthews, Jas. H., & Co.: *See*—
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- Maul, Michael. Card handling machine. 183,400, 8-19-58, Cl. D64-11.
- Maurer, Fred C., to The Kenmar Mfg. Co. Sofa. 183,286, 7-29-58, Cl. D15-11.
- Maurer, Fred C., to The Kenmar Mfg. Co. Chair. 183,287, 7-29-58, Cl. D15-1.
- Maxwell, Horace, to Quaker Lace Co. Tablecloth. 184,133, 12-23-58, Cl. D92-26.
- May, Robert A., to Proctor Electric Co. Laundry cart. 183,135, 7-1-58, Cl. D14-3.
- Mayer, Irving. Toothpick dispenser or similar article. 182,371, 3-25-58, Cl. D52-2.
- Maynard, Kenneth, and P. E. Hansen. Exhaust header for automobiles. 182,135, 2-18-58, Cl. D14-6.
- Mazloom, Paul S. Shoe shine box. 181,992, 1-28-58, Cl. D9-2.
- McAuley, Edward G.: *See*—
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- McAuley, James E., to California Mfg. and Equipment Co. Closure cap for the access port of a water softener tank. 182,425, 4-1-58, Cl. D16-2.
- McCabe, Ralph E. Gunsight. 183,136, 7-1-58, Cl. D30-1.
- McCabe, Ralph E. Gunsight. 183,360, 8-12-58, Cl. D30-1.
- McCaig, Ronald J. Snack tray. 182,243, 8-4-58, Cl. D44-10.
- McCann, Franklin M. Toy totem pole. 184,186, 12-30-58, Cl. D34-15.
- McCartan, Thomas, to Bee and Gee Mfg. Co., Inc. Combined table and mirror unit. 183,991, 11-25-58, Cl. D33-6.
- McCartan, Thomas, to Bee and Gee Mfg. Co., Inc. Combined table and mirror unit. 183,992, 11-25-58, Cl. D33-6.
- McCartan, Thomas, to Bee and Gee Mfg. Co., Inc. Combined table and mirror unit. 183,993, 11-25-58, Cl. D33-6.
- McCartan, Thomas, to Bee and Gee Mfg. Co., Inc. Combined table and mirror unit. 183,994, 11-25-58, Cl. D33-6.
- McCartan, Thomas, to Bee and Gee Mfg. Co., Inc. Combined table and mirror unit. 183,995, 11-25-58, Cl. D33-6.
- McCartan, Thomas, to Bee and Gee Mfg. Co., Inc. Combined table and mirror unit. 183,996, 11-25-58, Cl. D33-6.
- McCarthy, Joseph H., and H. P. Zimmermann, to The General Fireproofing Co. Chair. 182,426, 4-1-58, Cl. D15-1.
- McCarthy, Joseph H., and H. P. Zimmermann, to The General Fireproofing Co. Chair. 182,427, 4-1-58, Cl. D15-1.
- McCarthy, Joseph H., and H. P. Zimmermann, to The General Fireproofing Co. Chair. 182,428, 4-1-58, Cl. D15-1.
- McCarthy, Joseph H., and H. P. Zimmermann, to The General Fireproofing Co. Combined desk and console. 183,361, 8-12-58, Cl. D33-7.
- McCarthy, Joseph H., and H. P. Zimmermann, to The General Fireproofing Co. Desk. 183,576, 9-23-58, Cl. D33-7.
- McCarthy, Joseph H., and H. P. Zimmermann, to The General Fireproofing Co. Console unit. 183,577, 9-23-58, Cl. D33-7.
- McCarthy, Joseph H., W. H. McKinley, and H. P. Zimmermann, to The General Fireproofing Co. Chair. 184,187, 12-30-58, Cl. D15-1.
- McCarthy, Joseph H., W. H. McKinley, and H. P. Zimmermann, to The General Fireproofing Co. Chair. 184,188, 12-30-58, Cl. D15-1.
- McCarthy, Joseph H., W. H. McKinley, and H. P. Zimmermann, to The General Fireproofing Co. Chair. 184,189, 12-30-58, Cl. D15-1.
- McCarty, Robert F. Nozzle holder. 182,530, 4-15-58, Cl. D91-1.
- McCarthy, Theodore M., to Gibson, Inc. Stringed musical instrument. 181,865, 1-7-58, Cl. D56-9.
- McCarthy, Theodore M., to Gibson, Inc. Stringed musical instrument. 181,866, 1-7-58, Cl. D56-9.
- McCarthy, Theodore M., to Gibson, Inc. Stringed musical instrument. 181,867, 1-7-58, Cl. D56-9.
- McCauley, Raymond E. Combined beverage maker and dispenser. 183,532, 9-16-58, Cl. D2-3.
- McClain, Lorraine S. Hair spray shield. 183,533, 9-16-58, Cl. D86-10.
- McConnell, George A., $\frac{1}{2}$ to D. E. Anderson. Lipstick holder or similar article. 183,997, 11-25-58, Cl. D86-10.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 182,136, 2-18-58, Cl. D92-1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 182,137, 2-18-58, Cl. D92-1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 182,138, 2-18-58, Cl. D92-1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 182,915, 5-27-58, Cl. D92-1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 182,969, 6-3-58, Cl. D92-1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 182,970, 6-3-58, Cl. D92-1.
- McCord, Douglas D. Puffed textile fabric. 183,054, 6-17-58, Cl. D92-1.
- McCord, Douglas D. Puffed textile fabric. 183,055, 6-17-58, Cl. D92-1.
- McCord, Douglas D. Puffed textile fabric. 183,056, 6-17-58, Cl. D92-1.
- McCord, Douglas D. Puffed textile fabric. 183,057, 6-17-58, Cl. D92-1.
- McCord, Douglas D. Puffed textile fabric. 183,058, 6-17-58, Cl. D92-1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 183,221, 7-15-58, Cl. D92-1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 183,319, 8-5-58, Cl. D92-1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 183,320, 8-5-58, Cl. D92-1.

- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,096, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,097, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,098, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,099, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,100, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,101, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,102, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,103, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,104, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,105, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,106, 12-16-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,134, 12-23-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,135, 12-23-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,136, 12-23-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,137, 12-23-58, Cl. D92—1.
- McCord, Douglas D., to Chicopee Mills, Inc. Puffed textile fabric. 184,138, 12-23-58, Cl. D92—1.
- McCormack, William J. Combined coin sorting and counting machine. 182,610, 4-22-58, Cl. D52—4.
- McCormick, Benita E. Combined mirror and lipstick holder. 182,190, 2-25-58, Cl. D86—10.
- McCormick, Benita E. Combined mirror and lipstick holder. 182,191, 2-25-58, Cl. D86—10.
- McCormick, Samuel J., to Metals & Controls Corp. Jewelry finding or similar article. 183,998, 11-25-58, Cl. D45—1.
- McCowan, David A. Display stand for candy or the like. 184,190, 12-30-58, Cl. D80—9.
- McDonald, Quentin H. Infant's seat. 181,868, 1-7-58, Cl. D15—8.
- McDuffie, Edwin B.: *See*—
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- McEuen, Marvin M.: *See*—
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- McFarland, Norman T., to M. I. Glass. Mobile toy. 182,916, 5-27-58, Cl. D34—15.
- McGee, Paul D., and T. W. Alles, to Dencor, Inc. Combination holder and protector for eyeglasses. 182,843, 5-20-58, Cl. D57—1.
- McGrath, Harold J. Utility cart for containers and the like. 182,298, 3-11-58, Cl. D14—3.
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- McKinley, William H.: *See*—
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- McKnight, Robert J., to O. Musgrave. Powered riding lawn mower. 184,059, 12-9-58, Cl. D40—1.
- McLarty, Shirley. Wind propelled spinner or similar article. 183,893, 11-11-58, Cl. D34—15.
- McNair, Samuel L. Fruit and vegetable chopping tray, or similar article. 182,679, 4-29-58, Cl. D44—10.
- McNair, Samuel L. Electric vibrator or similar article. 183,401, 8-19-58, Cl. D83—1.
- McNair, Samuel L. Electrical roller vibrator or similar article. 183,803, 10-28-58, Cl. D83—1.
- McNeill, Albert G., to Bachmann Bros., Inc. Spectacle frame. 183,894, 11-11-58, Cl. D57—1.
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- Meadows, Roscoe, to Roscoe Meadows, Jr. Bottle. 183,760, 10-21-58, Cl. D58—6.
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- Meier Electric and Machine Co., Inc.: *See*—
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- Merendino, Salvatore, to The Yale and Towne Mfg. Co. Toothbrush holder. 182,034, 2-4-58, Cl. D4—3.
- Merisuo, Paul K. Door knob. 182,611, 4-22-58, Cl. D50—3.
- Merle, Thomas F. Trophy base. 182,735, 5-6-58, Cl. D29—23.
- Mermis, Walter O., and J. C. Allison. Floral display stand. 182,372, 3-25-58, Cl. D35—3.
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- Merz, Eduard, and H. Hüttisch, to Siemens & Halske Aktiengesellschaft Berlin. Local battery wall telephone set. 183,970, 11-25-58, Cl. D26—14.
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- Michals, Dean J. Vegetable cutting cylinder. 181,935, 1-21-58, Cl. D89—1.
- Michals, Dean J. Vegetable cutting cylinder. 181,936, 1-21-58, Cl. D89—1.
- Middlemark, Marvin P. Water powered abrading machine. 182,130, 2-18-58, Cl. D37—1.
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- Mikulski, Frank P. Tray for a drill press. 184,107, 12-16-58, Cl. D63—1.
- Miles, John R., to Projection Optics Co. Inc. Projector. 181,871, 1-7-58, Cl. D61—1.
- Miles, John R., to Skil-Craft Corp. Binocular microscope. 183,402, 8-19-58, Cl. D57—1.
- Millette, Kenneth A., to Photo Research Corp. Photometric instrument or similar article. 184,061, 12-9-58, Cl. D61—1.
- Miller, Catherine. Lamp base or similar article. 184,062, 12-9-58, Cl. D48—20.
- Miller Electric Co.: *See*—
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Huxtable, Leonard G. 182,027.
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- Millington, William, and W. M. Day, to The Baldwin Piano Co. Organ console. 183,464, 9-2-58, Cl. D56—2.
- Millington, William, and W. M. Day, to The Baldwin Piano Co. Piano case. 183,761, 10-21-58, Cl. D56—9.
- Millington, William, and W. M. Day, to The Baldwin Piano Co. Piano case. 184,139, 12-23-58, Cl. D56—9.
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- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Automobile. 182,011, 1-28-58, Cl. D14—3.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Dashboard for an automobile. 182,214, 2-25-58, Cl. D14—6.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Steering wheel. 182,749, 5-6-58, Cl. D14—30.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Automobile. 182,864, 5-20-58, Cl. D14—3.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Automobile. 183,153, 7-1-58, Cl. D14—3.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Automobile. 183,550, 9-16-58, Cl. D14—3.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Automobile. 183,781, 10-21-58, Cl. D14—3.
- Wilkening, Kathryn E., to Wilkening Mfg. Co. Pop-up toy. 182,557, 4-15-58, Cl. D34—15.
- Wilkening Mfg. Co.: See—
Loeb, William S. 181,931.
Lavenson, James H. 182,525.
Wilkening, Kathryn E. 182,557.
- Willard, Richard G. Wild bird suet cake combined container and feeder. 182,449, 4-1-58, Cl. D31—2.
- Willens, Arthur F.: See—
Willens, Paul M. and A. F. 182,700.
- Willens, Paul M. and A. F., to Peninsular Fiberglass Products, Inc. Boat. 182,700, 4-29-58, Cl. D71—1.
- Williams, Herbert E. Chair. 183,437, 8-26-58, Cl. D15—1.
- Williams, Herbert E. Combination chair-desk. 183,438, 8-26-58, Cl. D15—8.
- Williams, Herbert E. Combination chair and desk. 183,439, 8-26-58, Cl. D15—8.
- Williams, Herbert E. Armchair. 183,440, 8-26-58, Cl. D15—1.
- Williams, Herbert E. Furniture leg. 183,441, 8-26-58, Cl. D33—14.
- Williams, Herbert E. Open front book box desk. 183,442, 8-26-58, Cl. D33—7.
- Williams, Herbert E. Desk. 183,443, 8-26-58, Cl. D33—7.
- Williams, Stephen F., Jr. Marble runway game apparatus. 183,551, 9-16-58, Cl. D34—15.
- Williams, William D., to National Laboratories, Inc. Bottle pourer for liquids. 182,940, 5-27-58, Cl. 58—26.
- Williams, William F., to Y. L. Malcolm. Leg rest. 182,750, 5-6-58, Cl. D15—8.
- Willis, Robert J., to The Plas-Tex Corp. Pitcher. 183,473, 9-2-58, Cl. D44—21.
- Willman, Philip E., to McGraw-Edison Co. Drawer pull unit. 182,558, 4-15-58, Cl. D10—8.
- Wills, Franklin M., to Arabesque, Inc. Wall plaque. 182,054, 2-4-58, Cl. D29—23.
- Wills, Franklin M. Wall plaque. 182,489, 4-8-58, Cl. D29—23.
- Willmot Castle Co.: See—
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- Wilson, Forest. Sofa. 183,413, 8-19-58, Cl. D15—11.
- Wilson Jones Co.: See—
Marano, Herbert W. 183,260.
- Wilson, Marion C., to Calumet Steel Castings Corp. Wheel block. 182,055, 2-4-58, Cl. D41—1.
- Wilson, Mary H. Milk carton receiving pletcher. 182,215, 2-25-58, Cl. D44—21.
- Wilson, Melvin A., to The Goodyear Tire & Rubber Co. Tire. 182,941, 5-27-58, Cl. D90—20.
- Wilson, Norman A., to Morgan Construction Co. Wire drawing machine. 182,633, 4-22-58, Cl. D55—1.
- Wimpy Fresh Frozen Foods, Inc.: See—
Burns, James T. 183,716.
- Wines, William B., to Western Electric Co., Inc. Combined respirator and face shield. 183,232, 7-15-58, Cl. D83—1.
- Winkler, Catherine S., and R. J. Whipple, to Philco Corp. Television receiver. 183,782, 10-21-58, Cl. D56—4.
- Winona Tool Mfg. Co.: See—
Fuglie, Elmer A. 183,042.
- Winstead, Thomas W., to Hedwin Corp. Dispensing carton for liquids, powders or the like. 181,950, 1-21-58, Cl. D58—17.
- Winter, Arthur. Nib section for a fountain pen. 183,112, 6-24-58, Cl. D74—17.
- Winter, Otto, to Olympia Werke A. G. Foot support for a typewriter case or the like. 183,905, 11-11-58, Cl. D87—2.
- Wintermantel, Norman G., and C. H. Bessett, to American Machine and Foundry Co. Velocipede. 183,336, 8-5-58, Cl. D34—15.
- Winters, Charles D., Sr., to G. P. Winters. Sign board. 182,865, 5-20-58, Cl. D1—12.
- Winters, Gertrude P.: See—
Winters, Charles D., Sr. 182,865.
- Wintersteen, Ralph L. Combined sample carrying and display case. 183,474, 9-2-58, Cl. D80—11.
- Witt Cornice Co., The: See—
Witt, James C. 184,116.
- Witt, James C., to The Witt Cornice Co. Drum lid. 184,116, 12-16-58, Cl. D58—26.
- Witt, Wilhelm. Photographic camera. 183,669, 10-7-58, Cl. D61—1.
- Woerner, Joseph F. Internal wrench. 183,414, 8-19-58, Cl. D54—16.
- Wolberg, Erwin, to Wolberg-Sims Printing & Engraving Co. Book cover. 183,906, 11-11-58, Cl. D6—2.
- Wolberg-Sims Printing & Engraving Co.: See—
Wolberg, Erwin. 183,906.
- Wollman, Jerola S., and G. F. Schmidt. Undersea camera housing. 182,751, 5-6-58, Cl. D61—1.
- Wood Conversion Co.: See—
Laughlin, Clayton A. 183,531.
Laughlin, Clayton A. 183,697.
- Wood, Morris E., to Higbie Mfg. Co. Fishing reel. 182,701, 4-29-58, Cl. D31—4.
- Wood, Vern E.: See—
Elrod, George E., and Wood. 182,021.
- Woodhouse, William N., to New Jersey Lace Corp. Lace fabric. 184,034, 12-2-58, Cl. D47—6.
- Woodland, John L., to Bruce Fisher & Co. Relish dish or similar article. 184,201, 12-30-58, Cl. D44—16.
- Woodley, James M. Fishing lure. 183,074, 6-17-58, Cl. D31—4.
- Woods, Robert A.: See—
Logan, John W., Jr., and Woods. 183,173.
- Woods, Zackary: See—
Sylvester, Henry C., and Woods. 183,775.
- Woofter, Cecil B.: See—
Dreyling, Anthony H., and Woofter. 181,903.
- Woofter, Cecil B., to D. E. Harley. Clock. 183,034, 6-10-58, Cl. D42—7.
- Woolley, Emmitt M. Fish cleaner brush or the like. 183,783, 10-21-58, Cl. D9—2.
- Worden, Edgar C., to Synthetic Mica Corp. Electric furnace. 183,642, 9-30-58, Cl. D81—1.
- Worthen, Richard P.: See—
Fair, Homer H. 182,649.
- Wozena, Peter W., to General Motors Corp. Automobile grille unit or the like. 183,505, 9-9-58, Cl. D54—2.
- Wrablica, Paul, Jr., to Metals & Controls Corp. Thermostat or similar article. 183,337, 8-5-58, Cl. D26—13.
- Wright Mfg. Co.: See—
Petrie, Gordon D. 183,765.
Petrie, Gordon D. 183,766.
- Wright & McGill Co.: See—
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- Wright, Orville. Combined house number sign and light therefor. 182,634, 4-22-58, Cl. D1—7.
- Wright, Richard B., and M. Boone, to The Wright Tool and Forge Co. Socket wrench. 182,318, 3-11-58, Cl. D54—13.
- Wright, Russel. Plastic sheet material. 183,075, 6-17-58, Cl. D87—3.
- Wright Tool and Forge Co., The: See—
Wright, Richard B., and Boone. 182,318.
- Wrubel, Benjamin T., to Miller Electric Co. Handle cap. 182,942, 5-27-58, Cl. D26—1.
- Wuintana, Lloyd L. Combined door mat and shoe cleaner. 182,619, 4-22-58, Cl. D9—6.
- Wylie, Dalton F. Removable cover for pickup trucks. 182,559, 4-15-58, Cl. D14—27.
- Wyott Mfg. Co., Inc.: See—
Hunter, Lawrence J. 182,594.
- Yale & Towne Mfg. Co., The: See—
Merendino, Salvatore. 182,034.
Truex, Van Day. 182,007.
Truex, Van Day. 182,258.
Unetic, Andrew J. 182,150.
- Yamasaki, Kim: See—
Chapman, Frederick D., and Yamasaki. 182,567.
- Yankelevitz, Sam, to Novel Package Co. Toy whistle ring. 182,490, 4-8-58, Cl. D34—15.
- Yates, Steven G., to David Kahn, Inc. Writing instrument. 182,866, 5-20-58, Cl. D74—17.
- Yermish, Israel J., to Fenway Machine Co., Inc. Hand held, power operated nibbler unit. 182,265, 3-4-58, Cl. D54—14.
- Yohe, Richard H. Colostomy irrigator. 183,820, 10-28-58, Cl. D83—1.
- Young, Don H.: See—
Jemison, Volney M., and Young. 182,596.
- Young, John P., and C. A. Arnold, to Lyon Inc. Spoon or similar article of flatware. 182,319, 3-11-58, Cl. D54—12.
- Young, John P., and C. A. Arnold, to Lyon Inc. Knife or similar article of flatware. 182,320, 3-11-58, Cl. D22—3.
- Young, Marshall B., to Eagle Pencil Co. Ball point pen or similar article. 181,951, 1-21-58, Cl. D74—17.
- Young, Sol, to L. Batlin & Son, Inc. Jar for food. 181,892, 1-7-58, Cl. D58—25.
- Young, Stephen A. Faucet handle. 182,752, 5-6-58, Cl. D91—3.
- Young, Stephen A. Faucet shell. 182,867, 5-20-58, Cl. D91—1.
- Young, Stephen A. Faucet shell or similar article. 183,035, 6-10-58, Cl. D91—3.
- Yuen, Akron S. H. Chair. 184,202, 12-30-58, Cl. D15—1.
- Zagara, Frank A., and A. H. Crapsey, Jr., to Eastman Kodak Co. Camera. 183,670, 10-7-58, Cl. D61—1.

- Zampetti, Charles M. Combination shampoo bottle and massager. 183,190, 7-8-58, Cl. D58-6.
- Zeidman, Robert, to Mail Pouch Tobacco Co. Toy turtle. 182,321, 3-11-58, Cl. D34-2.
- Zenith Radio Corp.: *See*—
- Boldt, Melvin H. 183,999.
- Boldt, Melvin H. 184,000.
- Boldt, Melvin H., and Cascarano. 183,677.
- Boldt, Melvin H., and Chuboff. 183,554.
- De Young, Jack. 183,962.
- Gerrie, James K. 181,969.
- Gerrie, James K., and Reinecke. 182,276.
- Gerrie, James K., and Reinecke. 183,306.
- Reinecke, Jean O. 182,199.
- Reinecke, Jean O. 183,182.
- Schory, Kenneth P. 183,977.
- Zerkowitz, Albert. Shoe sole. 182,781, 5-13-58, Cl. D7-5.
- Zierhut, Clarence, to Paper Mate Mfg. Co. Writing implement or the like. 182,216, 2-25-58, Cl. D74-17.
- Zierhut, Clarence, to Paper Mate Mfg. Co. Writing instrument. 182,635, 4-22-58, Cl. D74-17.
- Zierhut, Harold E., to Paper Mate Mfg. Co. Clip for a pen or the like. 184,203, 12-30-58, Cl. D74-1.
- Zilem, Adam C.: *See*—
- Varnier, Earl E., and Zilem. 183,151.
- Zimmermann, Herbert P.: *See*—
- McCarthy, Joseph H., McKinley, and Zimmermann. 184,187.
- McCarthy, Joseph H., McKinley, and Zimmermann. 184,188.
- McCarthy, Joseph H., McKinley, and Zimmermann. 184,189.
- McCarthy, Joseph H., and Zimmermann. 182,426.
- McCarthy, Joseph H., and Zimmermann. 182,427.
- McCarthy, Joseph H., and Zimmermann. 182,428.
- McCarthy, Joseph H., and Zimmermann. 183,361.
- McCarthy, Joseph H., and Zimmermann. 183,576.
- McCarthy, Joseph H., and Zimmermann. 183,577.
- Zip Products Co.: *See*—
- Misson, William H. 182,475.
- Ziskin, Manuel S.: *See*—
- Billig, Ralph B., and Ziskin. 182,702.
- Billig, Ralph B., and Ziskin. 182,703.
- Billig, Ralph B., and Ziskin. 182,704.
- Billig, Ralph B., and Ziskin. 183,082.
- Zurawinski, Mitchell, and M. M. McEuen, to Bell Aircraft Corp. Aircraft. 183,076, 6-17-58, Cl. D71-1.
- Zylite Products Co., Inc.: *See*—
- Goodman, Herman. 181,972.

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LIST OF PLANT PATENTEES

- Amling, Clarence, Roses, Inc.: See—
De Vor, Paul F. 1,677.
De Vor, Paul F. 1,678.
- Anderson, Frederic W. Almond tree. 1,698, 5-6-58, Cl. 47-62.
- Anderson, Frederic W., to Kim Bros. Nectarine tree. 1,723, 7-8-58, Cl. 47-62.
- Anderson, Frederic W., to The Burchell Nursery. Nectarine tree. 1,724, 7-8-58, Cl. 47-62.
- Anderson, Frederic W., to Kim Bros. Peach tree. 1,725, 7-8-58, Cl. 47-62.
- Anderson, Frederic W., to Kim Bros., doing business under the fictitious name and style of Reedley Nursery. Peach tree. 1,738, 7-29-58, Cl. 47-62.
- Anderson, Frederic W., to Kim Bros., d. b. a. Reedley Nursery. Nectarine tree. 1,751, 9-16-58, Cl. 47-62.
- Anderson, Frederic W., to Kim Bros., d. b. a. Reedley Nursery. Peach tree. 1,754, 9-23-58, Cl. 47-62.
- Anderson, Frederic W., to Kim Bros., d. b. a. Reedley Nursery. Nectarine tree. 1,755, 9-23-58, Cl. 47-62.
- Anderson, Frederic W., to Kim Bros., d. b. a. Reedley Nursery. Plum tree. 1,756, 9-23-58, Cl. 47-62.
- Armstrong Nurseries, Inc.: See—
Curtis, Raleigh F. 1,750.
Swim, Herbert C. 1,694.
Swim, Herbert C. 1,775.
Swim, Herbert C. 1,776.
Swim, Herbert C. 1,786.
Swim, Herbert C. 1,787.
- Batchelor, Jackson M. Holly plant. 1,749, 9-16-58, Cl. 47-59.
- Beck, Arthur H., to Vosters Nurseries and Greenhouses, Inc. Azalea. 1,699, 5-6-58, Cl. 47-60.
- Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,676, 1-28-58, Cl. 47-60.
- Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,679, 2-4-58, Cl. 47-60.
- Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,680, 2-4-58, Cl. 47-60.
- Boerner, Eugene S., to C. W. Stuart & Co. Rose plant. 1,682, 2-11-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,683, 2-18-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,684, 2-18-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,688, 3-11-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,697, 4-29-58, Cl. 47-60.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,720, 6-24-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,757, 9-23-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,762, 10-14-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,764, 10-14-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,765, 10-14-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,783, 12-23-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,784, 12-23-58, Cl. 47-61.
- Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,788, 12-30-58, Cl. 47-61.
- Booy, Peter J., Rose Nursery: See—
Silva, William E. 1,690.
- Bosley, Edith C.: See—
Shepherd, Roy E. 1,770.
- Bosley, Edith C. Azalea plant. 1,717, 6-10-58, Cl. 47-60.
- Bristol Nurseries, Inc.: See—
Cumming, Roderick W. 1,791.
- Bristow, Owen R., to Mossholder Nursery. Azalea plant. 1,701, 5-13-58, Cl. 47-60.
- Bristow, Owen R., to Mossholder Nursery. Azalea plant. 1,702, 5-13-58, Cl. 47-60.
- Bristow, Owen R., to Mossholder Nursery. Azalea plant. 1,703, 5-13-58, Cl. 47-60.
- Bristow, Owen R., to Mossholder Nursery. Azalea plant. 1,704, 5-13-58, Cl. 47-60.
- Bristow, Owen R., to Mossholder Nursery. Azalea plant. 1,705, 5-13-58, Cl. 47-60.
- Bristow, Owen R., to Mossholder Nursery. Azalea plant. 1,706, 5-13-58, Cl. 47-60.
- Bristow, Owen R., to Mossholder Nursery. Azalea plant. 1,707, 5-13-58, Cl. 47-60.
- Bristow, Owen R., to Mossholder Nursery. Azalea plant. 1,708, 5-13-58, Cl. 47-60.
- Brooks, Lenard L. Azalea plant. 1,714, 6-3-58, Cl. 47-60.
- Burchell Nursery, The: See—
Anderson, Frederic W. 1,724.
- Byrum, Roy L.: See—
Reece, Sidney, and Byrum. 1,774.
- Byrum, Roy L., to Joseph H. Hill Co. Rose plant. 1,789, 12-30-58, Cl. 47-61.
- Carille, Thomas, deceased, by W. V. Carille, administratrix, to J. J. Grullemans. Anchusa plant. 1,729, 7-8-58, Cl. 47-60.
- Carille, Wendy V.: See—
Carille, Thomas. 1,729.
- Combe, Maurice, to Jackson & Perkins Co. Rose plant. 1,712, 5-27-58, Cl. 47-61.
- Compton, Verna A. Nectarine tree. 1,674, 1-14-58, Cl. 47-62.
- Conard-Pyle Co., The: See—
De Ruiter, Gerrit. 1,763.
De Ruiter, Gerrit. 1,771.
Hutton, Sidney B., Jr. 1,733.
Meilland, Francis. 1,672.
Meilland, Francis. 1,673.
Meilland, Francis. 1,689.
Meilland, Francis. 1,700.
Meilland, Francis. 1,758.
Meilland, Francis. 1,759.
Meilland, Francis. 1,760.
Meilland, Francis. 1,761.
- Culbushian, Haig. Apricot tree. 1,732, 7-15-58, Cl. 47-62.
- Cumming, Roderick W., to Bristol Nurseries, Inc. Chrysanthemum plant. 1,791, 12-30-58, Cl. 47-60.
- Curtis, Raleigh F., to Armstrong Nurseries, Inc. Rose plant. 1,750, 9-16-58, Cl. 47-61.
- Daniels, Anna M., to Stark Bro's Nurseries and Orchards Co. Apple tree. 1,777, 12-9-58, Cl. 47-62.
- Dauernheim Inc.: See—
Nill, Alfred. 1,772.
- Davis, Jonathan. Peach tree. 1,746, 9-2-58, Cl. 47-62.
- De Ruiter, Gerrit, to The Conard-Pyle Co. Rose plant. 1,763, 10-14-58, Cl. 47-61.
- De Ruiter, Gerrit, to The Conard-Pyle Co. Rose plant. 1,771, 11-18-58, Cl. 47-61.
- De Vor, Paul F., to Clarence Amling Roses, Inc. Red rose plant. 1,677, 2-4-58, Cl. 47-61.
- De Vor, Paul F., to Clarence Amling Roses, Inc. Pink rose plant. 1,678, 2-4-58, Cl. 47-61.
- Dougherty, Harold D. Peach tree. 1,696, 4-15-58, Cl. 47-62.
- Dougherty, Harold D. Nectarine tree. 1,753, 9-23-58, Cl. 47-62.
- Ecke, Paul. Poinsettia plant. 1,779, 12-9-58, Cl. 47-60.
- Ecke, Paul. Poinsettia plant. 1,780, 12-9-58, Cl. 47-60.
- Fey, Wilhelm: See—
Neumann, Erich. 1,685.
- Fischer, Carl H., to Selected Glads, Inc. Gladiolus plant. 1,741, 8-12-58, Cl. 47-60.
- Fisher, Murray W., to Selected Glads, Inc. Gladiolus plant. 1,781, 12-23-58, Cl. 47-60.
- Flemer, William, III, to Princeton Nurserymen's Research Associates. Maple tree. 1,748, 9-9-58, Cl. 47-59.
- Flemer, William, III, to Princeton Nurserymen's Research Associates. Honey locust tree. 1,752, 9-16-58, Cl. 47-59.
- Fujihara, Paul K. Peach tree. 1,743, 8-19-58, Cl. 47-62.
- Germain's, Inc.: See—
Lammerts, Walter E. 1,711.
Lammerts, Walter E. 1,742.
- Godin, Eugene, to Gulf Stream Products, Inc. Hibiscus plant. 1,739, 7-29-58, Cl. 47-60.
- Goldsmith, Earl V., deceased (by M. S. Goldsmith, executrix), and H. E. Thomas; said M. S. Goldsmith to The Strawberry Institute of California. Variety of strawberry. 1,735, 7-29-58, Cl. 47-62.
- Goldsmith, Earl V., deceased (by M. S. Goldsmith, executrix), and H. E. Thomas; said M. S. Goldsmith to The Strawberry Institute of California. Variety of strawberry. 1,736, 7-29-58, Cl. 47-62.
- Goldsmith, Earl V., deceased (by M. S. Goldsmith, executrix), and H. E. Thomas; said M. S. Goldsmith to The Strawberry Institute of California. Variety of strawberry. 1,737, 7-29-58, Cl. 47-62.
- Goldsmith, Margaret S.: See—
Goldsmith, Earl V., and Thomas. 1,735.
Goldsmith, Earl V., and Thomas. 1,736.
Goldsmith, Earl V., and Thomas. 1,737.
- Grullemans, John J.: See—
Carille, Thomas. 1,729.
Pike, Albert V. 1,727.
- Gulf Stream Products, Inc.: See—
Godin, Eugene. 1,739.

- Hagler, Lisle A. Nectarine tree. 1,718, 6-10-58, Cl. 47-62.
- Hart, George B., Inc.: *See*—
Motosé, Thomas E. 1,715.
- Hawkersmith, Isaac J. Dogwood plant. 1,710, 5-20-58, Cl. 47-59.
- Hill, E. G., Co., Inc.: *See*—
Jelly, Robert G. 1,675.
- Hill, Joseph H., Co.: *See*—
Byrum, Roy L. 1,789.
- Reece, Sidney, and Byrum. 1,774.
- Hummel, Reinhold. Strawberry plant. 1,691, 3-18-58, Cl. 47-62.
- Hutton, Sidney B., Jr., to The Conard-Pyle Co. Chrysanthemum plant. 1,733, 7-22-58, Cl. 47-60.
- Jackson & Perkins Co.: *See*—
Boerner, Eugene S. 1,676.
Boerner, Eugene S. 1,679.
Boerner, Eugene S. 1,680.
Boerner, Eugene S. 1,683.
Boerner, Eugene S. 1,684.
Boerner, Eugene S. 1,688.
Boerner, Eugene S. 1,697.
Boerner, Eugene S. 1,720.
Boerner, Eugene S. 1,757.
Boerner, Eugene S. 1,762.
Boerner, Eugene S. 1,764.
Boerner, Eugene S. 1,765.
Boerner, Eugene S. 1,783.
Boerner, Eugene S. 1,784.
Boerner, Eugene S. 1,788.
Combe, Maurice. 1,712.
Kordes, Wilhelm. 1,778.
Manda, Edward A., Jr. 1,687.
Morey, Dennison H., Jr. 1,709.
Robinson, Herbert. 1,790.
- Jelly, Robert G., to E. G. Hill Co., Inc. Rose plant. 1,675, 1-21-58, Cl. 47-61.
- Kernodle, Julius A., to Simpson Nursery Co. Pecan tree. 1,744, 8-26-58, Cl. 47-62.
- Kim Bros.: *See*—
Anderson, Frederic W. 1,723.
Anderson, Frederic W. 1,725.
Anderson, Frederic W. 1,738.
Anderson, Frederic W. 1,754.
Anderson, Frederic W. 1,755.
Anderson, Frederic W. 1,756.
- Kim Bros., d. b. a. Reedley Nursery: *See*—
Anderson, Frederic W. 1,751.
- Kordes, Wilhelm, to Jackson & Perkins Co. Rose plant. 1,778, 12-9-58, Cl. 47-61.
- Lammerts, Walter E., to Germain's, Inc. Rose plant. 1,711, 5-27-58, Cl. 47-61.
- Lammerts, Walter E., to Germain's, Inc. Rose plant. 1,742, 8-12-58, Cl. 47-61.
- Lang, Albin E. Strawberry plant. 1,745, 8-26-58, Cl. 47-62.
- Le Grice, Edward B. New and distinct variety of rosa hybrid tea plant. 1,769, 11-11-58, Cl. 47-61.
- Leon, Charles F. Rose plant. 1,692, 3-18-58, Cl. 47-61.
- Maffey, Albert W. Peach tree. 1,713, 5-27-58, Cl. 47-62.
- Manda, Edward A., Jr., to Jackson & Perkins Co. Rose plant. 1,687, 3-11-58, Cl. 47-61.
- McLellan, E. W., Co.: *See*—
McLellan, Wakeman G., Jr. 1,734.
- McLellan, Wakeman G., Jr., to E. W. McLellan Co. Carnation. 1,734, 7-29-58, Cl. 47-60.
- Meilland, Francis, to The Conard-Pyle Co. Rose plant. 1,672, 1-7-58, Cl. 47-61.
- Meilland, Francis, to The Conard-Pyle Co. Rose plant. 1,673, 1-7-58, Cl. 47-61.
- Meilland, Francis, to The Conard-Pyle Co. Rose plant. 1,689, 3-11-58, Cl. 47-61.
- Meilland, Francis, to The Conard-Pyle Co. Rose plant. 1,700, 5-13-58, Cl. 47-61.
- Meilland, Francis, to The Conard-Pyle Co. Rose plant. 1,758, 10-7-58, Cl. 47-61.
- Meilland, Francis, to The Conard-Pyle Co. Rose plant. 1,759, 10-14-58, Cl. 47-61.
- Meilland, Francis, to The Conard-Pyle Co. Rose plant. 1,760, 10-14-58, Cl. 47-61.
- Meilland, Francis, to The Conard-Pyle Co. Rose plant. 1,761, 10-14-58, Cl. 47-61.
- Merrill, Grant, to Grant Merrill Orchards, Inc. Peach. 1,785, 12-23-58, Cl. 47-62.
- Merrill, Grant Orchards, Inc.: *See*—
Merrill, Grant. 1,785.
- Mooney, Worth B., deceased, by M. R. Runty, executrix, to Stark Bro's Nurseries and Orchards Co. Apple tree. 1,721, 6-24-58, Cl. 47-62.
- Moore, Ralph S. Miniature rose plant. 1,726, 7-8-58, Cl. 47-61.
- Moore, Ralph S. Miniature rose plant. 1,766, 10-28-58, Cl. 47-61.
- Moore, Ralph S. Miniature rose plant. 1,767, 10-28-58, Cl. 47-61.
- Morey, Dennison H., Jr., to Jackson & Perkins Co. Rose plant. 1,709, 5-20-58, Cl. 47-61.
- Mossholder Nursery: *See*—
Bristow, Owen R. 1,701-8.
- Motosé, Thomas E., to George B. Hart, Inc. Rose plant. 1,715, 6-3-58, Cl. 47-61.
- Motosé, Thomas E., to George B. Hart, Inc. Rose plant. 1,740, 8-12-58, Cl. 47-61.
- Neumann, Erich, to W. Fey. Red dessert apple tree. 1,685, 2-18-58, Cl. 47-62.
- Nilf, Alfred, to Dauernheim Inc. Azalea plant. 1,772, 11-18-58, Cl. 47-60.
- Parker, Elizabeth B. Chrysanthemum. 1,773, 11-25-58, Cl. 47-60.
- Pike, Albert V., to J. J. Grullemans. Hybrid buddleia plant. 1,727, 7-8-58, Cl. 47-60.
- Pommert, Ralph J., to Selected Glads, Inc. Gladiolus plant. 1,782, 12-23-58, Cl. 47-60.
- Princeton Nurserymen's Research Associates: *See*—
Flemer, William, III. 1,748.
Flemer, William, III. 1,752.
- Reece, Sidney, and B. L. Byrum, to Joseph H. Hill Co. Rose plant. 1,774, 11-25-58, Cl. 47-61.
- Reedley Nursery: *See*—
Anderson, Frederic W. 1,738.
Anderson, Frederic W. 1,754.
Anderson, Frederic W. 1,755.
Anderson, Frederic W. 1,756.
- Reedley Nursery, Inc.: *See*—
Vestal, Darel R. 1,716.
- Robinson, Herbert, to Jackson & Perkins Co. Rose plant. 1,790, 12-30-58, Cl. 47-61.
- Rodgers, Vincent B. Almond tree. 1,730, 7-15-58, Cl. 47-62.
- Runty, Mabel R.: *See*—
Mooney, Worth B. 1,721.
- Salsa, John E. Plum tree. 1,695, 4-15-58, Cl. 47-62.
- Sarcosie Nurseries (Wild Bros. Nursery Co.): *See*—
Wild, Arthur O. 1,747.
- Scanlon, Edward H. Conical or pyramidal red maple tree. 1,722, 7-1-58, Cl. 47-59.
- Schreiner, Robert. Iris plant. 1,728, 7-8-58, Cl. 47-60.
- Schwab, Frank M. Seedless grape. 1,681, 2-11-58, Cl. 47-62.
- Selected Glads, Inc.: *See*—
Fischer, Carl H. 1,741.
Fisher, Murray W. 1,781.
Pommert, Ralph J. 1,782.
- Shepherd, Roy E., to E. C. Bosley. Rose plants. 1,770, 11-11-58, Cl. 47-61.
- Siebethaler Co., The: *See*—
Siebethaler, John D. 1,768.
- Siebethaler, John D., to The Siebethaler Co. Ash tree. 1,768, 11-4-58, Cl. 47-59.
- Silva, William E., to Peter J. Booy Rose Nursery. Rose plant. 1,690, 3-11-58, Cl. 47-61.
- Simpson Nursery Co.: *See*—
Kernodle, Julius A. 1,744.
- Stark Bro's Nurseries and Orchards Co.: *See*—
Daniels, Anna M. 1,777.
Mooney, Worth B. 1,721.
- Strawberry Institute of California, The: *See*—
Goldsmith, Earl V., and Thomas. 1,735.
Goldsmith, Earl V., and Thomas. 1,736.
Goldsmith, Earl V., and Thomas. 1,737.
- Stroh, Albert L. Begonia plant. 1,693, 3-18-58, Cl. 47-60.
- Stuart, C. W., & Co.: *See*—
Boerner, Eugene S. 1,682.
- Swim, Herbert C., to Armstrong Nurseries, Inc. Rose plant. 1,694, 4-8-58, Cl. 47-61.
- Swim, Herbert C., to Armstrong Nurseries, Inc. Rose plant. 1,775, 12-2-58, Cl. 47-61.
- Swim, Herbert C., to Armstrong Nurseries, Inc. Rose plant. 1,776, 12-2-58, Cl. 47-61.
- Swim, Herbert C., to Armstrong Nurseries, Inc. Rose plant. 1,786, 12-30-58, Cl. 47-61.
- Swim, Herbert C., to Armstrong Nurseries, Inc. Peach tree. 1,787, 12-30-58, Cl. 47-62.
- Thomas, Harold E.: *See*—
Goldsmith, Earl V., and Thomas. 1,735.
Goldsmith, Earl V., and Thomas. 1,736.
Goldsmith, Earl V., and Thomas. 1,737.
- Tiret, Horace M. Fuchsia. 1,719, 6-24-58, Cl. 47-60.
- Tiret, Horace M. Fuchsia plant. 1,731, 7-15-58, Cl. 47-60.
- Van Zanten, Maurits L. V. Azalea plant. 1,686, 3-11-58, Cl. 47-60.
- Vestal, Darel R., to Reedley Nursery, Inc. Peach tree. 1,716, 6-10-58, Cl. 47-62.
- Vosters Nurseries and Greenhouses, Inc.: *See*—
Beck, Arthur H. 1,699.
- Wild, Arthur O., to Sarcosie Nurseries (Wild Bros. Nursery Co.) Elm tree. 1,747, 9-9-58, Cl. 47-59.

1958

CLASSIFICATION OF PATENTS

NOTE.—First number=class, second number=subclass, third number=patent number

1—	1: 2,818,567 2,821,713 2,830,294 2,834,016 2,850,736 2,855,000 2,819,464 2,827,630 2,827,631 2,834,963 2,834,964 2,839,753 2,848,718 2,862,205 2,865,021 2,824,307 2,832,959 2,850,737 2,852,777 2,857,595 2,859,442 2,865,022 2,819,465 2,820,966 2,822,543 2,845,625 2,818,568 2,827,632 2,818,569 2,829,369 2,856,606 2,861,688 18.1: 2,831,191 42.9: 2,838,757 44.4: 2,818,570 2,850,738 2,851,689 2,831,192 44.5: 2,835,894 2,863,149 46: 2,822,544 2,866,199 47: 2,829,370 2,839,754 2,845,627 2,849,714 2,850,739 2,855,601 48.1: 2,845,626 49: 2,819,466 2,837,743 2,847,673 2,847,674 2,853,707 2,857,596 2,859,443 2,863,150 49.4: 2,864,085 2,866,200 60: 2,827,633 62: 2,837,744 82: 2,821,714 2,861,269 84: 2,862,206 91: 2,829,371 102: 2,827,634 104: 2,866,201 106: 2,820,223 2,829,372 2,830,295 2,849,715 2,859,444 125: 2,819,467 128: 2,846,682 134: 2,829,373 146: 2,864,086 147: 2,862,207 149: 2,830,296 177: 2,858,537 210: 2,825,064 215: 2,847,675 222: 2,822,545 260: 2,859,445 2,864,087 2,823,383 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115.5: 2,855,267 115.6: 2,823,093 2,823,994 2,863,715 116: 2,824,778 117: 2,824,779 120: 2,833,614 2,840,446 2,857,239 2,860,946 127.6: 2,827,359 2,850,351 129: 2,820,691 2,825,623 130.1: 2,821,457 2,851,708 2,821,458 131: 2,862,785 133: 2,828,181 141: 2,832,663 149.3: 2,858,184 152: 2,826,479 155: 2,831,747 159: 2,823,975 9— 1: 2,831,203 2,840,832 2,850,747 2,851,705 2,863,159 2,865,031 2: 2,829,385 2,830,308 3: 2,848,725 6: 2,834,971 8: 2,819,476 2,841,804 8.3: 2,832,968 2,837,753 2,856,616 9: 2,818,586 2,820,971 2,821,725 2,830,309 2,840,833 2,853,724 11: 2,859,457 2,859,458 17: 2,829,386 2,851,706 2,864,101 18: 2,838,774 2,843,858 20: 2,823,396	9— 20: 2,842,785 21: 2,818,587 2,821,726 2,823,397 2,828,491 2,841,805 2,843,860 2,850,748 2,851,707 2,865,032 2,865,033 2,866,210 26: 2,832,969 33: 2,824,315 2,839,767 36: 2,849,732 38: 2,831,204 2,835,907 10— 1: 2,822,555 6: 2,822,556 2,829,387 2,852,788 10: 2,820,972 2,844,830 2,855,609 2,855,610 2,856,617 11: 2,832,970 2,843,861 12: 2,825,075 21: 2,832,971 24: 2,843,862 27: 2,838,775 46: 2,821,727 54: 2,829,388 72: 2,859,459 76: 2,845,638 86: 2,832,972 2,832,973 2,834,972 2,846,701 91: 2,861,281 92: 2,847,686 95: 2,825,913 2,858,552 96: 2,855,611 100: 2,855,612 101: 2,829,389 107: 2,820,973 109: 2,855,613 120.5: 2,848,726 121: 2,864,102 126: 2,855,614 129: 2,858,553 134: 2,828,492 2,830,310 2,855,615 138: 2,845,639 139: 2,849,733 2,863,160 140: 2,828,493 152: Re.24,572 153: 2,862,215 178: 2,824,316 11— 1: 2,820,974 2,820,975 2,840,834 2,851,708 2,853,725 2,854,679 4: 2,820,230 1: 2,828,494 2,850,749 2,856,618 8.3: 2,843,863 8.8: 2,827,644 12.1: 2,844,831 12.3: 2,846,702 12.4: 2,819,477 17: 2,832,974 2,840,835 20: 2,828,495 31.5: 2,852,789 34.5: 2,855,616 36: 2,828,496 2,843,864 2,861,282 38: 2,847,687 2,853,726 2,861,283 2,863,161 42: 2,856,619 51: 2,850,750 53.1: 2,856,620 53.5: 2,840,836 53.6: 2,824,317 53.7: 2,861,284 55: 2,849,734 67: 2,850,751 85: 2,829,386 2,825,076 120.5: 2,851,709 136: 2,850,752 142: 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	2, 836, 855		2, 864, 663	89:	2, 854, 703		2, 847, 720		2, 847, 721		2, 841, 836
	2, 840, 857	55:	2, 818, 605	90:	2, 825, 935		2, 852, 814		2, 849, 758		2, 848, 761
	2, 848, 744		2, 818, 606	91:	2, 836, 858	1. 2:	2, 842, 807		2, 849, 759		2, 848, 762
45:	2, 832, 096		2, 819, 493	93:	2, 862, 247		2, 827, 669		2, 857, 632		2, 854, 709
	2, 835, 923		2, 819, 494	96:	2, 825, 097	1. 4:	2, 834, 063		2, 864, 132		2, 865, 062
	2, 845, 658		2, 820, 252	98:	2, 840, 859		2, 838, 805		2, 866, 235		2, 865, 063
	2, 848, 745		2, 829, 402		2, 847, 716		2, 853, 744	16:	2, 823, 429	56. 5:	2, 827, 672
	2, 850, 768		2, 830, 326	99:	2, 835, 929		2, 831, 219		2, 831, 219		2, 834, 999
	2, 851, 729		2, 834, 054	105:	2, 825, 936	1. 6:	2, 822, 583		2, 839, 791		2, 838, 809
	2, 855, 053		2, 834, 992	106:	2, 847, 717		2, 836, 860		2, 843, 886		2, 838, 810
47:	2, 851, 330		2, 835, 925	107:	2, 857, 627		2, 862, 252		2, 848, 759		2, 849, 762
	2, 851, 331		2, 838, 802	109:	2, 823, 423	2:	2, 820, 256		2, 853, 747		2, 856, 650
	2, 859, 088		2, 841, 826	112:	2, 842, 802		2, 820, 990		2, 863, 181		2, 822, 586
	2, 860, 947		2, 847, 710		2, 851, 736		2, 866, 236		2, 866, 236	57. 5:	2, 822, 586
47. 3:	2, 822, 579		2, 847, 711	114:	2, 832, 098		2, 825, 098		2, 819, 498		2, 825, 100
	2, 862, 242		2, 847, 712		2, 848, 755		2, 833, 000	19:	2, 832, 105		2, 830, 334
47. 5:	2, 819, 491		2, 854, 699	115:	2, 856, 641		2, 835, 931		2, 837, 780		2, 834, 072
	2, 819, 492		2, 862, 244	116:	2, 831, 216		2, 837, 777		2, 842, 808		2, 835, 000
	2, 821, 751		2, 863, 174		2, 865, 055		2, 837, 778		2, 844, 849		2, 838, 811
	2, 827, 666	55. 1:	2, 848, 750	129:	2, 849, 754		2, 841, 832		2, 845, 664		2, 839, 795
	2, 831, 215		2, 851, 734		2, 860, 381		2, 842, 806		2, 847, 726		2, 842, 811
	2, 834, 052	56:	2, 845, 751		2, 862, 245		2, 844, 848		2, 850, 772		2, 844, 851
	2, 834, 053		2, 859, 482	130:	2, 825, 937		2, 845, 663		2, 854, 707		2, 846, 735
	2, 834, 991	57:	2, 822, 581		2, 854, 985		2, 846, 732		2, 854, 708		2, 847, 728
	2, 838, 799		2, 825, 421		2, 840, 860		2, 848, 756		2, 855, 637		2, 848, 763
	2, 846, 726		2, 825, 094		2, 846, 730		2, 848, 757		2, 857, 633		2, 848, 764
	2, 848, 746		2, 834, 993		2, 847, 718		2, 849, 755		2, 860, 386		2, 848, 765
	2, 848, 747		2, 837, 770		2, 858, 574		2, 850, 771		2, 860, 387		2, 849, 494
	2, 848, 748		2, 841, 827	131:	2, 853, 743		2, 854, 705		2, 862, 256		2, 862, 259
	2, 851, 730		2, 846, 727	134:	2, 821, 752		2, 855, 635		2, 864, 133		2, 862, 260
	2, 851, 731		2, 847, 713		2, 832, 998		2, 856, 645		2, 858, 579	22:	2, 824, 339
	2, 853, 741		2, 848, 752		2, 856, 642		2, 858, 580		2, 834, 067		2, 835, 935
	2, 854, 696		2, 850, 759		2, 857, 628		2, 858, 581	26:	2, 842, 809	62:	2, 820, 259
	2, 856, 635		2, 852, 811	135:	2, 819, 497		2, 860, 384	33:	2, 826, 786		2, 820, 260
	2, 856, 636		2, 852, 812		2, 834, 996		2, 862, 253	35:	2, 826, 787		2, 820, 994
	2, 856, 637		2, 852, 813		2, 850, 770		2, 863, 178		2, 826, 788		2, 822, 587
	2, 857, 624		2, 862, 245		2, 865, 056	4:	2, 822, 584		2, 827, 670		2, 830, 335
	2, 858, 569	58:	2, 834, 055	137:	2, 865, 057		2, 838, 807		2, 838, 808		2, 842, 812
	2, 858, 570		2, 837, 771	139:	2, 830, 329		2, 830, 330		2, 839, 792		2, 847, 729
	2, 859, 479		2, 848, 753		2, 834, 062		2, 830, 331		2, 839, 793		2, 857, 634
	2, 862, 243		2, 851, 735		2, 837, 774		2, 832, 100		2, 860, 388		2, 860, 391
	2, 864, 129	58. 3:	2, 839, 788		2, 840, 861		2, 832, 101		2, 860, 388		2, 865, 065
48:	2, 822, 580		2, 847, 714		2, 840, 862		2, 832, 102		2, 862, 257	63:	2, 819, 499
	2, 823, 420		2, 860, 379		2, 840, 863		2, 833, 001		2, 862, 257		2, 835, 001
	2, 827, 665	58. 4:	2, 847, 715		2, 858, 575		2, 833, 002	36:	2, 834, 997		2, 840, 870
	2, 832, 097	58. 6:	2, 845, 060		2, 862, 249		2, 834, 064	40:	2, 820, 991		2, 847, 730
	2, 838, 800		2, 854, 056	140:	2, 858, 576		2, 836, 861	40. 5:	2, 849, 760	64:	2, 818, 614
	2, 838, 801	59:	2, 823, 422	141:	2, 856, 643		2, 837, 779	42:	2, 825, 939		2, 826, 790
	2, 842, 799		2, 835, 926	142:	2, 841, 830		2, 838, 806		2, 831, 220		2, 829, 405
	2, 842, 800		2, 835, 927	143:	2, 837, 775		2, 839, 789		2, 841, 833		2, 837, 786
	2, 847, 709		2, 837, 772		2, 843, 883		2, 839, 790		2, 844, 850		2, 838, 812
	2, 851, 732		2, 840, 858		2, 860, 382		2, 840, 867		2, 850, 773		2, 839, 796
	2, 851, 733		2, 841, 828		2, 862, 250		2, 847, 723		2, 856, 649		2, 840, 868
	2, 853, 742		2, 842, 801		2, 863, 175		2, 848, 758		2, 865, 061		2, 846, 736
	2, 854, 697		2, 855, 630	143. 3:	2, 820, 253		2, 849, 756	45:	2, 860, 389		2, 848, 766
	2, 854, 698		2, 855, 631	146:	2, 828, 510		2, 851, 740	49:	2, 824, 340		2, 849, 763
	2, 856, 638		2, 855, 632		2, 842, 803		2, 851, 741	50:	2, 846, 733		2, 851, 744
	2, 857, 625		2, 856, 639		2, 842, 804		2, 853, 746	52:	2, 818, 609		2, 853, 749
	2, 859, 480		2, 857, 626		2, 851, 737		2, 854, 706		2, 820, 992		2, 856, 651
	2, 859, 481		2, 858, 572		2, 840, 864		2, 855, 636		2, 834, 068		2, 858, 583
	2, 860, 377		2, 859, 483	148:	2, 840, 864		2, 856, 646		2, 834, 069		2, 862, 261
	2, 860, 378		2, 862, 246	150:	2, 820, 254		2, 857, 630		2, 842, 807	67:	2, 811, 745
	2, 863, 173		2, 864, 130	155:	2, 840, 865		2, 857, 631		2, 841, 834		2, 855, 638
	2, 866, 231		2, 865, 054		2, 845, 661		2, 858, 582		2, 842, 810		2, 862, 262
48. 8:	2, 848, 749		2, 825, 095		2, 845, 662		2, 859, 489		2, 852, 816		2, 820, 261
53:	2, 832, 097	59. 3:	2, 837, 773		2, 855, 634		2, 862, 254	52. 1:	2, 828, 512	68:	2, 820, 261
	2, 835, 924		2, 819, 495	156:	2, 827, 668		2, 863, 179	52. 2:	Re. 24, 552		2, 839, 797
	2, 837, 768	60:	2, 859, 485		2, 859, 485		2, 863, 180		2, 821, 753		2, 848, 767
	2, 837, 769		2, 860, 380		2, 863, 176		2, 866, 233		2, 828, 513		2, 849, 764
	2, 845, 659	61:	2, 830, 327	157:	2, 851, 738		2, 820, 257		2, 828, 514	69:	2, 863, 183
	2, 858, 571	19— . 6:	2, 846, 728		2, 858, 577		2, 823, 426		2, 831, 221		2, 823, 431
54:	2, 821, 459		2, 834, 994	159:	2, 820, 255		2, 829, 404		2, 835, 934		2, 825, 940
	2, 822, 237	2:	2, 841, 829		2, 832, 099		2, 831, 218		2, 837, 781		2, 825, 941
	2, 824, 780	31:	2, 835, 928		2, 832, 999		2, 835, 932		2, 839, 794		2, 827, 673
	2, 824, 781	55:	2, 834, 057		2, 842, 805		2, 849, 757		2, 843, 887		2, 830, 336
	2, 825, 624		2, 838, 803		2, 842, 805		2, 856, 647		2, 846, 734		2, 838, 813
	2, 825, 625	65:	2, 822, 582	161:	2, 862, 251		2, 822, 585		2, 848, 760		2, 855, 639
	2, 829, 027		2, 838, 804	165:	2, 847, 719		2, 823, 427		2, 851, 743		2, 859, 495
	2, 829, 944		2, 843, 881		2, 866, 232		2, 834, 065		2, 859, 492		2, 859, 496
	2, 831, 748		2, 854, 700	20— . 6:	2, 823, 424		2, 836, 862		2, 862, 258		2, 862, 263
	2, 835, 551		2, 819, 496		2, 829, 403		2, 843, 885		2, 862, 259		2, 866, 237
	2, 838, 363	66:	2, 820, 988		2, 856, 644		2, 859, 490		2, 862, 255	52. 3:	2, 820, 258
	2, 838, 364		2, 834, 058		2, 857, 629		2, 862, 255	52. 4:	2, 852, 817		2, 827, 674
	2, 838, 365		2, 846, 729		2, 859, 486		2, 865, 058	53:	2, 820, 993	71:	2, 819, 500
	2, 839, 354		2, 854, 701	1:	2, 823, 425		2, 830, 332		2, 830, 333		2, 851, 746
	2, 840, 447		2, 855, 633		2, 836, 859		2, 832, 103		2, 845, 665		2, 866, 238
	2, 840, 448		2, 856, 640		2, 840, 866		2, 852, 815		2, 849, 761	74:	2, 821, 754
	2, 840, 449	67:	2, 825, 096		2, 846, 731		2, 860, 385		2, 850, 774		2, 823, 432
	2, 841, 462		2, 827, 667		2, 859, 487		2, 862, 255		2, 860, 390		2, 825, 942
	2, 841, 463		2, 830, 328		2, 863, 177		2, 865, 059		2, 863, 182		2, 837, 787

20—	79: 2,847,732 91: 2,831,223 2,833,004 2,836,863 2,837,788 2,847,733 2,851,747 92: 2,820,995 2,822,588 2,823,433 2,825,101 2,825,943 2,826,791 2,827,676 2,831,222 2,833,005 2,835,002 2,835,938 2,837,789 2,842,814 2,844,852 2,846,737 2,848,768 2,849,765 2,851,748 2,853,751 2,853,752 2,857,635 2,858,584 2,863,185 2,866,239 92.4: 2,820,996 92.7: 2,855,640 99: 2,824,342 2,828,515 2,834,073 2,848,769 2,856,652 100: 2,820,262 2,833,006 2,843,890	22—	36: 2,820,998 2,839,799 2,847,736 38: 2,835,004 2,843,893 40: 2,830,339 2,856,655 42: 2,854,712 2,857,636 2,859,499 2,864,136 43: 2,842,817 46: 2,852,820 57: 2,841,839 57.2: 2,818,616 2,824,346 2,825,104 2,829,407 2,835,940 2,837,790 2,837,791 2,838,814 2,847,737 2,849,767 2,851,750 2,858,586 2,861,302 2,862,265 57.3: 2,864,137 57.4: 2,852,821 2,857,637 2,865,007 57.5: 2,850,776 58: 2,821,756 2,842,818 2,849,768 58.5: 2,818,617 2,864,138 64: 2,842,819 65: 2,825,105 2,829,408 2,832,103 2,836,864 2,838,815 2,849,769 2,857,638 65.1: 2,847,738 67: 2,864,139 68: 2,832,109 2,837,792 2,837,793 2,837,794 2,839,800 2,847,739 2,848,770 2,848,771 2,856,656 2,862,266 2,863,187 2,866,240 69: 2,821,757 2,839,801 2,852,822 2,865,008 70: 2,835,005 2,837,795 2,830,340 73: 2,825,945 2,850,777 2,852,823 2,854,713 2,863,188 2,864,140 75: 2,842,820 76: 2,843,894 77: 2,843,895 2,861,303 79: 2,840,871 2,846,740 82: 2,820,999 83: 2,828,516 84: 2,836,865 85: 2,826,793 2,832,110 2,834,075 2,836,866 2,863,189 2,866,241 86: 2,820,263 89: 2,825,946 2,826,794 2,835,941 2,854,714 2,861,304 2,863,190 2,863,191 91: 2,819,501 93: 2,824,347 2,829,409 2,835,006 2,841,840 94: 2,837,795 2,843,896	22—	95: 2,820,264 2,842,821 95.7: 2,827,677 96: 2,841,841 100: 2,851,751 106: 2,828,517 2,841,842 107: 2,822,589 2,857,640 110: 2,822,590 112: 2,830,341 2,847,740 113: 2,835,942 113.5: 2,845,667 116: 2,855,643 118: 2,832,111 126: 2,837,797 128: 2,838,816 129: 2,820,265 2,820,266 2,825,106 2,843,897 2,860,392 131: 2,820,267 2,827,678 2,831,225 2,858,587 134: 2,832,112 2,835,007 139: 2,829,410 2,855,644 144: 2,864,141 147: 2,821,000 2,821,758 2,822,591 2,833,008 2,835,943 2,841,843 2,843,898 2,846,741 2,856,657 2,858,588 2,861,305 2,863,192 148: 2,832,113 151: 2,861,306 152: 2,850,778 157: 2,863,193 158: 2,855,645 164: 2,846,742 2,857,641 168: 2,845,668 173: 2,818,618 183: 2,864,142 193: 2,818,619 2,820,268 2,830,342 2,834,076 2,836,867 2,837,798 2,841,844 2,841,845 2,847,741 2,848,772 2,848,773 2,848,774 2,851,752 2,854,715 2,861,307 2,861,308 2,866,242 194: 2,818,620 2,825,107 2,834,077 196: 2,830,343 200: 2,819,502 2,822,592 2,845,669 2,848,775 2,854,716 200.1: 2,825,108 2,825,947 2,853,754 2,855,646 2,856,658 200.5: 2,824,348 2,833,009 2,853,755 201: 2,835,008 2,841,846 203: 2,829,411 204: 2,844,855 206: 2,837,799 209: 2,839,802 2,857,642 210: 2,856,659 213: 2,821,759 215: 2,819,503 2,837,800 2,840,872 216: 2,821,760 2,864,143 216.5: 2,858,589 23—	1: 2,853,361 2,855,268 2,857,240 2,862,786 2: 2,826,480 2,829,028 2,833,615 2,840,450 2,854,311 2,859,090 3: 2,837,398 2,837,399 2,839,356 2,842,423 2,850,352 2,856,258 2,860,030 2,866,679 4: 2,856,259 14: 2,823,095 2,829,029 2,829,946 2,834,648 2,837,400 2,844,435 2,849,275 2,849,276 2,850,353 2,850,354 2,852,335 2,854,312 2,856,260 2,862,787 2,865,706 14.5: 2,819,143 2,819,144 2,819,145 2,819,944 2,820,692 2,822,239 2,823,976 2,823,977 2,823,978 2,824,783 2,824,784 2,826,481 2,830,871 2,830,872 2,830,873 2,831,750 2,833,616 2,833,617 2,833,618 2,835,552 2,837,401 2,837,402 2,838,366 2,838,367 2,838,368 2,838,369 2,838,370 2,838,371 2,839,357 2,839,358 2,840,451 2,840,452 2,841,464 2,841,465 2,841,466 2,841,467 2,841,468 2,841,469 2,843,450 2,843,451 2,843,452 2,843,453 2,847,273 2,847,274 2,847,275 2,847,276 2,847,277 2,847,278 2,848,300 2,848,301 2,849,277 2,849,278 2,849,279 2,849,280 2,849,281 2,849,282 2,849,283 2,849,284 2,849,285 2,849,286 2,851,332 2,851,333 2,852,336 2,852,337 2,852,338 2,855,269 2,855,270 2,855,271 2,856,261 2,856,262 2,856,263	23—	14.5: 2,857,241 2,858,187 2,859,091 2,859,092 2,859,093 2,859,094 2,859,095 2,859,096 2,859,097 2,860,031 2,860,032 2,860,948 2,860,949 2,860,950 2,861,866 2,863,716 2,863,717 2,863,718 2,863,719 2,864,664 2,864,665 2,864,666 2,864,667 2,864,668 2,865,703 2,865,704 2,865,705 2,866,680 16: 2,823,096 18: 2,819,146 2,819,945 2,830,874 2,842,424 21: 2,822,240 23: 2,829,947 2,859,098 2,859,099 27: 2,828,182 32: 2,840,453 2,860,951 33: 2,831,403 38: 2,849,287 2,862,788 48: 2,833,619 2,840,454 50: 2,832,667 2,835,553 51: 2,827,360 2,833,620 2,841,470 2,844,436 2,850,355 56: 2,839,359 2,854,313 60: 2,828,183 2,851,334 61: 2,831,751 2,865,708 63: 2,837,404 2,840,455 2,843,454 2,845,329 2,855,272 2,861,867 64: 2,866,681 75: 2,850,356 79: 2,845,330 85: 2,828,184 2,853,362 2,858,138 87: 2,819,147 2,819,148 2,819,946 2,821,460 2,829,948 2,838,372 2,842,425 2,852,339 2,855,273 2,856,264 2,857,242 2,857,243 2,858,189 88: 2,819,149 2,828,185 2,842,426 2,853,363 2,857,252 2,865,709 90: 2,839,360 2,857,244 93: 2,835,554 2,843,455 95: 2,832,668 102: 2,835,555 2,847,279 103: 2,830,875 2,852,340 106: 2,844,437 107: 2,824,785 2,824,786 2,849,288 108: 2,839,361 2,865,710	23—	109: 2,852,341 2,857,245 110: 2,823,097 2,823,098 2,823,099 2,823,100 2,825,626 2,826,482 2,829,030 2,830,876 2,840,456 2,855,274 2,860,033 2,860,034 2,863,720 2,863,721 112: 2,841,471 113: 2,847,280 117: 2,822,241 2,823,101 2,839,364 2,845,331 2,849,289 2,850,357 118: 2,844,438 119: 2,838,373 2,845,332 2,848,302 2,852,342 2,862,789 121: 2,853,364 2,861,868 122: 2,822,242 2,851,335 123: 2,844,439 2,850,358 2,861,869 131: 2,819,150 2,864,669 134: 2,838,374 2,860,952 2,865,712 136: 2,854,314 140: 2,827,361 2,830,877 2,828,186 2,829,949 2,833,621 2,833,622 2,838,375 143: 2,820,093 2,820,694 2,843,456 2,852,343 2,855,275 2,859,100 145: 2,822,243 146: 2,837,405 147: 2,837,406 149: 2,833,623 2,855,276 151: 2,831,752 2,841,472 2,855,277 2,861,870 2,833,624 2,834,649 2,861,871 2,863,722 2,866,683 153: 2,832,669 2,846,290 2,865,711 154: 2,825,627 2,832,670 157: 2,837,407 2,853,365 2,860,953 159: 2,854,315 160: 2,860,035 165: 2,843,457 2,857,246 2,865,713 166: 2,851,336 2,862,790 167: 2,819,947 2,820,695 2,833,625 168: 2,863,723 172: 2,819,948 2,856,265 2,862,791 2,863,724 2,864,670 2,866,684 173: 2,857,247 174: 2,820,696 2,822,244 2,826,483 2,832,671 2,841,473 2,856,266
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23— 174: 2,858,190	23— 212: 2,830,880	23— 286: 2,856,272	24— 66: 2,843,901	24— 134: 2,836,870	24— 211: 2,856,665
176: 2,846,291	219: 2,864,671	288: 2,819,951	2,851,754	2,845,674	2,865,076
177: 2,825,628	223.5: 2,823,983	2,820,702	2,861,309	2,865,073	213: 2,851,757
2,847,281	224: 2,863,732	2,828,189	67: 2,856,660	136: 2,821,001	216: 2,838,820
2,858,191	225: 2,819,950	2,829,955	68: 2,825,109	137: 2,818,624	217: 2,829,416
178: 2,839,365	2,834,653	2,832,675	2,835,946	2,824,350	2,829,416
2,858,192	2,836,481	2,833,631	2,852,827	2,840,874	2,838,821
179: 2,822,245	227: 2,821,461	2,833,632	2,866,244	138: 2,825,952	218: 2,819,506
181: 2,856,267	230: 2,819,153	2,834,656	69: 2,861,310	139: 2,825,953	221: 2,818,626
2,863,725	2,820,699	2,834,657	71: 2,831,227	140: 2,845,675	2,839,808
2,863,726	2,827,364	2,834,658	71.1: 2,843,902	142: 2,821,764	2,843,907
182: 2,819,151	2,830,881	2,835,559	71.2: 2,834,078	150: 2,854,719	2,850,781
2,823,979	2,832,673	2,835,560	72.5: 2,826,795	152: 2,834,082	2,850,782
2,823,980	2,834,654	2,838,381	2,857,643	153: 2,835,950	226: 2,866,246
2,854,316	2,836,482	2,838,382	73: 2,820,270	156: 2,823,436	227: 2,821,002
2,856,268	2,838,377	2,843,460	2,821,761	2,833,013	230: 2,821,003
2,862,792	2,839,368	2,843,592	2,825,948	2,843,904	2,840,878
183: 2,863,727	2,845,334	2,845,335	2,830,345	2,854,720	2,843,908
2,845,333	2,850,359	2,846,293	2,833,010	2,860,397	2,853,759
184: 2,825,629	2,851,338	2,847,284	2,833,011	2,863,199	2,858,593
2,830,878	2,854,317	2,850,364	2,835,009	157: 2,829,413	2,863,200
2,837,408	2,862,796	2,850,365	2,839,803	2,861,315	230.5: 2,864,147
2,844,440	2,863,733	2,850,366	2,839,804	158: 2,822,594	232: 2,866,247
185: 2,862,793	2,865,718	2,852,350	2,842,822	160: 2,833,014	233: 2,863,201
188: 2,833,626	2,865,719	2,853,367	2,842,823	161: 2,850,780	236: 2,820,274
190: 2,827,362	231: 2,863,734	2,853,368	2,846,743	163: 2,840,875	2,849,776
2,827,363	232: 2,823,984	2,853,369	2,852,828	2,860,398	238: 2,826,798
2,835,556	2,829,952	2,853,370	2,852,829	164: 2,847,746	2,833,017
2,837,409	2,848,306	2,854,319	2,860,394	167: 2,861,316	239: 2,825,112
2,837,410	2,848,307	2,856,273	2,861,311	168: 2,855,650	241: 2,833,018
2,841,474	2,849,291	2,860,955	2,862,267	170: 2,822,595	2,835,013
2,853,366	2,855,280	2,862,798	2,863,194	2,826,796	2,848,777
2,863,728	2,857,251	2,865,721	2,863,195	2,836,871	2,853,760
2,865,714	252: 2,837,413	2,866,692	2,863,196	2,847,747	242: 2,821,766
191: 2,822,246	2,850,360	289: 2,853,371	74: 2,835,010	171: 2,840,876	2,857,644
2,824,787	2,863,735	2,861,873	75: 2,818,623	175: 2,844,856	243: 2,848,778
2,832,672	253: Re.24,553	290: 2,845,336	2,862,268	178: 2,853,756	245: 2,843,909
2,834,650	2,838,378	292: 2,819,952	2,864,145	179: 2,846,745	2,857,645
2,839,366	2,843,459	293: 2,855,282	77: 2,836,868	181: 2,854,721	246: 2,845,679
2,865,715	2,848,308	294: 2,858,198	81: 2,820,271	182: 2,856,663	248: 2,849,777
2,866,685	2,866,690	295: 2,863,739	2,821,762	186: 2,828,521	2,866,248
193: 2,823,981	254: 2,823,985	299: 2,860,038	2,824,349	188: 2,865,074	249: 2,821,767
2,825,630	2,824,789	300: 2,823,102	2,825,949	197: 2,823,437	2,852,830
2,855,278	2,829,032	2,845,337	2,831,228	2,853,757	2,854,723
198: 2,852,344	2,829,953	2,847,285	2,835,947	2,862,271	250: 2,819,507
200: 2,838,376	2,833,629	2,856,274	2,837,803	198: 2,828,522	2,837,806
2,866,686	2,863,736	301: 2,851,341	2,838,818	200: 2,843,905	251: 2,832,121
2,823,982	2,866,691	2,851,342	2,847,743	2,849,773	252: 2,822,596
2,828,187	255: 2,821,462	2,858,199	2,855,648	201: 2,825,110	2,829,417
2,833,627	2,829,954	2,863,740	2,858,590	2,829,414	2,841,853
2,842,428	259: 2,827,365	305: 2,848,310	2,865,072	2,833,015	2,842,825
2,848,303	259.1: 2,864,672	308: 2,835,561	84: 2,837,804	2,833,016	2,853,761
2,858,193	259.5: 2,825,633	309: 2,852,351	2,839,805	2,834,083	253: 2,835,014
2,822,247	2,864,673	2,860,956	2,845,671	2,843,906	258: 2,863,202
2,825,631	260: 2,823,986	310: 2,822,249	2,855,649	2,845,676	259: 2,830,350
2,829,031	2,837,414	2,831,754	86: 2,821,763	2,845,677	2,840,879
2,835,557	2,850,361	2,838,383	87: 2,825,950	2,858,591	2,841,854
2,848,304	2,851,339	2,840,459	90: 2,860,395	2,837,805	2,852,831
2,858,194	2,852,347	312: 2,822,248	2,863,197	2,845,678	2,861,318
2,865,716	2,858,195	2,862,799	97: 2,823,435	2,824,351	261: 2,823,438
204: 2,829,950	262: 2,849,292	313: 2,828,190	2,834,079	2,853,758	2,849,778
2,849,290	2,852,348	2,844,444	100.5: 2,861,312	2,837,806	2,856,666
2,857,248	263: 2,839,369	2,848,311	102: 2,847,744	204: 2,841,850	2,832,122
2,863,729	2,863,737	2,828,191	103: 2,833,012	205: 2,820,272	2,834,085
205: 2,820,698	264: 2,826,454	2,835,562	2,851,755	2,828,523	2,864,148
2,833,628	2,855,281	2,837,415	106: 2,825,951	205.1: 2,841,851	2,866,249
2,840,457	2,826,454	2,844,445	107: 2,843,903	205.11: 2,818,625	2,820,275
2,843,458	2,831,753	2,864,674	108: 2,835,948	2,819,504	2,824,353
2,844,441	2,833,630	1: 2,831,226	2,846,744	2,826,797	2,830,351
2,857,249	2,842,429	3: 2,823,434	2,847,745	2,837,805	2,839,809
2,861,872	2,858,196	2,835,944	113: 2,830,346	2,845,678	2,845,680
206: 2,824,788	270: 2,828,188	2,835,945	2,832,117	2,834,084	2,846,746
2,844,442	2,847,282	2,841,847	2,834,080	2,835,951	2,850,783
2,857,250	2,820,700	2,852,824	2,836,869	2,836,872	270: 2,843,910
2,866,687	2,847,283	2,852,825	2,850,779	2,842,824	2,835,015
207: 2,819,949	2,850,362	2,864,144	114.5: 2,860,396	2,849,774	271: 2,835,015
2,837,411	2,852,349	5: 2,843,899	2,862,269	2,856,664	273: 2,821,004
2,860,036	271: 2,820,701	9: 2,820,269	2,865,069	2,862,272	2,841,855
2,862,794	273: 2,819,154	10: 2,832,114	2,865,661	2,835,011	2,820,276
208: 2,819,152	2,827,366	11: 2,837,801	2,845,672	2,839,806	2,825,113
2,834,651	2,846,292	13: 2,818,621	2,856,661	2,841,852	2,828,524
2,840,458	2,854,318	16: 2,859,500	2,861,314	2,849,775	2,821,768
2,841,475	2,856,270	19: 2,847,742	120: 2,841,849	2,864,146	2,826,799
2,856,269	2,862,797	20: 2,832,115	121: 2,845,673	2,865,075	2,828,525
2,860,337	276: 2,830,882	23: 2,830,344	122.6: 2,856,662	205.15: 2,819,505	2,834,086
2,862,795	2,865,920	25: 2,866,243	2,849,771	2,820,273	2,835,954
2,863,730	277: 2,834,655	27: 2,849,770	123: 2,828,519	2,821,765	2,845,681
209: 2,834,652	2,848,305	28: 2,865,070	2,832,118	2,824,352	2,851,758
2,835,558	2,851,340	30.5: 2,818,622	2,840,873	2,829,415	2,852,832
2,839,367	2,858,197	31: 2,852,826	2,849,772	2,835,952	2,853,762
2,850,494	2,859,101	33: 2,851,753	2,863,198	2,835,953	2,863,203
2,860,954	2,863,738	39: 2,832,116	2,862,270	2,839,807	2,825,114
2,863,731	279: 2,838,379	41: 2,841,848	2,827,680	2,840,877	2,864,149
2,866,688	281: 2,849,293	49: 2,828,518	2,834,081	2,854,722	2,865,077
209.1: 2,837,412	284: 2,841,476	66: 2,822,593	2,835,949	2,855,651	2,822,597
2,866,689	2,848,309	2,837,802	2,838,819	2,862,273	2,842,826
209.4: 2,851,337	2,849,294	2,838,819	2,848,776	2,862,274	2,855,653
2,852,345	2,849,295	129: 2,835,012	2,854,718	2,866,245	2,825,954
2,865,717	2,850,363	131: 2,831,229	2,829,412	205.16: 2,858,592	2,835,016
209.6: 2,829,951	2,856,271	134: 2,829,412	2,847,748	205.17: 2,832,120	2,858,594
2,844,443	2,865,720	2,837,802	2,838,819	206: 2,825,111	8: 2,832,123
2,852,346	285: 2,832,674	2,838,819	2,843,900	208: 2,851,756	16: 2,825,955
209.8: 2,825,632	2,838,380	2,838,819	2,843,900	211: 2,847,748	22: 2,844,857
2,830,879	2,854,320	2,843,900			27: 2,856,667

25— 30: 2,822,598 2,823,439 2,829,418 2,845,682 2,850,784 2,858,595 38: 2,819,508 2,862,276 2,863,204 39: 2,863,205 41: 2,821,005 2,824,354 2,831,230 2,833,019 2,856,668 2,859,502 42: 2,819,509 2,830,352 43: 2,847,749 45: 2,836,873 2,846,747 93: 2,844,858 103: 2,839,810 2,842,827 104: 2,827,681 105: 2,822,599 118: Re. 24,425 2,824,355 2,826,800 2,827,682 2,831,231 2,833,020 2,834,088 2,835,017 2,836,874 2,837,807 2,843,911 2,843,912 2,845,683 2,846,748 2,846,749 2,857,646 2,863,206 2,863,207 2,866,250 2,866,251 120: 2,850,785 121: 2,819,510 2,823,440 2,831,232 2,834,089 2,835,018 2,853,763 2,854,724 2,864,150 127: 2,865,078 128: 2,818,627 2,819,511 2,836,875 2,854,725 2,865,079 129: 2,818,628 2,849,779 130: 2,827,683 2,828,526 131: 2,818,629 2,823,441 2,825,115 2,825,116 2,825,956 2,826,801 2,838,822 2,845,684 2,845,685 2,849,780 2,851,759 2,857,647 2,859,503 2,862,277 131.5: 2,823,442 2,846,750 2,854,726 2,855,654 2,866,252 132: 2,855,655 2,856,669 153: 2,854,727 154: 2,825,957 2,839,811 2,839,812 2,857,648 2,859,504 155: Re. 24,524 2,840,880 2,841,856 2,843,913 2,850,786 155.5: 2,851,760 2,858,596 156: 2,821,006 2,822,600 2,829,419 2,830,348 2,835,019 2,843,914	25— 156: 2,862,278 26— 2: 2,820,277 18.5: 2,831,233 2,842,828 18.6: 2,849,781 2,849,782 2,849,783 29: 2,857,649 55: 2,826,802 2,838,823 56: 2,821,769 57: 2,831,234 62: 2,822,601 63: 2,823,443 2,846,751 2,848,779 64: 2,839,813 69: 2,825,117 2,852,833 27— 6: 2,830,354 2,836,876 7: 2,848,780 12: 2,839,814 2,848,781 2,859,505 14: 2,850,787 17: 2,821,770 2,830,355 2,830,356 2,835,955 2,848,782 18: 2,848,783 21: 2,839,815 2,841,857 2,850,788 2,856,670 24: 2,836,877 32: 2,835,956 35: 2,851,761 28— 1: 2,820,278 2,821,007 2,825,118 2,829,420 2,837,808 2,842,829 2,845,686 2,854,728 2,854,729 2,859,506 2,862,279 2,865,080 4: 2,845,687 2,857,650 15: 2,860,399 17: 2,822,602 19: 2,834,090 2,838,824 2,854,730 2,865,081 20: 2,832,124 21: 2,854,731 22: 2,820,279 2,844,859 28: 2,822,603 2,849,784 2,851,763 2,856,671 2,862,290 2,866,254 32: 2,843,915 36: 2,819,512 2,822,604 38: 2,834,091 40: 2,860,400 46: 2,828,527 51: 2,825,119 2,844,860 62: 2,820,280 64: 2,821,008 2,844,861 72: 2,818,630 2,821,771 2,822,605 2,825,958 2,834,092 2,845,688 2,846,752 2,849,785 2,857,651 2,857,652 2,863,208 2,866,255 72.3: 2,843,916 72.6: 2,847,750 74: 2,831,235 2,833,022 2,841,858 75: 2,862,281 76: 2,823,444 2,828,528 2,842,125 2,837,809 2,852,834 2,857,653	28— 78: 2,827,684 2,834,093 2,864,151 79: 2,835,020 2,840,881 80: 2,845,689 2,849,786 2,857,654 2,862,282 2,862,283 81: 2,820,421 2,840,882 82: 2,825,120 2,861,319 2,862,284 2,866,256 29— 1: 2,831,236 2,831,237 2,835,021 2,840,883 2,844,862 1.1: 2,852,835 1.21: 2,834,094 1.3: 2,840,884 3: 2,841,859 6: 2,827,685 10: 2,858,597 19: 2,835,022 2,859,507 2,860,401 24.5: 2,827,686 25.12: 2,864,152 25.13: 2,840,886 2,842,832 25.14: 2,845,690 2,846,753 25.17: 2,845,691 25.19: 2,831,238 2,831,239 2,836,879 2,848,784 25.2: 2,824,356 25.3: 2,819,513 2,822,606 2,829,422 2,836,878 2,840,885 2,841,860 2,842,830 2,842,831 2,858,598 2,865,082 25.35: 2,861,320 25.42: 2,839,816 2,861,321 2,865,083 27: 2,821,009 2,823,445 33: 2,829,423 37: 2,825,121 2,833,023 2,844,863 38: 2,850,789 45: 2,850,790 57: 2,829,424 66: 2,846,754 67: 2,829,425 2,848,785 68: 2,843,917 2,856,672 69: 2,833,024 2,836,880 2,838,825 2,851,862 2,854,733 2,866,257 76: 2,823,446 2,832,126 2,835,957 2,845,692 78: 2,820,281 79: 2,842,833 80: 2,843,025 2,839,817 2,846,755 81: 2,857,655 90: 2,835,958 2,841,861 2,843,918 2,850,791 2,863,209 93: 2,848,786 95: 2,831,240 2,848,787 95.1: 2,827,687 2,831,241 2,855,656 2,823,447 2,825,959 2,828,529 2,833,026 2,835,023 2,838,826 2,838,827 2,846,756	29— 96: 2,848,788 2,848,789 2,849,787 2,854,734 2,854,735 2,860,402 2,862,285 2,865,084 97: 2,861,322 98: 2,825,122 2,856,673 102: 2,825,123 103: 2,822,607 2,826,803 2,828,530 2,838,828 2,855,657 2,858,599 2,859,508 2,861,323 2,864,153 105: 2,823,448 2,835,024 2,840,887 2,846,757 2,855,658 2,862,286 2,863,210 108: 2,848,790 2,851,764 119: 2,840,888 123: 2,866,258 148.3: 2,864,154 148.4: 2,823,449 2,824,357 2,847,751 2,848,791 2,850,792 2,852,836 149.5: 2,821,010 2,838,829 2,857,656 155: 2,844,864 155.5: 2,818,631 2,829,426 2,834,095 2,836,881 2,845,693 2,848,792 2,848,793 2,851,765 2,853,764 2,853,765 2,864,155 2,864,156 155.54: 2,864,157 155.55: 2,818,632 2,821,011 2,824,358 2,825,960 2,832,127 2,835,959 2,856,674 2,861,324 155.57: 2,840,889 2,845,694 2,848,794 2,860,405 2,865,086 155.58: 2,819,514 155.59: 2,860,403 2,862,287 155.6: 2,865,085 155.61: 2,842,834 156.4: 2,852,837 2,853,766 156.6: 2,827,688 2,834,096 156.62: 2,830,358 156.8: 2,819,515 2,821,012 2,825,124 2,828,531 2,830,357 2,835,960 2,843,919 2,846,758 2,849,788 2,856,675 2,857,657 157: 2,828,532 2,834,096 157.1: 2,834,097 2,843,920 157.3: 2,821,772 2,828,533 2,835,025 2,835,961 2,838,830 2,845,695 2,850,793 2,857,658 2,857,659 2,857,660 2,859,509	29— 157.4: 2,850,510 157.6: 2,839,818 159: 2,826,804 2,861,325 2,865,087 159.01: 2,842,835 159.1: 2,825,961 159.2: 2,845,696 2,850,794 163.5: 2,830,359 2,861,326 169.5: 2,845,697 173: 2,833,027 180: 2,840,890 182: 2,818,633 2,826,805 2,839,819 2,842,836 2,843,921 2,849,789 2,853,767 182.3: 2,863,211 182.5: 2,818,634 2,829,427 2,831,242 2,831,243 2,840,891 2,841,862 2,848,795 2,854,736 2,855,659 2,862,288 2,866,259 187.5: 2,843,922 191.2: 2,837,811 2,846,759 193: 2,842,837 193.5: 2,846,760 194: 2,824,359 2,834,098 2,845,698 2,848,796 2,848,797 2,851,766 2,853,768 2,854,737 2,854,738 2,855,660 2,865,088 195: 2,821,013 196.2: 2,849,790 197.5: 2,821,014 198: 2,854,739 2,858,600 2,861,327 200: 2,820,282 2,851,767 2,860,404 201: 2,844,865 2,852,838 2,860,406 2,857,661 202: 2,866,260 2,820,283 203: 2,821,015 2,835,026 2,835,962 2,842,838 2,843,923 2,850,795 2,853,769 2,865,089 204: 2,825,125 2,828,534 2,829,428 205: 2,856,676 207: 2,824,360 208: 2,853,770 2,861,328 2,862,289 209: 2,865,090 211: 2,821,773 2,821,774 2,824,361 2,825,126 2,835,027 2,835,963 2,837,812 2,840,892 212: 2,833,028 213: 2,829,429 2,851,768 2,856,677 2,861,329 218: 2,830,360 222: 2,856,678 2,862,290 2,865,091 227: 2,820,284 2,837,813 2,839,820 2,863,212 229: 2,832,128 2,835,028	29— 235: 2,824,362 2,830,361 2,839,821 2,840,893 236: 2,828,535 237: 2,821,775 239: 2,862,291 240: 2,819,516 2,823,450 2,849,791 2,858,601 240.5: 2,832,129 2,855,661 241: 2,836,882 245: 2,818,635 2,839,822 2,851,769 252: 2,837,814 253: 2,854,740 255: 2,855,662 257: 2,834,099 258: 2,820,285 259: 2,821,776 2,821,777 2,825,127 261: 2,824,363 2,834,100 2,835,029 2,840,894 267: 2,837,815 271: 2,826,806 2,826,807 2,848,798 275: 2,839,823 2,860,408 2,861,330 278: 2,853,772 280: 2,847,752 282: 2,826,808 284: 2,827,689 2,838,831 2,843,924 2,852,839 2,861,331 286: 2,821,778 2,853,771 287: 2,853,773 288: 2,823,451 2,826,809 2,827,690 2,835,964 2,836,883 2,846,761 2,847,753 289: 2,825,128 401: 2,856,679 404: 2,842,839 406: 2,828,536 2,864,158 409: 2,844,866 411: 2,847,754 413: 2,826,810 2,841,863 2,858,602 2,862,292 414: 2,837,816 416: 2,822,608 417: 2,839,824 418: 2,841,864 419: 2,845,699 421: 2,841,865 422: 2,864,159 423: 2,833,029 2,836,884 2,841,866 2,851,770 424: 2,821,016 2,829,430 2,837,817 2,855,664 427: 2,843,925 2,853,774 428: 2,838,832 2,854,742 429: 2,847,755 2,848,799 2,849,792 2,866,261 432: 2,856,680 2,859,511 2,865,092 433: 2,840,895 2,862,293 441: 2,855,665 446: 2,835,957 447: 2,848,800 449: 2,857,662 450: 2,840,896 2,850,797 452: 2,861,332 453: 2,832,130
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29— 454: 2, 818, 636	30— 6.4: 2, 858, 604	30— 141: 2, 859, 515	32— 2: 2, 854, 746	33— 21: 2, 859, 522	33— 102: 2, 853, 784
455: 2, 824, 364	8: 2, 843, 930	147: 2, 839, 830	5: 2, 826, 814	23: 2, 823, 456	104: 2, 821, 294
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2, 839, 825	2, 866, 263	152: 2, 832, 135	2, 835, 034	2, 838, 838	107: 2, 820, 295
458: 2, 842, 840	16: 2, 818, 639	153: 2, 820, 291	2, 836, 891	2, 847, 761	2, 826, 816
463: 2, 838, 533	2, 825, 966	159: 2, 826, 813	8: 2, 849, 794	2, 855, 677	122: 2, 864, 170
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470.5: 2, 835, 965	2, 855, 095	2, 854, 745	2, 835, 035	2, 859, 523	2, 842, 851
2, 835, 966	22: 2, 845, 703	2, 862, 266	2, 857, 670	27: 2, 818, 650	2, 842, 852
470.9: 2, 847, 756	2, 861, 337	164.9: 2, 847, 758	14: 2, 821, 020	2, 824, 373	2, 846, 769
471.1: 2, 851, 771	2, 836, 886	2, 848, 809	2, 822, 612	2, 825, 136	2, 861, 345
471.5: 2, 820, 286	2, 858, 605	2, 851, 774	2, 854, 747	2, 827, 701	126.4: 2, 837, 145
2, 846, 762	28: 2, 829, 433	166: 2, 851, 775	2, 825, 134	2, 832, 140	126.5: 2, 847, 762
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472.7: 2, 835, 967	2, 839, 827	169: 2, 818, 642	2, 863, 215	2, 855, 678	126.6: 2, 854, 752
2, 836, 802	30: 2, 849, 793	2, 821, 017	2, 829, 435	2, 857, 674	126.7: 2, 844, 875
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2, 852, 840	32: 2, 820, 287	172: 2, 846, 764	2, 841, 871	28: 2, 818, 651	2, 851, 780
2, 856, 681	31: 2, 826, 812	173: 2, 858, 609	2, 841, 872	30: 2, 831, 251	2, 855, 682
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483: 2, 819, 517	2, 858, 606	2, 860, 412	2, 855, 671	2, 833, 041	2, 856, 692
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488: 2, 834, 101	2, 838, 836	2, 840, 904	28: 2, 853, 787	2, 861, 343	137: 2, 820, 296
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492: 2, 824, 365	2, 861, 338	223: 2, 860, 413	2, 866, 267	2, 829, 436	138: 2, 835, 038
2, 856, 682	2, 866, 265	226: 2, 840, 905	32: 2, 824, 371	44: 2, 827, 703	2, 842, 853
494: 2, 822, 609	41.5: 2, 824, 367	228: 2, 818, 643	2, 840, 911	46: 2, 819, 527	139: 2, 854, 753
2, 837, 818	42: 2, 827, 692	2, 823, 454	2, 865, 102	2, 822, 615	140: 2, 824, 374
495: 2, 842, 841	2, 837, 819	2, 827, 696	2, 821, 021	2, 822, 615	141: 2, 821, 782
2, 845, 700	43: 2, 819, 518	2, 844, 872	2, 823, 455	2, 827, 704	141.5: 2, 834, 113
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497: 2, 834, 102	2, 827, 693	2, 846, 765	2, 830, 371	2, 835, 036	143: 2, 822, 620
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505: 2, 842, 842	2, 830, 365	238: 2, 847, 760	2, 859, 519	2, 865, 105	2, 828, 546
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506: 2, 865, 094	2, 839, 829	2, 837, 823	40: 2, 831, 249	47: 2, 825, 137	2, 841, 874
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509: 2, 852, 842	2, 844, 869	2, 864, 164	50: 2, 818, 647	2, 861, 344	2, 854, 754
511: 2, 843, 926	2, 851, 772	251: 2, 834, 107	58: 2, 825, 135	2, 825, 135	2, 855, 683
513: 2, 857, 665	2, 856, 684	253: 2, 825, 133	2, 828, 544	2, 825, 137	2, 855, 684
516: 2, 845, 701	2, 858, 607	260: 2, 819, 523	2, 862, 298	2, 870, 373	2, 856, 693
2, 854, 744	2, 859, 513	261: 2, 848, 810	59: 2, 842, 844	2, 836, 895	2, 862, 301
517: 2, 828, 537	46: 2, 850, 801	264: 2, 861, 340	2, 845, 709	2, 848, 814	144: 2, 832, 148
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528: 2, 854, 732	2, 846, 763	283: 2, 828, 542	2, 862, 299	2, 862, 299	2, 831, 254
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553: 2, 826, 811	2, 833, 034	2, 858, 611	2, 860, 415	2, 835, 976	2, 834, 114
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558: 2, 853, 775	2, 862, 295	331: 2, 820, 293	2, 825, 971	2, 822, 619	2, 849, 798
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3: 2, 824, 366	106: 2, 842, 843	355: 2, 825, 968	2, 865, 107	2, 832, 143	153: 2, 864, 172
4: 2, 825, 963	114: 2, 841, 868	2, 834, 108	2, 869, 108	2, 833, 043	154: 2, 831, 255
2, 827, 691	116: 2, 825, 131	31— 20: 2, 840, 907	2, 831, 250	2, 833, 043	158: 2, 824, 377
2, 831, 246	122: 2, 845, 705	21: 2, 825, 969	2, 860, 416	2, 833, 043	159: 2, 845, 715
2, 840, 899	123: 2, 820, 289	2, 845, 707	8: 2, 818, 648	2, 834, 112	161: 2, 846, 770
2, 850, 799	124: 2, 837, 821	34: 2, 840, 908	9: 2, 827, 700	2, 835, 977	162: 2, 821, 022
2, 853, 776	2, 860, 410	46: 2, 840, 909	11: 2, 818, 649	2, 855, 681	163: 2, 820, 299
2, 861, 336	125: 2, 837, 822	47: 2, 857, 669	18: 2, 842, 847	2, 858, 613	2, 843, 938
6.1: 2, 825, 964	129: 2, 844, 871	48: 2, 846, 767	20: 2, 859, 521	2, 865, 107	164: 2, 819, 529
2, 825, 965	131: 2, 856, 686	49: 2, 841, 870	2, 863, 217	2, 866, 269	2, 835, 979
2, 834, 103	134: 2, 865, 099	89: 2, 840, 460	2, 832, 139	2, 859, 527	2, 851, 781
2, 845, 702	135: 2, 819, 521	32— 2: 2, 830, 370	2, 844, 874	2, 866, 270	2, 856, 694
2, 850, 800	136: 2, 820, 290	2, 836, 890	2, 852, 847	2, 832, 144	165: 2, 822, 621
2, 852, 844					166: 2, 829, 439
6.4: 2, 840, 900					167: 2, 835, 040

33— 167: 2,861,346 2,865,108 168: 2,827,706 2,831,256 2,837,828 2,840,916 2,847,764 2,853,786 169: 2,819,537 2,827,707 2,836,899 2,839,835 2,855,685 170: 2,841,876 2,844,878 2,855,686 2,855,687 172: 2,819,531 2,826,973 2,831,257 2,831,258 2,832,151 2,834,115 2,835,041 2,835,980 2,840,917 2,840,918 2,842,556 2,846,771 2,848,817 2,849,799 2,849,800 2,851,782 2,852,849 2,852,850 2,860,418 2,860,419 174: 2,820,300 2,821,023 2,823,460 2,825,140 2,825,974 2,825,975 2,826,819 2,827,708 2,827,709 2,830,374 2,831,259 2,831,260 2,833,047 2,835,042 2,835,981 2,835,982 2,838,841 2,839,836 2,840,919 2,842,857 2,843,939 2,844,879 2,846,772 2,852,851 2,852,852 2,852,853 2,853,787 2,854,756 2,854,757 2,855,688 2,855,689 2,855,690 2,856,695 2,856,696 2,858,615 2,858,616 2,859,529 2,859,530 2,860,420 2,863,222 2,866,271 175: 2,824,378 2,835,983 176: 2,852,854 178: 2,818,654 2,822,622 2,825,141 2,826,820 2,829,440 2,829,441 2,830,375 2,830,376 2,831,261 2,833,048 2,833,049 2,839,837 2,841,877 2,842,858 2,844,880 2,844,881 2,849,801 2,851,783 2,853,788 2,853,789 2,854,758 2,854,759 2,861,347	33— 178: 2,863,223 2,864,173 179.5: 2,819,532 2,821,024 2,821,025 2,821,785 2,821,786 2,846,773 2,849,802 2,850,806 2,854,760 2,855,691 2,861,348 180: 2,819,533 2,821,787 2,824,379 2,827,710 2,831,262 2,832,152 2,832,153 2,833,050 2,833,051 2,835,043 2,840,920 2,841,878 2,845,716 2,853,790 2,853,791 2,857,676 2,859,531 181: 2,819,534 2,820,301 2,821,788 2,831,263 2,835,044 2,838,842 2,842,859 2,855,692 2,819,535 2,821,026 2,825,142 2,825,976 2,845,717 2,853,792 2,859,532 185: 2,819,536 2,823,461 2,825,143 2,827,711 2,830,377 2,844,882 2,850,807 189: 2,818,655 2,821,027 2,822,623 2,830,378 2,833,052 2,834,116 2,841,879 2,849,803 2,855,693 190: 2,844,883 191: 2,821,789 2,835,045 2,842,860 2,855,694 2,860,421 192: 2,853,793 193: 2,845,718 194: 2,823,462 2,830,379 2,855,695 2,858,617 197: 2,821,028 2,827,712 2,832,154 2,843,940 2,854,761 2,862,302 199: 2,822,624 2,826,822 2,826,822 2,829,442 2,830,380 2,832,155 2,833,053 2,835,046 2,842,861 2,842,862 2,849,804 2,852,855 2,852,856 201: 2,840,921 2,844,894 2,844,885 202: 2,823,463 2,861,349 203: 2,846,774 203.12: 2,821,790 2,852,857 203.17: 2,853,794 2,831,264 2,831,265 204: 2,823,464	33— 204: 2,825,977 2,861,350 2,864,174 205: 2,824,380 2,828,548 2,851,784 2,851,785 205.5: 2,819,537 2,829,443 2,843,941 2,857,677 206: 2,825,978 2,826,823 2,831,266 2,838,843 2,841,880 2,844,762 2,859,533 207: 2,820,302 2,824,381 2,833,054 2,841,881 2,842,863 2,845,719 2,852,858 2,857,678 209: 2,819,538 2,838,844 2,836,900 2,825,144 2,834,117 2,834,118 2,847,765 2,848,818 2,849,805 2,820,303 2,824,382 2,837,829 2,853,795 2,854,763 2,830,381 2,855,696 2,857,679 2,852,859 2,821,791 34— 1: 2,824,383 2,853,796 2,859,534 4: 2,851,786 5: 2,818,656 2,853,797 7: 2,861,351 9: 2,819,539 10: 2,833,055 2,843,942 2,844,886 2,846,775 12: 2,835,984 14: 2,835,985 15: 2,836,901 2,857,680 16: 2,856,697 2,848,819 2,861,352 2,837,830 2,848,820 2,834,119 2,835,047 34: 2,821,029 2,826,824 37: 2,834,120 41: 2,862,303 43: 2,825,145 45: 2,819,540 2,820,304 2,822,625 2,825,146 2,826,825 2,830,382 2,833,056 2,838,845 2,842,864 2,846,776 2,851,788 2,851,789 2,858,618 2,858,619 2,863,224 46: 2,855,697 48: 2,823,465 2,851,790 49: 2,852,860 52: 2,862,304 53: 2,859,535 54: 2,857,682 56: 2,824,384 2,858,620 57: 2,825,147 2,828,549 2,836,907 2,847,766 2,850,808 2,857,683 2,866,272	34— 58: 2,826,826 2,830,383 2,832,156 2,859,536 60: 2,831,267 61: 2,861,353 66: 2,848,821 2,856,698 2,857,684 2,865,109 68: 2,861,354 2,862,305 2,863,225 75: 2,824,385 2,824,386 2,825,148 2,828,550 2,834,121 2,839,838 2,843,943 2,843,944 2,853,798 2,855,699 2,858,621 2,864,175 2,866,273 77: 2,828,551 81: 2,831,268 82: 2,843,945 2,861,355 2,862,306 85: 2,826,827 2,859,537 86: 2,828,552 2,857,685 2,865,110 87: 2,838,846 90: 2,832,157 2,846,777 2,851,791 91: 2,856,700 92: 2,837,831 2,862,307 96: 2,829,444 2,865,111 99: 2,820,305 103: 2,837,832 108: 2,855,698 109: 2,818,657 2,836,903 114: 2,825,979 117: 2,823,466 119: 2,844,887 121: 2,841,882 122: 2,828,553 2,864,176 124: 2,837,833 128: 2,818,658 128: 2,850,809 2,851,792 131: 2,825,980 132: 2,835,048 133: 2,830,384 2,830,385 135: 2,840,922 136: 2,825,149 2,841,883 139: 2,818,659 150: 2,845,720 151: 2,835,049 2,823,467 159: 2,837,834 2,842,865 163: 2,834,122 2,850,810 2,852,861 2,840,923 2,846,778 2,847,767 168: 2,820,306 173: 2,835,050 174: 2,835,051 2,849,806 2,861,356 179: 2,830,386 208: 2,844,888 223: 2,820,307 225: 2,821,030 233: 2,818,660 236: 2,862,308 238: 2,855,699 242: 2,818,661 2,844,889 2,865,112 243: 2,837,835 35— 2: 2,834,123 3: 2,851,794 2,866,274 4: 2,847,768 6: 2,855,700 9: 2,826,828 2,834,124	35— 9: 2,835,052 2,837,836 2,838,847 2,846,779 2,853,799 2,860,422 2,863,226 2,866,275 10: 2,829,445 10.2: 2,829,446 2,846,780 2,853,800 2,855,701 2,858,622 2,864,177 10.4: 2,824,387 2,836,904 2,838,848 2,841,884 2,841,885 2,841,886 2,854,764 2,856,701 2,859,538 2,863,227 11: 2,839,839 2,845,721 2,855,702 12: 2,824,388 2,836,905 2,839,840 2,842,866 2,842,867 2,842,868 2,849,807 2,851,795 2,853,801 2,858,623 2,859,539 2,860,423 13: 2,835,986 15: 2,864,178 16: 2,825,982 2,846,781 18: 2,839,841 2,845,722 19: 2,838,849 2,842,869 2,848,822 2,859,540 2,866,276 20: 2,831,271 21: 2,865,113 22: 2,839,842 2,853,802 24: 2,853,803 25: 2,838,850 2,841,887 2,856,702 26: 2,825,150 28: 2,835,987 2,858,624 28.3: 2,858,624 2,866,277 29: 2,837,837 2,843,946 2,860,424 30: 2,838,851 31: 2,826,829 2,835,988 2,842,870 2,842,871 2,844,890 2,866,278 33: 2,857,686 34: 2,821,792 2,840,924 35: 2,822,626 2,824,389 2,839,843 2,840,925 2,840,926 2,848,823 2,854,765 2,855,703 2,862,309 2,865,114 2,866,279 37: 2,850,811 38: 2,819,541 2,823,468 2,850,812 2,852,862 39: 2,837,838 2,841,888 2,841,889 2,853,804 40: 2,857,687 42: 2,846,782 43: 2,825,151 46: 2,838,852 48: 2,835,989 2,841,890 2,859,541 49: 2,830,387 2,830,388	35— 50: 2,861,357 51: 2,859,542 53: 2,828,554 60: 2,846,783 63: 2,825,152 2,838,853 66: 2,818,662 70: 2,839,844 71: 2,861,358 73: 2,835,053 2,840,927 2,852,863 75: 2,848,824 76: 2,837,839 36— 1: 2,848,825 2,853,805 2,857,688 1.5: 2,824,390 2: 2,830,990 2.5: 2,823,469 2,847,769 2,855,704 4: 2,838,854 4.5: 2,821,031 7.3: 2,860,425 7.5: 2,825,153 2,826,830 7.6: 2,862,310 7.7: 2,839,845 2,865,115 7.8: 2,837,840 8.5: 2,831,272 2,850,813 9: 2,820,308 2,845,723 2,846,784 11: 2,858,703 11.5: 2,853,806 2,862,311 16: 2,841,891 18: 2,845,724 19.5: 2,853,807 22: 2,863,228 2,863,229 25: 2,826,831 28: 2,826,832 29: 2,863,230 30: 2,838,855 32: 2,822,627 34: 2,836,906 2,840,928 2,841,892 2,851,796 2,852,864 2,853,808 2,855,705 36: 2,837,841 37: 2,821,793 2,852,865 38: 2,825,154 2,836,907 42: 2,829,447 2,851,797 2,852,866 43: 2,865,097 45: 2,818,663 48: 2,859,543 55: 2,827,713 58.5: 2,829,448 2,844,891 58.6: 2,825,155 69: 2,833,057 2,853,809 2,862,312 71: 2,821,032 2,826,833 2,826,834 2,828,555 2,839,846 2,849,808 2,857,689 2,862,313 2,863,231 2,864,179 72: 2,829,449 2,833,058 2,835,054 2,836,908 2,836,909 2,842,872 2,851,798 2,852,867 2,864,180 78: 2,835,991 1: 2,841,893 2: 2,825,983 2,835,992 2,845,725 2,860,426 2,865,116 4: 2,844,892 2,841,894 42: 2,854,766 43: 2,827,714 2,858,625
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37—	53:	2,823,470	37—	150:	2,818,664	40—	3:	2,850,819	40—	102:	2,819,546	40—	137:	2,847,783	41—	11:	2,860,439	
		2,826,835		153:	2,833,060			2,864,188			2,844,896			2,850,825		12:	2,837,855	
		2,846,785			2,842,874		4:	2,837,848		104:	2,822,633		139:	2,821,801			2,849,822	
		2,847,770		154:	2,828,556			2,844,893			2,826,842			2,840,942			2,850,826	
		2,863,232		155:	2,847,772			2,863,236			2,845,730		140:	2,829,458			2,855,713	
58:		2,826,836		159:	2,822,628		5:	2,822,631			2,849,815			2,835,060		13:	2,825,169	
		2,830,389		168:	2,841,898			2,828,560			2,859,549			2,849,818		15:	2,826,845	
67:		2,819,542			2,866,281			2,849,812		106.1:	2,858,629			2,855,711			2,851,807	
73:		2,850,814		172:	2,856,709		7:	2,833,064			2,842,879			2,863,242			2,853,822	
75:		2,856,704		178:	2,843,948			2,834,130		106.23:	2,862,320		142:	2,821,039			2,864,192	
78:		2,852,868		179:	2,825,985			2,857,694		106.33:	2,846,798		145:	2,819,548			2,827,726	
80:		2,851,799		180:	2,846,792		8:	2,851,801			2,860,434			2,828,566		21:	2,822,636	
86:		2,826,837		186:	2,826,838		10:	2,821,035		106.52:	2,851,803		152:	2,820,310		22:	2,824,399	
		2,830,390			2,837,846			2,824,393			2,831,278			2,824,397			2,824,399	
		2,831,273		187:	2,862,316			2,825,160			2,847,778			2,825,165		23:	2,835,996	
		2,835,055		189:	2,834,127			2,825,988			2,833,067			2,825,989		24:	2,827,727	
		2,842,873			2,834,128			2,827,718			2,839,859			2,826,843			2,842,884	
		2,846,786			2,840,937			2,828,561			2,833,068			2,826,843			2,856,715	
90:		2,828,557		190:	2,826,839			2,829,453			2,860,435			2,835,061			2,861,372	
		2,853,810			2,829,450			2,830,394			2,837,850			2,837,851		26:	2,857,698	
		2,859,544		38—	2,862,317			2,835,994			2,841,900			2,837,852		34:	2,823,479	
94:		2,847,771			2,854,769			2,838,860			2,831,279			2,837,853			2,835,997	
97:		2,834,125		5:	2,829,451			2,839,854		119:	2,829,457			2,837,854		37:	2,858,633	
		2,841,895		8:	2,857,692			2,845,729		120:	2,835,058			2,841,903		41:	2,825,634	
		2,839,847		15:	2,842,875			2,840,938			2,855,708			2,841,904			2,832,676	
		2,840,929		16:	2,859,545			2,850,820		121:	2,839,860			2,846,800		42:	2,822,250	
		2,819,809		20:	2,832,159			2,857,695		122:	2,828,564			2,840,437			2,827,367	
		2,864,181		30:	2,840,938			2,859,546		124:	2,838,862			2,833,070			2,828,192	
99:		2,846,787		36:	2,845,726			2,860,430			2,841,901		152.1:	2,831,285			2,828,193	
104:		2,840,930			2,825,156		11:	2,826,841			2,865,122			2,833,071			2,834,659	
		2,855,706		44:	2,836,910			2,857,696		124.1:	2,824,394			2,833,072			2,839,370	
		2,861,359		49:	2,865,118			2,862,318			2,828,565			2,834,135			2,841,477	
105:		2,830,391		52:	2,821,033		12:	2,829,454			2,832,176			2,836,915			2,843,461	
		2,835,059		58:	2,851,800		16:	2,837,849			2,835,059			2,845,732			2,846,294	
		2,858,811		59:	2,866,282			2,856,711		125:	2,818,666			2,845,733			2,846,295	
108:		2,825,984		60:	2,830,393		17:	2,864,189			2,819,547			2,863,243			2,847,286	
		2,837,842		66:	2,835,056		19:	2,821,036			2,822,634		152.2:	2,826,844			2,847,287	
		2,854,767		75:	2,864,185			2,846,796			2,823,473			2,836,916			2,849,296	
110:		2,856,705		77:	2,819,543		19.5:	2,825,161			2,825,163		154:	2,862,322			2,849,297	
117.5:		2,824,391			2,825,158		20:	2,825,162			2,827,722		155:	2,819,549			2,852,352	
		2,827,715			2,825,986			2,829,457			2,831,280			2,824,398			2,853,372	
		2,830,392			2,829,452		21:	2,840,939			2,831,281			2,827,721			2,856,275	
		2,840,931			2,832,160			2,842,878			2,834,132			2,854,774			2,860,039	
		2,843,947			2,833,061		23:	2,827,719			2,834,133			2,866,286		43:	2,828,194	
		2,852,869			2,833,062			2,847,776			2,841,902			2,866,286			2,849,298	
		2,856,706			2,837,847		24:	2,829,455			2,844,897		156:	2,820,311			2,849,299	
		2,858,626			2,838,859		25:	2,854,771			2,845,731		158:	2,825,166		46:	2,829,460	
		2,863,233			2,846,793		27.5:	2,836,911			2,847,779			2,828,567			2,836,918	
120:		2,857,690			2,846,794			2,843,949			2,847,780			2,832,163		42—	1:	
125:		2,864,182			2,850,816		28.1:	2,856,712			2,849,816			2,835,062			2,844,902	
126:		2,821,794			2,853,813		28.2:	2,836,912			2,853,818			2,842,882			2,845,737	
		2,846,788			2,853,814		30:	2,838,861			2,860,436			2,843,955			2,850,827	
		2,852,870			2,853,815			2,846,797			2,863,238			2,844,900			2,859,551	
		2,852,871			2,861,363		31:	2,840,940			2,864,191			2,844,901			2,861,373	
		2,854,768			2,861,364		32:	2,819,544			2,865,123			2,845,734		2:	2,852,880	
		2,861,360			2,861,365		33:	2,839,855			2,866,124			2,852,878		10:	2,835,998	
		2,863,234			2,864,186			2,844,894		126:	2,835,995			2,859,550		16:	2,818,669	
		2,864,183			2,865,119		34:	2,843,950			2,838,863			2,861,368			2,820,313	
		2,864,186			2,866,283		36:	2,839,856			2,844,898			2,863,244			2,824,400	
129:		2,858,627		111:	2,822,629			2,848,827			2,851,804		159:	2,834,136			2,832,165	
130:		2,852,872			2,857,693		39:	2,833,065			2,858,630			2,861,369			2,844,903	
		2,852,873		114:	2,854,770			2,839,855			2,836,913			2,861,370			2,848,831	
135:		2,831,274		115:	2,846,187		50:	2,819,545			2,836,914			2,862,323			2,861,374	
		2,846,789		121:	2,833,063		52:	2,843,952			2,843,953		41—	1:	Re.24,516		17:	2,827,728
		2,862,314		140:	2,845,727		61:	2,860,431			2,843,954			2,831,286			2,832,246	
141:		2,824,392			2,850,817		63:	2,822,632			2,848,829			2,832,164			2,841,906	
		2,828,568			2,866,284			2,847,777			2,843,956			2,840,943			2,845,738	
		2,831,275			2,821,797		64:	2,821,037		130:	2,818,667			2,843,956		20:	2,863,247	
		2,850,815		141:	2,823,471			2,849,813			2,821,799			2,846,801		39.5:	2,847,784	
142:		2,837,843		142:	2,860,427			2,859,548			2,821,800			2,849,820			2,856,716	
		2,838,856			2,823,472			2,823,472			2,823,474			2,852,879		50:	2,825,991	
		2,841,896			2,825,987			2,839,857			2,823,475			2,853,820			2,828,568	
		2,846,790		39—	1:	2,828,559		2,856,713			2,831,282			2,860,438			2,840,944	
		2,846,791			5:	2,860,428		2,838,865			2,834,134			2,861,371			2,862,324	
		2,852,874			9:	2,866,285		2,848,828			2,838,864		3:	2,825,990		54:	2,841,907	
		2,856,707			18:	2,861,366		2,860,432			2,838,865		4:	2,843,957		57:	2,821,803	
		2,861,361			24:	2,856,710		2,839,858			2,842,880			2,853,821			2,836,919	
		2,861,362			28:	2,849,810		2,844,899			2,846,799		5:	2,830,396			2,845,739	
		2,864,184			43:	2,826,840		2,850,821			2,848,830		5.5:	2,833,073			2,847,785	
143:		2,834,126			74:	2,839,852		2,858,628			2,850,823			2,863,245			2,851,808	
		2,841,897			76:	2,822,630		2,862,319			2,852,877		9:	2,820,312			2,855,714	
		2,866,280			84:	2,849,811		2,864,190			2,855,709			2,825,167			2,857,699	
144:		2,821,795			87:	2,848,826		2,865,121			2,855,710			2,827,723		58:	2,866,287	
		2,827,717				2,852,876		2,865,122			2,858,631			2,827,724			2,866,287	
		2,831,276		40—	1.5:	2,832,161		2,865,123										

42—	70: 2,856,718 71: 2,826,848 72: 2,832,166 75: 2,823,480 2,825,170 2,832,167 2,841,909 2,844,901 2,845,710 2,851,800 76: 2,831,287 2,845,741 2,847,786 2,847,787 2,850,828 70: 2,828,569 2,837,856 2,847,788 2,856,719 2,861,375 2,861,376 2,864,194 2,866,288 84: 2,846,802 85: 2,848,833 2,857,701 87: 2,834,137 2,856,720 2,866,289 93: 2,823,481 94: 2,844,905 43— 1: 2,827,729 2,843,961 2,847,789 2,848,834 2,857,702 2,863,250 3: 2,835,064 2,849,823 4: 2,838,866 2,841,910 2,846,803 2,864,195 6: 2,839,862 2,864,196 11: 2,818,670 2,834,138 2,847,790 12: 2,834,139 2,850,829 15: 2,818,671 2,821,804 2,824,403 2,824,404 2,835,065 2,841,912 2,843,962 2,850,830 2,850,831 2,851,810 2,851,811 2,851,812 2,838,634 16: 2,821,041 17: 2,824,140 2,837,857 2,856,721 2,858,635 2,863,251 17.1: 2,818,672 2,821,805 2,832,168 2,850,832 2,850,833 17.2: 2,853,824 2,826,849 2,827,730 2,828,570 2,861,377 2,866,290 17.5: 2,826,850 18: 2,855,717 19: 2,823,482 2,823,483 2,836,920 2,849,824 2,864,197 19.2: 2,821,042 2,861,378 21: 2,836,921 2,866,291 21.2: 2,835,066 2,851,813 22: 2,826,852 2,837,858 2,839,863 2,855,718 23: 2,830,399 2,839,864 24: 2,863,252 25: 2,843,963 2,846,804 2,858,636 25.2: 2,825,992 2,829,461	43— 25.2: 2,833,075 2,849,825 2,861,379 2,865,128 26: 2,839,865 2,854,775 26.1: 2,845,742 26.2: 2,835,999 2,854,776 35: 2,854,777 2,854,778 36: 2,833,076 2,836,000 2,838,867 2,856,722 37: 2,841,913 2,854,779 2,864,198 41: 2,828,571 2,839,866 41.2: 2,840,945 42.02: 2,852,881 42.04: 2,820,315 42.06: 2,826,853 2,833,077 2,834,141 2,836,001 2,846,805 2,854,780 2,865,129 42.1: 2,820,314 42.11: 2,850,834 42.12: 2,819,553 42.15: 2,821,043 2,845,743 2,845,744 2,851,814 2,853,825 2,865,130 42.16: 2,821,044 2,822,638 2,825,172 2,835,068 42.18: 2,819,554 42.19: 2,823,484 42.2: 2,819,552 42.22: 2,826,854 2,861,380 2,862,325 42.26: 2,847,791 42.28: 2,851,815 2,857,703 42.3: 2,860,440 42.31: 2,832,169 2,833,078 2,853,826 42.33: 2,837,859 42.34: 2,833,079 42.36: 2,820,316 2,861,381 42.39: 2,828,572 42.44: 2,821,045 2,843,964 42.48: 2,829,462 2,832,170 2,840,946 2,855,719 2,866,292 42.49: 2,829,463 42.5: 2,822,637 2,825,171 2,835,067 2,860,441 42.51: 2,849,826 42.72: 2,841,915 42.74: 2,848,835 43.1: 2,851,816 43.11: 2,831,288 2,860,442 2,864,199 43.12: 2,825,993 2,830,400 2,841,911 2,844,906 2,858,637 43.13: 2,825,994 2,826,851 2,836,002 2,843,965 2,843,966 2,856,723 2,862,326 2,866,293 43.14: 2,820,317 2,827,731 2,863,253 43.16: 2,823,485 2,823,486 2,841,914 2,865,131 43.4: 2,853,827 44.2: 2,821,046 2,825,173 2,828,573	43— 44.2: 2,836,922 2,854,781 44.4: 2,860,443 44.6: 2,818,836 44.8: 2,825,174 44.82: 2,851,817 44.84: 2,826,855 2,847,220 44.84: 2,835,069 44.85: 2,857,704 44.87: 2,834,142 44.9: 2,847,792 2,849,827 44.91: 2,825,175 2,829,464 2,861,382 44.94: 2,863,254 44.95: 2,819,555 2,834,143 2,842,887 2,842,888 2,843,967 44.96: 2,841,916 44.99: 2,842,889 2,844,907 53.5: 2,828,574 2,836,003 2,836,004 2,847,793 2,861,383 2,861,384 2,862,327 54.5: 2,834,144 2,841,917 2,846,806 55: 2,833,080 2,842,890 2,843,968 2,846,807 2,847,794 2,849,828 2,854,782 2,855,720 2,857,705 56: 2,834,145 2,837,860 2,853,828 2,860,444 2,866,294 57: 2,863,255 57.5: 2,826,856 2,831,289 2,836,005 2,838,868 2,849,829 2,854,783 2,857,706 2,866,295 61: 2,824,405 2,825,176 62: 2,839,867 66: 2,842,891 69: 2,822,639 2,825,995 2,835,070 70: 2,850,835 76: 2,845,745 81: 2,840,947 2,858,638 2,836,006 2,847,795 102: 2,821,047 112: 2,821,806 2,835,071 113: 2,836,923 2,848,837 124: 2,842,892 129: 2,851,818 131: 2,825,996 2,836,924 2,837,861 2,856,724 2,860,445 132: 2,856,725 146: 2,823,487 147: 2,834,146 2,838,869 2,850,836 44— 5: 2,845,338 7: 2,838,384 7.5: 2,825,635 10: 2,860,957 13: 2,833,633 15: 2,835,563 19: 2,819,155 2,824,790 2,834,660 23: 2,838,385 24: 2,838,386 2,842,431 2,843,462 29: 2,850,367	44— 34: 2,825,636 39: 2,854,321 40: 2,834,661 2,849,300 2,863,741 11: 2,822,251 50: 2,864,675 52: 2,829,033 2,866,693 53: 2,842,432 56: 2,850,368 2,852,353 57: 2,858,200 58: 2,841,479 2,843,463 2,851,343 2,863,742 62: 2,834,662 2,834,663 2,834,664 2,853,373 2,857,253 63: 2,825,637 2,839,371 2,841,480 2,844,446 2,848,312 2,852,354 2,854,322 2,857,254 2,864,676 64: 2,849,301 66: 2,832,677 2,839,372 2,839,373 2,843,464 2,854,323 2,854,324 2,857,255 2,862,800 68: 2,857,256 2,866,694 69: 2,819,156 2,822,252 2,828,195 2,833,634 2,833,635 2,843,465 2,844,447 2,849,302 2,849,303 2,849,304 2,860,958 2,862,801 2,863,743 2,863,744 2,863,745 2,863,746 2,865,722 2,866,695 70: 2,843,466 2,844,448 2,844,449 2,844,450 2,844,451 2,862,802 2,862,803 71: 2,842,433 2,851,344 2,851,345 2,865,723 72: 2,821,463 2,840,461 2,843,467 2,852,355 2,860,040 2,863,747 74: 2,819,053 2,843,468 75: 2,819,054 2,833,636 2,862,804 76: 2,835,564 79: 2,838,387 80: 2,852,356 81: 2,818,675 2,849,830 2,852,882 24: 2,825,997 2,828,575 2,832,171 2,834,147 2,818,674 2,819,556 2,821,807 2,822,640 2,825,177 2,842,893 2,849,831 57: 2,823,488 58: 2,832,172 2,834,148 2,854,784 59: 2,827,732	45— 59: 2,828,576 2,863,256 61: 2,835,072 2,865,132 68.1: 2,843,969 68.2: 2,856,726 2,861,385 68.4: 2,856,727 80: 2,825,998 2,826,857 2,828,577 82: 2,823,489 83: 2,862,328 85: 2,834,149 2,856,728 2,862,329 86: 2,826,858 129: 2,844,908 2,851,819 131: 2,825,999 2,833,081 2,846,808 2,855,721 2,861,386 137: 2,819,557 2,831,290 2,844,909 2,852,883 2,854,785 2,865,133 138: 2,830,401 139: 2,828,578 2,836,007 2,836,925 2,847,796 2,851,820 2,857,707 46— 1: 2,820,318 2,826,859 2,837,862 2,847,797 2,850,837 2,854,786 2,859,552 4: 2,861,387 6: 2,828,579 2,836,926 7: 2,858,639 8: 2,832,173 2,839,868 2,842,894 2,853,829 10: 2,826,860 11: 2,823,490 13: 2,834,150 2,837,863 16: 2,843,970 2,858,640 2,861,388 17: 2,832,174 22: 2,826,000 23: 2,833,082 26: 2,825,178 2,843,971 2,849,832 28: 2,844,910 29: 2,841,918 2,846,809 30: 2,841,919 32: 2,840,948 2,858,641 35: 2,853,830 40: 2,822,641 2,844,911 2,858,642 2,864,200 42: 2,820,319 2,834,151 43: 2,838,870 47: 2,826,861 2,842,895 49: 2,841,920 52: 2,826,862 2,838,871 65: 2,839,869 69: 2,818,675 70: 2,818,676 74: 2,836,008 2,859,553 76: 2,835,073 77: 2,820,320 2,832,175 2,834,152 2,837,864 2,841,921 2,849,833 78: 2,824,406 2,845,746 79: 2,825,179 81: 2,820,321 2,820,322 2,850,838 83: 2,863,257 87: 2,838,872	46— 90: 2,824,407 2,864,201 92: 2,836,927 2,844,912 2,852,884 2,854,787 93: 2,857,708 94: 2,826,001 95: 2,824,408 2,857,709 100: 2,858,643 104: 2,820,323 2,862,330 105: 2,848,838 106: 2,820,324 107: 2,822,642 2,829,465 111: 2,831,291 114: 2,833,083 2,835,074 2,861,389 116: 2,818,677 2,827,733 2,828,580 2,833,084 117: 2,819,558 2,833,085 2,836,928 2,845,747 118: 2,818,678 2,840,949 119: 2,830,402 120: 2,859,554 123: 2,819,559 2,846,810 2,853,831 124: 2,846,811 126: 2,860,446 2,862,331 129: 2,824,409 135: 2,818,679 2,819,560 2,827,734 2,854,788 2,856,729 146: 2,858,644 149: 2,829,466 2,835,075 2,835,076 2,849,834 2,861,390 150: 2,827,735 2,850,839 152: 2,845,748 154: 2,852,885 161: 2,850,840 162: 2,836,929 164: 2,838,873 165: 2,820,325 2,845,749 168: 2,831,292 169: 2,828,581 2,838,874 2,856,730 2,866,731 172: 2,820,326 173: 2,865,154 174: 2,856,732 175: 2,836,930 2,837,865 2,840,950 2,852,886 179: 2,859,555 180: 2,825,180 2,833,086 2,835,077 191: 2,848,839 193: 2,854,789 201: 2,838,875 2,852,887 202: 2,862,333 206: 2,821,808 2,830,403 2,840,951 208: 2,855,722 209: 2,829,467 213: 2,862,332 216: 2,847,798 220: 2,846,812 228: 2,836,009 2,841,922 2,853,832 230: 2,820,327 2,849,819 237: 2,836,931 238: 2,842,896 239: 2,857,710 240: 2,818,680 2,831,293 242: 2,825,181 243: 2,860,447 244: 2,832,177 2,838,876 2,846,813 2,846,814
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46— 244: 2,852,888 2,855,723 2,858,645 245: 2,846,815 2,859,556 2,861,391 47— 1: 2,821,048 2,822,643 2,824,410 2,826,002 2,826,003 2,829,468 2,830,404 2,841,923 2,841,924 2,848,840 2,848,841 2,855,724 2,856,733 2,865,135 1.1: 2,850,841 2,851,821 1.2: 2,849,835 2: 2,836,932 2,846,816 2,858,646 6: 2,844,913 7: 2,826,863 9: 2,842,897 2,844,914 17: 2,855,725 21: 2,835,078 28: 2,827,736 2,844,915 29: 2,832,178 2,851,822 32: 2,822,644 33: 2,821,809 2,837,866 2,865,136 34: 2,818,681 2,834,153 2,848,842 2,854,790 2,859,557 37: 2,830,405 2,833,087 2,858,647 2,859,558 2,863,258 38: 2,837,867 2,837,868 2,863,259 2,865,137 41: 2,826,864 2,830,406 2,836,933 2,843,972 2,844,916 2,849,836 46: 2,842,898 47: 2,851,823 2,862,334 48.5: 2,837,869 52: 2,825,182 55: 2,829,469 56: 2,826,865 57.5: 2,826,866 2,846,817 2,853,833 58: 2,818,682 2,836,010 2,838,877 2,842,899 2,847,799 2,850,842 2,850,843 2,851,824 2,852,889 2,854,791 2,854,792 2,855,726 2,858,648 2,860,448 2,865,138 2,866,296 2,866,297 59: P.P.1,710 P.P.1,722 P.P.1,747 P.P.1,748 P.P.1,749 P.P.1,752 P.P.1,768 60: P.P.1,676 P.P.1,679 P.P.1,680 P.P.1,686 P.P.1,693 P.P.1,697 P.P.1,699 P.P.1,701 P.P.1,702 P.P.1,703 P.P.1,704	47— 60: P.P.1,705 P.P.1,706 P.P.1,707 P.P.1,708 P.P.1,714 P.P.1,717 P.P.1,719 P.P.1,727 P.P.1,728 P.P.1,729 P.P.1,731 P.P.1,733 P.P.1,734 P.P.1,739 P.P.1,741 P.P.1,772 P.P.1,773 P.P.1,779 P.P.1,780 P.P.1,781 P.P.1,782 P.P.1,791 61: P.P.1,672 P.P.1,673 P.P.1,675 P.P.1,677 P.P.1,678 P.P.1,682 P.P.1,687 P.P.1,688 P.P.1,689 P.P.1,690 P.P.1,692 P.P.1,694 P.P.1,700 P.P.1,709 P.P.1,711 P.P.1,712 P.P.1,715 P.P.1,720 P.P.1,726 P.P.1,740 P.P.1,742 P.P.1,750 P.P.1,757 P.P.1,758 P.P.1,759 P.P.1,760 P.P.1,761 P.P.1,762 P.P.1,763 P.P.1,764 P.P.1,765 P.P.1,766 P.P.1,767 P.P.1,769 P.P.1,770 P.P.1,771 P.P.1,774 P.P.1,775 P.P.1,776 P.P.1,777 P.P.1,783 P.P.1,784 P.P.1,786 P.P.1,788 P.P.1,789 P.P.1,790 62: P.P.1,674 P.P.1,681 P.P.1,691 P.P.1,695 P.P.1,696 P.P.1,698 P.P.1,713 P.P.1,716 P.P.1,718 P.P.1,721 P.P.1,723 P.P.1,724 P.P.1,725 P.P.1,730 P.P.1,732 P.P.1,735 P.P.1,736 P.P.1,737 P.P.1,738 P.P.1,743 P.P.1,744 P.P.1,745 P.P.1,746 P.P.1,751 P.P.1,753 P.P.1,754 P.P.1,755 P.P.1,756 P.P.1,778 P.P.1,785 P.P.1,787 48— 33: 2,862,805 53.3: 2,831,755 63: 2,823,103 66: 2,852,357	48— 76: 2,821,464 2,832,678 2,857,257 87: 2,834,665 107: 2,832,679 180: 2,822,253 2,847,288 2,847,289 2,859,102 184: 2,831,756 2,831,757 2,831,758 2,855,283 2,855,284 195: 2,823,104 196: 2,844,452 2,844,453 2,846,296 2,846,297 2,852,358 2,859,103 2,865,724 197: 2,840,462 2,860,959 2,863,748 201: 2,829,956 203: 2,866,696 2,866,697 206: 2,829,957 2,830,883 2,838,388 2,851,346 2,864,677 212: 2,863,749 214: 2,828,196 2,829,034 215: 2,821,465 1: 2,854,793 2,857,711 2,861,392 2: 2,821,810 2,826,004 2,836,011 2,837,870 2,844,917 2,848,843 2,848,844 2,857,712 5: 2,836,934 2,846,818 7: 2,818,683 2,835,079 2,838,878 2,850,844 2,862,335 9: 2,834,154 14: 2,833,088 2,844,918 2,859,559 17: 2,825,183 2,838,879 2,849,837 2,861,393 17.1: 2,852,891 18: 2,826,867 2,837,871 29: 2,826,869 2,840,952 2,853,834 2,861,394 33: 2,826,005 2,826,868 35: 2,839,870 36: 2,843,973 2,863,260 37: 2,827,737 2,840,954 2,853,835 2,864,202 38: 2,837,872 41: 2,834,155 45: 2,855,727 2,864,203 47: 2,822,645 2,841,925 2,848,845 48: 2,834,156 2,839,871 2,839,872 53: 2,834,157 54: 2,845,750 2,860,449 55: 2,838,880 58: 2,838,881 2,859,560 62: 2,831,294 64: 2,826,870 2,864,204 2,864,205 67: 2,827,738 2,840,953 2,846,819 2,848,846 2,856,734	49— 67: 2,857,713 2,859,561 2,861,395 2,861,396 69: 2,818,684 72: 2,849,838 77: 2,824,411 2,837,873 2,838,882 2,852,890 2,854,794 2,860,450 79: 2,822,646 80: 2,861,397 81: 2,819,561 2,821,811 2,825,184 2,836,935 2,862,336 82: 2,821,812 2,825,185 2,861,398 2,866,298 84: 2,827,739 2,850,845 2,862,337 89: 2,823,491 2,865,139 2,866,299 92: 2,857,714 92.5: 2,844,919 2,859,562 51— 2: 2,821,813 3: 2,828,582 2,855,728 2,866,300 5: 2,841,926 7: 2,827,740 8: 2,826,006 2,830,407 2,836,013 2,837,874 2,840,955 2,846,820 2,846,821 9: 2,819,562 2,851,825 2,863,261 11: 2,821,814 2,830,408 2,846,822 2,857,715 15: 2,850,846 32: 2,823,492 2,845,751 2,847,800 33: 2,828,583 2,839,873 2,852,892 2,858,649 34: 2,820,328 2,820,329 2,821,049 2,821,815 2,828,584 2,829,470 2,844,920 2,845,752 2,865,140 38: 2,859,563 45: 2,819,563 2,836,014 48: 2,850,847 50: 2,830,409 2,836,936 2,839,874 2,840,956 55: 2,849,839 2,851,826 56: 2,818,686 2,833,089 2,845,753 2,856,735 2,860,451 57: 2,834,158 58: 2,840,957 59: 2,825,186 2,831,295 2,854,795 64: 2,830,410 65: 2,846,823 71: 2,826,871 2,836,937 73: 2,845,754 2,854,796 74: 2,850,848 78: 2,821,816 80: 2,865,141 89: 2,820,330 2,847,801 90: 2,831,296 92: 2,831,297 2,838,883 2,849,840	51— 92: 2,852,893 93: 2,859,564 94: 2,847,802 95: 2,818,687 2,824,412 2,829,471 2,836,938 2,839,875 2,840,958 2,849,841 2,850,849 2,851,827 96: 2,820,331 2,827,741 97: 2,852,894 98: 2,836,015 2,846,824 99: 2,839,876 100: 2,848,847 101: 2,821,007 2,826,000 2,838,884 2,846,825 2,848,848 102: 2,860,452 103: 2,818,688 2,818,689 2,834,159 2,838,885 2,838,886 2,838,887 2,838,888 2,842,900 2,843,974 2,843,975 2,843,976 2,844,921 2,851,828 2,855,729 2,861,399 2,862,338 104: 2,823,493 105: 2,820,332 2,826,872 2,826,873 2,828,585 2,835,082 2,836,016 2,837,875 2,848,849 2,849,842 2,850,850 2,853,836 2,860,453 110: 2,854,797 111: 2,826,008 112: 2,833,090 2,845,755 2,859,565 118: 2,861,400 120: 2,865,142 123: 2,819,564 2,821,817 2,850,851 124: 2,821,051 2,856,736 125: 2,829,472 127: 2,857,716 129: 2,826,009 131: 2,825,187 2,836,939 2,839,877 133: 2,822,647 134: 2,821,818 135: 2,832,179 2,850,852 2,852,895 2,853,837 2,857,717 137: 2,856,737 139: 2,860,454 2,860,455 140: 2,837,876 141: 2,820,333 2,828,586 2,835,083 2,841,927 2,850,853 2,865,143 2,865,144 142: 2,823,494 2,843,977 2,855,621 143: 2,837,877 2,843,978 145: 2,855,730 157: 2,826,010 2,864,206 160: 2,826,874 161: 2,857,718 163: 2,826,011 164: 2,843,979 2,851,829 2,860,456	51— 164: 2,865,145 165: 2,824,413 2,826,012 2,826,875 2,826,876 2,834,160 2,838,889 2,839,878 2,845,756 2,849,843 2,864,207 2,866,301 166: 2,821,052 2,823,495 2,826,013 2,834,161 2,842,901 168: 2,822,648 2,823,496 2,826,877 2,841,928 2,841,929 2,846,826 2,860,457 169: 2,855,731 170: 2,819,565 2,825,188 2,830,411 2,835,084 2,836,940 2,848,850 2,853,838 2,859,566 2,865,146 173: 2,847,803 2,863,262 176: 2,858,650 178: 2,859,567 179: 2,831,298 180: 2,828,587 181: 2,834,162 184.2: 2,825,189 184.3: 2,819,566 2,823,497 185: 2,838,890 186: 2,862,339 187: 2,818,690 2,840,959 2,848,851 2,856,738 2,864,208 188: 2,858,651 190: 2,826,014 2,855,732 191: 2,857,719 2,860,458 193.5: 2,818,691 2,818,692 2,819,567 2,821,819 2,842,902 2,843,980 2,846,827 2,861,401 193.7: 2,843,981 2,854,798 194: 2,818,693 2,842,903 195: 2,818,694 2,826,015 2,838,891 2,839,879 197: 2,819,568 2,842,904 204: 2,823,498 2,852,896 2,865,147 206: Re.24,548 Re.24,576 2,826,016 2,837,878 206.4: 2,851,830 206.5: 2,826,878 209: 2,820,334 2,836,017 210: 2,865,148 211: 2,837,879 214: 2,826,879 2,852,897 215: 2,826,017 2,828,588 2,835,085 2,864,209 216: 2,842,905 2,842,906 2,859,568 217: 2,851,831 2,861,402 2,865,149 218: 2,851,832 219: 2,821,820 2,829,473 2,833,092 2,848,852 2,859,569
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51—	210: 2,866,302 221: 2,860,459 225: 2,821,053 227: 2,830,412 231: 2,830,413 234: 2,811,930 2,822,649 2,844,922 237: 2,834,163 2,848,853 238: 2,863,263 2,863,264 240: 2,828,589 241: 2,818,695 2,822,650 2,826,018 2,833,093 2,835,086 2,841,931 2,846,828 2,865,150 2,866,303 242: 2,849,844 245: 2,865,151 246: 2,829,474 2,864,210 247: 2,842,907 250: 2,841,932 2,851,833 2,851,834 259: 2,845,757 263: 2,819,569 266: 2,826,880 267: 2,818,696 2,826,019 2,840,960 2,842,908 2,858,652 2,863,265 268: 2,819,570 273: 2,819,571 277: 2,838,892 281: 2,818,697 2,832,180 2,836,018 2,841,933 2,850,854 2,855,733 282: 2,858,653 284: Re.24,448 2,847,808 2,855,734 289: 2,819,572 2,864,211 293: 2,863,750 295: 2,833,637 2,862,806 297: 2,843,469 298: 2,822,254 2,822,255 2,825,638 2,860,960 2,860,961 303: 2,865,725 304: 2,829,035 2,847,290 2,850,369 307: 2,830,884 2,849,305 308: 2,837,416 2,866,698 309: 2,828,197 2,833,638 52—	53—	4: 2,859,571 7: 2,819,573 2,837,880 8: 2,856,739 14: 2,821,821 2,823,499 2,833,094 2,834,164 2,836,941 2,845,758 2,857,720 2,858,654 2,861,403 2,865,152 2,866,304 21: 2,825,190 2,837,881 2,851,835 22: 2,840,961 2,846,829 2,855,735 2,861,404 2,861,405 2,863,266 2,863,267 24: 2,847,805 25: 2,836,942 2,842,909 26: 2,821,822 2,844,924 2,857,721 2,860,460 27: 2,831,299 2,850,855 28: 2,826,020 2,828,590 29: 2,847,806 2,861,406 2,864,213 31: 2,840,962 32: 2,853,839 2,854,799 2,859,572 33: 2,842,910 34: 2,865,153 35: 2,833,095 2,846,830 37: 2,830,414 2,838,893 2,848,854 38: 2,855,736 39: 2,828,591 40: 2,846,831 2,861,407 42: 2,866,305 43: 2,821,823 51: 2,826,021 52: 2,836,943 53: 2,821,824 2,823,500 2,847,807 55: 2,843,982 56: 2,860,461 57: 2,834,165 2,842,911 2,857,722 59: 2,834,166 2,841,934 2,851,836 2,855,737 2,864,214 2,865,154 2,816,832 2,849,845 2,864,215 61: 2,834,167 2,842,912 2,845,759 2,856,740 62: 2,825,191 2,863,268 63: 2,826,881 2,831,300 2,835,087 2,826,882 2,860,462 67: 2,842,913 2,842,914 2,853,841 2,845,760 68: 2,855,738 70: 2,822,651 2,866,306 73: 2,840,963 74: 2,821,825 2,828,592 2,840,964 2,842,915 2,843,983 76: 2,823,501 2,828,593 2,860,463 77: 2,835,088 79: 2,831,301 2,838,894	53—	79: 2,857,723 86: 2,833,096 2,844,925 2,858,655 88: 2,842,916 2,842,917 2,842,918 2,845,761 89: 2,850,856 111: 2,838,895 2,845,762 112: 2,830,415 115: 2,860,464 116: 2,835,089 117: 2,865,155 120: 2,821,826 2,829,475 123: 2,825,192 2,859,573 2,864,216 2,864,217 124: 2,821,827 2,837,882 2,847,808 2,850,857 2,856,741 2,864,218 134: 2,823,502 135: 2,841,935 2,842,919 137: 2,819,574 2,826,022 2,834,168 2,842,920 138: 2,831,302 142: 2,833,091 143: 2,819,575 2,848,855 150: 2,836,945 157: 2,845,763 159: 2,829,476 160: 2,829,477 2,840,965 2,844,926 2,846,833 2,847,809 162: 2,828,594 163: 2,825,193 2,830,416 164: 2,825,023 166: 2,819,576 2,838,896 2,858,656 167: 2,826,024 170: 2,821,054 176: 2,821,055 2,832,181 177: 2,840,966 2,856,742 178: 2,827,742 180: 2,826,025 2,863,269 182: 2,837,883 2,852,898 184: 2,843,984 186: 2,836,946 2,844,927 2,851,837 2,866,307 187: 2,823,503 2,864,219 188: Re.24,459 2,833,097 2,839,880 189: 2,835,090 2,842,921 197: 2,860,465 198: 2,837,884 2,840,967 2,840,968 2,844,928 2,847,810 2,852,899 2,863,270 200: 2,853,840 204: 2,833,098 210: 2,831,303 2,853,841 211: 2,831,304 212: 2,855,739 213: 2,823,504 218: 2,858,657 219: 2,827,743 220: 2,845,764 223: 2,860,466 225: 2,822,652 226: 2,830,417 2,838,897 230: 2,844,929 232: 2,846,834 235: 2,842,922 2,843,985 236: 2,826,883 2,842,923	53—	237: 2,865,156 239: 2,835,091 241: 2,830,418 2,864,220 243: 2,833,099 244: 2,838,898 245: 2,821,828 246: 2,834,160 2,856,743 250: 2,855,740 251: 2,828,595 254: 2,836,019 2,858,658 256: 2,861,408 257: 2,821,829 261: 2,859,574 2,865,157 266: 2,841,936 2,860,467 276: 2,841,937 2,863,271 281: 2,865,158 282: 2,841,938 287: 2,825,194 2,839,881 2,848,856 2,858,659 2,862,340 291: 2,843,986 2,846,835 2,858,660 2,860,468 293: 2,834,170 295: 2,826,884 296: 2,846,836 297: 2,866,308 306: 2,826,885 310: 2,840,969 2,841,939 2,849,847 2,850,859 311: 2,841,940 314: 2,836,947 315: 2,839,882 317: 2,819,577 319: 2,836,948 2,842,924 321: 2,835,092 2,849,848 324: 2,840,970 331: 5: 2,829,479 341: 2,859,575 344: 2,830,419 345: 2,835,093 346: 2,843,987 348: 2,839,883 2,863,272 351: 2,826,026 366: 2,845,765 369: 2,837,885 370: 2,859,576 372: 2,864,221 373: 2,822,653 374: 2,849,846 2,855,741 375: 2,841,942 376: 2,821,830 2,832,182 2,844,930 380: 2,851,839 382: 2,831,305 2,852,900 384: 2,848,857 2,853,842 386: 2,823,505 2,828,596 2,843,988 387: 2,849,849 389: 2,860,469 390: 2,824,414 391: 2,833,100 2,851,840 54—	55—	86: 2,859,577 89: 2,828,597 118: 2,826,028 2,835,094 2,840,972 56—	1: 2,827,745 2,829,481 2,845,989 2,843,990 2,847,811 2,864,223 2,831,307 2,864,224 7: 2,830,421 8: 2,864,225 10: 2,836,022 2,848,858 12: 2,862,342 14: 2,825,195 2,826,887 2,857,802 15: 2,840,973 2,849,850 2,851,841 16: 2,841,943 18: 2,834,171 2,841,944 19: 2,834,172 20: 2,844,931 21: 2,842,925 23: 2,843,991 2,850,861 24: 2,836,023 25: 2,822,654 2,823,506 2,826,029 2,826,888 2,827,746 2,827,747 2,828,598 2,830,422 2,832,183 2,840,974 2,847,812 2,853,843 2,854,803 2,860,472 2,861,409 2,863,273 25. 4: Re.24,559 2,821,056 2,823,507 2,823,508 2,824,415 2,825,196 2,826,889 2,827,748 2,828,599 2,829,482 2,832,184 2,833,101 2,833,102 2,836,024 2,838,900 2,838,901 2,842,926 2,847,813 2,848,859 2,851,842 2,854,804 2,855,742 2,857,725 2,857,726 2,857,727 2,857,728 2,859,578 2,859,579 2,860,473 2,860,474 2,861,410 2,862,343 2,862,344 2,864,226 2,865,159 26: 2,818,699 2,831,308 2,836,949 2,842,927 2,851,843 2,859,580 2,860,475 2,861,411 2,865,160 26. 5: 2,854,805 2,863,274 27: 2,847,814 27. 5: 2,834,173 2,834,174 2,836,950 2,821,057 2,832,185 29: 2,830,423 30: 2,836,951 33: 2,818,700	56—	33: 2,825,197 2,834,175 2,836,095 2,855,743 34: 2,830,424 35: 2,830,425 40: 2,836,025 41: 2,830,426 2,845,767 2,847,815 42: 2,826,030 2,835,096 2,837,886 2,842,928 2,846,837 44: 2,821,832 2,830,427 2,833,103 50: 2,823,509 2,832,186 2,844,932 2,848,860 2,856,744 66: 2,826,031 98: Re.24,665 2,835,097 2,862,345 103: 2,842,929 2,854,806 104: 2,843,992 2,844,933 105: 2,848,861 108: 2,821,058 112: 2,836,275 119: 2,836,026 121. 4: 2,826,890 2,852,902 121. 45: 2,856,745 121. 46: 2,834,176 122: 2,841,945 126: 2,853,844 128: 2,827,749 2,853,845 157: 2,849,851 158: 2,827,750 2,836,027 189: 2,838,902 192: 2,820,335 2,823,510 2,830,422 2,830,863 2,864,227 194: 2,802,346 199: 2,848,862 202: 2,830,428 2,833,104 2,851,844 2,855,744 2,856,746 207: 2,832,187 208: 2,822,655 2,822,656 2,845,768 209: 2,821,059 219: 2,840,975 226: 2,823,511 228: 2,833,105 238: 2,843,993 241: 2,840,976 249: 2,827,751 2,829,483 2,830,429 2,865,161 255: 2,826,032 256: 2,844,934 264: 2,836,028 269: 2,841,946 292: 2,821,060 293: 2,852,903 294: 2,827,752 295: 2,822,657 2,836,029 2,837,887 2,850,862 2,854,807 2,856,747 2,857,729 2,859,581 2,859,582 2,860,477 296: 2,824,416 2,827,753 2,850,864 314: 2,826,891 318: 2,839,884 327: 2,829,484 2,835,098 2,841,947 2,852,904 328: 2,821,833 2,822,658 2,832,188 2,835,099
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56— 328: 2,854,808	57— 60: 2,830,432	58— 140: 2,849,855	60— 35.6: 2,831,319	60—39.28: 2,859,589	60— 53: 2,840,992
2,864,228	2,831,309	2,849,856	2,831,320	2,861,422	2,844,002
341: 2,834,177	2,831,310	2,856,752	2,831,321	2,865,171	2,846,849
2,835,100	2,831,311	2,818,701	2,832,192	39.29: 2,862,358	2,849,863
2,835,101	62: 2,847,817	2,826,893	2,834,181	39.31: 2,828,607	2,854,820
2,854,809	64: 2,857,731	2,831,316	2,834,182	2,836,959	54: 2,818,708
2,862,347	65: 2,860,479	2,821,064	2,834,183	2,839,894	2,818,709
344: 2,845,769	74: 2,833,111	2,824,420	2,835,107	2,852,914	2,821,839
345: 2,843,994	76: 2,843,996	2,829,488	2,836,034	39.32: 2,828,608	2,831,323
364: 2,821,061	77: 2,826,036	2,857,735	2,839,890	2,846,847	2,838,912
2,829,485	77.3: 2,826,892	2,819,585	2,840,984	2,847,825	2,841,959
2,839,885	2,855,750	2,825,201	2,840,985	39.34: 2,865,172	2,851,858
366: 2,819,578	2,863,277	2,833,113	2,840,986	39.35: 2,827,762	2,853,855
2,851,845	2,866,311	2,838,906	2,841,952	2,836,958	2,858,674
370: 2,832,189	77.33: 2,821,062	2,840,982	2,841,953	39.36: 2,818,705	2,858,675
376: 2,829,486	77.4: 2,819,581	2,848,864	2,844,001	2,855,754	2,862,361
2,837,888	77.45: 2,825,200	2,858,665	2,844,936	2,856,755	2,862,362
377: 2,827,754	2,827,757	2,866,312	2,845,775	39.37: 2,832,195	2,862,363
2,827,755	2,829,487	2,848,865	2,846,841	39.4: 2,856,753	2,864,240
2,833,106	90: 2,819,582	83: 2,840,983	2,846,842	39.45: 2,848,871	54.5: 2,820,343
2,833,107	2,862,351	85: 2,819,586	2,846,843	2,852,915	2,821,840
2,836,030	93: 2,831,312	2,824,421	2,847,821	2,864,237	2,824,425
2,836,953	94: 2,820,336	86: 2,837,890	2,848,867	39.46: 2,826,038	2,827,766
2,836,954	99: 2,841,949	90: 2,822,663	2,849,860	2,858,672	2,829,497
2,839,886	101: 2,856,749	93: 2,831,317	2,850,871	2,861,423	2,829,498
2,840,977	104: 2,837,889	1: 2,822,664	2,850,872	39.47: 2,848,872	2,829,499
2,844,935	106: 2,839,887	2,839,888	2,850,873	39.48: 2,822,667	2,833,117
2,851,846	110: 2,854,813	7: 2,863,281	2,851,853	2,844,938	2,835,111
2,851,847	2,865,162	12: 2,848,866	2,851,854	2,852,916	2,847,828
2,853,846	116: 2,838,904	2,862,353	2,853,851	39.55: 2,836,036	2,848,875
2,854,810	117: 2,840,980	13: 2,820,339	2,853,852	39.58: 2,853,853	2,852,919
2,854,811	119: 2,820,337	2,824,422	2,855,751	39.61: 2,845,777	2,852,920
2,858,661	2,831,313	2,838,907	2,855,753	39.65: 2,826,039	2,853,856
2,860,478	2,857,732	2,845,774	2,857,739	2,828,609	2,855,755
2,861,412	120: 2,824,417	2,851,851	2,857,740	2,833,115	2,860,486
2,861,413	2,830,433	2,858,666	2,858,668	2,840,989	2,862,364
2,861,414	2,831,314	2,865,164	2,859,588	2,841,958	2,866,317
2,861,415	2,840,981	2,818,702	2,860,482	2,851,859	2,866,318
2,862,348	2,850,866	2,826,894	2,861,419	2,858,673	54.6: 2,818,710
2,866,309	127: 2,833,112	16: 2,849,857	2,861,420	2,860,483	2,820,344
2,826,033	127.5: 2,853,848	18: 2,838,908	2,863,282	39.66: 2,853,854	2,820,345
2,852,905	133: 2,835,104	19: 2,839,889	2,864,236	39.69: 2,821,066	2,820,346
2,856,748	134: 2,819,583	2,850,869	2,865,165	2,830,438	2,820,347
2,862,349	2,859,584	23: 2,821,836	2,865,166	2,844,939	2,826,040
400.02: 2,826,034	135: 2,863,278	2,821,837	2,866,313	2,865,174	2,826,041
400.04: 2,840,978	139: 2,821,835	2,850,870	2,866,314	39.71: 2,823,519	2,826,042
400.07: 2,835,102	2,851,849	2,828,601	2,866,315	2,829,494	2,829,500
400.08: 2,842,930	140: 2,845,771	2,836,033	2,866,316	39.72: 2,823,520	2,831,324
400.17: 2,836,032	2,846,839	2,831,318	2,828,605	2,835,108	2,834,184
2,847,816	2,860,480	2,830,435	2,839,892	2,835,109	2,836,961
2,850,865	2,861,416	2,844,000	39.07: 2,832,193	2,840,990	2,838,911
400.18: 2,841,948	147: 2,863,279	2,847,819	2,845,776	2,861,424	2,844,940
400.19: 2,821,834	151: 2,832,190	2,847,820	39.08: 2,861,421	2,862,359	2,844,941
2,855,746	153: 2,842,934	2,849,858	39.09: 2,827,760	2,830,439	2,847,827
2,830,430	2,856,750	2,852,910	2,844,937	2,850,875	2,847,829
2,836,031	157: 2,846,840	2,861,418	2,846,845	2,861,425	2,848,876
2,833,108	2,863,280	2,851,852	2,822,665	39.75: 2,821,067	2,848,877
2,833,109	2,864,230	2,854,816	2,839,893	2,850,876	2,848,878
2,845,770	162: 2,861,417	2,862,354	2,840,987	2,852,917	2,849,864
475: 2,822,659	164: 2,854,814	2,864,235	2,842,937	39.77: 2,860,484	2,849,865
57— 1: 2,836,012	58— 1: 2,824,418	31: 2,858,667	2,847,824	39.82: 2,831,322	2,852,921
2,842,931	2: 2,843,999	32: 2,841,951	2,850,874	2,835,110	2,854,821
2,846,838	6: 2,850,867	2,849,859	2,852,911	2,847,826	2,857,743
3: 2,854,812	2,836,956	35.4: 2,823,515	2,854,817	2,854,819	2,861,427
14: 2,833,110	7: 2,852,907	2,826,037	2,858,670	2,859,590	2,862,365
15: 2,848,863	13: 2,851,858	2,835,106	2,862,355	2,864,234	2,862,366
17: 2,826,035	19: 2,856,751	2,837,891	2,865,168	2,825,206	2,864,238
34: 2,822,660	22: 2,859,585	2,842,936	39.15: 2,820,341	2,827,763	57: 2,842,938
2,822,661	23: 2,864,231	2,857,736	2,825,205	2,827,764	59: 2,820,348
2,822,662	26: 2,821,063	2,857,738	2,828,610	2,839,895	2,829,501
2,823,513	28: 2,835,105	2,859,587	39.16: 2,852,912	2,848,873	2,837,895
2,823,514	2,845,772	2,864,233	2,854,818	2,860,485	60: 2,844,003
2,852,906	2,853,849	35.54: 2,838,909	2,857,741	2,862,360	2,863,286
2,855,747	2,865,163	2,839,891	2,862,356	39.17: 2,832,194	2,863,287
2,855,748	29: 2,820,338	2,841,954	39.2: 2,819,588	2,832,196	62: 2,863,288
2,862,350	30: 2,847,818	2,841,955	2,824,423	2,832,197	73: 2,830,440
2,864,229	34: 2,860,481	2,841,956	2,824,424	2,832,198	2,830,441
34.5: 2,819,579	38: 2,834,180	2,846,844	2,827,765	2,832,199	2,844,004
2,825,198	41: 2,832,191	2,847,822	2,828,611	2,832,199	2,863,289
2,835,103	2,859,586	2,847,823	2,829,495	2,832,199	97: 2,818,711
2,843,995	50: 2,823,512	2,849,861	2,829,496	2,832,199	2,819,589
2,849,852	2,850,868	2,858,669	2,832,196	2,832,199	2,821,068
2,863,276	54: 2,838,905	2,865,169	2,832,197	2,832,199	2,821,841
35: 2,842,932	57: 2,852,908	2,865,170	2,836,960	2,832,199	2,822,669
36: 2,825,199	82: 2,857,733	2,866,316	2,838,910	2,832,199	2,824,426
2,836,955	88: 2,824,419	35.6: 2,818,703	2,839,896	2,832,199	2,826,896
2,859,583	2,849,854	2,819,587	2,822,666	2,832,199	2,827,767
2,866,310	2,858,662	2,820,340	2,828,606	2,832,199	2,827,768
51: 2,838,903	90: 2,830,434	2,821,838	2,830,436	2,832,199	2,828,612
2,853,847	2,831,315	2,823,516	2,830,437	2,832,199	2,832,200
52: 2,819,580	2,845,773	2,823,517	2,833,114	2,832,199	2,832,201
55.5: 2,855,749	2,854,815	2,823,518	2,836,957	2,832,199	2,836,962
57: 2,849,853	2,858,663	2,825,202	2,841,957	2,832,199	2,837,896
58.3: 2,857,730	2,862,352	2,825,203	2,846,846	2,832,199	2,838,913
58.36: Re.24,483	109: 2,852,909	2,825,204	2,848,868	2,832,199	2,839,911
58.52: 2,830,431	2,858,029	2,826,895	2,848,869	2,832,199	2,841,960
2,834,178	2,858,664	2,827,759	2,848,870	2,832,199	2,844,942
58.55: 2,843,997	115: 2,842,935	2,828,602	2,851,855	2,832,199	2,846,850
2,851,848	121: 2,819,584	2,828,603	2,818,707	2,832,199	2,850,878
58.83: 2,840,979	2,864,232	2,828,604	2,818,707	2,832,199	2,850,879
58.86: 2,827,756	126: 2,857,734	2,829,489	2,818,707	2,832,199	2,851,860
58.89: 2,842,933	128: 2,853,850	2,829,490	2,818,707	2,832,199	2,853,857
59: 2,834,179	130: 2,841,950	2,829,491	2,856,754	2,832,199	2,854,822
2,843,998	140: 2,827,758	2,829,492	2,857,742	2,840,991	2,859,591

60—	97: 2,859,592 2,859,593 2,860,487 2,863,290 2,865,175 2,865,176 2,855,756	62—	7: 2,833,123 2,834,189 2,834,190 2,836,038 13: 2,863,294 2,863,295 2,866,321 14: 2,840,994 2,846,853 2,863,296 20: 2,849,867 24: 2,842,941 25: 2,844,944 29: 2,850,880 2,861,432 32: 2,850,881 40: 2,853,859 2,857,745 45: 2,863,297 50: 2,842,942 2,859,594 51: 2,855,759 52: 2,850,882 54: 2,848,879 55: 2,854,826 2,864,242 71: 2,860,490 77: 2,838,916 81: 2,825,208 88: 2,856,758 89: 2,837,900 2,855,760 2,862,369 89.5: 2,822,672 2,826,046 2,836,039 91.5: 2,833,124 101: 2,847,832 103: 2,826,047 105: 2,825,209 106: 2,819,591 2,829,506 2,835,113 2,840,507 107: 2,836,967 108.5: 2,832,205 2,839,899 110: 2,842,943 115: 2,820,350 117: 2,824,427 117.1: 2,820,351 2,831,327 117.3: 2,836,968 117.4: 2,838,917 117.55: 2,819,592 2,835,114 119: 2,822,673 2,833,125 123: 2,820,352 2,824,428 2,836,969 2,864,243 126: 2,819,593 2,821,845 2,823,522 2,827,774 2,831,328 129: 2,824,429 135: 2,844,008 2,844,009 136: 2,824,430 2,839,900 2,856,757 137: 2,866,322 138: 2,839,901 139: 2,820,353 2,825,210 140: 2,822,674 2,826,048 141: 2,824,431 2,824,432 148: 2,863,298 155: 2,847,833 157: 2,863,299 158: 2,847,831 160: 2,844,945 161: 2,860,491 167: 2,840,995 170: 2,819,594 171: 2,825,211 2,858,677 172: 2,833,126 2,851,863 173: 2,831,329 2,844,946 174: 2,841,962 175.5: 2,822,675 2,823,523 2,824,433 2,825,212 2,827,775 2,827,776 2,833,127 2,835,115	62—175.5: 2,835,116 2,836,040 2,838,918 179: 2,826,049 183: 2,850,883 185: 2,840,996 2,860,492 187: 2,863,300 2,866,323 188: 2,861,433 193: 2,863,301 199: 2,865,181 206: 2,851,864 209: 2,855,761 211: 2,856,759 213: 2,851,865 214: 2,859,595 233: 2,846,854 238: 2,860,493 244: 2,841,963 252: 2,855,762 256: 2,863,302 258: 2,850,884 263: 2,847,834 2,848,880 267: 2,858,678 270: 2,848,881 276: 2,863,303 284: 2,863,304 285: 2,856,760 291: 2,845,780 295: 2,857,746 298: 2,865,182 301: 2,846,855 302: 2,855,763 307: 2,854,827 335: 2,857,747 342: 2,849,868 354: 2,857,748 365: 2,849,869 366: 2,862,370 372: 2,850,885 394: 2,854,828 406: 2,866,324 426: 2,841,964 427: 2,851,866 439: 2,855,764 455: 2,861,434 471: 2,859,596 474: 2,847,835 485: 2,855,765 493: 2,855,766 494: 2,840,997 500: 2,852,922 513: 2,841,965 2,860,494 530: 2,863,305 1: 2,863,306 3: 2,833,128 5: 2,826,900 2,833,129 9: 2,823,524 14: 2,819,595 2,823,525 2,823,526 2,842,944 2,858,679 15.3: 2,844,010 15.6: 2,826,050 19: 2,856,761 20: 2,852,923 27: 2,835,117 1: 2,844,011 2,848,882 2: 2,849,870 3: 2,858,680 4: 2,862,371 6: 2,839,902 2,844,947 2,852,924 2,862,372 7: 2,851,867 2,854,829 9: 2,823,527 2,836,041 2,841,966 2,842,945 2,845,781 2,853,860 2,861,435 2,862,373 2,864,244 10: 2,859,598 2,863,308 2,865,183 11: 2,822,676 2,824,434 2,844,948 2,857,749 2,859,599 2,860,495 12: 2,837,901 2,840,998	64—	12: 2,864,245 13: 2,846,856 2,846,857 2,855,767 2,860,496 2,861,436 14: 2,830,445 2,844,012 2,849,871 15: 2,821,071 2,822,677 2,835,118 2,840,999 2,858,681 2,858,682 2,859,600 2,860,497 2,861,437 16: 2,841,967 17: 2,819,596 2,826,051 2,826,052 2,833,130 2,839,903 2,839,904 2,844,949 19: 2,853,861 21: 2,819,597 2,827,777 2,828,615 2,838,919 2,839,905 2,841,968 2,844,013 2,846,858 2,861,438 2,864,246 23: 2,845,782 25: 2,829,507 2,858,683 2,826,902 2,828,616 2,833,131 2,841,000 2,853,862 2,862,374 28: 2,838,920 2,855,768 2,862,375 29: 2,818,712 2,826,903 2,827,778 2,834,191 2,837,902 2,846,859 2,848,883 2,854,830 2,860,498 2,866,325 30: 2,824,435 2,827,779 2,847,836 2,848,884 2,855,769 2,857,750 2,859,601 2,861,439 2,862,376 31: 2,826,053 2,851,868 32: 2,825,213 2,847,837 66—	1: 2,819,598 1.5: 2,826,054 3: 2,830,446 5: 2,823,528 8: 2,833,132 9: 2,836,970 13: 2,829,508 14: 2,820,354 2,828,617 2,860,499 24: 2,847,838 2,854,832 2,864,247 25: 2,850,886 26: 2,835,119 28: 2,844,014 40: 2,822,678 2,827,780 2,854,833 41: 2,861,440 42: 2,854,834 43: 2,861,441 48: 2,833,133 2,839,906 2,856,762 2,860,500 2,861,444 2,865,186 50: 2,819,599 2,835,120 54: 2,823,529 55: 2,839,907 56: 2,834,192	66—	56: 2,864,248 60: 2,821,072 2,829,509 2,837,903 2,844,015 2,847,839 63: 2,841,969 2,856,763 64: 2,821,073 82: 2,841,001 2,844,016 2,850,887 85: 2,844,017 86: 2,820,355 2,820,356 2,822,679 2,823,530 2,838,921 2,844,950 2,854,835 89: 2,823,531 2,836,971 2,844,951 2,847,840 95: 2,863,309 2,827,781 96: 2,853,863 2,860,501 110: 2,823,532 121: 2,849,872 2,854,836 123: 2,821,846 125: 2,818,713 2,836,042 2,838,922 2,858,684 2,861,442 126: 2,847,841 2,857,751 2,859,602 130: 2,839,908 132: 2,838,923 140: 2,824,436 145: 2,863,310 146: 2,856,764 2,866,326 147: 2,844,952 154: 2,854,837 155: 2,829,510 2,841,970 2,861,443 156: 2,842,946 157: 2,865,184 163: 2,825,214 2,853,864 165: 2,849,873 166: 2,859,603 2,862,377 168: 2,846,860 169: 2,858,685 171: 2,848,885 173: 2,853,865 176: 2,837,904 177: 2,833,134 2,847,842 178: 2,841,971 182: 2,853,867 185: 2,821,847 2,825,215 193: 2,845,783 198: 2,839,909 202: 2,842,947 3: 2,818,714 4.1: 2,845,784 7: 2,821,074 7.1: 2,818,715 2,818,716 2,818,717 2,825,216 2,827,782 2,846,861 2,847,843 2,865,185 19: 2,855,770 20.1: 2,826,904 21: Re.24,423 2,859,604 22: 2,818,718 2,829,511 2,831,330 22.5: 2,841,972 2,845,785 27: 2,853,866 31: 2,832,206 2,841,002 2,844,018 2,857,752 2,858,686 2,860,502 2,861,444 2,865,186 55: 2,831,331 2,836,043 87: 2,836,044 2,861,445	68—	4: 2,833,135 2,861,446 5: 2,833,136 2,834,193 6: 2,823,533 2,835,121 9: 2,831,332 12: 2,820,357 2,827,783 2,841,003 2,847,844 2,858,687 2,863,311 2,865,187 15: 2,824,437 2,826,905 17: 2,819,600 2,821,848 2,835,122 18: 2,836,045 2,845,786 19: 2,818,719 2,833,137 2,864,249 2,864,250 20: 2,858,688 21: 2,824,438 22: 2,832,207 2,846,862 23: 2,823,534 2,826,055 24: 2,832,208 2,836,046 28: 2,821,075 9: 2,858,689 131: 2,821,076 2,831,333 133: 2,841,973 140: 2,835,123 144: 2,850,888 148: 2,826,057 151: 2,839,910 184: 2,836,047 189: 2,845,787 198: 2,835,124 200: 2,820,358 203: 2,826,058 205: 2,840,019 2,850,889 2,859,605 207: 2,818,720 2,865,188 210: 2,865,189 213: 2,822,680 2,831,334 242: 2,826,059 2,832,209 2,846,863 244: 2,852,925 256: 2,825,217 258: 2,823,535 2,851,869 262: 2,818,721 263: 2,829,512 2,865,190 2,865,191 268: 2,832,210 69—	1: 2,836,048 6.5: 2,842,949 9.5: 2,822,681 13: 2,865,192 20: 2,847,845 21: 2,836,972 2,838,924 22: 2,845,788 70—	1.5: 2,823,536 7: 2,825,218 24: 2,853,868 38: 2,824,439 2,842,950 2,865,193 58: 2,831,335 2,858,690 69: 2,820,359 73: 2,819,601 74: 2,819,602 2,819,603 2,819,604 79: 2,852,926 90: 2,837,905 92: 2,824,440 2,854,838 2,855,771 95: 2,862,378 96: Re.24,443 97: 2,844,020 100: 2,855,772 101: 2,851,870 133: 2,836,049 134: 2,841,974 139: 2,854,839 141: 2,839,912
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70— 146:	2,818,722	71— 2.7:	2,825,640	72— 128:	2,854,843	73— 67:	2,820,361	73— 147:	2,865,200	73— 251:	2,860,512
	2,825,219		2,829,039		2,856,767		2,838,929	149:	2,851,881		2,860,513
	2,831,336		2,835,565		2,866,327	67.1:	2,833,143		2,859,614	257:	2,857,763
	2,834,194		2,837,417	129:	2,818,725		2,837,914	150:	2,821,082	272:	2,826,069
	2,835,125		2,841,486		2,828,618		2,846,874		2,829,517	273:	2,826,916
	2,839,913		2,844,454		2,837,910		2,851,876		2,831,346		2,854,848
	2,844,953		2,852,361	130:	2,824,442	67.2:	2,857,757		2,834,205	290:	2,821,853
	2,848,886		2,858,202		2,824,443	67.3:	2,828,622		2,853,875		2,849,881
	2,862,379		2,860,963		2,862,382	67.5:	2,848,800		2,859,615	296:	2,821,854
149:	2,836,050		2,864,683	136:	2,828,619		2,848,891	151.5:	2,831,347	301:	2,818,731
150:	2,824,441		2,864,684		2,834,199	67.6:	2,832,214		2,860,509	302:	2,846,879
	2,831,337	3:	2,830,887		2,836,056		2,847,853	152:	2,846,876	304:	2,824,449
	2,838,925	9:	2,820,703		2,860,506		2,862,384		2,852,936		2,833,147
	2,851,871		2,823,106	138:	2,821,078	67.7:	2,819,613	155:	2,818,728		2,838,933
151:	2,836,051	13:	2,861,877		2,830,449	67.8:	2,836,059		2,822,688		2,846,880
	2,842,951	25:	2,829,040		2,856,768		2,838,930		2,826,066		2,849,882
153:	2,837,906		2,856,278	73— 1:	2,853,873		2,839,916		2,829,518		2,852,937
156:	2,839,914		2,866,327		2,854,844		2,842,959		2,842,961		2,856,773
158:	2,822,682	27:	2,833,640		2,859,608		2,846,875	156:	2,841,981		2,866,336
175:	2,844,021	29:	2,826,486		2,854,845		2,851,877	159:	2,825,225		2,866,337
181:	2,846,864		2,827,368		2,855,286		2,859,610		2,826,911	313:	2,844,030
	2,855,773		2,864,685	3:	2,854,846		2,862,385		2,833,146		2,853,878
216:	2,838,926	32:	2,823,107	6:	2,841,978	71.6:	2,850,893		2,834,206	316:	2,851,883
	2,842,952		2,839,375	7:	2,822,686		2,834,201		2,846,877	321:	2,841,009
224:	2,825,220		2,839,376		2,862,383		2,844,026		2,860,510		2,852,938
225:	2,844,954	35:	2,856,279	9:	Re.21,472		2,828,623	160:	2,820,362	323:	2,833,148
264:	2,842,953	39:	2,845,340		2,837,911		2,832,215		2,834,207	325:	2,847,856
	2,852,927		2,857,262	12:	2,822,687		2,818,727		2,844,028	335:	2,819,614
267:	2,837,907		2,861,878		2,824,444	81:	2,834,202	161:	2,829,519	337.5:	2,856,774
285:	2,847,846	40:	2,844,455		2,846,869		2,834,203		2,835,129	339:	2,841,982
288:	2,822,683	45:	2,839,377		2,861,449		2,835,127		2,853,876	340:	2,830,452
303:	2,852,928	58:	2,819,955	15:	2,825,222		2,839,917	162:	2,856,770		2,846,881
309:	2,821,077	64:	2,837,418		2,846,870		2,849,876	167:	2,818,729	343:	2,844,031
319:	2,830,447		2,858,203	15.4:	2,844,956		2,865,198	168:	2,826,067		2,848,894
320:	2,852,929		2,859,105	16:	2,831,340	83:	2,844,957	169:	2,866,334		2,853,879
323:	2,858,691	72— .5:	2,836,054	17:	2,826,907		2,850,894	170:	2,837,916		2,866,338
332:	2,836,052		2,859,606		2,866,328		2,858,696		2,839,920	343.5:	2,848,895
	2,858,692	1:	2,841,975	19:	2,823,540		2,833,144		2,845,796	346:	2,836,976
333:	2,856,765		2,851,873		2,861,450		2,864,252	171:	2,821,852	349:	2,826,070
339:	2,834,195		2,852,913	23:	2,826,908		2,821,080	172:	2,856,771		2,838,934
364:	2,829,513		2,863,313		2,837,912		2,845,794	178:	2,839,921		2,839,924
	2,832,211		2,864,251		2,841,005		2,849,877		2,847,855	352:	2,826,071
366:	2,862,380	7:	2,822,685		2,866,329		2,849,878	179:	2,856,772		2,833,149
367:	2,820,360	9:	2,833,138	27:	2,866,330		2,824,445	180:	2,818,730		2,858,699
	2,837,908	13:	2,858,693	29:	2,836,057		2,857,758		2,821,083		2,861,454
370:	2,846,865	16:	2,833,139	30:	2,845,790	91:	2,825,223		2,834,208	355:	2,826,072
383:	2,818,723		2,854,840		2,838,927		2,844,958		2,855,779		2,837,917
388:	2,830,448		2,860,503		2,847,850	94:	2,831,341	181:	2,844,960		2,844,032
419:	2,831,338		2,861,447	32:	2,819,605		2,864,253	182:	2,846,878		2,844,033
421:	2,836,973	17:	2,821,850	35:	2,832,213	95:	2,824,446	188:	2,832,217		2,846,882
	2,857,753		2,825,221		2,841,979		2,826,062		2,836,064		2,865,202
452:	2,818,724		2,856,766		2,842,956		2,831,342		2,839,922	356:	2,826,073
454:	2,853,869	18:	2,836,055	36:	2,819,606		2,831,343		2,850,896	358:	2,841,983
456:	2,822,684		2,841,004		2,819,607		2,834,204		2,866,335		2,850,898
	2,836,053		2,857,754	37:	2,821,851		2,837,915	189:	2,820,363	360:	2,830,453
	2,837,909		2,859,607		2,842,957	99:	2,836,060		2,838,932	362:	2,818,732
	2,842,954	19:	2,846,867		2,845,791	37.5:	2,845,791		2,845,797		2,838,935
	2,846,866		2,853,870		2,848,889		2,848,889	100:	2,826,910	362.4:	2,846,883
	2,851,872		2,860,504	37.7:	2,260,507		2,831,344		2,831,344		2,846,884
	2,855,774		2,863,314	37.9:	2,826,909		2,854,847	101:	2,842,960	363:	2,838,936
459:	2,823,537	21:	2,860,505		2,845,792		2,842,960	102:	2,826,063		2,839,925
	2,852,930	22:	2,844,955		2,846,871		2,851,878		2,827,786	368:	2,848,896
	2,855,775	24:	2,852,932		2,819,608		2,865,199		2,831,348		2,839,926
462:	2,821,849	28:	2,848,887	38:	2,829,515	103:	2,850,895		2,831,349	373:	2,839,927
	2,823,538		2,853,871		2,833,140		2,839,918		2,832,218	374:	2,837,919
	2,862,381	30:	2,851,874		2,842,958	104:	2,821,081		2,834,209	376:	2,841,010
71— 1:	2,855,285		2,851,875		2,857,756		2,841,008		2,844,961	379:	2,824,450
	2,859,104	32:	2,835,126		2,861,451	113:	2,832,216		2,857,761		2,826,074
2.3:	2,828,198		2,853,872	40:	2,833,141		2,866,331		2,860,511		2,834,210
	2,841,482	35:	2,853,872		2,836,058		2,831,345		2,861,452		2,860,514
	2,841,483	36:	2,850,890		2,847,851		2,851,879		2,865,201	380:	2,820,365
	2,841,484	37:	2,850,891		2,853,874		2,862,386	195:	2,851,882	384:	2,832,219
	2,841,485	38:	2,844,022		2,855,777		2,866,332		2,859,616	386:	2,825,227
	2,843,470		2,847,847	40.5:	2,841,007		2,866,332		2,861,452	387:	2,832,220
	2,846,298		2,826,906	40.7:	2,819,609		2,828,624	197:	2,821,085	388:	2,855,780
	2,857,259	41:	2,841,976		2,863,315	117:	2,859,611	198:	2,862,387	389:	2,819,615
	2,863,752		2,847,848	45:	2,863,316		2,859,612		2,839,923		2,835,130
	2,864,679		2,852,933	45.5:	2,846,872	118:	2,838,931		2,844,962	391:	2,838,937
	2,864,680		2,852,934		2,859,609		2,857,759	200:	2,831,350		2,850,899
2.4:	2,833,639	44:	2,854,841		2,852,935	133:	2,829,516		2,844,029	395:	2,841,984
	2,847,293	46:	2,832,212		2,828,620	134:	2,847,854	201:	2,863,317	398:	2,827,787
	2,856,276	61:	2,844,023	49.6:	2,833,142	136:	2,826,064	203:	2,858,697		2,829,520
	2,823,987		2,857,755	53:	2,836,974		2,827,785	204:	2,831,351		2,844,034
2.5:	2,829,037		2,844,024		2,841,980		2,836,061		2,849,880		2,856,775
	2,832,680	66:	2,841,977		2,844,025		2,845,795		2,859,617	399:	2,865,203
	2,838,389	68:	2,850,892		2,845,793	139:	2,830,450	205:	2,826,913	401:	2,819,616
	2,842,051	75:	2,834,196		2,847,852		2,826,065		2,859,618		2,836,067
	2,845,339	77:	2,842,955		2,865,196		2,830,451		2,842,962		2,841,011
	2,856,277		2,858,694	54:	2,821,079		2,835,128	210:	2,820,364		2,844,035
	2,860,043	86:	2,855,776		2,849,875		2,836,062	211:	2,842,962		2,849,883
	2,860,962	98:	2,834,197	55:	2,834,200		2,839,919	212:	2,858,698		2,852,939
	2,864,681		2,846,868		2,836,975		2,844,959	213:	2,863,318	405:	2,822,689
	2,864,682	101:	2,827,784	56:	2,823,541		2,848,892	221:	2,824,448	406:	2,850,900
	2,865,730		2,829,514		2,826,060		2,849,879	223:	2,836,066	407:	2,858,700
2.6:	2,821,467		2,831,339	58:	2,865,197		2,851,880	224:	2,853,877		2,866,339
	2,829,038		2,847,849	59:	2,819,610		2,855,778	228:	2,826,914	410:	2,842,964
	2,843,471		2,854,842		2,828,621		2,859,613		2,826,915	411:	2,821,855
	2,849,306	103:	2,865,194		2,837,913		2,866,333		2,857,762		2,823,543
	2,854,325	106:	2,834,198		2,839,915		2,860,508	230:	2,845,798	412:	2,841,985
	2,857,260		2,858,695								

73— 421:	2,826,075	74— 5. 47:	2,824,451	74— 38:	2,851,888	74— 110:	2,865,212	74— 243:	2,823,553	74—424. 5:	2,857,774
	2,833,150		2,825,229	40:	2,830,455	111:	2,838,945		2,824,458	424. 8:	2,818,744
	2,836,068		2,834,215		2,841,991		2,857,769		2,825,231		2,819,625
	2,841,012		2,835,132		2,857,768		2,866,345		2,863,323		2,824,460
421. 5:	2,859,620		2,836,071	41:	2,841,992	112:	2,859,631	244:	2,827,796		2,831,363
422:	2,821,856		2,846,890	42:	2,862,392	113:	2,864,259	245:	2,831,360		2,836,985
	2,826,076		2,846,891	44:	2,819,618	119:	2,823,550		2,833,152		2,837,930
	2,833,151		2,854,851		2,822,696	125. 5:	2,855,785		2,841,022		2,837,931
	2,834,211	5. 5:	2,825,228		2,823,548		2,820,370		2,844,042		2,838,948
	2,836,978		2,829,521		2,827,791	126:	2,818,739	249:	2,836,984		2,838,949
	2,842,965		2,834,213		2,838,941		2,827,794	250:	2,822,699		2,841,026
	2,844,964		2,836,070		2,858,703	128:	2,829,530		2,853,887		2,844,044
423:	2,834,212		2,837,923	48:	2,824,454		2,831,355		Re. 24,475		2,844,969
424:	2,836,069		2,839,932	50:	2,841,993		2,831,356	252:	2,826,085		2,847,869
	2,837,920		2,839,933	52:	2,844,040		2,850,909		2,860,520		2,857,775
	2,864,254		2,846,888	53:	2,830,456		2,853,885	319:	2,859,633		2,857,776
425:	2,860,515		2,851,886		2,865,209	141. 5:	2,823,551	321:	2,829,532		2,860,521
	2,865,204		2,852,941	54:	2,838,942	142:	2,854,852	325:	2,826,927	425:	2,827,799
425. 2:	2,821,086		2,859,624		2,846,892		2,864,260		2,827,797		2,842,976
	2,826,077		2,864,256		2,866,343	152:	2,837,928		2,854,853		2,863,325
425. 4:	2,836,979		2,865,206	55:	2,828,632	161:	2,822,698	330:	2,844,043	427:	2,833,155
	2,844,036	5. 6:	2,821,859	56:	2,856,781	169:	2,845,805		2,853,892	432:	2,857,777
	2,863,319		2,822,695	57:	2,832,224	190:	2,828,638	331:	2,825,232	434:	2,831,364
425. 6:	2,866,340		2,829,522		2,845,802		2,851,891		2,833,153		2,839,942
426:	2,818,733		2,834,214		2,845,803		2,864,261	335:	2,821,089		2,842,006
429:	2,826,078		2,837,924		2,855,783		2,866,346		2,835,136	437:	2,842,977
	2,839,928		2,841,016		2,856,782	190. 5:	2,826,924		2,844,967		2,866,353
	2,841,013		2,852,942	60:	2,824,455		2,842,000		2,866,347	439:	2,859,635
	2,854,849		2,856,778		2,826,922		2,842,973		2,866,348	440:	2,845,809
431:	2,822,690		2,856,779		2,827,792		2,847,861	336:	2,866,349	441:	2,842,007
	2,826,917	5. 7:	2,829,523		2,835,133		2,850,910		2,859,634		2,857,778
	2,828,625		2,839,934		2,860,517	191:	2,818,740	336. 5:	2,825,233		2,839,943
	2,837,921		2,841,017	61:	2,826,081		2,842,001		2,849,887	448:	2,862,399
432:	2,826,079		2,850,905		2,829,527	193:	2,829,531		2,862,397	458:	2,821,865
	2,836,980		2,852,943		2,831,353		2,865,213	337:	2,861,460		2,850,914
	2,844,037		2,859,625		2,839,937	194:	2,837,929	339:	2,862,398	459:	2,818,745
	2,850,902		2,859,626		2,852,946	198:	2,836,072	343:	2,845,806		2,833,156
	2,850,903		2,831,352	6:	2,862,393		2,864,262	348:	2,821,863		2,833,157
	2,851,884		2,839,935		2,865,210	199:	2,841,019	349:	2,820,371		2,836,075
	2,859,621		2,841,988		2,820,369		2,847,862	352:	2,847,866		2,842,978
438:	2,821,857		2,841,989		2,822,697	63:	2,822,697	353:	2,819,622		2,851,897
439:	2,860,516		2,841,990		2,826,082		2,849,885	354:	2,856,787		2,855,790
448:	2,845,799		2,845,801		2,819,619	67:	2,819,619	355:	2,819,623		2,855,791
449:	2,853,881		2,847,857		2,826,083	70:	2,826,083		2,836,073		2,855,792
453:	2,837,922		2,863,320		2,828,633		2,826,925	359:	2,839,940	459. 5:	2,866,354
462:	2,821,858		2,818,735	7:	2,830,457		2,826,926		2,839,941	460:	2,862,400
	2,857,764		2,828,630		2,830,458		2,830,460		2,857,772	466:	2,857,779
463:	2,828,626		2,838,938		2,831,354		2,850,911	360:	2,866,350	467:	2,832,230
	2,851,885		2,850,906		2,832,225		2,856,784	361:	2,842,975	469:	2,823,554
	2,861,455		2,862,391		2,844,965		2,860,518		2,851,895		2,838,950
466:	2,823,544		2,823,546		2,855,784	202:	2,828,637	364:	2,825,234		2,853,894
	2,848,897	8:	2,828,631		2,856,783	203:	2,831,357		2,835,137		2,855,793
	2,859,622	10:	2,852,944		2,866,344	206:	2,828,639	365:	2,824,455		2,856,788
474:	2,842,966		2,858,715		2,827,793		2,834,219		2,831,361		2,836,986
74— 1:	2,822,691	10. 2:	2,824,452		2,832,226		2,850,912	368:	2,819,624	470:	2,836,986
	2,832,222		2,837,925		2,841,994	208:	2,835,134		2,825,235	471:	2,842,979
	2,850,904		2,844,038		2,861,457		2,858,705		2,842,004		2,851,898
	2,856,603		2,848,899		2,818,736	209:	2,832,227		2,855,788		2,855,792
	2,862,389	10. 33:	2,820,366		2,837,927		2,858,706	370:	2,866,351	472:	2,821,866
	2,866,341		2,848,900		2,828,634	82:	2,863,322		2,861,461		2,822,701
1. 5:	2,822,692		2,851,887		2,853,704	84:	2,853,704	371:	2,842,005		2,823,555
	2,841,986	10. 41:	2,829,524		2,858,719		2,857,770	374:	2,842,006		2,826,087
2:	2,818,734	10. 45:	2,856,780		2,829,528	86:	2,829,528	377:	2,825,236		2,828,642
	2,822,693	10. 54:	2,824,453		2,830,459		2,836,982	378:	2,821,864		2,829,533
	2,839,929		2,839,936		2,834,218		2,827,795		2,845,807		2,831,365
	2,841,014		2,853,882		2,825,230	87:	2,825,230	388:	2,828,641		2,832,231
	2,862,390	10. 7:	2,844,039		2,829,529		2,842,002		2,830,461		2,836,076
	2,866,342	10. 85:	2,834,216		2,841,995		2,860,519		2,833,154		2,837,932
5:	2,822,694	14:	2,819,617		2,844,041	219:	2,851,892		2,841,024		2,839,944
	2,826,918	15. 2:	2,838,940		2,847,860	222:	2,835,135		2,847,867		2,842,008
	2,827,788	15. 66:	2,823,552		2,851,889	224:	2,836,983		2,847,868		2,842,980
	2,828,627	16:	2,823,547		2,853,883	229:	2,838,946		2,849,888		2,847,870
	2,836,981		2,859,627		2,861,458		2,841,020		2,855,789		2,849,889
	2,839,930		2,864,257		2,841,996		2,842,974		2,865,215		2,851,899
	2,839,931	17. 8:	2,837,926		2,865,211	230. 17:	2,824,457		2,865,216		2,853,888
	2,846,885	18:	2,821,860		2,842,972		2,831,358		2,865,217		2,854,856
	2,854,850		2,830,454		2,826,084	91:	2,842,972		2,865,218		2,855,794
	2,855,781		2,834,217		2,826,923	95:	2,826,923	393:	2,818,743		2,856,789
	2,856,776		2,842,969		2,828,635		2,846,894		2,854,854		2,857,780
	2,857,765	18. 1:	2,826,919		2,859,629		2,847,863		2,838,947		2,861,464
	2,859,623		2,842,970		2,818,737	96:	2,818,737	394:	2,838,947		2,863,326
	2,865,205		2,847,858		2,819,620		2,850,913		2,845,808		2,863,327
5. 1:	2,826,080	18. 2:	2,832,223		2,824,456		2,851,893		2,846,895	473:	2,819,626
	2,841,015		2,842,971		2,841,997		2,851,894		2,852,954		2,821,090
	2,841,987		2,861,456		2,818,738	97:	2,818,738	395:	2,826,928		2,826,929
	2,842,967		2,864,258		2,844,966		2,852,951		2,836,074		2,826,930
	2,846,886	22:	2,820,367		2,819,621	99:	2,819,621	401:	2,857,773		2,836,985
5. 2:	2,846,887		2,826,920		2,821,088		2,852,953	405:	2,831,362		2,838,951
5. 34:	2,845,800		2,826,920		2,828,636		2,855,787		2,854,855		2,839,945
	2,846,889		2,826,921		2,838,943	230. 24:	2,852,952	409:	2,841,025		2,841,027
	2,848,898		2,858,701		2,838,944	230. 3:	2,818,742	410:	2,827,795		2,853,895
	2,865,207	24:	2,852,945		2,839,938		2,852,949		2,863,324		2,858,707
5. 37:	2,835,131	25:	2,827,790		2,841,998	230. 7:	2,828,640		2,865,219		2,860,522
	2,857,767		2,829,525		2,852,947		2,862,396		2,866,352		2,861,465
5. 4:	2,827,789		2,829,526		2,841,999	230. 8:	2,846,893	411:	2,822,700	477:	2,847,871
	2,852,940		2,841,018		2,863,321	231:	2,847,864		2,853,893		2,853,889
	2,855,782		2,850,907	102:	2,853,884		2,865,214	413:	2,851,896	478:	2,847,872
	2,856,777		2,850,908	105:	2,862,394		2,847,865	414:	2,859,634	479:	2,825,237
	2,857,766		2,865,208	108:	2,823,549	233:	2,831,359	421:	2,826,086		2,826,088
	2,864,255	30:	2,821,861		2,838,939		2,848,901		2,832,229		2,836,077
5. 41:	2,821,087	33:									

74— 482: 2, 818, 747 2, 821, 091 483: 2, 824, 461 2, 825, 239 2, 855, 795 2, 855, 796 2, 857, 781 2, 859, 636 484: 2, 824, 462 2, 826, 089 2, 826, 931 2, 828, 644 2, 828, 645 2, 841, 028 2, 844, 970 2, 855, 797 485: 2, 853, 896 488: 2, 829, 534 2, 863, 328 489: 2, 824, 463 2, 854, 857 2, 862, 401 491: 2, 842, 009 2, 847, 873 2, 855, 798 492: 2, 823, 556 493: 2, 826, 090 2, 828, 646 2, 836, 078 2, 836, 079 2, 836, 988 2, 845, 810 2, 852, 956 2, 865, 222 494: 2, 845, 811 2, 860, 523 2, 865, 223 495: 2, 846, 896 498: 2, 838, 952 500: 2, 826, 932 501: 2, 821, 092 2, 838, 953 2, 841, 029 2, 845, 812 2, 845, 813 2, 850, 915 2, 858, 708 2, 865, 224 2, 865, 225 501.5: 2, 841, 030 2, 856, 790 2, 866, 355 502: 2, 847, 874 2, 848, 902 503: 2, 826, 091 2, 831, 366 2, 834, 221 2, 844, 045 2, 850, 916 504: 2, 833, 158 2, 836, 989 2, 841, 031 2, 842, 010 2, 842, 981 2, 849, 891 2, 853, 897 2, 856, 791 2, 861, 466 2, 861, 467 505: 2, 826, 092 2, 860, 524 507: 2, 825, 240 2, 829, 535 509: 2, 845, 814 512: 2, 823, 557 2, 836, 080 2, 854, 858 513: 2, 824, 464 2, 827, 800 2, 831, 367 2, 836, 990 2, 839, 946 2, 845, 815 2, 861, 468 2, 863, 329 516: 2, 848, 903 519: 2, 845, 816 2, 858, 709 520: 2, 841, 032 2, 856, 792 522: 2, 836, 081 524: 2, 849, 892 526: 2, 822, 702 2, 824, 465 2, 832, 232 2, 841, 033 2, 847, 875 2, 861, 463 2, 862, 402 2, 863, 330 527: Re. 24, 496 2, 826, 093 2, 829, 536 2, 831, 368 2, 836, 082	74— 527: 2, 837, 933 2, 839, 947 2, 844, 971 2, 854, 859 2, 855, 799 2, 857, 782 528: 2, 841, 034 531: 2, 855, 800 2, 857, 783 532: 2, 829, 537 2, 866, 356 535: 2, 826, 933 539: 2, 835, 139 542: 2, 835, 140 2, 844, 046 2, 851, 900 543: 2, 858, 710 545: 2, 830, 463 2, 841, 035 2, 849, 893 548: 2, 818, 748 2, 829, 538 551.1: 2, 827, 801 551.8: 2, 844, 047 552: 2, 818, 749 2, 866, 357 553: 2, 826, 934 555: 2, 830, 464 557: 2, 851, 901 560: 2, 851, 902 561: 2, 834, 222 562.5: 2, 819, 627 2, 829, 539 565: 2, 865, 226 567: 2, 836, 991 2, 862, 404 568: 2, 821, 093 2, 824, 466 2, 839, 948 2, 852, 957 2, 857, 784 2, 861, 469 2, 861, 470 2, 864, 264 569: 2, 829, 540 2, 829, 541 2, 863, 331 571: 2, 834, 223 2, 834, 224 2, 853, 898 2, 862, 405 572: 2, 826, 094 2, 835, 141 573: 2, 831, 369 2, 836, 083 2, 838, 954 2, 849, 894 2, 850, 917 2, 861, 471 574: 2, 824, 467 2, 834, 225 2, 834, 226 2, 838, 955 2, 844, 972 2, 859, 637 2, 861, 472 576: 2, 828, 647 579: 2, 825, 241 2, 846, 897 2, 851, 903 582: 2, 830, 465 2, 852, 958 583: 2, 851, 904 584: 2, 844, 048 586: 2, 837, 934 2, 839, 949 588: 2, 860, 527 594.4: 2, 822, 703 2, 859, 638 2, 866, 358 594.6: 2, 831, 370 600: 2, 838, 956 2, 842, 982 2, 855, 801 2, 856, 793 2, 858, 711 604: 2, 838, 957 606: 2, 821, 094 2, 826, 095 2, 838, 958 2, 849, 895 609: 2, 866, 359 611: 2, 825, 242 613: 2, 860, 525 616: 2, 831, 371 625: 2, 818, 750 2, 819, 628 2, 835, 142 2, 848, 904 2, 859, 639 2, 859, 640 2, 861, 473 640: 2, 828, 648 2, 846, 898	74— 645: 2, 821, 095 2, 833, 159 2, 845, 817 2, 846, 899 2, 846, 900 2, 850, 918 2, 865, 227 650: 2, 830, 466 2, 841, 036 2, 850, 919 2, 865, 228 660: 2, 848, 903 665: 2, 822, 704 2, 823, 558 2, 826, 096 2, 830, 467 2, 834, 227 2, 835, 143 2, 836, 992 2, 836, 993 2, 837, 935 2, 849, 896 2, 850, 920 2, 853, 890 2, 854, 860 2, 858, 712 2, 863, 332 674: 2, 825, 243 2, 832, 233 675: 2, 828, 649 2, 835, 144 2, 851, 905 2, 864, 265 677: 2, 820, 373 2, 839, 950 2, 839, 951 2, 848, 906 2, 850, 921 2, 851, 906 2, 855, 802 2, 855, 803 2, 861, 474 679: 2, 826, 097 681: 2, 833, 160 2, 861, 475 682: 2, 854, 862 687: 2, 830, 468 688: 2, 821, 867 2, 829, 542 2, 834, 228 2, 835, 145 2, 848, 907 2, 855, 804 2, 861, 476 690: 2, 818, 751 691: 2, 830, 469 695: 2, 822, 705 2, 828, 650 700: 2, 831, 372 2, 844, 973 2, 858, 713 701: 2, 821, 868 710: 2, 827, 802 710.5: 2, 833, 161 2, 836, 084 2, 845, 818 711: 2, 821, 096 2, 827, 803 2, 837, 936 2, 841, 037 2, 850, 922 2, 855, 805 2, 855, 806 2, 861, 477 2, 861, 478 713: 2, 861, 479 2, 865, 229 715: 2, 823, 559 2, 859, 641 720: 2, 844, 974 721: 2, 838, 959 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836, 489 59: 2, 826, 489 2, 839, 106 2, 865, 736 60: 2, 820, 707 2, 829, 960 2, 831, 762 2, 839, 382 2, 851, 351 2, 853, 377	75— 60: 2, 855, 292 2, 855, 293 2, 856, 280 2, 862, 810 2, 862, 811 2, 863, 756 2, 866, 701 63: 2, 843, 473 66: 2, 833, 644 2, 852, 363 2, 863, 757 2, 866, 702 68: 2, 829, 961 2, 835, 566 2, 840, 463 2, 843, 474 2, 843, 475 70: 2, 863, 759 71: 2, 844, 459 77: 2, 823, 990 2, 826, 490 2, 834, 669 2, 850, 375 78: 2, 834, 670 2, 843, 476 2, 853, 378 80: 2, 848, 318 2, 860, 965 81: 2, 845, 344 82: 2, 850, 376 2, 850, 377 83: 2, 828, 200 2, 860, 045 84: 2, 824, 794 2, 829, 962 2, 830, 893 2, 833, 645 2, 834, 671 2, 844, 460 2, 849, 307 2, 850, 378 2, 861, 882 84.1: 2, 822, 259 2, 822, 260 2, 830, 894 2, 834, 672 2, 835, 567 2, 840, 464 2, 847, 299 2, 849, 308 2, 850, 379 2, 852, 364 2, 865, 737 84.4: 2, 823, 991 2, 826, 491 2, 828, 201 2, 838, 393 2, 864, 690 84.5: 2, 825, 642 2, 826, 492 2, 826, 493 2, 835, 568 2, 837, 420 2, 839, 383 2, 839, 384 2, 839, 385 2, 839, 386 2, 840, 465 2, 840, 466 2, 841, 487 2, 843, 477 2, 846, 303 2, 846, 304 2, 847, 297 2, 847, 298 2, 848, 319 2, 848, 320 2, 857, 264 2, 857, 265 2, 860, 966 2, 864, 691 2, 865, 738 86: 2, 823, 110 2, 829, 044 2, 844, 461 2, 844, 462 87: 2, 858, 205 88: 2, 823, 111 2, 865, 739 91: 2, 860, 046 93: 2, 821, 472 2, 866, 703 94: 2, 823, 112 2, 848, 321 98: 2, 842, 435 101: 2, 842, 436 103: 2, 822, 261 2, 829, 963 2, 830, 595 2, 847, 300 2, 860, 967 104: 2, 829, 964 105: 2, 829, 045 2, 839, 387 108: 2, 825, 643
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2,851,353 2,829,971 2,829,972 2,840,468 2,841,491 2,842,439	75— 167: 2,860,969 2,822,267 2,823,115 2,823,996 2,829,973 2,839,394 2,839,395 2,844,463 2,849,311 2,850,382 2,829,047 2,833,646 2,833,647 2,836,491 2,836,492 2,858,207 2,864,695 2,821,474 2,829,048 2,837,423 2,839,394 2,839,396 2,840,469 2,842,439 2,850,383 2,850,384 2,855,295 2,858,208 2,864,696 2,819,162 2,837,424 2,822,268 2,838,395 2,838,396 2,860,970 2,853,382 2,819,958 2,819,959 2,819,960 2,821,475 2,822,269 2,826,498 2,829,974 2,837,425 2,837,426 2,857,269 2,858,209 2,860,971 2,864,697 2,864,698 2,864,699 2,865,742 2,850,385 2,860,972 2,863,765 2,837,427 2,863,766 2,835,572 2,849,312 2,852,366 2,852,367 2,837,428 2,848,324 2,819,163 2,819,961 2,819,962 2,834,673 2,812,440 2,845,346 2,855,296 2,826,499 2,818,325 2,849,313 2,823,116 2,857,270 2,822,270 2,834,674 2,839,397 2,851,354 2,824,799 2,827,374 2,835,573 5: 2,832,236 2,862,409 2,823,562 2,818,752 2,833,165 2,854,642 2,842,012 2,822,707 2,850,923 2,855,808 2,821,097 2,824,468 2,828,653 2,833,166 2,835,146 2,842,983 2,865,233 2,826,100 2,852,961 2,865,234 2,831,375 2,849,898	76— 77: 2,841,038 2,855,809 2,824,469 2,832,237 2,834,230 2,849,899 2,866,363 2,852,962 2,825,248 2,852,963 Re.24,450 2,820,374 2,820,375 2,821,871 2,822,708 2,826,940 2,834,231 2,838,961 2,848,910 2,850,924 2,854,867 2,861,483 2,863,337 2,865,235 2,866,364 2,819,629 2,832,238 2,846,902 2,855,810 2,826,941 2,830,474 2,854,866 2,856,798 2: 2,834,232 2,834,233 2,852,964 2,864,268 2,820,376 2,826,942 2,826,943 2,836,966 2,838,962 2,853,901 2,859,643 2,864,269 2,864,270 2,866,365 4: 2,826,944 2,826,945 2,838,963 2,844,053 2,844,976 2,851,910 2,854,868 5: 2,824,470 2,837,938 2,842,984 2,857,788 2,832,239 2,820,377 2,826,101 2,827,806 2,831,376 2,835,147 2,863,338 2,819,961 2,819,962 2,834,673 2,849,900 2,853,902 2,853,903 2,856,799 2,866,366 2,849,313 2,859,644 2,842,985 2,836,086 2,842,013 2,832,240 2,854,869 2,830,475 2,852,965 2,857,789 2,854,801 2,846,903 2,860,716 2,860,531 2,863,339 2,845,826 2,865,236 33.7: 2,847,879 34.4: 2,838,964 34.5: 2,854,871 40: 2,838,965 42: 2,833,167 2,819,630 2,820,378 2,823,563 2,832,241 2,833,168 2,837,939 2,837,940 2,845,823 2,847,880 2,847,881 2,848,911	77— 55: 2,849,901 2,818,753 2,824,469 2,821,874 2,822,709 2,826,102 2,833,169 2,837,941 2,841,039 2,842,014 2,846,904 2,847,882 2,848,913 2,849,902 2,852,966 2,821,875 2,822,710 2,823,564 2,825,249 2,836,087 2,837,942 2,838,966 2,844,977 2,847,883 2,850,925 2,857,790 2,860,532 2,861,484 63: 2,826,103 2,835,148 2,838,967 2,850,926 2,850,927 2,858,717 2,861,485 2,862,410 2,866,367 2,827,808 2,830,476 2,832,242 2,842,986 2,842,987 2,844,054 65: 2,842,015 66: 2,826,104 2,847,884 2,863,340 68: 2,847,885 69: 2,852,967 2,852,968 2,853,904 2,863,341 70: 2,858,718 2,859,645 73: 2,842,988 2,845,824 2,865,237 73.5: 2,821,098 2,829,543 2,829,544 2,852,969 2,855,811 2,855,812 75.5: 2,856,800 1: 2,821,876 2,826,946 2,835,149 2,838,968 2,839,954 2,845,825 2,852,970 2,839,955 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858, 217 2, 864, 702 81: 2, 836, 495 2, 858, 218 82: 2, 838, 401 83: 2, 824, 806 2, 853, 388 2, 858, 219 85: 2, 819, 969 89: 2, 862, 820 90: 2, 827, 378 2, 842, 442 2, 844, 467 2, 858, 220
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99— 91: 2,819,168 2,850,389 2,864,703	99— 139: 2,856,290 2,861,889 2,865,762	99— 182: 2,862,821 2,862,822 2,863,778	99— 310: 2,859,684 312: 2,866,401 316: 2,863,376	100— 31: 2,824,511 32: 2,835,992 35: 2,823,602	101— 93: 2,831,424 2,837,023 2,838,993
92: 2,846,311 2,852,390 2,857,280 2,865,757	140: 2,835,590 2,835,591 2,835,592 2,835,593	184: 2,827,381 186: 2,821,482 2,824,012 2,827,382	317: 2,826,980 322: 2,835,191 329: 2,821,902 2,835,192	40: 2,865,283 42: 2,859,688 43: 2,844,092 52: 2,849,950	94: 2,831,424 2,842,048 2,850,967 2,850,968
93: 2,848,332 94: 2,835,588 2,841,497 2,856,287	2,856,291 2,857,281 2,860,054 2,861,890	187: 2,822,276 2,860,993 189: 2,830,911 2,841,500	2,844,089 2,846,940 2,857,838 2,863,377	79: 2,833,206 98: 2,818,797 2,826,137 2,850,530	95: 2,831,424 2,853,939 2,853,940 2,858,536
96: 2,830,906 100: 2,825,649 2,833,654 2,836,496	141: 2,845,353 143: 2,824,008 2,825,650 2,829,056	192: 2,823,131 2,824,013 2,844,475 2,846,318	2,865,279 330: 2,849,944 331: 2,861,513 332: 2,865,280	99: 2,821,907 2,833,207 108: 2,846,943 2,848,939	96: 2,826,149 2,845,019 99: 2,818,801 2,829,594
2,855,308 101: 2,859,118 102: 2,834,681 2,848,333	2,845,354 2,846,315 2,854,341 144: 2,844,469	2,850,393 2,851,366 2,852,394 193: 2,824,810	337: 2,854,918 338: 2,821,903 339: 2,819,667 2,827,846	127: 2,845,857 133: 2,829,586 142: 2,825,277 2,842,045	104: 2,818,802 2,832,284 2,853,002 115: 2,846,946
2,865,758 105: 2,823,126 2,831,773 2,838,221	2,865,763 146: 2,856,292 148: 2,830,690 2,831,775	2,828,211 2,832,690 2,860,994 194: 2,825,652	2,844,090 2,847,930 2,849,945 2,851,943	153: 2,846,944 154: 2,826,986 170: 2,832,280 171: 2,829,587	2,866,405 118: 2,821,129 122: 2,851,947 123: 2,835,881
2,852,391 106: 2,832,688 2,837,431 107: 2,823,127	2,841,499 2,861,891 150: 2,865,764 152: 2,855,313	2,827,383 2,845,358 2,852,395 2,860,056	2,853,936 2,860,568 2,865,281 340: 2,846,941	207: 2,831,423 215: 2,837,022 220: 2,822,750 231: 2,837,992	2,866,405 124: 2,864,308 125: 2,819,668 126: 2,821,130
2,824,003 2,827,379 2,830,907 2,831,774	153: 2,833,655 154: 2,819,972 2,819,973 2,828,210	195: 2,839,410 2,851,367 2,862,823 2,863,779	2,862,441 341: 2,818,794 346: 2,821,904 348: 2,864,302	232: 2,850,966 2,865,284 234: 2,829,588 255: 2,848,940	2,866,405 127: 2,863,384 127.1: 2,818,803 2,832,285
2,853,389 2,855,309 2,858,222 2,860,990	2,860,055 2,865,765 155: 2,845,355 157: 2,832,689	203: 2,835,597 204: 2,855,315 205: Re.24,466 2,835,598	355: 2,841,074 2,848,938 357: 2,831,419 2,831,420	256: 2,862,443 269: 2,854,919 2,864,304 272: 2,865,285	2,845,020 2,845,969 2,863,383 2,866,405
2,820,709 2,836,825 2,852,392 109: 2,860,052	2,866,708 159: 2,824,500 2,827,380 2,847,312	2,839,411 2,846,319 2,851,368 2,862,824	367: 2,833,202 387: 2,850,961 389: 2,821,127 2,847,931	286: 2,864,305 289: 2,826,138 295: 2,865,286 101— 1: 2,855,843	2,866,405 128.3: 2,860,576 132.5: 2,821,131 2,826,141
2,860,991 2,860,992 2,862,274 111: 2,824,004	2,854,342 161: 2,858,224 163: 2,819,974 2,843,495	206: 2,825,653 2,834,687 2,854,343 2,858,226	390: 2,849,946 2,865,282 391: 2,835,193 2,863,378	4: 2,832,281 6: 2,824,512 11: 2,834,283 19: Re.24,547	2,826,141 2,830,534 2,830,535 2,843,039
2,824,005 2,824,006 2,828,223 113: 2,848,334	2,848,335 2,856,293 166: 2,824,009 2,840,474	210: 2,850,394 212: 2,822,277 2,829,058 2,846,320	401: 2,838,989 402: 2,849,947 404: 2,826,983 2,833,203	20: 2,855,844 33: 2,857,839 35: 2,819,669 2,825,278	2,843,039 2,856,847 2,865,287 2,866,406
2,844,468 116: 2,850,390 2,851,363 2,864,704	2,840,475 2,840,476 2,856,294 2,864,707	217: 2,830,912 218: 2,824,014 221: 2,833,657 2,856,296	405: 2,860,569 2,863,379 406: 2,861,514 411: 2,822,747	2,829,589 2,834,284 2,834,285 2,834,286	2,830,534 2,830,535 2,843,039 2,856,847
2,836,497 118: 2,846,312 2,855,310 2,859,119	2,840,477 2,840,478 2,856,294 2,864,707	222: 2,832,132 2,825,654 2,828,212 2,857,284	419: 2,838,990 2,859,685 421: 2,821,905 2,827,848	20: 2,857,839 23: 2,819,669 35: 2,825,278 2,829,589	2,866,406 133: 2,863,385 134.5: 2,844,094 2,821,131
2,859,120 2,859,121 2,864,705 122: 2,865,759	2,849,320 2,864,708 2,865,766 171: 2,819,976	228: 2,825,654 2,828,212 2,857,284 2,860,995	422: 2,821,905 2,827,848 2,831,421 2,833,205	2,829,589 2,834,284 2,834,285 2,834,286	2,830,534 2,830,535 2,843,039 2,856,847
2,853,390 123: 2,819,169 2,855,311 2,865,760	2,824,010 2,825,651 2,834,686 2,835,594	229: 2,824,478 234: 2,865,278 236: 2,831,418 238: 2,824,508	423: 2,824,510 2,830,529 2,843,037 2,850,962	2,834,287 2,834,288 2,859,689 2,866,402	2,843,040 142: 2,826,142 144: 2,821,911 147: 2,853,941
2,865,760 125: 2,861,888 126: 2,859,121 2,860,053	2,849,321 2,838,403 2,843,496 2,844,471	239: 2,832,278 2,833,201 2,842,043 2,846,937	424: 2,826,983 2,838,991 2,839,989 2,845,856	2,866,402 2,866,402 2,866,402 2,866,402	2,866,402 149.1: 2,841,078 2,842,049 149.2: 2,830,536
2,834,682 129: 2,821,477 2,821,478 2,821,479	2,849,321 2,850,391 2,858,225 2,864,709	240: 2,824,508 2,856,841 2,863,375 2,848,937	425: 2,849,949 2,843,037 426: 2,847,933 2,850,962	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.3: 2,841,079 2,842,049 2,842,049
2,821,479 130: 2,819,970 2,819,971 2,824,507	2,864,710 2,865,767 2,865,768 172: 2,823,130	241: 2,851,940 2,856,841 2,863,375 2,848,937	427: 2,828,686 2,846,942 2,858,763 435: 2,827,849	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.4: 2,825,280 2,838,994 2,842,050
2,834,683 2,838,402 2,841,498 2,851,364	2,829,057 2,845,356 2,865,769 174: 2,822,275	242: 2,842,043 2,846,937 2,851,941 2,846,938	436: 2,826,984 2,830,529 2,843,037 2,850,963	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.5: 2,841,079 2,842,049 2,842,049
2,864,706 132: 2,824,007 2,856,288 2,865,761	2,824,011 2,830,909 2,830,910 2,835,595	243: 2,822,278 2,824,043 2,846,937 2,851,941	437: 2,828,686 2,846,942 2,858,763 438: 2,843,038	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.6: 2,841,079 2,842,049 2,842,049
2,824,808 134: 2,829,977 2,835,589 2,845,352	2,864,710 2,865,767 2,865,768 173: 2,823,130	244: 2,842,043 2,846,937 2,851,941 2,846,938	439: 2,843,038 2,826,984 2,830,529 2,843,037	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.7: 2,841,079 2,842,049 2,842,049
2,847,311 136: 2,821,480 2,823,128 2,833,129	2,865,769 2,865,770 174: 2,822,275 2,824,011	245: 2,847,933 2,851,941 2,846,938 2,851,941	440: 2,826,984 2,830,529 2,843,037 2,850,963	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.8: 2,841,079 2,842,049 2,842,049
2,823,129 2,824,684 2,843,493 2,853,391	2,865,770 2,865,771 175: 2,838,405 176: 2,845,357	246: 2,848,938 2,856,842 2,829,583 2,856,843	441: 2,827,849 2,830,529 2,843,037 2,850,963	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.9: 2,841,079 2,842,049 2,842,049
2,854,340 2,856,289 2,863,776 137: 2,834,685	2,865,772 177: 2,823,130 2,824,011 181: 2,865,770	247: 2,848,938 2,856,842 2,829,583 2,856,843	442: 2,826,984 2,830,529 2,843,037 2,850,963	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.10: 2,841,079 2,842,049 2,842,049
2,855,312 138: 2,821,481 2,846,313 2,851,365	2,865,773 178: 2,839,405 179: 2,845,357 2,857,283	248: 2,849,948 2,856,842 2,829,583 2,856,843	443: 2,827,849 2,830,529 2,843,037 2,850,963	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.11: 2,841,079 2,842,049 2,842,049
2,829,978 139: 2,846,314 2,852,393	2,865,774 180: 2,835,596 2,848,337 181: 2,865,770	249: 2,848,938 2,856,842 2,829,583 2,856,843	444: 2,826,984 2,830,529 2,843,037 2,850,963	2,866,402 2,866,402 2,866,402 2,866,402	2,842,049 149.12: 2,841,079 2,842,049 2,842,049

101—	224: 2,821,914	102—	13: 2,824,516	102—	70.2: 2,853,012	103—	44: 2,861,518	103—	113: 2,845,871	103—	152: 2,840,004
	226: 2,821,915		14: 2,856,849		2,856,852		45: 2,829,600		2,846,952		2,842,067
	227: 2,823,005		16: 2,826,991		2,856,853		2,836,122		2,850,983		2,843,050
	2,848,942		2,827,850	71: 2,825,284		2,853,016		2,850,984		153: 2,828,696	
	228: 2,845,021		2,837,026		2,831,430		2,821,141		2,857,851		2,832,296
	229: 2,865,288		2,839,996		2,836,118		2,822,757	115: 2,855,852			2,841,092
	232: 2,828,689		2,853,006		2,850,979		2,834,294	117: 2,826,151			2,844,103
	2,831,425		2,821,920		2,856,854		2,837,029		2,828,695		2,845,875
	2,831,426	17: 2,818,808		72: 2,838,999		2,837,030		2,843,049			2,856,863
	2,845,861	20: 2,819,673		73: 2,837,998		2,839,004		2,853,021			2,861,520
	2,821,916		2,821,921		2,848,949		2,841,086		2,855,853	157: 2,858,770	
	244: 2,864,309		2,831,429		2,831,431		2,843,046		2,856,859	158: 2,825,288	
	247: 2,818,804		2,833,213		75: 2,837,999		2,851,954		2,858,769	161: 2,823,619	
	2,853,943		2,833,214		76: 2,830,539		2,862,448		2,862,454		2,827,859
	248: 2,832,287		2,833,215		78: 2,845,866		2,840,001	48: 2,840,001	2,865,301		2,828,697
	2,860,578		2,837,027		2,863,393		2,834,295	49: 2,834,295			2,830,544
	2,863,387		2,837,995		79: 2,818,812		2,845,030		2,826,152		2,833,225
	269: 2,848,943		2,844,098		2,824,517		2,850,981		2,823,614		2,846,953
	282: 2,866,400		2,849,953		2,824,518		2,858,767		2,827,857		2,855,858
	284: 2,845,862		2,853,944		2,826,146		2,862,449		2,842,064		2,862,455
	287: 2,821,135		2,857,843		2,826,992		2,866,415		2,853,022		
	2,825,281	21: 2,846,948			2,834,292		2,863,313	50: 2,833,219			162: 2,821,144
	2,842,052	21.6: 2,821,136			2,850,980		2,861,519	51: 2,826,149			2,821,145
	288: 2,845,022		2,843,041		2,856,855		2,861,519		2,849,961		2,834,297
	291: 2,826,988	21.8: 2,859,697		81.2: 2,839,998		2,821,142		121: 2,845,872			2,844,104
	298: 2,823,606	22: 2,818,809		82: 2,845,027		2,828,694	52: Re.24,497		2,854,928		2,845,876
	299: 2,821,917		2,835,197	84: 2,821,925		2,860,530		125: 2,835,204			2,847,942
	302: 2,848,944		2,858,764		2,843,950		2,830,540		2,845,873		2,850,986
	306: 2,845,863		2,865,290	86.5: 2,843,950		2,837,847		2,859,699			2,853,025
	327: 2,863,388	24: 2,837,996			2,838,005		2,838,006	126: 2,820,416			2,858,771
	2,864,310		2,837,997		2,829,596		2,832,291		2,821,929		2,859,702
	333: 2,835,196		2,839,997		2,834,293		2,832,291		2,822,759		2,860,581
	336: 2,821,918		2,842,055		2,863,394		2,833,220		2,822,760		2,862,456
	2,855,847		2,842,056		2,854,925		2,833,221		2,823,615		2,865,304
	348: 2,818,805		2,856,850		2,838,000		2,838,007		2,823,616		
	2,826,989		2,857,844		92.5: 2,838,000		2,862,450		2,823,617		165: 2,821,931
	2,860,579	27: 2,823,609		93: 2,820,412		2,865,293			2,824,522		166: 2,835,226
	2,861,516		2,857,845		2,856,855		2,865,293		2,824,523		2,842,068
	2,863,389	28: 2,823,610		103—	1: 2,838,001		2,821,927	57: 2,821,927			173: 2,821,932
	2,833,212		2,863,392		2,847,936		2,865,294		2,824,524		2,839,008
	2,838,995	34: 2,833,216			2,865,291		2,855,851	70: 2,855,851			2,848,954
	2,842,053	34.1: 2,841,084		2: 2,827,852		2,838,002		83: 2,862,451			174: 2,818,816
	350: 2,822,753	34.2: 2,821,922			2,839,999		2,843,047	84: 2,843,047			2,825,289
	2,834,290	35: 2,828,690			2,848,951		2,844,099		2,833,223		2,834,298
	2,834,291	37.8: 2,826,144			2,853,947		2,818,814	87: 2,818,814			2,843,051
	2,845,864		2,848,946		2,855,849		2,824,520		2,836,125		178: 2,855,859
	2,854,924		2,864,311		2,847,937		2,827,855		2,837,031		2,863,396
	2,857,840	38: 2,821,137		3: 2,847,937		2,830,541			2,842,065		179: 2,821,933
	2,866,410		2,835,198		2,861,517		2,832,292		2,842,066		181: 2,831,439
	353: 2,841,081		2,862,446		2,864,312		2,836,123		2,845,031		202: 2,827,860
	363: 2,823,607		2,866,412		2,838,003		2,839,005		2,848,953		2,834,299
	364: 2,849,952	41: 2,826,145		4: 2,838,003		2,842,061			2,848,952		2,843,052
	365: 2,821,919		2,837,028		2,842,060		2,839,006		2,850,985		203: 2,818,817
	2,837,024	42: 2,818,810			2,857,848		2,843,048		2,853,952		2,843,053
	2,838,996		2,829,595		5: 2,820,413		2,844,100		2,855,855		213: 2,851,958
	2,853,005		2,842,057		2,826,147		2,844,101		2,855,856		218: 2,819,680
	366: 2,866,411		2,849,954		2,826,148		2,846,951		2,864,315		219: 2,853,950
	368: 2,839,993	43: 2,845,865			2,831,432		2,849,958		2,865,302		220: 2,818,818
	369: 2,831,427	44: 2,823,611			2,839,000		2,849,959		2,866,416		2,834,300
	372: 2,839,994		2,853,945		2,845,028		2,850,982		2,866,417		2,837,032
	375: 2,831,428	45: 2,818,811			2,853,013		2,851,955	127: 2,831,436			2,843,054
	379: 2,818,806		2,853,017		2,853,014		2,853,017	131: Re.24,500			2,858,772
	2,832,288	46: 2,855,848			2,865,292		2,853,018		2,841,089		2,862,457
	2,839,995	48: 2,819,674		6: 2,835,200		2,839,001		135: 2,830,543			221: 2,821,934
	2,857,841	49: 2,820,410			2,845,867		2,853,948		2,839,007		2,854,929
	2,859,693		2,821,923		2,847,939		2,857,849		2,856,860		232: 2,823,620
	380: 2,844,097		2,822,756		2,851,951		2,857,850	136: 2,819,677			2,824,525
	2,859,694		2,850,975		2,828,693		2,858,768		2,820,417		2,826,994
	390: 2,823,608		2,850,976		11: 2,845,868		2,862,452		2,821,143		2,828,698
	395: 2,826,143		2,853,946		12: 2,824,519		2,863,395		2,822,758		2,838,008
	399: 2,842,054		2,856,851		10: 2,820,414		2,865,295		2,823,618		2,865,305
	401.1: 2,841,082		2,862,447		23: 2,836,119		2,865,296	88: 2,865,296			233: 2,851,959
	2,841,083		2,866,413		26: 2,829,597		2,847,941	89: 2,847,941			235: 2,849,963
	401.3: 2,825,282		2,821,924		25: 2,829,597		2,842,062	91: 2,827,856			2,864,311
	407: 2,862,445	50: 2,821,924			2,840,000		2,864,314	96: 2,842,062			236: 2,855,860
	2,863,390		2,822,755		37: 2,820,415		2,845,869		2,855,857		238: 2,857,852
	409: 2,846,947		2,823,612		2,821,926		2,824,521		2,856,861		240: 2,848,955
	2,865,289		2,835,199		2,827,852		2,835,202	101: 2,824,521			248: 2,818,819
	415.1: 2,820,409		2,842,058		2,833,217		2,835,203		2,864,316		249: 2,857,853
	2,822,754		2,845,026		2,839,007		2,836,124	102: 2,854,926			255: 2,853,953
	2,837,025		2,849,955		2,851,952		2,842,063	103: 2,822,758			260: 2,820,418
	2,837,994		2,850,977		2,839,002		2,843,049		2,844,102		2,836,126
	2,850,970		2,853,945		2,841,085		2,843,050		2,845,032		262: Re.24,501
	2,850,971	56: 2,848,947			2,836,120		2,849,960		2,845,874		2,859,703
	421: 2,850,972		2,866,414		2,838,004		2,853,019		2,853,024		263: 2,825,290
	425: 2,832,289	65.2: 2,846,949			2,847,940		2,856,858		2,818,815		276: 2,820,419
	2,832,290		2,853,008		40: 2,843,043		2,862,453		2,826,993		2,855,861
	2,847,935	70: 2,828,691			2,819,675		2,865,297		2,831,437		104—
	426: 2,838,997		2,843,042		41: 2,831,433		2,865,298		2,841,091	1: 2,819,681	
	2,845,023		2,849,956		42: 2,818,813		2,865,299		2,849,962	2: 2,818,820	
102—	2: 2,836,117		2,857,846		2,821,140		2,865,300		2,865,303	5: 2,842,069	
	2,850,973	70.2: 2,820,411			2,827,854		2,865,301		2,865,302	8: Re.24,564	
	4: 2,845,024		2,821,138		2,829,599		2,865,302	104: 2,865,302			2,861,521
	6: 2,824,515		2,821,139		2,835,201		2,865,303	107: 2,841,087			9: 2,828,699
	7: 2,838,998		2,825,285		2,839,003		2,865,304	109: 2,859,698			12: 2,821,935
	2,848,945		2,827,851		2,845,029		2,865,305		2,844,103		2,843,055
	2,850,974		2,842,059		2,851,953		2,865,306		2,845,033		2,847,943
	2,859,695		2,846,950		2,858,766		2,865,307		2,845,875		2,855,862
	2,859,696		2,849,948		2,836,121		2,865,308		2,845,876		23: 2,864,318
	8: 2,826,990		2,849,949		2,843,044		2,865,309		2,845,877		25: 2,836,127
	2,83										

104—	50: 2,863,397 87: 2,853,954 88: 2,835,206 91: 2,832,297 2,836,128 2,864,319 93: 2,844,105 94: 2,825,291 96: 2,832,298 2,845,034 98: 2,819,683 2,845,877 2,851,960 100: 2,847,944 101: 2,840,005 102: 2,840,006 103: 2,845,035 115: 2,821,937 120: 2,836,129 2,853,956 148: 2,821,146 149: 2,819,684 2,850,987 2,858,773 2,866,418 150: 2,826,996 151: 2,840,007 162: 2,826,997 2,847,945 2,863,398 172: 2,839,009 176: 2,859,704 2,863,399 182: 2,834,301 196: 2,820,420 200: 2,840,008 235: 2,841,093 245: 2,821,938 254: 2,829,604 2,866,582 257: 2,821,939 258: 2,835,207 259: 2,820,421 279: 2,853,957	105—	253: 2,846,956 2,859,707 277: 2,826,999 279: 2,855,863 286: 2,859,708 308: 2,855,864 2,855,865 2,862,460 317: 2,843,059 321: 2,844,109 362: 2,819,686 364: 2,859,709 366: 2,837,036 2,858,774 368: 2,819,687 2,821,152 2,835,209 2,837,037 2,837,038 2,839,012 2,845,878 2,847,946 2,851,963 2,864,321 2,865,308 369: 2,821,153 2,821,941 2,826,156 2,827,000 2,827,861 2,834,304 2,835,210 2,836,131 2,837,039 2,839,013 2,843,060 2,846,957 2,846,958 2,853,959 2,854,931 2,855,866 2,856,865 2,856,866 2,856,867 2,857,855 2,857,856 2,859,710 2,864,322 374: 2,819,688 2,846,959 376: 2,866,419 377: 2,835,211 2,837,040 2,840,010 2,851,964 401: 2,834,305 404: 2,851,965 406: 2,819,689 2,821,942 2,865,309 414: 2,842,070 418: 2,862,461 422: 2,820,422 423: 2,823,624 2,853,960 424: 2,863,402 453: 2,859,711 106—	106—	38.23: 2,862,826 38.24: 2,833,658 2,840,479 38.25: 2,823,133 38.27: 2,840,480 2,857,285 38.3: 2,822,278 2,842,444 2,856,302 38.35: 2,824,811 2,829,060 2,837,434 2,842,445 2,861,893 38.5: 2,828,214 2,838,406 38.8: 2,863,781 38.9: 2,830,913 2,836,500 39: 2,829,061 2,836,501 2,847,314 2,852,400 2,855,316 2,855,317 2,860,058 2,862,827 2,864,711 2,864,712 2,864,713 40: 2,826,505 2,860,997 41: 2,850,396 42: 2,860,998 44: 2,839,413 2,846,324 2,860,999 46: 2,829,979 2,838,407 2,839,414 2,853,392 47: 2,819,977 2,842,446 2,853,393 2,861,000 2,863,782 48: 2,819,170 2,822,279 2,829,062 2,835,211 2,840,481 2,840,482 2,848,339 2,866,713 52: 2,860,059 53: 2,838,408 2,856,303 2,861,001 54: 2,846,325 55: 2,852,401 2,855,318 56: 2,862,828 57: 2,842,447 58: 2,823,134 60: 2,846,326 65: 2,866,714 67: 2,865,772 69: 2,838,409 71: 2,833,659 2,839,415 72: 2,838,410 74: 2,827,384 76: 2,835,602 82: 2,842,448 83: 2,850,397 84: 2,839,416 85: 2,829,063 86: Re.24,570 88: 2,862,829 2,864,714 90: 2,819,171 2,827,385 2,840,483 2,842,449 2,848,340 2,857,286 2,860,060 92: 2,823,135 93: 2,820,713 2,837,435 2,838,411 2,844,480 2,852,402 2,854,344 97: 2,837,436 2,846,327 2,858,227 2,827,386 2,836,502 100: 2,860,061 102: 2,819,172 104: 2,845,360 2,859,124	106—	106: 2,848,341 109: 2,831,776 2,857,287 110: 2,820,714 111: 2,856,304 114: 2,833,660 2,853,394 122: 2,836,503 2,853,395 123: 2,832,691 2,839,417 2,815,361 2,847,315 2,855,319 2,857,288 129: 2,850,398 131: 2,823,136 135: 2,824,015 145: 2,824,812 146: 2,822,280 2,844,481 2,860,062 148: 2,863,783 153: 2,845,302 2,854,345 154: 2,844,482 2,848,342 2,865,773 163: Re.24,486 2,850,399 2,864,715 2,855,320 164: 2,825,655 165: 2,855,321 166: 2,819,173 168: 2,834,688 169: 2,849,330 176: 2,849,328 177: 2,825,656 2,836,504 2,861,002 178: 2,819,978 2,840,481 2,852,403 2,865,774 180: 2,824,016 2,824,017 2,824,018 2,844,483 2,856,305 182: 2,836,505 2,839,418 2,840,485 184: 2,856,306 185: 2,860,063 186: 2,819,979 2,831,777 2,855,322 188: 2,836,506 2,839,419 189: 2,835,603 2,849,325 190: 2,858,228 193: 2,833,661 2,839,420 2,851,370 2,851,371 194: 2,842,451 195: 2,842,452 196: 2,848,343 198: 2,837,437 2,858,229 205: 2,845,369 2,849,326 208: 2,822,281 2,826,506 2,849,327 2,856,307 211: 2,852,404 213: 2,819,980 2,833,662 2,837,438 2,865,775 218: 2,846,328 219: 2,828,215 222: 2,829,064 227: 2,848,344 2,853,396 228: 2,838,412 232: 2,822,282 2,836,507 237: 2,853,397 238: 2,832,692 2,832,693 2,837,439 2,842,453 239: 2,825,657 243: 2,835,604 245: 2,855,323 2,863,784 253: 2,865,776 262: 2,822,283 264: 2,852,405 265: 2,846,329	106—	268: 2,842,454 2,846,330 2,860,064 270: 2,821,484 2,821,485 2,827,387 2,848,345 2,860,065 2,860,066 2,866,715 271: 2,842,455 2,861,003 272: 2,838,413 273: 2,856,308 2,860,067 2,863,785 277: 2,833,663 2,858,230 2,861,004 2,862,830 2,862,831 278: 2,859,125 279: 2,861,894 281: 2,831,778 2,841,502 2,861,895 282: 2,838,414 284: 2,826,507 2,835,605 285: 2,829,065 2,836,508 2,856,300 2,856,309 2,858,231 2,863,786 286: 2,841,503 287: 2,831,779 2,833,664 2,839,421 2,840,486 2,843,497 2,856,310 2,864,717 2,864,718 288: 2,823,137 2,843,498 2,844,484 2,844,485 2,847,316 2,848,346 2,861,005 2,865,777 2,865,778 289: 2,838,415 290: 2,827,388 2,854,346 2,857,289 2,864,719 297: 2,822,285 299: 2,847,317 300: 2,819,174 301: 2,819,175 2,850,400 2,850,402 304: 2,852,406 306: 2,865,779 2,865,780 2,865,781 307: 2,848,347 2,850,403 308: 2,819,177 2,819,177 2,830,914 2,833,665 2,841,504 2,844,486 2,846,331 2,846,332 2,849,329 2,865,782 2,866,716 311: 2,837,041 107—	107—	8: 2,836,868 2,857,859 2,863,403 2,865,310 2,865,311 9: 2,829,606 2,845,879 2,856,869 2,859,712 10: 2,842,071 12: 2,835,212 14: 2,825,292 2,828,700 2,838,011 2,840,012 2,842,072 2,844,110 2,845,036 2,853,027 2,854,932 2,863,404 15: 2,832,296 2,853,028 2,858,775 17: 2,839,015 19: 2,819,690 2,821,943 2,860,583 21: 2,827,001 22: 2,858,776 29: 2,838,012 2,838,013 31: 2,857,860 47: 2,820,423 48: 2,836,132 49: 2,851,968 2,864,323 2,866,421 54: 2,832,625 2,847,947 2,853,029 2,856,870 2,859,714 55: 2,845,880 2,846,961 57: 2,859,713 58: 2,819,691 60: 2,861,524 67: 2,840,013 108—	108—	1: 2,826,157 2,827,002 2,831,441 2,833,228 2: 2,846,962 5: 4: 2,839,016 2,842,074 6: 2,833,229 2,847,948 2,855,869 6.5: 2,848,957 2,861,525 7: 2,818,823 2,829,607 2,841,099 2,863,405 8: 2,818,824 9: 2,858,777 13: 2,832,300 2,855,870 2,864,324 16: 2,827,003 2,842,073 2,851,973 2,864,325 17: 2,824,527 2,830,546 21: 2,855,871 23: 2,840,014 26: 2,822,761 2,822,762 2,822,763 2,824,528 2,855,872 2,856,871 2,857,861 28: 2,821,154 2,843,063 2,849,966 2,851,969 30: 2,847,949 33: 2,822,764 2,828,701 2,845,881 2,865,312 109—	109—	1: 2,822,765 2,827,004 32: 2,839,017 33: 2,829,608 50: 2,819,692 59: 2,860,584 63.5: 2,818,825 2,827,863 2,829,609
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109— 63. 5:	2, 830, 547	112— 2:	2, 822, 770	112— 177:	2, 851, 937	113— 44:	2, 859, 719	114— 202:	2, 844, 117	116— 119:	2, 841, 109
	2, 842, 075		2, 826, 158	178:	2, 833, 234		2, 861, 530		2, 844, 118		2, 853, 043
	2, 844, 111		2, 834, 307	181:	2, 830, 550		2, 861, 531		2, 857, 874	124:	2, 819, 698
	2, 851, 970		2, 836, 133		2, 853, 035		2, 866, 429		2, 865, 319		2, 823, 638
	2, 859, 715		2, 846, 964	182:	2, 866, 425	46:	2, 843, 071	207:	2, 863, 415		2, 829, 619
	2, 864, 326		2, 847, 954	187:	2, 865, 317	49:	2, 821, 156	208:	2, 840, 029		2, 835, 220
	2, 865, 313		2, 848, 960	192:	2, 842, 081		2, 844, 115		2, 840, 030		2, 836, 143
110— 1:	2, 835, 213		2, 853, 031	201:	2, 860, 591		2, 851, 980		2, 840, 031		2, 842, 090
	2, 844, 112		2, 855, 877	207:	2, 827, 869	50:	2, 826, 161		2, 847, 963		2, 855, 886
	2, 851, 971		2, 857, 865	209:	2, 851, 975		2, 840, 026		2, 851, 983		2, 859, 725
3. 5:	2, 851, 972		2, 857, 866	210:	2, 838, 018	52:	2, 819, 697		2, 856, 881		2, 860, 596
8:	2, 840, 015		2, 860, 587		2, 844, 114		2, 864, 329		2, 856, 882		2, 861, 536
	2, 829, 610		2, 863, 407		2, 846, 965	54:	2, 822, 775		2, 857, 875	124. 1:	2, 841, 110
	2, 838, 014		2, 863, 408		2, 846, 966	59:	2, 833, 238	209:	2, 861, 534	124. 4:	2, 823, 639
	2, 845, 882		2, 864, 327		2, 851, 976		2, 845, 038	210:	2, 831, 450	125:	2, 826, 165
	2, 847, 950		2, 865, 316	211:	2, 857, 867		2, 857, 871		2, 837, 050	129:	2, 821, 952
	2, 847, 951	3:	2, 855, 878	212:	2, 820, 426	94:	2, 848, 969		2, 844, 119		2, 829, 620
	2, 862, 462	10:	2, 820, 424	214:	2, 836, 135	95:	2, 823, 633		2, 845, 039		2, 831, 453
9:	2, 835, 214		2, 845, 885		2, 866, 426	97:	2, 866, 430		2, 853, 039		2, 836, 144
	2, 835, 215		2, 845, 886	215:	2, 848, 964	98:	2, 824, 535	218:	2, 833, 240		2, 837, 052
	2, 838, 015	11:	2, 847, 955	218:	2, 828, 706	99:	2, 843, 072		2, 836, 141		2, 837, 053
	2, 858, 778		2, 848, 961		2, 840, 022		2, 859, 720		2, 861, 535		2, 842, 091
18:	2, 823, 626		2, 850, 993	219:	2, 825, 296		2, 862, 470	219:	2, 842, 085		2, 843, 079
	2, 838, 016	18:	2, 844, 113		2, 828, 707	102:	2, 830, 551		2, 843, 074		2, 846, 970
	2, 843, 064	25:	2, 862, 464		2, 832, 303		2, 854, 941		2, 847, 964		2, 847, 970
	2, 850, 991	65:	2, 822, 771		2, 833, 235	103:	2, 821, 946	222:	2, 831, 451		2, 848, 973
	2, 857, 862	76:	2, 824, 530		2, 838, 019		2, 823, 634	230:	2, 845, 892		2, 851, 002
	2, 859, 716	77:	2, 841, 105		2, 847, 956	104:	2, 824, 536	240:	2, 853, 040		2, 855, 887
	2, 860, 585		2, 849, 972		2, 853, 967		2, 836, 139	250:	2, 842, 086		2, 855, 888
	2, 863, 406	22:	2, 849, 973	220:	2, 828, 700	109:	2, 821, 947	1:	2, 821, 949		2, 855, 889
	2, 840, 016		2, 866, 423		2, 838, 020		2, 843, 073		2, 823, 637		2, 861, 537
28:	2, 822, 766	78:	2, 827, 865		2, 850, 996	110:	2, 831, 446		2, 860, 593	131:	2, 821, 953
	2, 822, 767	79:	2, 827, 866		2, 858, 785	111:	2, 820, 427	11:	2, 848, 972	133:	2, 828, 712
	2, 823, 627		2, 829, 611		2, 863, 410		2, 830, 552	12:	2, 832, 306		2, 834, 316
	2, 823, 628		2, 832, 301	221:	2, 824, 532		2, 833, 239		2, 847, 965		2, 849, 979
	2, 833, 230		2, 836, 134	222:	2, 824, 533		2, 847, 958	17:	Re. 24, 511		2, 856, 888
	2, 843, 065		2, 840, 019	226:	2, 833, 236	116:	2, 826, 162		2, 847, 966		2, 859, 728
	2, 849, 967		2, 842, 079		2, 834, 310		2, 828, 711	18:	2, 860, 594		2, 861, 538
	2, 855, 873		2, 842, 080		2, 855, 880		2, 851, 981		2, 820, 428	135:	2, 827, 872
	2, 858, 780		2, 853, 032	227:	2, 857, 868	120:	2, 837, 048	20:	2, 847, 967		2, 828, 713
	2, 861, 526		2, 853, 033	228:	2, 839, 019		2, 847, 959	24:	2, 827, 871		2, 853, 044
35:	2, 825, 293		2, 853, 034		2, 856, 875		2, 850, 999		2, 835, 217		2, 853, 045
38:	2, 848, 959		2, 853, 963	229:	2, 836, 136		2, 851, 000	26:	2, 824, 539		2, 866, 433
56:	2, 847, 952		2, 855, 879	231:	2, 848, 965		2, 855, 884	29:	2, 826, 164	137:	2, 821, 954
72:	2, 842, 076		2, 860, 588		2, 851, 977		2, 822, 776	35:	2, 834, 313		2, 821, 955
97:	2, 845, 037		2, 862, 465	232:	2, 822, 773		2, 836, 140		2, 837, 051	139:	2, 859, 726
	2, 847, 953		2, 862, 466		2, 851, 978		2, 839, 021	41:	Re. 24, 511		2, 857, 879
	2, 858, 781	79. 5:	Re. 24, 546	235:	2, 827, 006		2, 842, 082		2, 847, 968	141:	2, 856, 890
99:	2, 819, 693		2, 828, 702		2, 857, 870		2, 851, 532		2, 856, 883	147:	2, 824, 540
	2, 822, 768	80:	2, 837, 045	237:	2, 836, 137		2, 865, 318	2:	2, 818, 829		2, 854, 944
	2, 824, 529	100:	2, 824, 531		2, 841, 106	16:	2, 823, 635	28:	2, 854, 942	148:	2, 830, 554
	2, 834, 306		2, 849, 974	238:	2, 833, 237		2, 823, 636	31:	2, 835, 218	169:	2, 820, 431
	2, 840, 017	102:	2, 828, 703		2, 848, 966		2, 849, 978		2, 845, 893	173:	2, 853, 046
104:	2, 841, 101	110:	2, 822, 772	242:	2, 860, 427		2, 859, 721	34:	2, 842, 087		2, 855, 890
106:	2, 841, 102	113:	2, 830, 549	245:	2, 853, 036		2, 848, 970		2, 858, 791		2, 856, 891
	2, 845, 883		2, 843, 069	252:	2, 826, 160	17:	2, 848, 970		2, 866, 432		2, 858, 793
	2, 849, 968	115:	2, 826, 159		2, 846, 967	20:	2, 824, 537	57:	2, 820, 429	117— 1:	2, 848, 348
	2, 856, 872	118:	2, 837, 046		2, 850, 997		2, 847, 960		2, 836, 075		2, 826, 508
160:	2, 855, 874	122:	2, 827, 867	254:	2, 858, 786		2, 853, 038	60:	2, 821, 950		2, 847, 318
165:	2, 835, 216	125:	2, 825, 294	256:	2, 848, 967	23:	2, 851, 982	63:	2, 834, 314	3. 2:	2, 862, 832
170:	2, 862, 463	132:	2, 823, 631		2, 863, 412	25:	2, 824, 538		2, 835, 219	4:	2, 822, 286
173:	2, 837, 044	136:	2, 818, 826		2, 864, 328	26:	2, 847, 961		2, 863, 416		2, 833, 666
177:	2, 827, 864	139:	2, 834, 308	258:	2, 828, 709	39:	2, 858, 788		2, 864, 331		2, 839, 422
179:	2, 823, 629		2, 839, 018		2, 828, 710	43:	2, 855, 885	65:	2, 829, 617		2, 852, 407
181:	2, 819, 694	147:	2, 854, 931	260:	2, 829, 613	43. 5:	2, 841, 107	67:	2, 834, 315		2, 862, 837
111— 2:	2, 853, 962	151:	2, 827, 868		2, 829, 614	45:	2, 830, 553	98:	2, 860, 595	5. 5:	2, 849, 331
3:	2, 831, 442	152:	2, 840, 020		2, 837, 047		2, 834, 311	106:	2, 842, 088		2, 865, 783
5:	2, 830, 548		2, 862, 467		2, 863, 413	50:	2, 844, 116		2, 851, 984	6:	2, 835, 606
	2, 841, 103	155:	2, 856, 873	261:	2, 840, 023		2, 857, 873		2, 856, 885		2, 854, 347
	2, 843, 068	158:	2, 818, 827	262:	2, 819, 696	53:	2, 829, 615		2, 856, 886		2, 859, 126
	2, 859, 717		2, 819, 695		2, 821, 155	54:	2, 847, 962		2, 858, 792	7:	2, 824, 019
6:	2, 866, 422		2, 823, 632		2, 832, 302	55:	2, 826, 163		2, 859, 723		2, 829, 066
7:	2, 827, 005		2, 832, 302		2, 833, 233	57:	2, 827, 049		2, 865, 320		2, 836, 509
	2, 842, 077		2, 833, 233		2, 848, 962	58:	2, 837, 049	109:	2, 856, 887		2, 844, 488
	2, 843, 066		2, 848, 962		2, 848, 963	66. 5:	2, 821, 948		2, 866, 432		2, 844, 488
	2, 843, 067		2, 851, 974		2, 853, 964		2, 842, 083	112:	2, 831, 452		2, 861, 006
	2, 849, 969		2, 853, 965	113— 1:	2, 836, 138		2, 856, 877		2, 840, 032		2, 862, 833
	2, 849, 970		2, 853, 965		2, 845, 887		2, 856, 878		2, 840, 033		2, 863, 787
	2, 853, 030		2, 854, 935		2, 853, 037		2, 856, 879	114:	2, 818, 830	8:	2, 827, 389
	2, 857, 863		2, 856, 871		2, 860, 592	72:	2, 853, 968		2, 820, 430		2, 851, 372
	2, 859, 718		2, 858, 782		2, 861, 529	73:	2, 840, 027		2, 825, 297	8. 5:	2, 827, 390
7. 1:	2, 822, 769		2, 860, 589		2, 866, 428		2, 845, 890		2, 829, 618	9:	2, 819, 178
	2, 850, 992		2, 862, 468	7:	2, 845, 888	75:	2, 856, 880		2, 839, 022	10:	2, 829, 067
7. 3:	2, 821, 944		2, 863, 409	18:	2, 822, 774	102:	2, 831, 447		2, 841, 108		2, 826, 509
13:	2, 831, 443		2, 863, 409	32:	2, 818, 828	103:	2, 858, 789		2, 843, 076		2, 835, 607
14:	2, 833, 231	159:	2, 840, 021	33:	2, 850, 998	121:	2, 858, 790		2, 846, 969		2, 840, 487
34:	2, 854, 933	160:	2, 820, 425	34:	2, 845, 889	122:	2, 842, 084		2, 851, 985		2, 865, 791
49:	2, 841, 104		2, 825, 295	35:	2, 862, 469	126:	2, 832, 305		2, 853, 042		2, 866, 717
51:	2, 833, 232		2, 828, 704	38:	2, 827, 870		2, 848, 971		2, 854, 943	11:	2, 819, 180
	2, 840, 018		2, 828, 705		2, 843, 070	144:	2, 845, 891		2, 854, 943		2, 819, 181
52:	2, 831, 444		2, 849, 975		2, 851, 979	145:	2, 864, 330	117:	2, 827, 008		

117— 17 5: 2,843,499 2,846,333 2,851,373 2,857,290 2,859,127 2,859,128 2,859,129 18: 2,828,216 2,830,915 2,841,505 20: 2,844,489 21: 2,852,409 2,866,718 22: 2,837,442 23: 2,843,500 25: 2,855,324 27: 2,866,719 33.3: 2,834,689 2,854,349 2,861,896 2,863,788 33.5: 2,819,182 2,819,183 2,822,288 2,824,814 2,826,510 2,827,391 2,827,392 2,828,217 2,832,694 2,840,488 2,851,374 2,855,325 2,856,311 2,858,233 2,858,234 2,865,784 34: 2,861,008 35: 2,819,982 2,822,289 36: Re. 2,44,554 2,820,717 2,824,815 2,854,350 2,864,720 37: 2,820,718 38: 2,821,486 2,821,487 2,844,490 2,855,326 2,860,068 2,860,069 40: 2,832,695 41: 2,849,332 2,861,009 2,862,834 2,862,835 44: 2,850,404 2,854,351 2,854,352 45: 2,855,327 46: 2,842,457 2,845,364 2,848,349 2,865,785 47: 2,847,319 2,847,320 2,848,350 2,853,398 2,854,353 2,859,130 2,861,897 49: 2,838,417 50: 2,833,667 2,833,668 2,839,423 2,843,501 2,851,375 2,856,312 51: 2,824,020 2,824,021 2,847,321 2,848,351 2,852,410 53: 2,837,443 54: 2,824,022 2,831,780 55: 2,820,719 59: 2,860,070 60: 2,838,669 2,834,690 62: 2,833,670 2,854,354 63: 2,846,334 2,849,333 64: 2,819,184 2,829,980 2,849,334 65: 2,819,185 2,820,720 2,824,023 2,827,393 2,834,691 2,835,608 2,836,510	117— 65: 2,836,511 2,836,512 2,838,418 2,839,424 2,843,502 2,844,491 2,815,365 2,845,366 2,848,352 2,850,405 2,852,411 2,852,412 2,853,400 2,853,401 2,855,328 2,856,313 2,858,235 2,862,836 66: 2,844,492 2,852,408 2,855,329 67: 2,865,786 68: 2,849,335 2,858,236 68.5: 2,822,290 69: 2,826,511 2,832,696 2,832,697 2,832,698 2,832,699 70: 2,826,512 2,828,218 2,842,458 2,851,376 2,861,010 2,864,721 71: 2,823,139 2,847,322 2,853,402 2,856,314 2,865,787 72: 2,820,721 2,828,219 2,829,067 2,837,444 2,842,459 2,852,413 2,860,071 2,860,072 2,861,011 2,864,722 2,865,788 2,866,720 73: 2,819,983 2,835,609 74: 2,838,419 75: 2,823,140 2,847,323 76: 2,819,186 2,819,984 2,819,985 2,823,141 2,823,142 2,824,024 2,824,025 2,828,220 2,828,221 2,828,222 2,828,223 2,828,224 2,829,068 2,829,069 2,833,671 2,841,506 2,856,315 2,857,291 2,860,073 2,864,723 2,864,724 83: 2,864,725 85: 2,843,503 92: 2,819,986 93: 2,826,513 2,827,394 2,829,070 2,834,692 2,839,425 2,842,460 2,847,324 2,865,789 2,865,790 94: 2,832,700 97: 2,822,291 2,832,701 2,843,504 2,846,335 98: 2,827,395 2,856,316 99: 2,855,330 100: 2,829,981 2,829,982 2,853,403 2,855,331 2,861,898	117— 102: 2,843,505 2,848,353 2,848,354 103: 2,826,514 2,831,781 2,833,672 2,836,513 2,838,420 2,854,355 2,861,899 2,866,721 104: 2,823,143 2,859,131 2,866,722 105: 2,861,900 106: 2,836,514 2,839,426 2,840,489 2,849,336 107: 2,820,722 2,822,292 2,825,658 2,843,506 2,847,325 2,855,332 2,859,132 112: 2,859,133 114: 2,849,337 118: 2,858,237 119: 2,828,225 120: 2,828,226 121: 2,823,144 122: 2,824,026 2,838,421 2,848,355 2,850,406 2,853,404 123: 2,827,396 2,827,397 124: 2,840,490 126: 2,825,659 2,833,673 2,834,693 2,849,338 2,854,356 127: 2,820,723 2,831,782 2,846,336 2,864,726 129: 2,843,507 2,857,292 130: 2,819,187 2,819,188 2,822,293 2,822,294 2,827,398 2,827,399 2,827,400 2,828,227 2,836,515 2,837,445 2,842,461 2,847,327 2,851,377 131: 2,824,024 132: 2,829,984 2,839,428 2,860,074 135.5: 2,824,816 2,825,660 2,829,071 2,838,422 2,838,423 136: 2,828,228 2,841,507 2,859,134 2,861,901 137: 2,838,424 2,852,414 2,861,012 138: 2,823,145 138.5: 2,821,488 2,822,295 2,822,296 2,822,297 2,836,516 2,838,425 2,848,356 2,861,902 2,864,727 138.8: 2,825,661 2,825,662 2,826,515 2,831,783 2,836,517 2,837,446 2,840,491 2,854,357 2,864,728 2,866,723 139.4: 2,829,072 2,833,674 2,839,429 2,846,337 2,850,407	117—139.4: 2,850,408 139.5: 2,819,189 2,820,724 2,828,229 2,839,430 2,839,431 2,842,462 2,848,357 2,859,135 140: 2,819,987 2,822,298 2,840,492 142: 2,838,426 143: 2,825,663 2,865,792 144: 2,821,489 145: 2,819,988 2,859,136 154: 2,851,378 155: 2,839,432 156: 2,839,916 161: 2,829,073 2,851,379 2,859,137 164: 2,858,238 169: 2,859,138 200: 2,821,490 2,822,299 2,827,401 2,832,702 2,841,508 2,854,358 2,857,293 2,858,239 2,861,903 2,865,793 2,865,794 201: 2,822,300 2,829,074 2,830,917 2,831,784 2,833,675 2,847,328 2,839,433 205: 2,824,817 206: 2,820,725 2,855,333 207: 2,820,726 2,861,013 211: 2,842,463 2,842,464 2,844,493 2,847,329 2,848,358 2,849,339 2,850,409 2,852,415 2,857,294 212: 2,823,146 2,824,027 2,830,918 2,838,427 2,847,330 2,848,359 2,851,380 2,852,416 213: 2,833,676 2,858,240 2,844,494 215: 2,858,240 216: 2,840,493 217: 2,820,727 2,822,301 2,833,677 2,862,838 218: 2,846,338 2,861,014 220: 2,847,331 221: 2,822,302 2,860,075 223: 2,846,339 224: 2,860,076 227: 2,837,447 2,851,381 228: 2,819,989 2,820,728 2,823,147 2,847,332 2,859,139 2,866,724 2,866,725 230: 2,858,241 2,865,795 232: 2,825,664 2,830,919 2,836,518 2,838,428 2,839,434 2,847,333 2,864,728 118— 1: 2,821,157 2: 2,821,158 2,828,714 2,855,891 3: 2,827,009 2,851,986	118— 3: 2,855,892 2,859,727 5: 2,826,166 6: 2,821,159 7: 2,824,541 2,827,873 2,830,555 2,841,111 8: 2,856,892 11: 2,821,160 2,832,308 2,841,112 12: 2,839,023 13: 2,821,957 2,845,040 2,851,003 16: 2,843,080 2,854,945 2,855,893 18: 2,839,024 25: 2,821,958 29: 2,856,893 34: 2,826,167 40: 2,837,054 2,851,004 47: 2,856,894 48: 2,853,969 49: 2,818,831 2,846,971 2,851,987 2,853,047 2,853,970 3,864,332 49.1: 2,845,894 50: 2,858,795 56: 2,832,309 57: 2,838,023 58: 2,822,777 59: 2,861,539 60: 2,824,542 62: 2,833,241 63: 2,821,161 2,848,974 64: 2,823,640 68: 2,848,975 69: 2,839,025 2,849,980 72: 2,824,543 73: 2,861,540 74: 2,823,041 119: 2,861,541 122: 2,843,081 123: 2,832,310 2,864,333 202: 2,835,221 208: 2,821,162 212: 2,828,715 218: 2,836,145 221: 2,836,146 234: 2,840,036 241: 2,827,010 248: 2,842,092 249: 2,827,011 257: 2,845,041 258: 2,855,894 259: 2,862,471 262: 2,858,796 264: 2,825,298 2,857,877 265: 2,847,972 267: 2,843,082 268: 2,827,012 300: 2,845,042 2,865,325 301: 2,842,093 2,842,094 2,866,434 302: 2,821,959 306: 2,839,026 2,842,095 2,859,728 2,865,321 2,865,322 307: 2,851,005 309: 2,820,432 2,827,013 310: 2,821,163 314: 2,853,048 315: 2,840,037 317: 2,821,164 2,846,972 2,846,973 2,846,974 2,858,797 2,859,729 321: 2,838,024 2,864,334 322: 2,838,025 323: 2,823,642 2,840,038 324: 2,846,975 2,854,946	118— 401: 2,827,874 407: 2,824,544 2,855,895 408: 2,845,043 410: 2,822,778 412: 2,833,242 413: 2,843,083 2,860,597 415: 2,859,730 417: 2,825,299 418: 2,860,598 421: 2,857,878 423: 2,823,643 2,831,454 2,844,122 2,856,895 2,861,542 425: 2,845,044 426: 2,818,832 500: 2,833,243 2,837,055 503: 2,829,621 2,834,317 2,856,896 505: 2,831,455 2,835,222 2,840,039 612: 2,845,045 620: 2,836,147 621: 2,858,798 623: 2,857,879 626: 2,860,599 2,865,324 637: 2,822,779 2,824,545 2,826,168 2,832,311 2,843,084 2,844,123 2,851,988 2,854,947 2,861,543 2,862,472 119— 1: 2,824,546 2,826,169 2,841,113 2,848,976 2,849,981 2,851,006 2,854,948 2,859,731 3: 2,860,600 4: 2,853,049 5: 2,847,973 2,858,799 14.01: 2,831,456 14.03: 2,858,800 14.08: 2,836,148 14.17: 2,853,050 14.38: 2,832,314 14.45: 2,834,318 2,833,051 14.46: 2,818,833 2,851,989 14.52: 2,853,971 15: 2,821,165 2,825,301 16: 2,825,300 2,843,085 17: 2,822,780 2,845,895 2,857,880 2,864,335 18: 2,851,990 2,863,418 20: 2,835,223 2,863,419 22: 2,843,086 2,856,897 26: 2,839,027 27: 2,830,556 2,853,052 29: 2,821,960 2,831,457 2,833,244 2,837,056 2,851,991 32: 2,821,166 33: 2,834,319 2,851,992 34: 2,826,170 37: 2,833,245 40: 2,864,336 43: 2,846,976 48: 2,827,014 2,827,875 2,833,246 51: 2,819,699 2,821,961 2,833,247 2,841,114 2,845,896 2,856,898 51.5: 2,856,899 52: 2,826,171
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119—	52:	2,827,876	120—42.13:	2,837,057	121—	41:	2,828,720	121—	123:	2,820,436	122—	478:	2,832,323	123—41.11:	2,820,440
		2,836,149	42.4:	2,829,623			2,828,721			2,851,013			2,834,325		2,822,730
		2,839,028		2,834,321			2,829,624			2,862,478			2,835,231	41.12:	2,819,703
		2,841,115		2,846,977			2,829,625		130:	2,828,722			2,840,053		2,837,069
		2,842,096		2,847,975			2,830,562		148:	2,851,014			2,845,049		2,855,909
		2,842,097		2,859,972			2,832,316		150:	2,829,626			2,847,979	41.17:	2,819,704
		2,858,801		2,860,602			2,832,317			2,852,001			2,851,015		2,853,061
		2,861,544		2,866,439			2,833,253			2,853,057			2,856,904		2,858,910
		2,863,420		2,855,897	44:		2,835,228			2,864,342			2,856,906	41.21:	2,841,129
		2,865,326		2,821,174	45.4:		2,838,028		158:	2,847,978			2,856,907	41.23:	2,825,317
53:		2,834,320	47:	2,831,460			2,839,051		164:	2,825,310			2,860,613	41.29:	2,845,051
		2,836,150		2,833,252			2,840,045		182:	2,839,033			2,865,244	41.31:	2,832,326
		2,841,116			50:		2,842,101		187:	2,830,564		479:	2,819,702		2,818,841
		2,849,982		2,847,976			2,846,982			2,841,121			2,820,438	41.35:	2,834,329
		2,854,949		2,849,985			2,854,955		194:	2,821,174			2,837,066		2,848,984
		2,866,435		2,855,898			2,854,956			2,837,063			2,840,054		2,865,348
		2,830,557		2,857,883	91:		2,855,900			2,865,341			2,840,055	41.37:	2,865,349
54:		2,828,716		2,857,884	92:		2,855,901	122—	1:	2,860,610			2,841,125	41.38:	2,818,842
		2,835,224		2,818,834	96:		2,855,902		4:	2,826,180			2,848,983		2,860,614
				2,822,781			2,862,477			2,840,043			2,851,018	41.4:	2,853,980
				2,851,009			2,863,422			2,842,102			2,852,005	41.42:	2,835,234
				2,853,053			2,864,339			2,853,979			2,856,908		2,846,987
				2,826,175	102:		2,865,335		6:	2,840,046			2,864,343	41.46:	2,820,441
				2,845,047			2,865,336			2,841,122			2,840,056		2,824,552
				2,846,978			2,865,337		7:	2,825,311			2,840,057	41.48:	2,840,061
				2,866,440	108:		2,865,340			2,831,467			2,842,104	41.56:	2,825,318
				2,847,977			2,866,441		13:	2,827,021			2,866,444	41.63:	2,853,981
				2,848,979			2,824,549	42:		2,823,649			2,821,175	41.65:	2,855,911
				2,853,054			2,837,060		30:	2,845,905			2,834,326	41.69:	2,851,020
				2,842,100	109.5:		2,857,885		31:	2,822,784			2,864,345	41.72:	2,837,892
					1:		2,828,029	43:		2,832,650			2,820,439	41.73:	2,862,483
							2,866,442		32:	2,845,906			2,835,232	41.74:	2,853,062
							2,846,979	44:		2,820,437			2,840,056	41.82:	2,844,130
							2,854,952	45:		2,862,479			2,840,057		2,853,063
							2,843,092		33:	2,827,582			2,842,105		2,858,915
							2,849,982		34:	2,862,479			2,849,991		2,849,993
							2,854,953		68:	2,827,582			2,855,905	44:	2,864,349
							2,824,547		75:	2,835,230			2,862,481	46:	2,823,653
							2,853,973		82:	2,858,906			2,845,050		2,825,319
							2,826,176		114:	2,834,323			2,856,908		2,839,035
							2,831,461		118:	2,859,736			2,854,962		2,849,995
							2,862,475		121:	2,832,320			2,854,963		2,858,916
							2,821,962		149:	2,855,903			2,842,106		2,856,909
							2,861,548	46:		2,826,182			2,842,107		2,858,917
							2,830,563		155:	2,837,064			2,842,108		2,862,484
							2,859,082		165:	2,841,124			2,842,109		2,865,350
							2,841,120		214:	2,827,785			2,842,110		2,868,918
							2,845,900		235:	2,827,022			2,842,111		2,871,919
							2,850,733			2,832,321			2,842,112		2,874,920
							2,820,433	46.5:		2,836,155			2,842,113		2,877,921
							2,831,462			2,840,047			2,842,114		2,880,922
							2,821,963			2,840,048			2,842,115		2,883,923
							2,827,019			2,849,989			2,842,116		2,886,924
							2,830,560			2,853,059			2,842,117		2,889,925
							2,843,090			2,854,959			2,842,118		2,892,926
							2,860,603			2,855,905			2,842,119		2,895,927
							2,831,463		236:	2,856,905			2,842,120		2,898,928
							2,864,348		240:	2,818,837			2,842,121		2,901,929
							2,831,465			2,821,965			2,842,122		2,904,930
							2,831,466			2,822,786			2,842,123		2,907,931
							2,832,318			2,860,611			2,842,124		2,910,932
							2,832,319			2,861,553			2,842,125		2,913,933
							2,836,153			2,863,424			2,842,126		2,916,934
							2,836,154			2,864,345			2,842,127		2,919,935
							2,837,061			2,865,346			2,842,128		2,922,936
							2,843,093		250:	2,823,652			2,842,129		2,925,937
							2,845,903		264:	2,828,723			2,842,130		2,928,938
							2,845,904		265:	2,827,023			2,842,131		2,931,939
							2,848,981		275:	2,845,907			2,842,132		2,934,940
							2,849,987		333:	2,825,312			2,842,133		2,937,941
							2,851,012			2,840,049			2,842,134		2,940,942
							2,851,013			2,852,002			2,842,135		2,943,943
							2,851,014		336:	2,860,612			2,842,136		2,946,944
							2,853,056		338:	2,840,050			2,842,137		2,949,945
							2,853,057		356:	2,818,838			2,842,138		2,952,946
							2,853,058			2,826,313			2,842,139		2,955,947
							2,853,059			2,827,065			2,842,140		2,958,948
							2,853,060			2,828,724			2,842,141		2,961,949
							2,853,061			2,829,627			2,842,142		2,964,950
							2,853,062			2,829,628			2,842,143		2,967,951
							2,853,063			2,830,565			2,842,144		2,970,952
							2,853,064			2,831,468			2,842,145		2,973,953
							2,853,065			2,832,321			2,842,146		2,976,954
							2,853,066			2,833,224			2,842,147		2,979,955
							2,853,067			2,834,328			2,842,148		2,982,956
							2,853,068			2,835,231			2,842,149		2,985,957
							2,853,069			2,836,134			2,842,150		2,988,958
							2,853,070			2,837,067			2,842,151		2,991,959
							2,853,071			2,838,007			2,842,152		2,994,960
							2,853,072			2,839,008			2,842,153		2,997,961
							2,853,073			2,840,009			2,842,154		2,999,962
							2,853,074			2,841,010			2,842,155		3,002,963
							2,853,075			2,842,011			2,842,156		3,005,964
							2,853,076			2,843,012			2,842,157		3,008,965
							2,853,077			2,844,013			2,842,158		3,011,966
							2,853,078			2,845,014			2,842,159		3,014,967
							2,853,079			2,846,015			2,842,160		3,017,968
							2,853,080			2,847,016			2,842,161		3,020,969
							2,853,081			2,848,017			2,842,162		3,023,970
							2,853,082			2,849,018			2,842,163		3,026,971
							2,853,083			2,850,019			2,842,164		3,029,972
							2,853,084			2,851,020			2,842,165		3,032,973
							2,853,085			2,852,021			2,842,166		3,035,974
							2,853,086			2,853,022					

3— 90: 2,827,888	123— 119: 2,860,618	123— 185: 2,850,003	125— 11: 2,832,330	126— 116: 2,836,170	128— 2: 2,839,049
2,829,628	2,862,488	187.5: 2,851,027	2,838,040	2,841,135	2,839,050
2,830,566	2,862,489	2,857,900	2,844,137	2,844,140	2,839,051
2,830,567	2,863,433	2,857,901	2,845,920	2,846,997	2,840,069
2,831,409	2,863,434	2,862,491	2,845,921	2,850,004	2,841,138
2,831,470	2,863,435	188: 2,821,973	2,848,989	120: 2,821,975	2,847,000
2,832,327	2,864,354	2,822,796	2,853,993	2,846,998	2,847,990
2,833,257	120: 2,852,013	2,827,031	2,853,994	121: 2,829,634	2,850,007
2,833,258	2,863,436	2,827,891	2,855,917	2,832,332	2,855,920
2,834,330	122: 2,821,181	2,839,041	2,860,622	2,863,443	2,866,452
2,835,236	2,821,182	2,842,111	2,861,561	141: 2,825,326	2,821,188
2,838,036	2,822,794	2,843,102	2,862,492	143: 2,819,711	2,826,191
2,840,063	2,832,328	2,844,134	2,862,493	163: 2,859,743	2,827,040
2,841,128	2,833,261	2,855,915	12: 2,831,476	2,860,625	2,828,734
2,843,095	2,836,161	2,865,359	13: 2,819,709	165: 2,843,109	2,829,637
2,844,132	2,837,073	189: 2,827,032	2,835,243	169: 2,860,626	2,831,479
2,845,053	2,839,039	190: 2,857,902	2,836,168	190: 2,823,660	2,833,274
2,845,914	2,846,989	191: 2,826,184	2,838,041	2,843,110	2,836,173
2,846,988	2,853,065	2,826,185	2,863,440	191: 2,823,661	2,845,060
2,847,981	2,857,898	2,826,186	2,863,441	2,823,662	2,848,992
2,847,982	2,862,490	2,826,187	15: Re.24,662	2,823,662	2,851,030
2,848,985	2,864,355	2,827,033	2,818,850	2,823,662	2,854,968
2,849,996	123: 2,831,472	2,827,892	16: 2,830,573	2,823,662	2,855,920
2,851,022	127: 2,821,972	2,828,730	18: 2,829,632	2,823,662	2,856,453
2,851,023	133: 2,826,183	2,828,731	21: 2,856,914	2,823,663	2,837,082
2,853,984	2,833,262	2,833,264	2,866,448	2,842,117	2,865,366
2,855,913	2,835,988	2,833,265	23: 2,819,710	197: 2,859,744	2,837,083
2,857,894	2,858,820	2,835,242	2,865,363	198: 2,823,664	2,827,041
2,857,895	139: 2,818,848	2,843,103	2,844,138	200: 2,850,005	2,829,638
2,857,896	2,821,183	2,844,135	30: 2,827,038	208: 2,829,635	2,860,627
2,858,818	2,827,030	2,845,917	33: 2,829,633	2,833,271	2,821,190
2,860,615	2,829,630	2,865,360	35: 2,842,115	2,835,245	2,843,112
2,861,557	2,829,631	2,866,447	36: 2,837,079	2,845,924	2,823,666
2,862,485	2,833,263	193: 2,845,918	39: 2,834,333	213: 2,866,450	11: 2,840,070
2,862,486	2,835,239	2,863,439	2,845,922	214: 2,836,171	12: 2,844,142
2,863,427	2,838,037	195: 2,837,075	2,853,066	2,861,563	15: 2,831,480
2,863,428	2,846,990	2,838,038	2,854,966	229: 2,822,801	17: 2,858,826
2,863,429	2,849,997	2,847,986	2,860,623	246: 2,830,576	19: 2,827,042
2,863,430	2,852,014	2,858,824	2,842,116	261: 2,837,081	20: 2,822,802
2,863,431	2,855,914	196: 2,836,164	2,852,016	262: 2,850,006	2,845,925
2,863,432	2,860,619	2,838,039	19: 2,841,132	263: 2,823,665	2,850,008
2,864,351	2,863,437	2,840,068	25: 2,820,446	2,836,172	2,863,444
2,865,351	2,863,438	2,842,112	2,821,187	2,844,141	24: 2,852,019
2,865,352	2,865,355	2,867,903	2,828,733	270: 2,859,745	2,861,564
2,865,353	2,865,356	2,865,361	2,855,918	271: 2,838,043	24.1: 2,837,084
2,865,354	140: 2,821,184	2,865,362	2,860,624	271.2: 2,820,450	2,850,009
2,865,354	2,825,321	197: 2,853,989	2,839,043	2,821,976	2,852,020
2,865,354	2,828,727	198: 2,831,474	2,844,139	2,833,272	24.2: 2,863,445
2,865,354	2,828,728	2,839,042	37: 2,823,657	2,839,047	24.5: 2,820,453
2,865,354	2,831,473	2,854,964	38: 2,857,905	2,864,360	2,830,578
2,865,354	2,835,240	2,857,904	39: 2,861,562	288: 2,854,967	2,820,454
2,865,354	2,836,162	124— 1: 2,827,034	2,845,056	292: 2,846,999	2,829,192
2,865,354	2,836,163	2,846,996	2,847,988	343.5: 2,820,451	2,827,894
2,865,354	2,837,074	2,853,990	2,845,056	2,830,577	2,832,334
2,865,354	2,839,040	4: 2,827,035	2,851,029	2,845,058	2,836,174
2,865,354	2,840,066	7: 2,830,568	2,834,334	345: 2,842,118	2,841,139
2,865,354	2,845,915	2,834,331	2,843,104	350: 2,839,048	2,855,921
2,865,354	2,846,991	2,847,987	2,848,990	2,841,136	2,821,189
2,865,354	2,849,998	11: 2,833,266	2,848,990	2,853,996	2,823,667
2,865,354	2,849,999	2,845,055	42: 2,834,335	362: 2,833,273	2,830,579
2,865,354	2,851,025	2,853,991	44: 2,825,325	2,834,337	2,830,580
2,865,354	2,858,821	2,856,911	58: 2,843,105	2,852,018	2,834,339
2,865,354	2,858,822	13: 2,834,332	59.5: 2,843,106	369.3: 2,838,044	2,845,061
2,865,354	2,865,347	2,837,076	77: 2,864,358	385: 2,866,451	2,847,001
2,865,354	2,865,357	2,861,560	85: 2,830,574	386: 2,845,059	2,850,010
2,865,354	142.5: 2,858,823	14: 2,831,475	2,855,919	390: 2,841,137	2,863,446
2,865,354	145: 2,840,067	16: 2,837,077	2,863,442	127— 7: 2,819,190	30: 2,818,853
2,865,354	146.5: 2,833,841	19: 2,825,322	2,839,045	2,828,230	2,822,803
2,865,354	2,857,899	20: 2,820,444	2,852,017	2,836,519	2,825,327
2,865,354	148: 2,821,185	21: 2,860,620	2,822,798	2,857,907	2,827,043
2,865,354	2,821,185	22: 2,818,849	2,823,658	30: 2,854,359	2,832,335
2,865,354	2,821,186	2,840,622	2,823,659	31: 2,856,318	2,833,275
2,865,354	2,821,187	2,840,623	2,843,107	32: 2,845,367	2,841,140
2,865,354	2,821,188	2,841,629	2,866,449	36: 2,835,610	2,845,062
2,865,354	2,821,189	2,843,645	2,836,165	37: 2,835,611	2,853,998
2,865,354	2,821,190	2,843,646	2,836,166	2,851,382	2,863,447
2,865,354	2,821,191	2,847,499	2,844,136	38: 2,822,303	32: 2,845,063
2,865,354	2,821,192	2,852,588	2,854,965	2,845,368	33: Re.24,487
2,865,354	2,821,193	2,852,589	2,842,113	41: 2,834,694	2,819,712
2,865,354	2,821,194	2,852,590	2,842,114	44: 2,829,985	2,819,713
2,865,354	2,821,195	2,866,839	2,820,445	46: 2,829,986	2,821,191
2,865,354	149: 2,847,490	2,825,324	2,836,167	2,845,369	2,822,804
2,865,354	2,847,491	2,837,078	2,837,078	50: 2,824,028	2,827,044
2,865,354	2,847,492	2,856,912	2,841,134	55: 2,818,851	2,833,276
2,865,354	169: 2,850,000	2,828,732	2,822,800	2,822,304	2,840,071
2,865,354	179: 2,822,795	2,830,569	2,830,575	70: 2,850,410	2,843,113
2,865,354	2,835,241	32: 2,855,916	2,836,169	71: 2,822,305	2,852,021
2,865,354	2,843,101	35: 2,819,707	2,838,042	2,829,987	2,856,916
2,865,354	2,845,054	47: 2,827,036	2,839,046	2,829,988	2,860,628
2,865,354	2,846,992	52: 2,830,570	2,843,108	2,829,989	2,833,277
2,865,354	2,846,993	5: 2,851,028	2,853,995	2,829,990	35: 2,833,277
2,865,354	2,846,994	7: 2,856,913	2,856,915	2,843,111	38: 2,828,193
2,865,354	2,846,995	11: 2,819,708	2,857,906	2,853,997	2,832,336
2,865,354	2,847,984	2,821,974	2,864,359	128— 1: 2,820,452	55: 2,826,181
2,865,354	2,847,985	2,822,797	2,865,364	1.2: 2,829,636	57: 2,819,714
2,865,354	2,848,987	2,824,556	113: 2,820,448	2: 2,818,852	2,819,715
2,865,354	2,848,988	2,826,188	2,820,449	2,827,039	2,840,072
2,865,354	2,850,001	2,827,037	2,831,477	2,831,478	2,841,141
2,865,354	2,851,026	2,827,037	2,845,057	2,832,333	2,860,629
2,865,354	2,859,741	2,830,571	2,847,989	2,834,338	60: 2,836,175
2,865,354	2,860,616	2,830,572	2,858,825	2,834,336	62: 2,827,045
2,865,354	2,860,617	2,832,329	2,834,336	2,834,336	63: 2,860,630
					64: 2,856,918
					65: 2,854,969

128—	65: 2,854,970	128—	142: 2,834,343	128—	214: 2,852,024	128—	263: 2,832,342	128—	325: 2,829,649	129—	8: 2,836,182
	66: 2,839,052		2,835,251		2,853,069		271: 2,832,343		2,847,997		11: 2,855,935
	67: 2,827,895		2,839,053		2,854,002		2,856,928		2,849,001		12: 2,818,867
	68: 2,829,639		2,839,054		2,863,451		2,863,454		2,849,002		13: 2,832,349
	69: 2,818,854		2,843,119		2,865,371		2,818,864	327: 2,839,062			15: 2,862,505
	2,854,971		2,844,145		2,866,457		2,838,046		2,841,149	16: 2,822,510	
70: 2,827,046			2,850,011	215: 2,836,180		2,853,071	2,853,071		2,847,014		2,825,341
71: 2,822,805			2,854,001	2,815,065		2,854,977	2,855,933		2,861,574		2,826,203
	2,861,565		2,854,972	2,857,912		2,856,929	2,856,930	334: 2,818,865			2,832,500
	2,865,367		2,855,923	216: 2,844,143		2,856,929	2,861,570		2,818,866		2,840,083
75: 2,827,896			2,858,829	217: 2,850,013		2,856,930	2,841,147	339: 2,841,150			2,843,131
2,828,735			2,860,631	218: 2,821,195		2,861,570	2,822,808		2,836,181		2,852,027
2,828,736			2,861,569		2,823,674	275: 2,841,147	2,832,344		2,841,150		2,852,028
2,830,581			2,864,361		2,823,675	276: 2,822,808	2,827,052		2,865,375		2,853,078
2,837,085			2,865,368		2,825,334		2,827,052	340: 2,833,284		16.1: 2,827,054	
2,843,114			2,865,369		2,826,195		2,845,929	341: 2,827,054			2,834,353
2,851,031		143: 2,830,584			2,828,742	283: 2,821,196	2,837,094	345: 2,842,133		16.7: 2,822,809	
2,852,328		2,860,632			2,828,743		2,837,094	348: 2,822,809			2,855,936
2,842,119		144: 2,843,120			2,829,643		2,837,094		2,845,930		2,854,982
2,843,115		2,857,910			2,830,586		2,837,094	349: 2,854,983			2,855,934
2,863,448		146: 2,818,859			2,831,483		2,837,094		2,854,983		2,856,934
76.5: 2,821,977		2,823,671			2,832,339		2,837,094		2,857,915		2,860,642
2,831,481		2,837,090			2,832,340		2,837,094		2,862,497		2,860,643
2,837,086		2,843,121			2,833,280	284: 2,826,199	2,837,094		2,862,497		2,862,497
2,837,087		2,843,122			2,834,346		2,837,094		2,862,497		2,862,497
2,840,073		2,845,926			2,837,092		2,837,094		2,862,497		2,862,497
78: 2,828,737		2,845,927			2,837,093		2,837,094		2,862,497		2,862,497
2,835,247		2,848,994			2,840,075		2,837,094		2,862,497		2,862,497
2,843,116		2,855,924			2,841,144		2,837,094		2,862,497		2,862,497
2,845,064		2,859,747			2,841,145		2,837,094		2,862,497		2,862,497
2,858,827		2,859,748			2,842,125		2,837,094		2,862,497		2,862,497
79: 2,818,855		147: 2,857,911			2,842,126		2,837,094		2,862,497		2,862,497
80: 2,827,897		149: 2,854,973			2,842,127		2,837,094		2,862,497		2,862,497
2,835,248		152: 2,824,558			2,842,128		2,837,094		2,862,497		2,862,497
2,847,991		2,850,012			2,844,148		2,837,094		2,862,497		2,862,497
84: 2,821,978		153: 2,827,049			2,845,066		2,837,094		2,862,497		2,862,497
2,831,482		2,827,050			2,845,067		2,837,094		2,862,497		2,862,497
2,832,337		2,847,004			2,847,996		2,837,094		2,862,497		2,862,497
2,834,340		2,854,974			2,851,036		2,837,094		2,862,497		2,862,497
2,844,143		155: 2,836,178			2,853,070		2,837,094		2,862,497		2,862,497
2,853,999		156: 2,823,672			2,854,975		2,837,094		2,862,497		2,862,497
2,854,000		2,823,673			2,855,927		2,837,094		2,862,497		2,862,497
86: 2,829,640		2,838,045			2,855,928		2,837,094		2,862,497		2,862,497
87: 2,829,455		2,858,830			2,856,923		2,837,094		2,862,497		2,862,497
2,823,668		2,864,362			2,856,924		2,837,094		2,862,497		2,862,497
2,834,341		157: 2,824,559			2,856,925		2,837,094		2,862,497		2,862,497
2,859,746		2,844,146			2,859,749		2,837,094		2,862,497		2,862,497
2,863,449		2,847,005			2,859,750		2,837,094		2,862,497		2,862,497
90: 2,847,992		2,851,034			2,860,635		2,837,094		2,862,497		2,862,497
2,853,067		2,856,921			2,861,571		2,837,094		2,862,497		2,862,497
2,856,919		159: 2,822,807			2,862,494		2,837,094		2,862,497		2,862,497
91: 2,822,806		2,824,560			2,863,452		2,837,094		2,862,497		2,862,497
2,837,088		2,827,051			2,865,372		2,837,094		2,862,497		2,862,497
2,842,120		165: 2,829,641			2,866,458		2,837,094		2,862,497		2,862,497
2,842,121		166: 2,830,585			2,867,913		2,837,094		2,862,497		2,862,497
2,842,122		171: 2,820,456			2,868,456		2,837,094		2,862,497		2,862,497
2,842,123		172.1: 2,834,344			2,869,749		2,837,094		2,862,497		2,862,497
2,845,932		173: Re.24,419			2,870,751		2,837,094		2,862,497		2,862,497
2,852,979		2,821,193			2,871,752		2,837,094		2,862,497		2,862,497
2,853,929		2,821,981			2,872,753		2,837,094		2,862,497		2,862,497
94: 2,847,002		2,825,332			2,873,754		2,837,094		2,862,497		2,862,497
98: 2,825,330		2,826,194			2,874,755		2,837,094		2,862,497		2,862,497
99: 2,841,117		2,865,370			2,875,756		2,837,094		2,862,497		2,862,497
100: 2,861,566		186: 2,819,716			2,876,757		2,837,094		2,862,497		2,862,497
106: 2,836,176		188: 2,839,055			2,877,758		2,837,094		2,862,497		2,862,497
2,837,089		2,840,074			2,878,759		2,837,094		2,862,497		2,862,497
111: 2,827,047		2,841,142			2,879,760		2,837,094		2,862,497		2,862,497
117: 2,825,331		2,860,633			2,880,761		2,837,094		2,862,497		2,862,497
127: 2,818,856		2,866,455			2,881,762		2,837,094		2,862,497		2,862,497
2,823,669		191: 2,818,860			2,882,763		2,837,094		2,862,497		2,862,497
2,830,582		2,845,928			2,883,764		2,837,094		2,862,497		2,862,497
2,836,177		2,847,006			2,884,765		2,837,094		2,862,497		2,862,497
2,851,032		2,847,993			2,885,766		2,837,094		2,862,497		2,862,497
130: 2,856,920		2,852,022			2,886,767		2,837,094		2,862,497		2,862,497
131: 2,844,144		2,829,642			2,887,768		2,837,094		2,862,497		2,862,497
132: 2,866,454		2,860,638			2,888,769		2,837,094		2,862,497		2,862,497
133: 2,843,118		2,852,023			2,889,770		2,837,094		2,862,497		2,862,497
134: 2,827,048		2,855,926			2,890,771		2,837,094		2,862,497		2,862,497
2,827,898		2,856,922			2,891,772		2,837,094		2,862,497		2,862,497
2,828,738		2,864,363			2,892,773		2,837,094		2,862,497		2,862,497
2,835,249		2,866,456			2,893,774		2,837,094		2,862,497		2,862,497
2,848,993		205: 2,818,861			2,894,775		2,837,094		2,862,497		2,862,497
2,851,033		206: 2,860,634			2,895,776		2,837,094		2,862,497		2,862,497
2,853,068		214: 2,821,194			2,896,777		2,837,094		2,862,497		2,862,497
2,863,450		2,825,333			2,897,778		2,837,094		2,862,497		2,862,497
136: 2,827,899		2,827,001			2,898,779		2,837,094		2,862,497		2,862,497
2,833,278		2,832,338			2,899,780		2,837,094		2,862,497		2,862,497
2,847,003		2,833,279			2,900,781		2,837,094		2,862,497		2,862,497
2,857,909		2,834,345			2,901,782		2,837,094		2,862,497		2,862,497
141: Re.24,549		2,835,252			2,902,783		2,837,094		2,862,497		2,862,497
2,818,857		2,836,179			2,903,784		2,837,094		2,862,497		2,862,497
2,821,152		2,837,091			2,904,785		2,837,094		2,862,497		2,862,497
2,827,900		2,838,056			2,905,786		2,837,094		2,862,497		2,862,497
2,835,250		2,839,057			2,906,787		2,837,094		2,862,497		2,862,497
2,838,828		2,840,058			2,907,788		2,837,094		2,862,497		2,862,497
2,861,567		2,841,159			2,908,789		2,837,094		2,862,497		2,862,497
2,861,568		2,842,120			2,909,790		2,837,094		2,862,497		2,862,497
2,818,858		2,843,121			2,910,791		2,837,094		2,862,497		2,862,497
142: 2,821,980		2,844,147			2,911,792		2,837,094		2,862,497		2,862,497
2,823,670		2,847,007			2,912,793		2,837,094		2,862,497		2,862,497
2,824,557		2,847,008			2,913,794		2,837,094		2,862,497		2,862,497
2,828,739		2,847,994			2,914,795		2,837,094		2,862,497		2,862,497
2,828,740		2,847,995			2,915,796		2,837,094		2,862,497		2,862,497
2,828,741											

131—	171: 2,830,597 173: 2,825,342 174: 2,823,679 175: 2,827,059 2,850,020 176: 2,835,257 182: 2,836,184 2,845,075 184: 2,862,506 187: 2,849,006 194: 2,830,598 2,864,382 198: 2,821,987 2,823,680 2,827,905 2,838,052 207: 2,843,133 2,848,000 208: 2,828,752 2,834,354 2,866,465 215: 2,850,021 216: 2,834,355 235: 2,843,134 2,861,577 2,865,379 237: 2,820,464 2,827,906 2,851,039 2,854,011 240: 2,844,153 246: 2,845,076 2,858,833 254: 2,832,354 255: 2,843,135 2,854,986 256: 2,830,598 257: 2,825,343 2,826,206 258: 2,866,466 132—	132—	73.6: 2,861,578 74.5: 2,841,157 76.4: 2,838,057 79: 2,825,345 2,830,601 2,830,602 2,848,002 80: 2,818,872 2,827,908 82: 2,851,041 2,866,467 83: 2,823,681 86: 2,829,655 88.5: 2,840,088 2,842,142 88.7: 2,834,356 91: 2,828,754 92: 2,837,098 2,853,082 93: 2,821,202 2,856,938 2,856,939 109: 2,834,357 110: 2,837,099 112: 2,833,293 115: 2,857,919 116: 2,819,723 2,849,009 122: 2,829,656 136: 2,833,294 143: 2,841,158 2,866,468 145: 2,859,754 149: 2,821,203 150: 2,854,987 133—	133—	1: 2,863,464 2: 2,825,346 2,848,003 2,864,385 3: 2,825,347 2,848,004 2,861,579 4: 2,848,005 2,857,920 5: 2,832,359 6: 2,834,358 2,850,024 2,853,083 8: 2,835,260 2,861,580 2,864,386 2,866,469 134—	134—	99: 2,859,755 102: 2,839,068 104: 2,830,604 2,863,465 105: 2,825,349 108: 2,856,940 111: 2,845,077 2,860,466 116: 2,854,012 121: 2,837,100 123: 2,820,468 132: 2,827,062 133: 2,818,874 2,830,605 2,848,006 2,857,922 135: 2,822,814 138: 2,831,488 141: 2,828,208 2,857,923 144: 2,821,988 151: 2,840,090 157: 2,844,155 161: 2,853,085 167: 2,858,836 168: 2,820,467 170: 2,826,209 171: 2,827,063 172: 2,827,064 177: 2,850,029 179: 2,852,030 182: 2,833,295 2,854,013 183: 2,862,511 186: 2,825,350 195: 2,829,658 135—	135—	1: 2,819,724 2,823,683 2,825,351 2,827,065 2,828,755 2,830,606 2,837,101 2,842,145 2,849,010 2,849,011 2,850,026 2,854,014 2,854,988 2,856,941 2,857,924 2,864,388 2,865,385 2,865,386 2: 2,864,389 3: 2,818,875 2,828,756 2,835,262 2,847,017 2,854,015 4: 2,826,210 2,828,757 2,831,489 2,839,069 2,841,159 2,848,007 2,850,027 2,856,942 2,858,837 2,864,390 2,865,387 5: 2,820,468 2,825,352 2,828,758 2,829,659 2,832,360 2,836,187 2,840,091 2,840,092 2,844,156 2,845,078 2,847,018 2,849,012 2,851,045 2,842,143 2,845,934 2,859,756 5.1: 2,840,093 6: 2,821,204 2,821,989 2,823,684 2,829,660 2,833,296 2,847,019 2,864,391 7.1: 2,832,361 2,832,362 2,853,087 2,853,088 8: 2,829,661 20: Re.24,477 2,819,725 2,827,066 2,827,909 2,862,038	136—	20: 2,863,467 2,863,468 25: 2,833,297 26: 2,850,028 29: 2,860,647 35: 2,841,160 39: 2,822,815 47: 2,836,188 48: 2,838,058 49: 2,856,943 64: 2,857,925 136—	136—	4: 2,820,839 2,820,840 2,821,564 2,826,225 2,829,185 2,833,843 2,833,844 2,835,718 2,836,639 2,836,640 2,838,589 2,839,593 2,839,594 2,843,646 2,843,648 2,844,637 2,844,638 2,844,639 2,849,518 2,857,446 2,858,350 2,858,351 2,859,263 2,864,878 2,864,879 5: 2,846,493 2,846,494 2,859,264 2,861,114 6: 2,842,607 2,851,509 2,863,933 9: 2,833,845 2,833,846 15: 2,841,630 16: 2,828,349 19: 2,820,077 2,820,078 2,845,469 20: 2,830,108 2,836,641 2,849,519 2,850,555 2,865,973 21: 2,862,985 22: 2,832,813 26: 2,837,589 2,841,631 2,853,536 2,856,446 2,856,447 2,866,840 27: 2,835,719 28: 2,861,115 2,865,975 29: 2,831,044 2,833,847 30: 2,838,590 2,840,624 2,865,974 33: 2,856,448 34: 2,857,447 2,862,986 39: 2,831,910 45: 2,845,470 55: 2,823,244 65: 2,820,079 2,821,565 69: 2,834,825 76: 2,855,451 79: 2,840,625 81: 2,820,080 83: 2,825,748 2,829,186 2,831,045 2,847,493 84: 2,830,109 87: 2,826,626 2,852,591 89: 2,820,841 2,823,245 2,844,640 2,849,520 90: 2,824,164 2,826,627 2,829,187 2,829,188 2,836,642 2,847,494 2,852,692 2,855,452 2,862,038	137—	91: 2,850,556 2,852,593 100: 2,834,826 2,837,590 2,837,591 2,838,591 2,850,
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137—	108:	2,829,665	137—246.16:	2,844,162	137—	433:	2,834,370	137—	517:	2,850,039	137—622.5:	2,848,014	138—	25:	2,829,671
		2,835,265	247.11:	2,834,365			2,843,146			2,853,098		2,862,518			2,844,169
		2,848,009	248:	2,848,011		434:	2,847,026		521:	2,838,065		2,864,402			2,847,034
		2,852,033		2,864,397			2,853,093		522:	2,831,500	623:	2,821,997		26:	2,838,072
		2,855,945	251:	2,820,471		436:	2,831,497		525:	2,818,880		2,824,574			2,840,111
		2,858,842		2,834,366		437:	2,827,917			2,833,306		2,861,592			2,851,058
		2,861,584		2,849,018		443:	2,827,727		525.1:	2,822,819		2,865,400			2,864,403
110:		2,835,267		2,856,951		444:	2,819,727		525.3:	2,845,090		2,818,881		30:	2,828,769
		2,845,140	254:	2,827,071		454.2:	2,858,838		526:	2,837,112	624:	2,822,821			2,828,770
111:		2,865,389	257:	2,862,516		454.6:	2,822,818		527:	2,827,921		2,843,149			2,828,771
112:		2,832,367	266:	2,850,036			2,826,214		527.2:	2,853,099		2,844,167			2,833,510
114:		2,825,355	267:	2,837,109			2,826,215		527.8:	2,859,772		2,845,947			2,838,073
115:		2,826,212		2,851,052			2,840,102			2,864,401		2,852,040			2,841,180
		2,828,760	268:	2,859,766			2,844,164		528:	2,832,372		2,861,593			2,841,181
		2,838,060	269:	2,855,947			2,845,085			2,856,957	625.11:	2,821,998			2,845,951
		2,843,141	270:	2,842,154			2,856,952		529:	2,819,729		2,827,924			2,847,035
		2,844,160	271:	2,834,368		455:	2,831,498		533.21:	2,827,922		2,834,376			2,851,059
		2,861,585	301:	2,855,948		458:	2,834,371			2,829,669		2,835,273			2,854,028
116.3:		2,824,568	311:	2,836,191		460:	2,821,995		533.27:	2,860,659		2,840,109			2,854,029
		2,826,213	315:	2,835,268		464:	2,824,572			2,860,474		2,852,041			2,861,595
116.5:		2,827,069		2,839,074			2,831,056		536:	2,840,106		2,838,850			2,829,672
		2,831,493		2,852,036		467:	2,835,269		538:	2,865,398	625.17:	2,845,948		31:	2,828,772
		2,831,494		2,859,767			2,840,103		539:	2,840,107		2,854,999		37:	2,841,182
		2,864,395	318:	2,827,913			2,849,021		541:	2,820,475	625.18:	2,836,197			2,862,522
117:		2,862,513		2,839,075			2,852,037			2,834,374		2,858,851		38:	2,819,731
118:		2,821,992		2,840,100			2,853,094		542:	2,856,958	625.19:	2,831,503			2,826,220
		2,832,368	322:	2,830,611			2,856,953		546:	2,849,023	625.21:	2,822,823			2,852,042
		2,844,161		2,854,991			2,856,954		549:	2,857,927	625.25:	2,826,219			2,861,596
		2,845,079	327:	2,837,110		468:	2,820,473		550:	2,854,998	625.26:	2,823,699			2,864,404
		2,845,939		2,841,167			2,854,995		551:	2,857,928	625.27:	2,840,110			2,864,405
		2,854,016		2,864,398		469:	2,839,076		553:	2,830,617	625.29:	2,828,767			2,826,221
119:		2,823,691	329.1:	2,833,301			2,845,945		556:	2,833,307		2,857,929		42:	2,856,962
122:		2,824,569	329.2:	2,845,083			2,860,662		557:	2,841,175	625.32:	2,855,956		43:	2,833,311
		2,860,655	329.4:	2,854,021		477:	2,850,037		560:	2,866,473		2,858,852			2,834,379
132:		2,828,761	330:	2,843,143		478:	2,821,208		561:	2,831,501	625.33:	2,838,068			2,840,112
		2,864,396		2,845,942			2,834,372			2,860,663	625.34:	2,853,101		44:	2,827,925
135:		2,818,877	331:	2,831,496		484.2:	2,830,616			2,860,664	625.37:	2,856,961			2,829,673
144:		2,839,072	332:	2,832,369			2,834,373			2,865,474	625.39:	2,821,999			2,833,312
146:		2,831,993		2,841,168			2,854,996		563:	2,820,476		2,836,198		45:	2,824,534
148:		2,830,608	334:	2,865,394		486:	2,853,095			2,865,399	625.4:	2,839,080			2,829,674
149:		2,854,017	335:	2,840,101			2,864,399		565:	2,840,108	625.41:	2,838,069			2,831,505
154:		2,823,692		2,851,053			2,865,395			2,841,176		2,845,949			2,831,506
		2,838,061	337:	2,823,695		487.5:	2,843,147			2,842,160		2,850,041			2,835,193
		2,842,152		2,830,612		488:	2,836,192		574:	2,828,766		2,854,027			2,847,036
		2,845,950		2,842,155		489:	2,854,024		576:	2,842,161	625.42:	2,820,479			2,850,049
		2,851,050	338:	2,857,926		489.5:	2,860,657		577.5:	2,845,091		2,822,824		46:	2,819,732
155:		2,825,356	340:	2,823,696		490:	2,821,996		589:	2,827,923		2,853,102			2,825,700
		2,837,108		2,845,084		491:	2,827,075		594:	2,859,773		2,860,660			2,830,621
		2,845,940	342:	2,848,012			2,839,077		595:	2,854,026		2,862,519			2,851,060
156:		2,836,190	351:	2,847,023			2,853,096		596.2:	2,849,024	625.43:	2,855,000			2,862,523
170.1:		2,840,098	353:	2,830,613		493:	2,840,105		597:	2,823,697	625.46:	2,833,309		46.5:	2,858,853
171:		2,830,609		2,866,472			2,841,171			2,837,113	625.48:	2,849,025			2,861,406
172:		2,856,949	356:	2,830,614		493.3:	2,865,396			2,847,027	625.5:	2,861,594		47:	2,839,088
		2,858,843	359:	2,818,878		493.6:	2,844,165			2,858,847	625.5:	2,825,363			2,842,163
177:		2,848,010		2,858,846		493.8:	2,827,918		599:	2,821,210		2,841,178		48:	2,823,701
178:		2,829,666		2,861,586		494:	2,861,587			2,822,820	628:	2,829,670			2,824,576
188:		2,865,390	360:	2,834,369		495:	2,833,303			2,830,618		2,866,477			2,849,027
197:		2,823,693		2,861,586			2,833,304		599.1:	2,856,959		2,844,168		49:	2,838,074
		2,823,694	364:	2,827,914			2,864,400			2,858,848	630.13:	2,819,730			2,849,028
		2,823,694	371:	2,828,762			2,864,400		599.2:	2,836,194	630.14:	2,834,377		50:	2,823,702
		2,845,080	375:	2,851,054		498:	2,821,209			2,843,148	630.15:	2,822,000			2,832,374
202:		2,850,033	382:	2,838,062		502:	2,841,172			2,855,953		2,831,504			2,865,403
		2,849,016		2,838,063		503:	2,826,216			2,855,954		2,834,378		51:	2,832,375
		2,855,092		2,838,064		504:	2,828,764			2,855,955		2,839,082		52:	2,823,703
		2,860,656	384.6:	2,845,943			2,832,371			2,863,473		2,839,082		54:	2,837,120
204:		2,845,081		2,825,357			2,845,086		604:	2,820,477	630.16:	2,828,768		55:	2,833,313
		2,859,764	389:	2,828,763			2,845,087			2,853,100		2,851,057			2,843,153
205:		2,843,142	391:	2,832,370			2,859,769			2,866,478	632:	2,832,373			2,866,479
		2,856,950		2,849,019			2,865,397		607:	2,820,478		2,837,118		56:	Re. 24,468
		2,865,391	392:	2,830,615		505.12:	2,861,588			2,861,591		2,847,078			2,825,364
206:		2,865,392		2,863,472		505.13:	2,824,573			2,825,359	633:	2,827,078			2,825,365
209:		2,827,912	395:	2,843,144			2,826,217			2,847,028		2,845,092			2,830,622
		2,845,082		2,854,992			2,827,076		608:	2,825,359		2,847,078			2,837,121
216:		2,840,099	400:	2,841,160			2,835,271			2,826,218	636:	2,846,478			2,848,015
		2,862,514		2,851,055			2,845,946		609:	2,835,272	636.1:	2,822,001			2,854,030
217:		2,852,034	406:	2,854,993			2,850,038			2,841,177	636.2:	2,839,083			2,858,854
218:		2,850,034	407:	2,842,156			2,854,025		614.14:	2,834,375		2,839,084			2,859,775
219:		2,852,035	408:	2,845,944			2,861,589			2,825,360		2,839,085			2,861,598
		2,854,989		2,848,013		505.18:	2,825,358			2,825,361		2,850,042		60:	2,841,183
220:		2,854,990		2,849,020			2,841,173			2,837,114		2,862,520		61:	2,836,200
221:		2,833,299	410:	2,837,111		505.28:	2,855,950			2,837,115	636.3:	2,838,078			2,864,378
223:		2,822,817		2,841,170		505.37:	2,860,658			2,837,116		2,855,958		63:	2,859,776
		2,824,570	412:	2,835,270		505.39:	2,819,728			2,838,067	637.1:	2,865,402		64:	2,822,825
		2,830,610	413:	2,820,472		505.43:	2,855,951			2,852,039		2,835,274			2,850,044
		2,841,166		2,854,022		505.47:	2,827,919			2,858,849		2,843,150			2,857,931
		2,849,017	414:	2,827,072		508:	2,839,078			2,859,7					

138—	92: 2,824,578 93: 2,843,154 2,857,933 94.3: 2,820,482 2,861,599 94.5: 2,845,954 2,864,407 96: 2,824,579 2,826,222 97: 2,829,675 2,837,122 2,851,061 99: 2,843,155 2,850,045	139—	309: 2,823,707 313: 2,834,380 319: 2,845,096 336: 2,829,679 2,839,092 353: 2,845,958 368: 2,834,381 369: 2,858,857 370: 2,819,737 2,841,186 374: 2,847,038 379: 2,823,708 2,832,376 383: 2,826,225 2,829,680 2,840,117 384: 2,847,039 2,860,668 385.5: 2,844,170 2,861,600 387: 2,845,959 402: 2,845,960 2,860,669 403: Re.24,539 2,841,187 2,849,030 404: 2,822,829 406: 2,834,807 2,845,961 408: 2,864,409 2,865,408 410: 2,848,018 411: 2,854,032 412: 2,866,483 420: 2,828,776 2,845,962 2,855,005 421: 2,835,279 426: 2,865,409 2,835,280 3: 2,835,281 2,845,997 2,858,858 24: 2,841,188 71: 2,828,777 2,836,203 2,842,166 2,843,159 2,844,171 2,849,031 2,854,033 71.5: 2,820,486 2,820,487 2,825,368 2,831,508 2,837,126 2,845,098 2,853,104 2,856,968 71.6: 2,838,075 2,841,189 2,849,032 2,820,488 78: 2,836,204 92.1: 2,861,601 2,824,582 92.2: 2,830,634 2,861,632 2,828,778 92.3: 2,843,160 2,828,779 92.7: 2,840,118 92.8: 2,854,034 2,832,377 93: 2,854,035 93.4: 2,862,527 2,834,382 93.6: 2,836,205 101: 2,856,969 102: 2,824,583 104: 2,830,625 105: 2,835,282 109: 2,818,887 2,844,172 111: 2,827,926 122: 2,856,970 123: 2,828,780 149: 2,829,681 2,855,003 2,854,036 2,860,670 1: 2,818,888 2,819,738 2,838,076 3: 2,857,935 6: 2,824,584 7: 2,820,489 2,855,036 12: 2,837,127 2,857,936 17: 2,822,002 20: 2,841,190 2,857,937 21: 2,840,119	141—	24: 2,829,682 2,837,128 2,845,963 32: 2,840,120 39: 2,862,528 51: 2,839,093 2,847,040 53: 2,831,509 59: 2,822,830 2,831,510 64: 2,850,046 65: 2,827,080 67: 2,854,038 2,862,529 70: 2,854,039 71: 2,857,938 73: 2,834,383 74: 2,855,007 77: 2,863,475 80: 2,850,047 82: 2,819,739 2,828,781 2,838,077 2,852,043 2,858,859 83: 2,827,927 2,851,063 2,866,484 84: 2,839,094 89: 2,865,410 90: 2,850,048 91: 2,845,099 2,847,041 92: 2,865,411 94: 2,827,081 2,847,042 2,861,603 95: 2,850,049 98: 2,851,064 100: 2,848,019 2,862,530 104: 2,845,964 119: 2,864,410 126: 2,850,050 134: 2,827,928 144: 2,852,044 148: 2,849,033 149: 2,839,095 154: 2,827,082 155: 2,830,626 160: 2,850,051 164: 2,840,121 174: 2,824,585 2,830,627 2,835,284 197: 2,837,129 207: 2,840,122 2,745,905 208: 2,818,889 209: 2,821,212 2,822,831 2,827,929 2,841,191 2,851,005 216: 2,828,782 225: 2,818,890 231: 2,850,052 238: 2,820,490 250: 2,857,939 270: 2,833,317 2,849,034 285: 2,840,123 2,853,105 2,861,604 287: 2,832,378 290: 2,813,161 292: 2,827,930 305: 2,847,043 314: 2,852,045 316: 2,819,740 317: 2,862,531 321: 2,833,318 331: 2,827,931 346: 2,836,207 2,843,162 2,855,961 353: 2,861,605 360: 2,822,832 2,849,035 2,857,940 364: 2,833,319 366: 2,843,163 370: 2,851,096 2,856,971 372: 2,827,083 381: 2,820,491 2,840,124 2,842,167 2,855,036 388: 2,818,891 392: 2,849,036 2,819,741 7: 2,828,783 2,854,040 48: 2,845,966	142—	56: 2,848,020 143—	6: 2,818,892 2,822,833 2,822,834 2,823,709 2,835,285 17: 2,830,628 2,850,053 22: 2,864,411 25: 2,856,972 26: 2,822,003 2,827,084 2,855,962 27: 2,825,369 30: 2,865,412 32: 2,821,213 2,827,932 2,831,511 2,839,096 2,839,097 2,843,164 2,845,967 2,851,067 2,852,046 2,860,671 35: 2,852,047 36: 2,844,173 2,850,054 37: 2,827,933 38: 2,856,973 43: 2,819,742 2,839,098 2,841,192 2,843,165 2,855,008 46: 2,823,710 2,842,168 47: 2,833,320 2,839,099 48: 2,819,743 49: 2,829,683 2,842,169 2,864,412 51: 2,839,100 53: 2,855,009 60: 2,822,004 2,845,100 2,856,974 2,862,532 2,864,413 68: 2,822,005 2,839,101 2,840,125 2,842,170 2,866,485 72: 2,842,171 82: 2,842,172 85: 2,841,193 93: 2,832,379 98: 2,857,941 108: 2,822,006 120: 2,861,606 124: 2,822,835 2,831,512 125: 2,821,214 132: 2,821,215 2,822,836 2,850,055 2,851,008 2,829,684 2,865,414 2,835,286 2,849,037 2,850,056 2,826,226 135: 2,832,380 2,850,057 2,852,048 2,854,041 2,857,942 2,862,533 155: 2,854,042 156: 2,820,492 157: 2,824,586 2,839,102 2,854,043 158: 2,851,069 159: 2,823,711 2,827,085 2,825,784 2,835,287 2,835,288 2,839,103 2,861,607 167: 2,848,021 169: 2,857,943 171: 2,847,044 174: 2,838,078 2,850,058 176: 2,852,049 1: 2,821,216 2,835,289 2,857,944 2: 2,820,493 2,825,370 3: 2,823,712	144—	3: 2,828,785 27: 2,839,104 30: 2,850,059 2,818,893 2,818,894 2,820,494 2,829,685 2,832,381 2,833,321 2,840,126 2,843,166 2,845,968 34: 2,821,217 2,832,382 2,845,101 41: 2,825,371 65: 2,831,513 76: 2,843,167 78: 2,821,218 92: 2,825,372 2,852,050 105: 2,838,079 107: 2,835,290 110: 2,864,416 114: 2,828,786 117: 2,830,629 2,834,384 2,837,130 2,851,070 118: 2,818,895 130: 2,859,780 134: 2,822,007 2,841,194 2,855,963 2,856,975 136: 2,823,713 2,829,686 2,831,514 2,842,173 2,850,060 2,852,051 2,864,414 2,865,413 143: 2,833,322 144: 2,851,071 145: 2,821,219 162: 2,847,045 172: 2,825,373 2,840,127 2,849,038 2,863,476 176: 2,827,934 185: 2,842,174 193: 2,851,072 194: 2,839,105 205: 2,818,896 2,861,608 2,822,837 2,829,687 2,830,630 2,831,515 2,839,106 2,841,195 2,843,168 2,848,022 2,855,011 2,857,945 2,860,672 2,865,414 218: 2,828,787 2,839,107 2,822,008 2,839,108 221: 2,822,838 230: 2,822,839 2,836,206 235: 2,845,102 241: 2,840,128 242: 2,838,080 246: 2,834,385 2,848,023 249: 2,821,220 253: 2,819,744 2,832,383 265: 2,860,673 2,860,674 2,821,221 2,822,840 2,844,174 281: 2,830,631 2,858,860 286: 2,854,044 288: 2,822,841 2,845,969 2,850,061 289: 2,836,208 293: 2,829,688 2,838,081 294: 2,830,632 300: 2,820,495 302: 2,835,291 303: 2,841,196	144—	305: 2,855,964 2,863,477 2,823,714 2,827,935 2,835,292 2,847,046 2,859,781 145—	1: 2,832,384 5: 2,839,109 25: 2,844,175 29: 2,833,323 30: 2,821,222 2,864,417 31: 2,849,039 31: 2,849,040 35: 2,836,209 2,853,106 46: 2,839,110 2,845,103 50: 2,825,374 2,832,385 2,836,210 2,838,082 2,848,024 2,859,782 2,860,675 2,864,418 61: 2,849,041 111: 2,827,086 125: 2,832,386 126: 2,835,293 146—	1: 2,825,375 2,839,111 2,822,009 2,823,715 2,827,936 3: 2,844,176 2,848,025 2,848,026 2,853,107 2,838,861 4: 2,823,716 2,863,478 7: 2,856,976 2,862,534 8: 2,848,027 11: 2,865,415 12: 2,830,633 16: 2,827,087 27: 2,821,223 2,821,224 2,821,225 2,821,226 2,821,227 2,826,228 2,827,088 2,847,047 2,859,783 40: 2,820,496 43: 2,860,676 2,862,535 2,866,486 47: 2,822,842 48: 2,831,516 2,839,112 49: 2,831,517 2,866,487 50: 2,838,083 51: 2,827,937 52: 2,822,843 2,831,518 2,835,294 55: 2,819,745 2,835,295 67: 2,851,073 68: 2,843,169 72: 2,822,010 2,840,129 2,858,863 2,863,479 73: 2,823,717 2,827,089 2,853,108 2,840,130 76: 2,845,971 2,864,419 2,818,898 2,826,229 2,827,090 2,827,938 2,832,387 2,843,186 2,829,113 2,849,042 2,850,062 2,853,109 2,858,864 2,859,784 2,863,480 79: 2,834,387 81: 2,818,899
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146— 81: 2,837,131 2,858,865 2,858,866 88: 2,827,091 2,831,519 2,835,296 2,852,052 91: 2,847,048 93: 2,856,977 94: 2,834,388 95: 2,825,376 2,832,388 2,845,970 98: 2,828,788 101: 2,822,844 102: 2,822,011 2,823,718 2,827,092 2,840,131 2,848,028 2,851,074 2,859,785 106: 2,835,297 2,836,211 2,849,043 2,854,045 2,864,420 2,864,421 107: 2,848,029 2,857,946 108: 2,845,972 114: 2,861,610 117: 2,829,689 2,829,690 2,829,691 2,830,634 2,835,298 2,854,046 2,860,677 2,860,678 2,862,536 2,863,481 2,865,416 118: 2,819,746 119: 2,819,747 2,829,692 2,835,299 2,848,030 121: 2,829,693 2,829,694 2,829,695 123: 2,842,175 2,854,047 124: 2,861,611 139: 2,855,965 146: 2,822,845 150: 2,824,587 160: 2,824,588 2,836,212 164: 2,858,867 167: 2,844,177 169: 2,852,053 181: 2,865,417 182: 2,821,228 2,841,197 2,853,110 189: 2,861,612 192: 2,822,846 2,825,377 2,842,176 2,842,177 215: 2,836,213 235: 2,847,334 238: 2,863,482 242: 2,838,084	148— 1.5: 2,840,494 2,810,495 2,840,496 2,840,497 2,841,509 2,841,510 2,842,466 2,843,511 2,845,370 2,845,371 2,845,372 2,845,373 2,845,374 2,845,375 2,846,340 2,847,335 2,847,336 2,849,341 2,849,342 2,849,343 2,850,412 2,850,413 2,852,420 2,854,362 2,854,363 2,854,364 2,854,365 2,854,366 2,855,334 2,856,320 2,857,296 2,859,140 2,859,141 2,859,142 2,861,017 2,861,018 2,861,905 2,862,840 2,864,729 1.6: 2,829,994 2,836,524 2,842,467 2,842,468 2,842,469 2,850,414 2,855,335 2: 2,841,511 2,859,143 3: 2,834,698 2,855,336 2,863,790 4: 2,824,818 2,827,405 2,827,405 2,843,512 2,858,243 2,866,727 6: 2,857,297 2,862,841 2,862,842 6.11: 2,823,150 2,833,679 2,838,430 2,864,731 6.14: 2,819,192 2,826,516 2,832,705 2,835,616 2,836,525 2,839,437 2,846,341 2,849,344 2,850,415 2,850,416 2,850,417 2,852,421 2,854,367 2,863,791 2,863,792 6.15: 2,820,731 2,826,517 2,832,706 2,832,707 2,835,617 2,837,449 2,839,438 2,839,439 2,840,498 2,845,376 2,850,418 2,854,368 2,854,369 2,854,370 2,856,321 2,856,322 2,859,145 2,859,146 2,863,793 2,864,732 2,866,728 6.16: 2,819,193 2,832,708 2,835,618 2,846,342	148— 6.16: 2,859,147 6.17: 2,857,298 2,861,907 6.2: 2,832,704 2,843,513 2,851,385 2,851,386 2,853,406 2,858,244 2,858,245 2,859,144 2,861,906 2,864,730 6.21: 2,824,031 2,844,496 2,850,419 2,854,371 2,861,019 6.24: 2,829,995 2,836,526 2,844,497 2,846,343 6.27: 2,859,148 6.3: 2,824,819 2,825,668 2,837,451 2,842,470 6.35: 2,853,407 2,855,337 9.5: 2,838,431 9.6: 2,827,406 10: 2,836,527 2,853,408 10.5: 2,831,788 2,844,498 2,845,377 11.5: 2,830,921 2,841,512 2,848,360 12: 2,853,409 2,842,471 2,848,361 2,851,384 12.3: 2,859,149 12.4: 2,852,422 2,857,299 2,860,077 12.7: 2,865,796 13: 2,832,709 2,843,514 2,860,078 2,890,079 13.1: 2,819,991 2,829,076 2,832,710 2,834,699 2,844,499 2,848,362 2,860,080 2,861,020 2,865,797 15: 2,857,200 2,819,992 2,846,344 2,846,345 16.5: 2,821,494 2,827,407 16.6: 2,851,387 18: 2,857,301 21.5: 2,824,820 2,829,996 2,832,711 2,861,609 21.55: 2,825,969 2,831,789 2,844,500 2,862,843 21.56: 2,829,997 2,848,363 21.7: 2,835,619 2,847,337 21.9: 2,819,194 2,834,700 21.91: 2,821,495 2,837,450 23: 2,820,732 2,827,408 2,829,077 2,829,998 2,831,790 2,840,499 2,841,513 2,847,338 24: 2,829,078 2,862,844 2,864,733 25: 2,838,433 26: Re.24.418 2,827,409 2,829,079 2,865,798 29: 2,866,729 31: 2,853,410 2,861,908	148— 31.5: 2,823,151 32: 2,821,496 2,826,518 2,826,519 33: 2,822,310 2,829,999 2,834,701 2,838,434 2,843,515 2,843,516 2,846,346 2,858,246 2,861,909 103: 2,825,670 2,837,452 104: 2,864,734 111: 2,826,520 121: 2,830,922 122: 2,828,233 150— .5: 2,820,497 2,824,589 2,828,789 2,833,324 2,842,178 2,844,178 2,845,104 2,851,075 2,852,054 2,854,048 2,855,966 2,857,947 2,859,786 2,866,488 1: 2,818,900 2,827,939 2,832,389 2,854,049 2,854,050 2,865,418 2,865,419 2,866,489 1.5: 2,820,498 2,853,111 2,855,967 2,858,868 2,860,679 2,861,613 2,861,614 2,863,483 2,866,490 1.6: 2,822,847 2,823,719 2,858,869 2,859,787 2.1: 2,841,198 2,855,968 2,865,420 3: 2,823,720 2,823,721 2,848,031 7: 2,842,179 8: 2,819,748 10: 2,822,012 2,823,723 12: 2,821,229 2,861,615 28: 2,837,132 2,844,179 2,845,105 2,845,973 2,845,974 2,851,076 2,852,055 2,855,969 29: 2,861,616 30: 2,827,093 34: 2,819,749 2,822,013 2,843,170 35: 2,854,051 2,855,012 2,857,948 2,858,870 2,860,680 2,863,484 2,863,485 2,863,486 37: 2,827,094 2,864,422 38: 2,824,590 2,824,591 2,825,378 2,835,300 39: 2,828,790 2,839,114 2,845,975 40: 2,849,044 2,859,788 2,859,789 47: 2,834,389 48: 2,848,032 2,865,421 52: 2,821,230	150— 52: 2,822,848 2,826,230 2,827,095 2,827,096 2,835,301 2,838,085 2,845,976 2,850,063 2,851,078 2,857,949 2,860,681 2,863,487 54: 2,822,849 2,849,045 151— 3: 2,855,013 5: 2,832,390 7: 2,832,391 2,850,064 2,851,079 2,852,056 9: 2,853,112 11: 2,834,390 14: 2,830,635 2,833,325 19: 2,839,115 2,845,106 22: 2,842,180 23: 2,855,970 29: 2,845,977 35: 2,842,181 37: 2,833,326 41.7: Re.24.567 2,820,499 2,822,850 2,826,231 2,857,950 2,859,790 41.72: 2,862,537 41.73: 2,818,901 2,822,014 2,827,097 2,849,046 2,861,617 41.75: 2,825,379 2,836,214 2,836,215 2,836,216 2,853,113 2,861,618 41.76: 2,825,380 69: 2,829,696 2,831,520 2,853,114 152— 9: 2,824,592 2,843,171 10: 2,856,978 2,862,538 31: 2,839,116 41: 2,850,065 49: 2,830,636 2,830,637 158: 2,844,180 174: 2,856,979 176: 2,819,750 208: 2,835,302 2,841,199 209: 2,819,751 2,821,231 2,843,172 2,850,066 211: 2,832,392 213: 2,830,638 2,834,391 2,850,067 2,865,422 214: 2,838,086 217: 2,826,232 218: 2,820,501 2,820,502 2,837,133 220: 2,858,871 222: 2,850,068 225: 2,840,132 228: 2,845,978 230: 2,864,423 2,866,491 239: 2,830,639 241: 2,825,381 244: 2,822,851 245: 2,824,593 2,852,057 312: 2,830,640 330: 2,821,232 2,825,382 2,839,117 2,847,049 2,863,488 2,864,424 334: 2,859,791 340: 2,861,619 341: 2,822,015 2,839,118 2,864,425 342: 2,853,115	152— 347: 2,818,902 2,827,098 349: 2,850,069 352: 2,822,016 353: 2,865,423 354: 2,844,181 2,860,682 359: 2,827,099 2,839,119 361: 2,826,233 362: 2,820,500 2,822,017 2,822,018 2,822,019 363: 2,857,951 367: 2,833,327 2,838,087 2,852,058 2,855,014 370: 2,828,791 378: 2,854,052 396: 2,840,133 402: 2,860,683 404: 2,847,050 405: 2,822,020 406: 2,859,792 410: 2,822,021 2,827,100 2,835,303 2,856,980 417: 2,849,047 427: 2,823,724 2,830,641 2,835,304 2,835,305 2,836,217 2,837,134 2,838,088 2,839,120 2,844,182 2,844,183 2,845,979 2,845,980 2,855,015 2,862,539 2,864,426 2,866,492 431: 2,820,503 2,823,725 153— 1: 2,822,852 2,825,384 2,827,940 2,827,941 2,829,642 2,836,218 2,837,136 2,845,107 2,845,108 2,850,070 2: Re.24.441 2,822,022 2,828,792 2,832,393 2,833,328 2,834,392 2,848,033 2,851,080 2,852,059 2,860,684 3: 2,822,853 2,826,234 2,831,521 4: 2,845,981 6: 2,841,200 10.5: 2,844,184 13: 2,821,233 2,843,173 16: 2,834,393 2,847,051 2,855,016 17: 2,828,793 2,840,134 21: 2,821,234 2,823,722 2,835,306 2,840,135 2,843,174 2,847,052 2,847,053 2,848,034 2,851,081 2,852,060 2,855,971 2,860,685 2,864,427 25: 2,843,175 2,845,982 2,852,061 28: 2,829,697 32: 2,825,385 2,827,942 2,830,643 2,830,644
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153—	32: 2,831,522 2,836,219 2,843,176 2,858,872 2,858,873 2,860,686 2,861,620 2,863,489 35: 2,845,983 2,852,062 2,854,053 2,855,072 38: 2,832,394 39: 2,820,504 2,836,220 2,845,984 2,854,054 2,855,017 40: 2,818,903 2,819,752 2,822,023 2,837,137 2,840,048 2,854,055 2,855,018 2,857,952 45: 2,843,177 2,863,490 46: 2,827,101 2,845,985 2,847,054 2,852,063 2,852,064 2,855,019 2,866,493 48: 2,822,854 2,824,594 2,827,943 2,830,645 2,831,523 2,844,185 2,848,035 2,850,071 2,856,981 54: 2,826,235 2,827,944 2,832,395 2,843,178 2,854,056 2,854,057 2,858,874 61: 2,838,089 63: 2,825,386 64: 2,845,986 2,855,973 2,861,621 64.5: 2,847,055 2,865,424 65: 2,820,505 2,831,524 2,833,329 2,855,974 2,861,622 66: 2,841,201 67: 2,845,987 71: 2,833,330 73: 2,825,387 2,842,182 2,845,988 75: 2,830,646 77: 2,843,179 78: 2,823,727 2,845,989 2,851,082 2,859,793 80: 2,862,540 80.5: 2,827,102 2,855,020 81: 2,840,136 2,853,116 2,861,623 82: 2,835,307 2,835,308 2,835,309 2,839,121 2,854,058 100: 2,829,698 105: 2,838,090 106: 2,837,138 2,852,065 107: 2,821,235 2,827,945 154—	1: 2,863,491 1.1: 2,831,525 1.6: 2,823,728 2,824,595 2,828,794 2,865,125 1.7: 2,826,237 2,828,705 2,829,699 2,841,202 2,847,056 2,854,059 2,858,875 2,862,541 2,863,492 1.8: 2,826,238 2,831,526 2,845,109 2.24: 2,828,251 2,841,514 2,846,347 2,865,799 2.25: 2,818,905 2.26: 2,823,152 2,823,153 2,823,154 2.6: 2,818,906 2,822,855 2,827,946 2,829,700 2,842,183 2,859,794 2,865,426 2.65: 2,833,680 2.7: 2,825,671 2,831,791 2,849,345 2,837,453 2.73: 2,831,792 2.74: 2,851,388 2.75: 2,837,454 3: 2,822,856 4: 2,828,796 8: 2,822,857 2,855,975 9: 2,818,907 2,821,236 2,822,025 2,828,797 2,832,396 2,838,091 2,838,092 2,855,976 14: 2,822,026 2,822,027 2,849,049 2,866,494 16: 2,819,753 25: 2,819,754 2,840,137 26: 2,827,103 27: 2,830,648 28: 2,825,389 29: 2,822,028 30: 2,863,493 2,821,237 2,862,542 31: 2,829,701 33: 2,841,204 33.05: 2,826,239 2,840,138 36: 2,821,238 37: 2,841,205 41: 2,818,908 2,826,240 2,828,798 2,828,799 2,828,800 42: 2,822,029 2,822,030 2,823,729 2,824,596 2,830,649 2,834,395 2,849,505 2,855,977 2,859,796 2,862,543 2,864,428 42.1: 2,842,184 2,855,022 42.2: 2,844,186 42.3: 2,827,104 43: 2,823,155 2,825,672 2,832,712 2,833,681 2,834,702 2,861,910 2,863,794 2,863,795 44: 2,825,673	154—	44: 2,830,000 2,840,500 2,844,501 45: 2,841,203 45.9: 2,821,497 2,826,521 2,826,522 2,831,793 2,833,682 2,857,302 2,858,247 46: 2,823,156 2,827,411 2,832,713 2,834,703 2,842,472 2,851,389 47: 2,858,248 49: 2,835,620 2,836,528 2,853,399 2,853,411 2,856,323 50: 2,826,523 2,829,080 2,830,001 52: 2,845,378 52.1: 2,841,515 2,850,420 52.5: 2,861,021 53: 2,836,529 53.5: 2,835,621 2,847,339 2,852,423 2,860,081 53.6: 2,862,845 54: 2,819,993 2,819,994 2,837,455 76: 2,859,150 79: 2,819,195 80: 2,821,498 2,863,796 81: 2,828,238 2,841,516 2,849,346 83: 2,824,032 2,824,033 2,826,524 2,828,239 2,833,683 2,833,684 2,837,456 2,859,151 2,863,797 85: 2,830,923 2,839,440 90: 2,846,348 2,852,424 2,858,249 91: 2,834,704 2,852,425 95: 2,837,457 100: 2,866,730 101: 2,850,421 2,854,372 102: 2,821,034 103: 2,819,196 104: 2,855,338 110: 2,830,002 2,830,924 2,833,685 2,835,622 2,836,530 2,838,435 2,838,436 2,845,379 2,854,373 2,839,795 2,860,082 2,861,911 115: 2,824,035 116: 2,824,036 2,826,525 2,827,412 2,836,531 2,839,441 2,849,347 2,859,152 118: 2,820,733 2,825,674 2,828,235 2,829,081 2,835,623 2,839,442 2,850,422 2,856,324 2,862,846 120: 2,842,473 121: 2,830,003 125: 2,820,734 2,827,413 2,851,390 126.5: 2,834,705	154—126.5: 2,859,153 127: 2,850,423 128: 2,827,414 2,830,925 2,830,926 129: 2,828,236 2,843,517 2,847,340 2,853,412 2,861,022 130: 2,850,424 2,866,731 131: 2,823,157 132: 2,830,004 2,831,794 2,853,413 136: 2,835,624 138: 2,824,037 2,828,240 2,830,005 139: 2,820,735 2,822,311 2,824,038 2,825,675 2,826,526 2,828,237 2,833,686 2,837,458 2,848,437 2,839,443 2,844,502 2,849,359 2,860,083 140: 2,824,821 2,842,474 2,847,341 2,847,342 2,847,343 2,857,303 155—	2: 2,829,702 2,833,331 2,839,123 2,858,876 2,860,688 5: 2,822,858 2,826,241 2,836,222 2,851,083 2,853,119 2,859,797 2,861,624 2,865,427 5.17: 2,856,982 5.21: 2,828,801 6: 2,859,798 7: Re.24,528 2,818,909 2,821,239 2,823,730 2,832,397 2,850,073 10: 2,857,953 2,864,429 11: 2,848,036 2,851,084 2,854,060 14: 2,820,506 2,821,240 2,822,859 2,827,105 2,827,106 2,827,947 2,827,948 2,834,396 2,839,124 2,840,139 2,845,990 2,850,074 2,856,983 2,858,877 2,858,878 2,864,430 2,864,431 2,865,428 17: 2,860,689 18: 2,855,023 2,855,978 20: 2,852,066 22: 2,819,755 2,833,332 2,843,180 2,847,057 2,855,021 2,855,979 2,862,541 2,866,495 25: 2,854,061 30: 2,818,910 2,823,731 2,824,597 2,847,058 2,849,051 2,850,075 43: 2,820,507 2,827,107	155—	43: 2,845,110 2,855,025 45: 2,843,181 47: 2,858,879 49: 2,834,397 50: 2,856,984 51: 2,829,703 2,840,140 2,844,187 52: 2,841,206 53: 2,832,398 2,845,111 58: 2,827,949 2,852,067 65: 2,827,950 69: 2,854,062 75: 2,844,188 77: 2,818,911 2,828,802 2,830,650 2,845,991 2,845,992 78: 2,824,598 2,833,333 2,847,059 2,851,085 2,855,980 2,855,981 80: 2,821,241 2,834,398 81: 2,836,224 2,848,037 2,860,690 2,865,429 85: 2,828,803 88: 2,843,182 2,850,076 2,854,063 90: 2,836,225 2,850,077 91: 2,821,242 95: 2,834,399 2,854,064 2,854,065 2,855,982 2,865,430 99: 2,858,880 106: 2,820,508 2,827,108 2,827,109 2,838,093 2,840,141 2,844,189 2,844,190 2,849,052 2,850,078 2,853,120 2,857,954 2,857,955 2,865,431 107: 2,843,183 2,843,184 108: 2,830,651 112: 2,824,599 2,845,112 2,853,393 2,866,496 116: 2,823,732 2,829,704 2,860,691 2,863,495 117: 2,834,400 2,837,140 123: 2,833,334 2,845,113 2,855,983 124: 2,825,390 2,837,141 2,842,185 2,845,114 2,849,053 2,856,985 127: 2,833,335 2,850,079 2,852,068 128: 2,865,432 130: 2,842,186 131: 2,834,401 133: 2,828,804 2,836,223 2,841,207 139: 2,830,652 2,849,054 2,851,086 2,860,692 140: 2,837,142 2,859,800 142: 2,843,186 2,843,187 2,843,188 2,861,625	143: 2,820,509 147: 2,824,600 148: 2,845,993 149: 2,822,860 2,838,094 150: 2,828,805 2,843,185 2,844,191 152: 2,824,601 2,828,806 2,853,121 2,863,496 153: 2,825,391 2,828,807 2,857,957 154: 2,828,808 2,840,142 155: 2,834,402 156: 2,831,528 2,857,958 157: 2,838,095 2,859,801 2,863,497 158: 2,855,026 159: 2,825,392 2,847,060 160: 2,827,951 2,833,336 2,845,994 161: 2,830,653 2,864,432 163: 2,838,096 2,842,187 165: 2,822,861 2,823,733 2,845,995 166: 2,843,189 167: 2,829,705 169: 2,833,337 2,838,097 2,838,098 2,850,080 2,850,081 2,856,986 171: 2,826,242 2,828,809 2,833,338 2,841,208 173: 2,831,529 174: 2,827,110 2,835,311 177: 2,828,810 2,828,811 2,831,530 2,839,125 2,864,433 2,865,434 178: 2,832,399 2,839,126 2,843,190 2,866,497 179: Re.24,529 2,821,243 2,921,244 2,922,031 2,922,032 2,925,393 2,926,243 2,926,244 2,927,952 2,929,706 2,930,654 2,931,531 2,933,339 2,933,340 2,934,403 2,935,312 2,935,313 2,935,314 2,935,315 2,936,227 2,936,228 2,937,143 2,942,188 2,943,191 2,943,194 2,945,996 2,945,997 2,948,038 2,949,055 2,949,056 2,949,057 2,951,087 2,951,088 2,951,089 2,953,122 2,953,123 2,954,066 2,955,984 2,955,985
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155— 179:	2,856,987	158— 7:	2,828,813	158— 114:	2,840,150	160— 132:	2,835,324	160— 378:	2,847,065	164— 49:	2,837,159
	2,856,988		2,829,708		2,840,151		2,856,996		2,822,870		2,838,113
	2,856,989		2,834,405	115:	2,818,916	133:	2,839,135		2,834,412		2,839,138
	2,858,881		2,839,128		2,822,867		2,840,156	161— 1:	2,821,249		2,843,202
	2,859,802		2,851,092		2,828,814		2,853,130		2,825,401		2,849,067
	2,860,693	7. 5:	2,834,406		2,830,658	135:	2,823,744		2,832,408		2,850,091
	2,864,434	11:	2,821,240		2,834,408		2,855,037		2,833,347		2,857,000
	2,864,435		2,838,103		2,836,232	136:	2,859,811		2,842,200		2,865,450
	2,864,436		2,851,093		2,850,084		2,828,816		2,845,119	50:	2,837,160
180:	2,865,435		2,862,545		2,855,034	166:	2,848,044		2,851,099	54:	2,825,404
181:	2,826,245		2,863,498		2,860,695	167:	2,818,921		2,851,100	56:	2,825,405
	2,823,734		2,865,440	116:	2,824,604		2,828,817		2,851,101	57:	2,843,203
	2,837,144	13. 6:	2,819,756		2,836,233		2,837,152		2,860,702	58:	2,858,886
	2,841,209	27. 4:	2,827,112		2,836,234		2,838,110	3:	2,855,993	59:	2,866,503
	2,857,959		2,829,709		2,840,152	170:	2,824,608	7:	2,852,072		2,821,252
182:	2,818,912		2,830,657		2,843,199	172:	2,822,043		2,855,042		2,836,242
	2,820,510		2,854,067		2,854,069		2,827,113	9:	2,857,964		2,840,164
	2,822,033	28:	2,822,865		2,860,696		2,827,956		2,832,409		2,860,705
	2,822,034		2,832,402	117. 5:	2,822,038		2,844,198		2,837,154	60:	2,823,748
	2,822,862		2,835,321		2,843,200		2,848,045		2,844,201	61:	2,846,004
	2,823,735		2,835,322	118:	2,824,605	173:	2,820,512	10:	2,847,066		2,851,103
	2,823,736		2,839,129	119:	2,823,740		2,822,868		2,865,447		2,852,075
	2,827,111		2,839,130		2,838,106		2,840,157	15:	2,833,348		2,858,887
	2,828,812		2,840,145		2,840,153		2,842,196		2,845,120		2,860,706
	2,831,532		2,840,146	122:	2,856,993		2,844,199		2,845,121		2,861,634
	2,831,533		2,841,213	123:	2,823,741		2,855,990		2,847,067	62:	2,859,813
	2,833,341		2,841,214	124:	2,839,132		2,860,699		2,857,965	65:	2,836,243
	2,836,229		2,842,192	128:	2,865,444		2,861,631		2,864,443	66:	2,832,411
	2,837,145		2,843,197	140:	2,828,815		2,863,502		2,855,994	68:	2,821,253
	2,837,146		2,844,195		2,856,994	176:	2,821,247	164— 2:	2,855,994		2,822,047
	2,838,099		2,851,094	142:	Re.24,515		2,849,061		Re.24,445	8:	2,850,092
	2,839,127		2,851,095	4:	2,829,710		2,849,062	10. 2:	2,850,094		2,854,075
	2,842,189		2,852,069		2,833,345		2,851,098		2,852,073		2,855,996
	2,843,195		2,856,992		2,839,122		2,854,071		2,863,506		2,855,997
	2,844,192		2,857,960		2,842,193	177:	2,831,536		2,863,507		2,861,635
	2,848,039		2,865,441		2,842,194		2,849,063		2,864,444	71:	2,854,076
	2,853,124	33:	2,853,126		2,850,085		2,855,991		2,864,445	73:	2,833,350
183:	2,855,986	36:	2,829,738		2,851,097		2,839,136		2,866,500		2,833,351
184:	2,853,125		2,825,396	6:	2,836,235		2,832,406		2,866,501	75:	2,821,254
	2,833,342		2,826,247		2,838,107		2,854,072	12:	2,827,120		2,822,871
	2,842,190		2,837,148		2,866,499		2,820,513		2,836,239		2,866,504
	2,845,998		2,841,215	11:	2,822,039	187:	2,820,514		2,852,074	76:	2,819,760
	2,855,027		2,855,029	16:	2,834,409		2,860,700		2,857,966		2,823,749
	2,865,436	36. 3:	2,819,757	17:	2,838,108	188:	2,820,515	17:	2,850,661		2,824,610
186:	2,865,437		2,825,397	20:	2,840,154		2,850,088		2,850,090		2,846,005
187:	2,856,990		2,832,403	22:	2,841,217		2,853,131	17. 5:	2,844,202	84. 5:	2,823,750
188:	2,827,953		2,835,323	23:	2,865,445		2,855,038	19:	2,822,045		2,835,326
	2,841,210		2,859,806	24:	2,823,742		2,863,501		2,858,884		2,839,139
	2,841,211		2,864,440		2,863,501		2,862,548	21:	2,834,413		2,839,140
	2,843,196		2,865,442	25:	2,862,548		2,842,195	23:	2,818,922		2,842,201
189:	2,826,246	36. 4:	2,836,230	31:	2,842,195		2,850,086	25:	2,854,074		2,848,046
	2,830,655		2,848,041	44:	2,850,086		2,859,809	29:	2,846,001		2,849,068
	2,833,343	36. 5:	2,818,914	47:	2,853,127	201:	2,831,537		2,853,134		2,859,814
	2,833,344	42. 2:	2,859,807	48:	Re.24,469		2,863,503	33:	2,849,064		2,862,554
	2,848,040	46:	2,850,083		2,818,917	202:	2,850,089	34:	2,825,402	86:	2,843,204
	2,850,082	46. 5:	2,818,915		2,839,133	207:	2,834,411	35:	2,855,043	87:	2,818,923
	2,855,028		2,840,147	49:	2,857,962	209:	2,820,516	36:	2,836,240	89:	2,846,006
	2,856,991		2,841,216		2,836,236		2,827,114		2,837,155		2,854,077
	2,858,882	50. 1:	2,859,808	19:	2,827,954	218:	2,824,609		2,853,135		2,857,968
	2,859,803	53:	2,845,999	23:	2,818,918	224:	2,842,197	38:	2,851,102	89. 5:	2,844,203
	2,861,626		2,855,987		2,855,035	229:	2,827,115	39:	2,822,046	90:	2,820,519
	2,861,627		2,860,694	24:	2,822,040		2,830,660		2,825,401		2,843,205
191:	Re.24,569		2,862,546		2,827,955		2,836,238		2,827,961		2,844,204
	2,823,737	72:	2,865,443		2,832,405	231:	2,862,551		2,849,065		2,855,998
	2,824,602	73:	2,822,035	26:	2,844,196	235:	2,858,883		2,865,448		2,857,969
	2,829,707		2,838,104	30:	2,825,400	236:	2,855,039	40:	2,837,156	94:	2,830,662
	2,830,656		2,845,115	34:	2,845,116	267:	2,847,064		2,841,220		2,850,093
	2,831,534	74:	2,863,499	38:	2,824,606	269:	2,845,117		2,856,997		2,863,508
	2,838,100	75:	2,861,628		2,837,150	313:	2,842,198	41:	2,846,002	100:	2,842,202
	2,847,061	76:	2,825,398		2,862,549	327:	2,840,158	42:	2,821,250	102:	2,866,505
	2,847,062		2,831,535	39:	2,823,743	328:	2,827,958		2,840,163	108:	2,829,983
	2,859,804		2,840,148	40:	2,837,151	330:	2,819,759		2,847,068	109:	2,829,983
	2,864,438		2,843,198		2,855,989		2,827,959		2,855,995		2,865,451
	2,865,438		2,857,961	44:	2,856,995		2,831,538		2,856,998	110:	2,837,161
193:	2,866,498		2,863,500	57:	2,829,711		2,855,040		2,860,703	111:	2,836,244
194:	2,821,245	77:	2,836,231	61:	2,844,197	336:	2,855,041		2,861,633		2,836,245
	2,834,404	79:	2,851,096	62:	2,824,607	345:	2,861,632		2,866,502		2,837,162
	2,851,090	88:	2,832,404		2,853,128		2,863,505	43:	2,820,517		2,841,221
	2,865,439	89:	2,855,030	66:	2,853,129	346:	2,840,159		2,839,137		2,848,047
196:	2,825,394	91:	2,819,758	67:	2,855,036	348:	2,822,869		2,832,410		2,848,048
	2,835,317		2,820,511	84:	2,839,134		2,864,442		2,833,349	112:	2,832,412
	2,851,091		2,822,036		2,860,697	349:	2,840,160		2,838,111		2,838,114
198:	2,841,212		2,822,866		2,860,698		2,827,117		2,838,112		2,825,406
	2,844,193		2,825,399	85:	2,865,446		2,843,201		2,856,999		2,845,122
157— 1:	2,835,318		2,837,149	87:	2,830,659		2,844,200		2,860,704		2,846,007
1. 1:	2,849,059		2,855,031	90:	2,846,000		2,843,201		2,862,553		2,848,049
1. 17:	2,822,863		2,862,547		2,857,963		2,840,161	48:	2,823,747		2,852,076
1. 21:	2,818,913	94:	2,822,037		2,862,550		2,827,118		2,837,158		2,858,888
	2,835,319	99:	2,826,248	91:	2,818,919		2,822,044		2,846,006		2,859,817
	2,838,101		2,839,131	92:	2,818,920		2,823,745		2,855,045		2,860,708
	2,849,060		2,840,149		2,822,041	369:	Re.24,520		2,857,967	114:	2,820,520
	2,859,805		2,855,032	95:	2,848,043		2,835,325		2,858,885		2,827,963
1. 26:	2,840,143	104:	2,826,249	102:	2,829,712		2,842,199		2,865,449		2,840,165
	2,842,191	106:	2,824,603	104:	2,852,071		2,837,158	49:	2,825,403		2,842,203
	2,844,194		2,847,063	105:	2,850,087	371:	2,832,407		2,827,962		2,845,124
1. 28:	2,825,395		2,848,042	107:	2,838,109		2,837,153		2,829,713		2,855,999
	2,832,400		2,852,070	111:	2,822,042	377:	2,840,161				
	2,837,147	109:	2,823,739	113:	2,854,070		2,840,162				
158— 2:	2,835,320		2,834,407		2,861,630						
4:	2,838,102		2,838,105	115:	2,836,237						
	2,840,144		2,855,033	118:	2,841,218						
4. 5:	2,832,401		2,961,629		2,941,219						
5:											

164—	114:	2,857,001	166—	65:	2,857,970	166—	192:	2,822,876	167—	30:	2,846,349	167—	53.1:	2,823,160	167—	78:	2,833,691
	115:	2,826,252		68:	2,842,208		193:	2,825,412			2,848,364			2,823,161			2,837,460
		2,832,413		70:	2,854,079		204:	2,836,252			2,850,425			2,823,162		81:	2,822,317
		2,838,115		73:	2,831,539			2,850,101			2,854,374			2,827,416			2,823,165
		2,846,008		75:	2,830,665			2,862,563			2,857,307			2,829,084			2,823,166
		2,846,009			2,835,327		205:	2,833,354			2,857,308			2,831,795			2,823,167
		2,850,095			2,842,209		208:	2,842,213			2,857,309			2,836,539			2,830,009
		2,862,555			2,846,013		209:	2,839,145			2,861,913			2,844,509			2,830,933
		2,866,506		86:	2,830,666		212:	2,818,926			2,861,914			2,856,528			2,832,720
	118:	Re.24,439		88:	2,841,223			2,827,966			2,861,915		53.2:	2,847,345			2,832,721
		2,850,096			2,851,106		213:	2,832,421			2,862,847			2,863,804			2,833,692
		2,854,078			2,859,823			2,841,226			2,865,803		54:	2,828,243			2,835,627
	124:	2,818,924			2,859,824		214:	2,856,007			2,865,804		55:	2,832,717			2,837,461
		2,825,407		91:	2,855,048			2,862,564		31:	2,854,375			2,836,540			2,846,352
		2,847,069		98:	2,829,716		216:	2,829,718			2,861,916			2,840,505			2,850,429
	212:	2,846,010		99:	2,857,004			2,832,422		32:	2,829,082			2,840,506			2,861,025
166—	1:	2,832,414		100:	2,821,256		218:	2,851,112			2,832,714			2,841,526			2,861,026
		2,843,206			2,842,210			2,856,008			2,864,742			2,850,426			2,862,852
		2,847,070			2,843,208			2,864,450			2,865,805			2,854,376			2,865,809
		2,857,002			2,851,107		219:	2,840,168		33:	2,822,313			2,863,690		82:	2,820,741
	2:	2,823,751			2,855,049		221:	2,831,542			2,823,158		56:	2,833,691			2,827,420
	3:	2,836,246		101:	2,842,211			2,832,423			2,824,823			2,843,521			2,841,528
		2,850,097		102:	2,846,014		224:	2,822,051			2,824,824		58:	2,823,163			2,852,433
	4:	2,843,207		103:	2,830,667			2,826,254			2,826,530			2,824,042			2,853,420
		2,844,205			2,855,050			2,829,719			2,827,415			2,829,085			2,853,421
		2,851,104		114:	2,822,048			2,846,015			2,829,083			2,838,440			2,854,381
	8:	2,828,818			2,837,165			2,847,074			2,832,715			2,854,377			2,858,252
		2,858,890			2,856,002			2,848,053			2,833,688			2,856,329			2,865,810
	9:	2,822,872		115:	2,822,049			2,863,511			2,833,689			2,857,311			2,865,811
		2,827,964			2,836,249		226:	2,850,102			2,835,626			2,864,743		83:	2,830,010
		2,828,819			2,864,449			2,854,082			2,836,538		63:	2,843,522			2,844,512
		2,842,204		118:	2,855,051			2,856,009			2,838,438		64:	2,854,378			2,846,353
		2,852,077		119:	2,822,874		228:	2,843,209			2,839,445		65:	2,819,997		84:	2,830,011
		2,856,000			2,845,126		230:	2,858,894			2,839,446			2,819,998			2,835,628
		2,859,818		120:	2,823,754		241:	2,824,613			2,841,523			2,820,738			2,837,462
		2,866,507		121:	2,862,559			2,847,075			2,841,524			2,820,739			2,841,529
10:	2:	2,821,255		123:	2,831,540			2,849,071			2,841,525			2,822,314			2,856,330
		2,837,163		125:	2,842,212		243:	2,828,824			2,843,520			2,823,164		84.5:	2,848,368
		2,862,556			2,862,560			2,855,052			2,844,508			2,827,417			2,850,430
	11:	2,823,752		126:	2,856,003	167—	14:	2,826,527			2,846,350			2,827,418		85:	2,833,693
		2,825,408		127:	2,850,099			2,834,706			2,851,391			2,828,244			2,838,442
		2,839,141		129:	2,822,875			2,836,532			2,852,427			2,830,008			2,853,422
		2,853,136		130:	2,819,762			2,836,533			2,853,416			2,832,718		87.1:	2,836,543
		2,853,137			2,834,414		17:	2,826,528			2,853,417			2,832,719			2,841,530
		2,858,891		131:	2,818,925			2,863,798			2,857,310			2,834,710			2,847,351
		2,862,557			2,829,717		19:	2,837,459			2,860,084			2,834,711			2,857,314
	14:	2,848,050		133:	2,859,825		22:	2,824,822			2,860,085			2,838,441		88:	2,848,369
		2,852,078			2,826,529			2,826,529			2,861,917			2,842,479		89:	2,823,168
	20:	2,823,753		134:	2,837,166			2,830,927			2,861,918			2,843,523		90:	2,823,169
	21:	2,842,205			2,841,224			2,833,687			2,861,919			2,844,510			2,840,509
	22:	2,827,121			2,845,127			2,834,707			2,863,800			2,848,365			2,845,381
		2,837,164		136:	2,832,418			2,835,625			2,863,801			2,849,369			2,852,434
		2,838,116			2,856,004			2,836,534			2,863,802			2,850,427			2,853,423
		2,846,011			2,859,826			2,836,535			2,863,803			2,852,429			2,854,382
		2,852,078		138:	2,832,419			2,836,536	38.5:		2,849,360			2,852,430			2,857,315
		2,856,001			2,849,069			2,836,537			2,852,428			2,854,379			2,860,086
		2,859,819		139:	2,825,410			2,840,501		38.7:	2,823,159			2,855,342	93:	Re.24,573	2,820,000
		2,859,820			2,834,415			2,840,502		39:	2,824,040			2,857,312			2,829,086
		2,860,709			2,851,108			2,841,517			2,830,929			2,858,251			2,836,544
28:	2:	2,848,448		140:	2,841,225			2,841,518			2,840,503			2,860,086			2,837,463
29:		2,822,873			2,854,080			2,841,519			2,849,361			2,861,024			2,839,448
		2,858,892		146:	2,838,119			2,841,520			2,849,362			2,861,920			2,840,510
		2,861,636		147:	2,831,541			2,842,475			2,849,363			2,864,744		95:	2,832,722
		2,863,509			2,847,073			2,843,518			2,849,364			2,864,745			2,853,424
					2,852,079			2,844,503			2,849,365			2,865,807			2,857,005
31:	2:	2,828,820		148:	2,839,144			2,844,504			2,849,366			2,865,808			2,861,027
33:	2:	2,842,206		149:	2,850,100			2,852,426			2,849,367			2,866,735			2,865,456
34:	2:	2,833,352		152:	2,840,167			2,853,132			2,849,368		40:	2,842,477			2,866,736
38:	2:	2,824,611		157:	2,835,328			2,853,414			2,849,369		42:	2,819,198			2,867,330
		2,846,012			2,838,120			2,853,415			2,849,370			2,831,796			2,868,895
		2,863,510		162:	2,856,005			2,855,339			2,849,371			2,835,541			2,869,971
39:	2:	2,819,761		165:	2,859,827			2,856,325			2,849,372			2,839,449			2,870,000
		2,847,071			2,862,561			2,857,304			2,849,373			2,843,525			2,871,000
40:	2:	2,862,558		166:	2,852,080			2,857,305			2,849,374			2,847,347			2,872,000
42:	2:	2,825,409		169:	2,852,081			2,857,306			2,849,375			2,849,376			2,873,000
		2,832,416		170:	2,865,455			2,861,023			2,849,376			2,849,377			2,874,000
		2,838,117		173:	2,826,253			2,863,799			2,849,377			2,849,378			2,875,000
		2,838,118			2,832,420			2,864,735			2,849,378			2,849,379			2,876,000
		2,841,222			2,836,251			2,864,736			2,849,379			2,849,380			2,877,000
		2,850,098			2,838,121			2,864,737			2,849,380			2,849,381			2,878,000
		2,851,105			2,843,128			2,864,738			2,849,381			2,849,382			2,879,000
		2,855,047			2,845,129			2,864,739			2,849,382			2,849,383			2,880,000
		2,859,821			2,860,710			2,864,740			2,849,383			2,849,384			2,881,000
		2,859,822		174:	2,853,138			2,864,741			2,849,384			2,849,385			2,882,000
		2,865,453		176:	2,820,522			2,865,801			2,849,385			2,849,386			2,883,000
44:	2:	2,829,715		177:	2,825,411</												

170-135.27: 2,857,007	174— 34: 2,845,473	174— 122: 2,831,050	178— 5.4: 2,827,513	178— 6.6: 2,839,601	178— 17: 2,857,459
135.28: 2,835,331	2,857,450	126: 2,845,476	2,828,355	2,842,612	2,859,276
2,835,332	2,859,272	135: 2,862,996	2,829,193	2,842,615	2,862,053
135.4: 2,831,543	35: 2,820,082	138: Re.24,504	2,829,194	2,845,484	2,865,992
2,842,214	2,825,749	2,826,631	2,829,195	2,846,500	2,865,993
2,843,210	2,827,507	2,834,829	2,830,111	2,857,458	2,868,603
2,862,566	2,831,912	2,838,595	2,830,112	2,860,179	17.5: 2,838,603
135.7: 2,850,103	2,838,592	2,841,636	2,831,052	2,860,180	2,860,182
135.72: 2,851,113	2,840,628	2,850,560	2,831,053	2,863,000	18: 2,847,502
2,861,637	2,840,629	2,857,454	2,831,917	2,839,602	22: 2,832,826
135.73: 2,861,638	2,844,644	2,862,997	2,831,918	2,862,051	23: 2,824,169
135.74: 2,819,765	2,845,474	139: 2,821,568	2,831,919	2,819,336	2,840,638
2,829,722	2,851,513	2,836,648	2,832,817	2,830,113	2,848,532
2,833,355	2,852,594	2,858,359	2,832,818	2,831,054	2,849,532
2,833,356	2,853,541	2,866,845	2,832,819	2,845,485	2,850,566
2,840,169	2,860,176	140: 2,820,086	2,833,852	2,852,600	2,862,054
2,860,712	2,862,991	2,840,631	2,833,853	2,863,941	25: 2,843,667
2,861,639	42: 2,831,048	141: 2,865,982	2,835,727	2,824,902	2,859,277
135.743: 2,855,056	2,852,595	142: 2,835,725	2,835,729	2,825,755	26: 2,822,420
135.75: 2,826,255	43: 2,820,083	146: 2,825,751	2,835,730	2,830,114	2,831,058
2,855,055	45: 2,841,634	2,839,597	2,837,594	2,831,055	2,847,503
2,860,713	47: 2,829,190	2,861,122	2,837,595	2,831,056	2,848,534
147: 2,850,104	50: 2,835,722	148: 2,854,503	2,837,596	2,835,731	2,865,994
2,859,829	50.56: 2,846,496	150: 2,858,360	2,838,598	2,839,603	30: 2,848,535
153: 2,856,011	50.58: 2,826,630	151: 2,864,883	2,839,599	2,843,661	33: 2,819,338
159: 2,827,967	50.64: 2,856,449	152: 2,820,087	2,839,600	2,843,662	2,847,504
2,863,513	51: 2,831,913	2,835,726	2,840,632	2,843,663	2,854,510
160.13: 2,827,968	2,862,040	2,838,596	2,840,633	2,843,664	2,861,125
2,845,131	52: 2,819,331	2,849,528	2,840,634	2,844,647	34: 2,820,094
2,860,714	2,821,566	2,858,361	2,840,635	2,844,648	2,821,570
2,861,640	2,822,417	2,859,273	2,841,639	2,851,520	2,847,505
160.2: 2,830,668	2,847,497	2,862,043	2,841,641	2,861,123	42: 2,862,055
2,840,170	2,856,450	2,862,044	2,841,642	2,861,124	43.5: 2,832,827
2,840,171	2,857,451	2,864,884	2,841,643	2,863,942	2,833,855
2,849,072	2,858,356	153: Re.24,438	2,841,644	2,864,886	2,833,856
2,865,460	2,858,357	2,820,088	2,842,611	2,823,256	45: 2,825,759
160.21: Re.24,530	2,862,992	2,823,251	2,843,658	2,831,057	2,825,760
2,850,105	53: 2,828,352	2,833,849	2,843,659	2,831,920	2,825,761
2,855,057	2,854,501	2,859,274	2,844,645	2,834,832	2,825,762
160.23: 2,840,172	58: 2,843,652	2,831,915	2,844,646	2,838,600	2,831,921
2,848,054	2,857,452	161: 2,850,561	2,845,480	2,838,601	50: 2,846,502
160.24: 2,847,076	59: 2,824,166	163: 2,841,637	2,845,481	2,843,665	2,848,536
160.25: 2,845,132	2,831,914	2,845,477	2,845,482	2,845,486	51: 2,820,095
160.27: 2,861,641	2,847,498	165: 2,834,830	2,846,498	2,849,530	2,823,259
160.32: 2,843,212	2,855,454	166: Re.24,488	2,846,499	2,850,565	2,844,650
2,856,012	2,861,120	168: 2,829,192	2,848,528	2,851,521	52: 2,865,995
160.42: 2,830,669	2,863,935	172: 2,843,653	2,848,529	2,852,601	53: 2,845,489
2,850,106	61: 2,836,046	207: 2,825,752	2,848,530	2,864,887	2,865,996
160.43: 2,851,114	2,861,121	178— 2: 2,820,089	2,848,531	2,865,989	53.1: 2,842,616
160.53: 2,853,140	63: 2,824,167	2,827,511	2,848,533	2,819,337	2,850,567
160.55: 2,853,141	67: 2,820,842	2,850,562	2,851,517	2,820,092	2,859,278
160.56: 2,863,514	69: 2,865,978	2,851,518	2,851,519	2,823,257	66: 2,819,339
160.6: 2,844,207	72: 2,824,901	2,853,545	2,853,546	2,825,756	2,822,421
170: 2,825,414	73: 2,827,508	2,860,177	2,853,547	2,825,757	2,831,059
171— 9: 2,856,013	75: 2,852,596	2,862,047	2,853,548	2,826,635	2,833,857
37: 2,833,357	2,857,453	2,863,936	2,854,504	2,828,356	2,830,604
2,833,358	77: 2,823,248	4.1: 2,845,478	2,854,505	2,829,197	2,823,260
2,840,173	2,862,993	5: 2,824,903	2,855,455	2,829,198	2,838,604
42: 2,855,058	2,862,994	2,853,543	2,855,456	2,841,645	2,856,457
61: 2,854,083	2,865,980	5.1: 2,823,252	2,855,457	2,842,613	2,865,997
63: 2,852,082	77: 2,823,248	2,823,253	2,855,458	2,843,666	69.5: 2,824,170
89: 2,844,208	2,827,509	2,833,850	2,856,454	2,844,649	2,830,115
105: 2,827,969	2,841,635	2,839,598	2,857,456	2,845,487	2,835,733
115: 2,842,215	2,856,451	2,843,654	2,857,457	2,846,501	2,838,605
118: 2,828,825	2,856,452	2,843,655	2,858,362	2,851,522	2,838,606
141: 2,865,461	78: 2,821,567	2,843,656	2,858,363	2,851,523	2,842,617
172— 6: 2,864,292	79: 2,866,844	2,843,657	2,858,364	2,851,524	2,843,669
9: 2,864,295	81: 2,865,981	2,846,497	2,858,365	2,855,458	2,848,537
42: 2,864,293	84: 2,832,816	2,847,500	2,858,366	2,862,052	2,850,568
2,864,294	2,838,593	2,847,501	2,858,367	2,863,943	2,855,459
254: 2,864,296	2,845,475	2,852,598	2,858,368	2,864,888	2,856,459
376: 2,864,297	2,862,041	2,853,544	2,862,050	2,865,990	2,822,422
441: 2,864,222	2,864,882	2,857,455	2,862,999	2,842,614	70: 2,828,358
556: 2,864,298	85: 2,835,723	2,862,048	2,863,937	2,859,275	2,829,200
720: 2,865,276	87: 2,820,843	2,862,049	2,863,938	2,820,093	2,832,825
174— 4: 2,854,499	2,823,249	2,864,885	2,863,939	2,823,258	2,833,858
6: 2,844,643	2,823,250	2,820,090	2,863,940	2,825,758	2,835,734
11: 2,826,629	2,825,750	2,820,844	2,865,985	2,828,357	2,859,279
12: 2,853,548	2,828,353	2,822,419	2,866,846	2,832,821	71: 2,821,571
2,859,269	88: 2,822,418	2,825,753	2,866,847	2,832,822	2,839,605
14: 2,823,247	2,854,502	2,828,354	2,829,196	2,832,823	96: 2,843,670
15: 2,831,911	89: 2,839,595	2,831,916	2,836,649	2,832,824	115: 2,857,460
2,835,721	2,858,358	2,833,851	2,843,660	2,833,854	179— 1: Re.24,467
2,845,472	92: 2,839,596	2,838,597	2,841,638	2,835,732	2,819,340
2,849,323	93: 2,862,042	2,841,638	2,841,646	2,841,646	2,819,341
2,849,324	94: 2,820,084	2,841,640	2,845,483	2,845,488	2,819,342
2,853,539	99: 2,851,514	2,842,609	2,849,529	2,852,602	2,820,096
2,858,355	2,851,538	2,842,610	2,850,564	2,853,549	2,820,846
2,866,842	2,862,995	2,845,479	2,858,369	2,853,550	2,821,572
16: 2,819,330	100: 2,840,630	2,850,563	2,860,178	2,854,507	2,824,906
2,857,449	102: 2,834,828	2,862,998	2,865,986	2,854,508	2,826,636
2,859,270	107: 2,820,085	2,865,984	2,865,987	2,865,991	2,827,514
2,861,119	2,847,499	5.4: 2,819,332	2,819,333	2,836,652	2,828,359
2,862,042	2,849,526	2,819,334	2,819,335	2,854,509	2,828,360
2,863,540	2,852,597	2,819,335	2,820,091	2,851,525	2,828,361
18: 2,863,934	110: 2,829,191	2,820,091	2,820,091	2,834,831	2,829,201
21: 2,827,506	113: 2,835,724	2,820,845	2,820,845	2,838,602	2,829,202
22: 2,831,047	115: 2,838,594	2,821,569	2,821,569	2,840,637	2,830,116
25: 2,841,633	116: 2,856,453	2,823,254	2,823,254	2,860,181	2,830,117
2,866,843	117: 2,831,049	2,825,754	2,825,754	2,836,651	2,830,118
28: 2,854,500	121: 2,849,527	2,826,632	2,826,632	2,838,599	2,831,051
31: 2,846,495	122: 2,827,510	2,827,512	2,827,512	2,836,653	2,831,060
2,859,271				2,836,654	2,831,922
33: 2,862,990					

179—	1:	2,831,923	179—	9:	2,865,998	179—	18:	2,844,653	179—	81:	2,863,951	179—100.2:	2,843,678	179—115.5:	2,847,326
		2,832,828		15:	2,819,344			2,844,654		82:	2,851,537		2,844,665		2,848,561
		2,832,829			2,824,172			2,845,493			2,853,557		2,845,495		2,856,467
		2,835,735			2,824,908			2,846,510		84:	2,823,266		2,846,516		2,858,377
		2,835,736			2,826,637			2,846,511			2,823,267		2,846,517		2,862,069
		2,836,655			2,827,516			2,847,510			2,827,519		2,846,518	116:	2,857,478
		2,836,656			2,830,125			2,847,511			2,830,128		2,848,555	121:	2,835,744
		2,837,597			2,832,832			2,848,548			2,831,926		2,848,556		2,862,070
		2,837,598			2,833,861			2,848,549			2,832,838		2,849,542	122:	2,819,351
		2,838,607			2,833,862			2,848,550			2,837,604		2,849,543	116:	2,841,666
		2,838,608			2,834,833			2,850,575			2,837,605		2,850,581	147:	2,850,583
		2,838,609			2,835,739			2,850,576			2,838,613		2,850,582	149:	2,835,745
		2,839,606			2,836,658			2,851,534			2,846,513		2,852,617		2,845,496
		2,840,639			2,837,601			2,851,535			2,848,553		2,852,618	156:	2,843,680
		2,841,647			2,838,610			2,852,611			2,856,461		2,853,559		2,846,521
		2,841,648			2,840,640			2,852,612			2,853,558		2,853,560		2,850,584
		2,842,618			2,841,651			2,852,613		85:	2,853,558		2,854,524		2,854,523
		2,843,671			2,844,651			2,853,552		86:	2,824,174		2,854,525		2,862,071
		2,845,490			2,844,652			2,853,553			2,824,175		2,854,526		
		2,845,491			2,848,544			2,853,554			2,863,952		2,854,527	157:	2,822,433
		2,845,492			2,848,545			2,853,555		90:	2,820,106		2,854,527		2,863,954
		2,846,503			2,850,572			2,854,515			2,822,424		2,855,464	158:	2,838,615
		2,846,504			2,850,573			2,854,516			2,824,176		2,855,465		2,864,900
		2,847,506			2,851,532			2,854,517			2,827,520		2,855,466	164:	2,861,136
		2,848,538			2,852,606			2,854,518			2,829,206		2,856,462	165:	2,826,645
		2,848,539			2,852,607			2,854,519			2,830,129		2,856,463	170:	2,864,901
		2,849,533			2,852,608			2,854,520			2,832,837		2,856,464	170.2:	2,820,108
		2,849,534			2,852,609			2,854,521			2,834,837		2,857,476		2,825,764
		2,850,569			2,854,513			2,857,466			2,834,838		2,860,191	170.6:	2,852,621
		2,851,526			2,855,462			2,857,467			2,835,741		2,861,133	171:	2,819,352
		2,851,527			2,857,463			2,857,468			2,836,661		2,861,135		2,819,353
		2,851,528			2,857,464			2,857,469			2,844,660		2,862,064		2,820,109
		2,852,603			2,859,280			2,857,470			2,849,539		2,862,065		2,820,110
		2,852,604			2,860,185			2,857,471			2,857,474		2,862,066		2,820,111
		2,854,511			2,860,186			2,859,281			2,861,130		2,862,067		2,820,855
		2,855,460			2,861,128			2,859,282			2,861,131		2,863,002		2,822,434
		2,855,461			2,863,001			2,859,283		91:	2,858,372		2,863,003		2,823,269
		2,857,461			2,863,946			2,859,284		99:	2,828,366		2,863,004		2,824,179
		2,857,462			2,866,000			2,860,188			2,850,579		2,864,892		2,825,765
		2,858,370		15.5:	2,849,537			2,860,189			2,862,062		2,864,893		2,825,766
		2,860,183		15.55:	2,846,508			2,860,190		100:	2,819,347		2,864,894		2,826,646
		2,866,848			2,850,574			2,861,129			2,826,641		2,864,895		2,826,647
		2,866,849			2,857,465			2,862,059			2,848,554		2,866,009		2,827,521
1.5:		2,836,657			2,860,187			2,862,060			2,862,063		2,866,010		2,828,369
		2,841,649			2,866,001			2,862,061		100.1:	2,819,348		2,866,011		2,829,211
2:		2,828,362		15.6:	2,852,610			2,863,947			2,820,852		2,866,012		2,830,133
		2,833,859		16:	2,826,638			2,863,948			2,822,425		2,866,013		2,830,134
		2,839,607			2,834,834			2,863,949			2,822,426	100.3:	2,822,429		2,831,928
		2,841,650			2,846,509			2,866,002			2,823,268		2,830,131		2,831,929
2.5:		2,820,097			2,847,508			2,866,003			2,831,927		2,851,539		2,832,846
		2,828,363			2,848,546			2,866,004			2,833,865	100.4:	2,822,430		2,832,847
		2,857,599			2,854,514			2,866,005			2,833,866		2,846,519		2,832,848
		2,848,540		17:	2,820,100			2,866,853			2,834,839		2,847,514		2,833,869
		2,851,529			2,826,639			2,866,854			2,834,840		2,848,557		2,833,870
		2,862,056			2,832,833		22:	2,820,104			2,836,662		2,851,540		2,833,871
3:		2,823,261			2,839,609			2,826,640			2,837,606		2,852,619		2,835,746
5:		2,820,098			2,843,673			2,850,577			2,841,654		2,853,561		2,835,747
		2,822,423			2,847,509			2,853,556			2,844,661		2,858,373		2,835,748
		2,827,515			2,848,547			2,864,890			2,844,662		2,858,374		2,835,749
		2,830,119			2,849,538			2,849,538			2,844,663		2,864,896		2,835,750
		2,831,061			2,851,533		26:	2,829,204			2,844,664		2,866,856		2,836,665
		2,839,608			2,862,058		27:	2,827,517			2,845,494	100.41:	2,820,853		2,838,616
		2,847,507			2,865,999			2,830,126			2,846,514		2,821,577		2,838,617
		2,865,999			2,819,346			2,831,066			2,846,515		2,821,578		2,838,618
		2,866,850			2,820,101			2,839,612			2,847,513		2,825,763		2,838,619
6:		2,823,262			2,820,102			2,841,653			2,849,540		2,829,210		2,839,616
		2,824,907			2,820,103			2,842,620			2,849,541		2,833,867		2,839,617
		2,832,830			2,820,849			2,847,512			2,850,580		2,840,644		2,839,618
		2,833,860			2,820,850			2,850,578			2,852,616		2,843,679		2,839,619
		2,835,737			2,821,573			2,851,536			2,857,475		2,848,558		2,839,620
		2,846,505			2,821,574			2,852,614			2,861,132		2,848,559		2,840,645
		2,846,506			2,823,263			2,854,522			2,864,891		2,851,541		2,840,646
		2,848,541			2,823,264			2,855,463			2,866,855		2,854,529		2,840,647
		2,850,570			2,823,265			2,857,472			2,836,663		2,858,375		2,840,648
		2,854,512			2,824,909			2,859,285		100.11:	2,843,677		2,866,857		2,841,655
		2,861,126			2,824,910			2,863,950			2,854,528		2,868,858		2,841,656
		2,861,127			2,828,364			2,866,006					2,868,859		2,842,624
		2,864,889			2,828,365			2,866,007					2,868,860		2,842,625
		2,866,851			2,829,203			2,866,008					2,868,861		2,843,681
		2,866,852			2,830,120		27.51:	2,844,655				103:	2,822,432		2,843,682
		2,819,343			2,830,121			2,852,615				106:	2,852,620		2,843,683
		2,820,847			2,830,122			2,857,473				107:	2,824,177		2,844,667
		2,831,924			2,830,123		27.52:	2,820,851					2,826,644		2,845,497
		2,835,738			2,830,124			2,844,656					2,830,132		2,846,522
		2,846,507			2,831,063		27.54:	2,822,431					2,832,842		2,846,523
		2,848,542			2,831,064			2,827,518					2,833,868		2,846,524
		2,852,605			2,831,065			2,842,621					2,837,607		2,846,525
		2,860,184			2,832,834		37:	2,830,127					2,856,466		2,847,517
6.31:		2,843,672			2,832,835		38:	2,848,551					2,858,376		2,847,518
6.5:		2,831,925			2,833,863		41:	2,843,675					2,863,005		2,847,519
		2,837,600			2,833,864		43:	2,829,205					2,864,898		2,848,562
7:		2,849,535			2,834,835			2,842,622				108:	2,864,898		2,848,563
		2,850,571			2,834,836							110:	2,864,899		2,848,564
7.1:		2,824,171			2,835,740		48:	2,844,657					2,847,515		

179— 171:	2,854,532 2,855,468 2,856,468 2,857,479 2,857,480 2,857,481 2,857,482 2,857,483 2,858,378 2,858,379 2,858,380 2,859,286 2,859,287 2,859,288 2,859,289 2,860,192 2,860,193 2,860,194 2,860,195 2,860,196 2,861,137 2,862,046 2,863,006 2,863,007 2,863,008 2,863,955 2,863,956 2,863,957 2,864,902 2,864,903 2,864,904 2,864,905 2,866,015 2,866,016 2,866,017 2,866,018 2,866,019 2,866,858 2,866,859 175.2:	2,850,107 2,856,016 2,858,896 2,821,258 2,852,083 2,855,061 2,856,017 2,856,018 2,860,716 2,824,615 2,825,415 2,864,453 2,864,454 2,851,115 2,818,929 2,818,930 2,826,416 2,854,084 2,856,019 2,836,253 2,825,417 2,839,146 2,851,116 2,820,523 2,855,062 2,855,063 2,822,880 2,858,897 2,834,418 2,839,147 2,820,524 2,829,723 2,829,724 2,842,217 2,843,213 2,851,117 2,853,142 2,857,009 2,860,717 2,860,718 2,866,510 54:	2,842,219 2,847,078 2,847,079 2,848,056 2,855,065 2,857,976 2,860,719 2,855,518 2,865,462 2,819,770 82:	180— 79.2:	2,849,077 2,850,109 2,850,110 2,855,067 2,857,013 2,853,756 2,851,547 2,833,368 2,841,236 2,824,619 2,826,261 2,834,425 2,840,180 2,841,237 2,842,222 2,855,068 2,831,548 2,832,430 2,827,124 2,828,850 2,859,830 2,853,147 2,850,570 2,850,111 2,853,148 2,865,463 2,825,421 2,829,729 2,834,426 2,838,128 2,839,151 2,857,014 2,864,455 2,835,336 2,838,129 2,841,235 2,860,722 2,851,123 2,818,934 2,824,620 2,827,125 2,839,152 2,845,136 2,852,090 2,853,149 2,857,015 2,845,137 2,852,091 2,863,521 2,825,422 2,825,423 2,832,431 2,833,369 2,844,213 2,861,647 2,863,522 2,866,516 4:	181— 33:	2,824,621 2,832,432 2,847,083 2,840,182 2,853,152 2,854,090 2,827,126 2,838,130 2,818,935 2,822,886 2,833,370 2,833,371 2,835,339 2,839,155 2,840,183 2,866,518 2,828,831 2,830,674 2,836,256 2,842,224 2,843,217 2,848,060 2,848,061 2,851,124 2,853,153 2,857,979 2,862,571 2,819,774 2,823,759 2,826,264 2,839,156 2,842,225 2,845,139 2,860,724 2,863,524 2,863,525 2,866,465 2,823,760 2,822,887 2,839,157 2,864,461 2,825,425 2,833,372 2,836,257 2,857,016 2,860,725 2,838,131 2,846,021 2,862,572 2,865,466 2,865,467 45:	183— 23:	2,837,171 2,862,574 2,845,066 2,853,156 2,844,078 2,840,185 2,859,832 2,847,087 2,861,650 2,864,463 2,822,060 2,854,092 2,857,980 2,837,172 2,849,079 2,846,024 2,854,093 2,822,061 2,838,132 2,849,080 2,818,938 2,849,081 2,841,242 2,822,888 2,823,763 2,823,764 2,823,765 2,823,766 2,834,429 2,834,430 2,835,343 2,843,219 2,850,114 2,858,901 2,858,902 2,861,651 2,863,526 114.5:	184— 75:	2,865,467 2,826,266 2,827,129 2,830,677 2,838,133 2,838,134 2,841,243 2,846,025 2,849,082 2,857,018 2,869,833 2,862,575 2,863,527 120:	175.23:	2,862,072	2,852,084	2,855,064	2,819,768	2,857,010	2,818,932	2,836,254	2,842,218	2,852,085	2,856,020	2,854,085	2,854,086	2,827,973	2,833,363	2,849,074	2,853,143	2,826,256	2,833,364	2,833,365	2,845,133	2,857,973	2,838,124	2,857,974	2,862,569	2,831,545	2,833,366	2,841,239	2,843,214	2,845,134	2,854,087	2,857,975	2,861,643	2,829,725	2,830,670	2,863,517	2,825,418	2,833,367	2,853,144	2,854,088	2,824,616	2,847,077	2,819,769	2,824,447	2,826,257	2,826,258	2,827,123	2,827,974	2,827,975	2,827,976	2,828,829	2,829,726	2,837,167	2,838,125	2,841,231
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184—	105:	2, 839, 162	188—	18:	2, 844, 219	188—	78:	2, 852, 106	188—	198:	2, 838, 141	189—	34:	2, 865, 476	190—	4:	2, 832, 447
		2, 856, 025			2, 849, 087			2, 852, 107			2, 838, 142		35:	2, 832, 446		28:	2, 828, 844
		2, 856, 026			2, 862, 578			2, 859, 839		205:	2, 846, 032			2, 840, 200			2, 829, 745
	106:	2, 833, 375		20:	2, 864, 465		79: 5:	2, 820, 531			2, 857, 990			2, 843, 230		41:	2, 841, 257
		2, 841, 245		24:	2, 864, 466			2, 842, 229			2, 860, 739			2, 848, 077		42:	2, 847, 100
185—	37:	2, 829, 737		29:	2, 828, 833		82: 2:	2, 849, 089		206:	2, 834, 439		36:	2, 820, 533		43:	2, 819, 776
		2, 835, 344		32:	2, 818, 940		82: 4:	2, 844, 225		210:	2, 838, 143			2, 822, 897			2, 839, 167
		2, 842, 227			2, 822, 063		82: 84:	2, 824, 625			2, 851, 130			2, 822, 898			2, 849, 093
		2, 844, 217			2, 822, 890			2, 865, 471		213:	2, 846, 033			2, 828, 842		49:	2, 862, 586
		2, 855, 070			2, 829, 738		83:	2, 829, 739		216:	2, 827, 986			2, 829, 742			2, 842, 448
		2, 863, 528			2, 835, 349			2, 829, 740		218:	2, 825, 429			2, 829, 743			2, 861, 661
	38:	2, 860, 727			2, 848, 070			2, 832, 443			2, 835, 355			2, 830, 683		51:	2, 837, 185
	39:	2, 836, 260			2, 850, 117			2, 854, 099			2, 837, 180			2, 834, 440		53:	2, 822, 900
	41:	2, 857, 984			2, 851, 127		85:	2, 821, 267			2, 840, 195			2, 835, 358		54:	2, 848, 079
186—	1:	2, 827, 130			2, 858, 905		87:	2, 826, 273			2, 844, 229			2, 838, 145			2, 854, 105
187—	6:	2, 841, 246			2, 858, 906			2, 840, 194			2, 847, 088			2, 839, 165		57:	2, 845, 155
	7:	2, 840, 187			2, 862, 579			2, 855, 075			2, 856, 038			2, 842, 233			2, 852, 114
	8: 41:	2, 827, 979		33:	2, 833, 377			2, 860, 732		223: 1:	2, 826, 279			2, 843, 231	191—	12:	2, 858, 381
		2, 841, 247			2, 840, 190		88:	2, 818, 942			2, 826, 279			2, 844, 233			2, 860, 197
		2, 843, 222			2, 840, 191			2, 828, 836		233: 3:	2, 848, 075			2, 844, 234			2, 864, 907
		2, 857, 985			2, 848, 071			2, 842, 230		234:	Re. 24, 476			2, 853, 160		12: 2:	2, 820, 112
	8: 43:	2, 836, 261			2, 855, 073			2, 844, 226			2, 824, 629			2, 859, 841			2, 825, 767
		2, 852, 100			2, 844, 220			2, 846, 028		243:	2, 858, 914			2, 860, 740		12: 4:	2, 821, 579
	8: 47:	2, 843, 223		38:	2, 842, 228			2, 852, 108		244:	2, 848, 076			2, 860, 741			2, 856, 470
	8: 49:	2, 844, 218		42:	2, 834, 435			2, 856, 035		250:	2, 818, 944			2, 860, 742		23:	2, 830, 136
	8: 5:	2, 849, 084		43:	2, 832, 439			2, 860, 733		251:	2, 821, 270			2, 861, 659			2, 830, 137
	8: 75:	2, 826, 269			2, 856, 030			2, 861, 656			2, 827, 987		36: 5:	2, 820, 534			2, 835, 752
		2, 854, 094		46:	2, 844, 221		90:	2, 827, 133			2, 850, 124		37:	2, 822, 068			2, 838, 620
	9:	2, 821, 264			2, 844, 222			2, 860, 734		252:	2, 835, 356			2, 842, 234			2, 863, 009
		2, 855, 071		52:	2, 832, 440		92:	2, 842, 231		259:	2, 857, 991			2, 860, 743		25:	2, 824, 911
		2, 857, 021		56:	2, 824, 624		93:	2, 851, 123		261:	2, 840, 196			2, 863, 533		33:	2, 839, 621
	10:	2, 832, 435			2, 827, 131		94:	2, 833, 379		264:	2, 821, 271			2, 864, 471		35:	2, 824, 912
		2, 855, 072			2, 827, 984			2, 846, 029			2, 821, 272		39:	2, 857, 027		41:	2, 824, 913
	12:	2, 824, 623			2, 832, 441			2, 853, 159			2, 821, 273		40:	2, 845, 152		44: 1:	2, 831, 071
		2, 832, 436			2, 852, 102		96:	2, 825, 427			2, 822, 894		43:	2, 818, 945			2, 837, 608
		2, 856, 027			2, 852, 103			2, 833, 380			2, 828, 838		46:	Re. 24, 508		48:	2, 838, 621
	17:	2, 835, 345			2, 865, 472			2, 836, 264			2, 828, 839			Re. 24, 558		55:	2, 856, 471
		2, 849, 085			2, 866, 523			2, 858, 910			2, 828, 840			2, 818, 946		58:	2, 847, 521
		2, 851, 125			2, 820, 529		97:	2, 838, 140			2, 835, 357			2, 818, 947	59: 1:	2, 830, 138	
	26:	2, 859, 834		59:	2, 840, 192		100:	2, 821, 268			2, 837, 181			2, 822, 899			2, 834, 841
	29:	2, 826, 270			2, 848, 072			2, 849, 090			2, 844, 230			2, 823, 772			2, 855, 470
		2, 826, 271			2, 856, 031		103:	2, 854, 100			2, 847, 096			2, 824, 630			2, 860, 198
		2, 827, 980			2, 859, 838		106:	2, 818, 943			2, 849, 092			2, 825, 433			2, 864, 908
		2, 827, 981			2, 861, 654			2, 835, 353			2, 850, 125			2, 827, 139		192—	2, 840, 204
		2, 827, 982			2, 866, 524			2, 841, 251			2, 851, 131			2, 835, 359		.02:	2, 846, 134
		2, 828, 832		62:	2, 838, 907			2, 860, 735			2, 851, 132			2, 836, 268		.052:	2, 848, 080
		2, 832, 437			2, 865, 473			2, 860, 736			2, 855, 077			2, 836, 269		.096:	2, 822, 901
		2, 833, 376			2, 864, 467		112:	2, 834, 436			2, 857, 022			2, 837, 183			2, 826, 283
		2, 835, 346		63:	2, 864, 467			2, 834, 437			2, 857, 023			2, 838, 146			2, 834, 442
		2, 835, 347		65: 1:	2, 858, 908			2, 846, 030			2, 857, 024			2, 840, 201		.098:	2, 833, 382
		2, 836, 262		65: 3:	2, 821, 266			2, 848, 074			2, 857, 025			2, 843, 232		2:	2, 839, 168
		2, 838, 136		67:	2, 831, 551			2, 848, 074			2, 857, 992			2, 848, 078			2, 850, 127
		2, 840, 188			2, 839, 164			2, 856, 036			2, 864, 470			2, 850, 126			2, 861, 662
		2, 840, 189			2, 843, 226		140:	2, 824, 626		180—	1:	2, 825, 430		2, 853, 161		3:	2, 822, 902
		2, 841, 248			2, 844, 223			2, 855, 076			2, 852, 109			2, 853, 162			2, 823, 774
		2, 846, 026		69:	2, 825, 426		141:	2, 832, 444			2, 858, 915			2, 856, 040			2, 823, 775
		2, 846, 027			2, 860, 730		151:	2, 824, 627			2, 827, 988		2:	2, 860, 744			2, 826, 284
		2, 847, 089			2, 860, 731			2, 827, 134			2, 832, 445			2, 861, 660			2, 831, 554
		2, 847, 090			2, 827, 985			2, 844, 227			2, 858, 916		49:	2, 859, 842			2, 831, 555
		2, 847, 091			2, 849, 088			2, 847, 094			2, 842, 232		62:	2, 845, 153			2, 837, 186
		2, 854, 095			2, 856, 032			2, 850, 120			2, 852, 110			2, 854, 102			2, 842, 239
		2, 854, 096			2, 857, 989		152:	2, 822, 891			2, 827, 138		64:	2, 834, 441			2, 843, 235
		2, 857, 986			2, 864, 468			2, 826, 274			2, 837, 182		65:	2, 843, 233			2, 844, 235
		2, 857, 987		71:	2, 845, 145			2, 826, 275			2, 841, 252			2, 856, 041			2, 846, 035
		2, 858, 904			2, 850, 118			2, 826, 276			2, 840, 197		66:	2, 823, 773			2, 853, 164
		2, 860, 728		72:	2, 823, 770			2, 826, 277			2, 840, 198		67:	2, 829, 744			2, 854, 106
		2, 861, 653			2, 830, 679			2, 834, 438			2, 847, 097			2, 839, 166			2, 856, 042
		2, 862, 576			2, 830, 680			2, 836, 265			2, 847, 098		72:	2, 826, 282			2, 856, 043
	44:	2, 862, 577			2, 830, 681			2, 843, 227			2, 852, 111			2, 838, 147			2, 860, 746
	48:	2, 826, 272			2, 831, 552			2, 844, 228			2, 857, 993			2, 860, 745			2, 862, 587
		2, 853, 158			2, 854, 097			2, 845, 147			2, 863, 530		73:	2, 842, 235		3: 2:	2, 824, 631
	52:	2, 850, 115			2, 854, 098			2, 845, 148			2, 857, 994		74:	2, 827, 140			2, 824, 632
		2, 859, 835			2, 866, 525			2, 846, 031			2, 863, 531		75:	2, 835, 360			2, 836, 271
	60:	2, 863, 529			2, 820, 530			2, 858, 911			2, 828, 841			2, 840, 202			2, 854, 107
	61:	2, 827, 983		73:	2, 827, 132			2, 864, 469			2, 844, 231			2, 840, 203			2, 859, 844
	66:	2, 860, 729			2, 835, 350		153:	2, 849, 091			2, 857, 026			2, 841, 254			2, 860, 747
	70:	2, 848, 069			2, 835, 351		156:	2, 860, 737			2, 826, 280			2, 842, 236			2, 865, 483
		2, 856, 028			2, 835, 352		162:	2, 825, 428			2, 829, 741			2, 863, 534		3: 5:	2, 826, 285

192—	12:	2,848,082	192—	71:	2,846,039	193—	25:	2,866,531	195—	66:	2,834,713	196—	50:	2,842,482	197—	14:	2,833,387
		2,852,115			2,854,111		27:	2,840,211		78:	2,865,814			2,843,530		16:	2,847,105
	13:	2,863,537			2,864,477		30:	2,821,279		79:	2,820,742			2,844,518			2,861,668
	16:	2,848,083		76:	2,848,084		31:	2,821,280		80:	2,833,696			2,844,519			2,865,486
	18:	2,818,949		80:	2,818,951		32:	2,821,281			2,834,714			2,844,520	17:	2,825,440	
		2,819,779		84:	2,822,905			2,837,194			2,843,526			2,840,361			2,830,688
		2,822,903			2,847,102			2,845,161			2,865,815			2,846,363			2,848,089
		2,823,776			2,848,085			2,846,041		81:	2,843,527			2,846,364			2,856,052
		2,824,633			2,851,138			2,863,546		96:	2,824,045			2,846,365			2,858,002
		2,825,434			2,857,030		34:	2,821,282			2,838,443			2,846,366			2,858,924
		2,827,990			2,857,998		35:	2,818,954		100:	2,844,515			2,847,359			2,858,925
		2,834,444			2,861,664			2,822,073		103.5:	Re.24,557			2,847,360			2,861,669
		2,838,150			2,861,665			2,825,439			2,865,816			2,847,361			2,862,591
		2,840,205			2,862,590			2,858,000		109:	2,828,245			2,847,362			2,842,244
		2,843,236			2,864,478		37:	2,851,140			2,828,246			2,847,363	19:	2,843,243	
		2,853,165			2,865,480		39:	2,829,752		114:	2,842,481			2,848,377			2,848,090
		2,857,996		85:	2,823,777			2,865,484		115:	2,822,319			2,849,376			2,859,850
		2,859,845			2,837,192			2,865,485		116:	2,866,738			2,849,377			2,860,756
		2,860,748			2,854,112		40:	2,842,243		143:	2,847,352			2,849,378			2,862,541
		2,862,589			2,857,031		41:	2,823,780		196—	1:	2,841,533			2,849,379	20:	2,825,441
21.5:		2,822,070			2,858,919		42:	2,836,277			8:	2,821,502			2,850,436		2,842,245
		2,824,634			2,864,479		43:	2,852,171			14:	2,825,677			2,851,398		2,854,117
		2,829,747		86:	2,822,072			2,852,171			2,847,366			2,851,399			2,854,118
		2,832,449		87:	2,853,167			2,840,212			2,853,435			2,852,442			2,859,851
		2,835,362		88:	2,856,047			2,853,170		14.11:	2,847,353			2,853,436	22:	2,859,852	
		2,840,206		89:	2,852,116			2,853,171		14.26:	2,851,395			2,853,436	25:	2,854,119	
		2,845,157			2,858,920			2,853,171		14.27:	2,840,511			2,853,437	27:	2,818,957	
		2,847,101		91:	2,864,480	194—	1:	2,821,283			2,847,354		52:	2,825,678			2,843,244
		2,851,136			2,865,481		2:	2,822,074		14.42:	2,846,354			2,827,421	28:	2,857,033	
		2,863,538		93:	2,820,538			2,853,172		14.46:	2,934,715			2,827,422	36:	2,862,592	
22:	2,825,435				2,827,994		4:	2,818,955			2,850,431			2,829,087	47:	2,833,388	
26:	2,822,904				2,842,241			2,840,213			2,852,435			2,831,800	49:	2,864,482	
	2,829,748				2,848,086			2,856,051			2,853,427			2,834,719	53:	2,838,156	
30.5:	2,820,536				2,856,048		9:	2,839,173			2,843,531			2,839,699	55:	2,846,043	
	2,821,276				2,825,445			2,840,214		14.47:	2,847,355			2,844,521	63:	2,864,483	
	2,825,436				2,818,952		99:	2,863,547		14.52:	2,851,396			2,844,522	64:	2,829,754	
	2,836,272				2,840,208			2,843,242			2,861,027			2,844,523	70:	2,852,120	
	2,850,128				2,823,778		10:	2,846,042		15:	2,830,012			2,845,383	74:	2,854,120	
	2,863,539				2,836,274			2,850,133		16:	2,822,320			2,846,367	80:	2,855,083	
31:	2,857,028				2,837,193			2,853,173		17:	2,834,716			2,846,368	84:	2,831,558	
33:	2,860,749				2,853,168			2,854,164		18:	2,823,172			2,846,369			2,848,091
34:	2,857,997				2,855,080		15:	2,850,134			2,846,355			2,846,370			2,852,121
35:	2,853,166				2,863,543			2,850,135			2,848,372			2,846,371			2,860,757
	2,866,528				2,863,544		18:	2,831,557		19:	2,847,356			2,846,372			2,862,595
36:	2,864,475				2,863,545		54:	2,839,174		20:	2,850,432			2,848,378			2,865,488
37:	2,839,169				2,823,779			2,853,174		22:	2,851,397			2,848,379	85:	2,818,958	
40:	2,843,237				2,825,437			2,861,667		23:	2,831,799			2,848,380	94:	2,818,959	
41:	2,833,383				2,832,452		57:	2,823,782		24:	2,819,202			2,849,381	102:	2,849,095	
43.1:	2,836,273				2,833,384			2,832,453			2,837,465			2,849,382	107:	2,835,369	
44:	2,845,158				2,836,275			2,858,921			2,840,512			2,849,383	123:	2,819,781	
	2,850,129				2,840,209		58:	2,859,849			2,840,513			2,850,437			2,831,559
	2,860,750				2,846,040		61:	2,847,103			2,846,356			2,851,401			2,841,264
45:	2,827,991				2,850,131		72:	2,837,195			2,849,372			2,851,402			2,843,245
	2,835,363				2,852,117		74:	2,860,752			2,852,436			2,851,403	125:	2,858,926	
	2,835,364				2,859,847		78:	2,818,956			2,852,437			2,852,443	126:	2,846,044	
	2,843,238				2,829,750			2,860,753			2,853,429			2,853,438	127:	2,832,454	
	2,865,479				2,835,367		79:	2,863,548		28:	2,830,013			2,853,439	128:	2,818,960	
45.1:	2,820,537				2,851,139		80:	2,858,001			2,833,698		53:	2,832,724			2,827,145
	2,822,905				2,855,081		83:	2,860,754			2,830,938			2,839,550			2,831,560
	2,824,635				2,856,049			2,860,755			2,833,698			2,847,364			2,836,279
	2,824,636				2,864,481		92:	2,840,215			2,834,717			2,851,404			2,843,246
	2,827,992				2,833,385		99:	2,827,996			2,835,629			2,847,364			2,858,003
	2,832,450				2,862,118		101:	2,822,075			2,839,449			2,851,405			2,863,549
	2,834,445				2,856,050			2,829,753			2,843,528		55:	2,824,046	130:	2,837,196	
	2,837,188				2,853,109		102:	2,823,783			2,844,516			2,837,467	131:	2,828,847	
	2,837,189				2,822,907			2,839,175			2,844,517			2,843,532	133:	2,819,782	
	2,856,045				2,828,846		2:	2,833,694			2,845,382			2,844,524			2,832,455
45.2:	2,845,159				2,826,286	195—	2:	2,841,531		29:	2,823,173			2,840,373			2,832,456
46:	2,858,918				2,830,686		3:	2,844,513			2,828,247			2,846,374			2,839,176
48:	2,818,950				2,843,239			2,861,921			2,848,373			2,847,365			2,840,217
	2,822,071				2,844,239		4:	2,863,805			2,848,374			2,848,381			2,841,265
	2,846,038				2,854,113		6:	2,857,316			2,849,373			2,848,382			2,842,246
	2,854,110				2,827,995			2,857,317			2,850,433			2,849,384			2,842,247
	2,866,529				2,857,999			2,864,746			2,853,428			2,852,444			2,842,248
	2,832,451				2,865,482		7:	2,821,501			2,853,430		63:	2,847,366			2,842,249
	2,839,170				2,843,240		30:	2,841,532			2,853,431		104:	2,857,325			2,842,250
	2,841,259				2,854,114			2,844,514			2,837,466		110:	2,848,383			2,843,247
53:	2,864,476				2,860,751		32:	2,857,318		31:	2,849,374		147:	2,834,721			2,851,142
54:	2,841,260				2,848,087		36:	2,830,934			2,846,357			2,848,384			2,860,758
55:	2,855,079				2,850,132			2,831,797			2,850,434			2,849,385			2,862,596
56:	2,829,749				2,854,115			2,861,922			2,853,432			2,849,385			2,863,549
	2,835,365				2,836,276			2,865,812		35:	2,846,358			2,850,439			2,864,484
	2,837,190				2,818,953		51:	2,819,200		39:	2,848,375		149:	2,828,248	134:	2,821,284	
	2,842,240				2,824,637			2,822,318			2,849,375			2,838,447	135:	2,820,539	
	2,856,046				2,827,143			2,823,170			2,852,438			2,842,483			

197—	176: 2,818,961 2,854,122	198—	31: 2,827,150 2,827,998 2,829,757 2,830,691 2,833,391 2,835,374 2,835,375 2,838,160 2,842,253 2,846,046 2,847,107 2,851,146 32: 2,818,964 2,823,787 2,829,758 2,838,161 2,840,220 2,849,098 2,857,037 2,859,855 2,860,762 33: 2,819,787 2,823,788 2,825,442 2,828,850 2,829,759 2,829,760 2,829,761 2,832,457 2,832,458 2,832,459 2,832,460 2,832,461 2,836,281 2,836,282 2,837,200 2,840,221 2,840,222 2,843,251 2,843,252 2,843,253 2,843,254 2,845,164 2,845,165 2,847,108 2,849,099 2,850,142 2,850,143 2,851,147 2,852,125 2,853,176 2,856,057 2,856,058 2,857,038 2,857,039 2,858,008 2,858,990 2,859,856 2,859,857 2,860,763 2,860,764 2,863,552 2,864,485 34: 2,827,999 2,835,376 2,840,223 2,840,224 2,842,254 2,849,100 2,850,144 2,856,059 2,856,060 2,858,009 2,859,858 35: 2,828,000 2,830,692 2,847,109 2,847,110 2,853,177 2,857,040 2,859,859 2,861,671 37: 2,827,151 2,832,462 2,842,255 38: 2,849,101 39: 2,848,097 40: 2,834,450 2,858,010 41: 2,824,638 2,847,111 2,848,098 42: 2,822,076 45: 2,848,099 54: 2,840,225 2,840,226 57: 2,847,112 2,850,145 2,866,536 62: 2,833,392 64: 2,858,011 78: 2,830,693 82: 2,831,565 2,849,102	198—	84: 2,821,285 2,827,152 2,838,162 85: 2,833,393 2,838,163 2,839,178 2,853,178 2,861,672 94: 2,851,148 2,862,603 95: 2,860,765 98: 2,837,201 99: 2,834,451 100: 2,848,100 104: 2,849,103 2,854,125 2,859,860 109: 2,828,851 2,836,283 2,850,146 2,850,147 2,856,061 2,859,861 110: 2,844,241 119: 2,856,062 120.5: 2,842,256 2,846,047 2,846,048 121: 2,831,566 123: 2,858,012 127: 2,822,077 2,827,153 2,828,852 2,836,284 2,860,766 128: 2,827,154 2,827,155 2,857,041 2,859,862 2,865,491 129: 2,845,166 2,846,049 131: 2,823,789 2,828,001 2,839,179 2,840,227 134: 2,821,286 135: 2,847,113 2,859,863 136: 2,852,126 137: 2,818,962 2,856,063 139: 2,822,913 2,826,290 2,842,257 2,846,050 2,846,051 2,851,149 2,859,856 2,859,857 2,860,763 2,860,764 2,863,552 2,864,485 153: 2,828,002 155: 2,854,126 158: 2,821,287 2,821,288 2,822,914 160: 2,850,148 2,858,931 162: 2,836,285 2,862,605 164: 2,864,486 165: 2,833,394 2,841,270 2,857,042 2,861,673 2,862,606 167: 2,826,291 2,846,052 168: 2,844,242 171: 2,820,540 2,863,554 172: 2,828,853 174: 2,822,915 175: 2,846,053 176: 2,848,101 2,865,492 2,865,493 177: 2,821,289 2,826,292 2,830,694 2,836,286 2,855,090 180: 2,861,674 181: 2,848,102 2,850,149 2,855,092 2,861,675 2,866,537 182: 2,818,965 2,855,091 2,862,602	198—	183: 2,829,762 186: 2,851,150 2,852,128 189: 2,824,639 2,844,243 2,852,129 2,866,538 191: 2,821,290 2,832,463 2,838,164 2,854,127 2,865,494 192: 2,818,966 2,820,541 2,831,567 2,833,395 2,837,202 2,851,151 2,862,607 2,862,608 193: 2,851,152 2,855,093 2,862,609 196: 2,823,790 2,850,150 2,864,487 198: 2,856,064 2,856,065 201: 2,839,180 2,839,181 2,864,488 202: 2,821,291 2,828,854 2,847,114 2,854,128 203: 2,853,179 2,863,555 2,864,489 204: 2,837,203 2,854,129 2,857,043 208: 2,828,003 2,834,452 2,837,204 2,851,153 2,852,130 2,858,936 2,865,495 209: 2,822,078 2,837,205 2,857,044 210: 2,834,453 2,849,104 213: 2,825,443 2,827,156 2,829,763 2,830,695 2,838,396 2,842,258 2,845,167 2,848,103 2,849,105 218: 2,820,542 2,861,676 219: 2,818,967 2,828,004 220: 2,818,968 2,819,788 2,821,292 2,827,157 2,827,158 2,830,696 2,831,568 2,832,464 2,843,255 2,845,168 2,845,169 2,853,180 2,854,130 221: 2,838,165 224: 2,822,079 2,823,791 2,831,569 2,834,454 2,847,115 2,859,864 230: 2,854,131 2,855,094 232: 2,827,159 2,840,054 2,853,181 2,861,677 199—	200—	1: 2,823,271 2,830,139 2,849,547 4: 2,846,528 5: 2,819,356 2,824,914 2,831,072 2,832,849 2,832,850 2,835,753 2,835,754 2,836,666 2,841,659 2,845,498 2,851,545 2,855,471 2,858,382 2,863,010 2,866,860 6: 2,820,113 2,823,272 2,828,370 2,831,073 2,832,851 2,833,872 2,838,622 2,845,499 2,847,522 2,849,548 2,849,549 2,854,533 2,855,472 2,857,485 2,858,383 2,858,384 2,853,563 9: 2,831,074 11: 2,834,842 2,838,623 2,845,500 2,847,523 2,848,567 2,848,568 2,853,564 2,866,861 14: 2,841,660 2,845,501 2,821,581 2,822,435 2,823,273 2,824,180 2,828,371 2,836,667 2,837,009 2,840,650 2,841,661 2,846,529 2,853,565 17: 2,821,580 2,828,372 2,833,873 2,834,843 2,841,662 18: 2,821,582 2,828,373 2,831,075 2,832,852 2,837,610 2,841,663 2,841,664 2,859,290 2,863,959 2,863,960 19: 2,820,114 2,828,374 2,855,473 21: 2,820,856 23: 2,832,853 24: 2,821,583 2,825,768 2,830,140 2,832,854 2,839,622 2,852,628 2,856,472 25: 2,853,566 2,866,020 27: 2,825,769 2,844,670 2,848,569 2,863,011 28: 2,821,584 30: 2,820,115 2,820,857 2,835,755 2,851,546 2,854,534 2,856,473 31: 2,820,858 2,830,141 2,831,076 2,832,855 2,845,502	200—	31: 2,853,567 32: 2,848,570 2,853,568 2,855,471 33: 2,825,770 2,831,077 2,838,624 2,839,623 2,841,665 2,849,550 2,851,547 2,858,386 34: 2,825,771 2,855,475 2,866,862 35: 2,824,181 37: 2,820,850 2,825,772 2,831,078 2,843,685 38: 2,821,585 2,826,650 2,828,375 2,830,142 2,835,854 2,839,624 2,840,651 2,842,626 2,847,525 2,849,551 2,850,586 2,855,477 2,858,387 2,858,388 2,861,138 39: 2,866,021 2,820,860 2,820,861 2,826,651 2,832,856 42: 2,824,915 2,832,857 2,846,530 2,847,526 2,849,552 43: 2,844,671 44: 2,830,143 2,850,587 2,856,474 2,862,073 45: 2,819,357 46: 2,824,182 2,825,773 2,827,522 2,828,376 2,833,875 2,852,629 2,860,199 2,860,200 2,864,909 47: 2,832,858 2,838,625 2,848,571 2,849,553 2,852,630 2,866,863 48: 2,820,862 2,825,774 2,830,144 2,830,145 2,831,079 2,831,931 2,831,932 2,832,859 2,835,756 2,849,554 50: 2,821,586 2,824,916 2,825,775 2,832,860 2,840,652 2,840,653 2,841,666 2,843,686 2,848,572 2,849,555 2,819,356 2,851,548 2,858,389 2,861,139 2,863,012 2,866,864 2,866,865 51: 2,859,291 2,860,201 51.02: 2,851,550 51.03: 2,833,876 51.09: 2,824,183 2,826,652 2,827,523 2,844,672 2,857,486
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200—51.09: 2,862,074	200—61.89: 2,838,628	200— 84: 2,819,363	200— 90: 2,831,936	200— 109: 2,822,445	200— 122: 2,828,389
51.1: 2,819,358	2,853,572	2,820,865	2,842,636	2,824,925	2,830,155
2,838,626	2,863,962	2,824,187	2,844,083	2,849,571	2,833,889
2,838,627	2,849,557	2,832,865	2,855,508	2,851,567	2,835,766
51.11: 2,852,631	65: 2,823,278	2,851,566	2,848,578	2,860,207	2,840,666
51.14: 2,826,653	67: 2,819,362	2,855,479	2,849,562	110: 2,824,926	2,840,667
2,851,551	2,820,864	2,857,492	2,849,503	2,831,942	2,842,642
52: 2,819,359	2,821,587	2,862,077	91: 2,831,937	2,866,873	2,847,536
2,839,625	2,821,588	2,866,866	2,833,883	112: 2,826,659	2,848,580
2,842,628	2,821,589	2,836,072	2,833,884	2,830,153	2,851,556
2,844,673	2,822,437	2,842,633	2,849,564	2,838,632	2,852,640
2,845,503	2,822,438	2,843,692	2,859,299	2,844,687	2,854,548
2,855,478	2,825,778	2,843,693	92: 2,845,509	2,844,688	2,859,305
56: 2,819,360	2,825,779	10: 2,841,541	2,864,911	2,856,486	2,860,211
2,823,277	2,825,780	2,823,279	2,864,912	2,859,303	2,866,039
2,839,626	2,826,657	2,843,694	2,866,869	113: 2,819,365	2,821,602
2,843,687	2,829,214	2,843,695	2,821,597	2,820,120	2,859,307
2,846,531	2,831,081	2,857,493	2,823,282	2,825,785	2,863,966
2,846,532	2,839,628	2,858,394	2,825,783	2,828,385	2,866,874
2,851,552	2,839,629	2,822,441	2,827,529	2,828,386	125: 2,851,557
2,854,535	2,840,656	2,824,921	2,830,152	2,831,085	127: 2,840,668
2,856,475	2,840,657	2,828,379	2,832,866	2,831,943	2,846,544
2,861,140	2,842,632	2,856,482	2,832,867	2,839,633	130: 2,852,641
2,866,022	2,844,676	2,860,024	2,844,084	2,839,634	131: 2,827,532
60: 2,852,632	2,844,677	87: 2,820,118	2,846,542	2,840,664	2,828,390
2,852,633	2,845,504	2,821,594	2,848,579	2,841,671	2,830,156
2,852,634	2,846,538	2,822,442	2,850,595	2,842,638	2,832,868
61.04: 2,856,476	2,847,528	2,822,443	2,854,547	2,846,543	2,833,890
61.06: 2,866,023	2,847,529	2,823,280	2,856,483	2,853,580	2,833,891
61.07: 2,842,629	2,849,558	2,823,281	2,861,145	2,860,208	2,839,308
61.08: 2,835,758	2,853,573	2,824,188	2,866,028	2,860,209	2,861,150
61.11: 2,858,390	2,854,536	2,825,782	2,866,870	2,861,149	2,863,967
61.13: 2,820,863	2,854,540	2,827,527	94: 2,829,217	113.5: 2,838,633	2,866,040
2,836,668	2,861,142	2,827,528	95: 2,859,300	114: 2,820,867	2,866,875
61.15: 2,843,688	2,861,143	2,827,531	97: 2,828,382	2,820,868	132: 2,864,916
61.16: 2,844,674	2,863,016	2,828,380	2,855,481	2,822,446	133: 2,821,603
61.18: 2,824,184	2,863,963	2,828,381	2,856,484	2,824,190	2,826,661
61.19: 2,844,675	68: 2,831,082	2,829,216	2,857,763	2,824,927	2,831,087
61.21: 2,826,654	2,848,574	2,830,148	2,838,630	2,829,218	2,831,088
2,851,553	70: 2,822,439	2,830,149	2,849,565	2,831,944	2,836,682
61.23: 2,834,844	2,862,075	2,831,934	2,849,566	2,835,764	2,839,636
61.27: 2,828,377	74: 2,822,440	2,833,881	2,853,576	2,836,677	2,846,545
2,846,533	77: 2,848,575	2,833,882	2,856,484	2,836,678	2,848,581
61.29: 2,831,080	80: 2,821,590	2,834,846	2,863,018	2,836,679	2,851,558
61.34: 2,848,573	2,821,591	2,834,847	2,866,029	2,836,680	2,854,549
2,863,013	2,829,215	2,835,761	2,841,669	2,836,681	135: 2,821,604
61.37: 2,830,146	2,832,864	2,836,672	2,863,019	2,838,634	2,847,537
61.39: 2,827,524	2,833,879	2,836,673	103: 2,862,078	2,842,639	2,858,396
2,846,534	2,836,670	2,836,674	2,866,871	2,842,640	2,864,917
61.4: 2,835,757	2,845,505	2,836,675	104: 2,820,866	2,842,641	2,832,870
61.41: 2,822,436	2,846,539	2,837,612	2,821,598	2,843,702	2,866,489
2,843,689	2,846,540	2,839,631	2,824,189	2,843,703	137: 2,829,220
2,853,569	2,846,541	2,839,632	2,824,923	2,843,704	2,847,538
2,854,538	2,847,530	2,840,659	2,824,924	2,847,535	2,850,597
2,861,141	2,849,559	2,840,660	2,825,784	2,849,572	2,851,559
61.42: 2,819,361	2,849,560	2,840,661	2,826,658	2,862,080	2,853,582
2,853,570	2,850,592	2,841,668	2,827,530	2,863,021	138: 2,819,366
61.43: 2,843,690	2,851,555	2,842,634	2,831,938	2,866,032	2,819,367
61.44: 2,846,535	2,856,478	2,843,696	2,831,939	2,820,869	2,820,870
2,847,527	2,856,479	2,843,697	2,833,885	2,824,928	2,823,283
61.45: 2,820,116	2,857,488	2,843,698	2,844,080	2,831,945	2,824,193
2,842,630	2,857,489	2,843,699	2,844,081	2,800,210	2,824,194
2,851,554	2,857,490	2,843,700	2,844,082	2,828,387	2,824,933
2,854,539	2,858,392	2,847,531	2,849,567	2,840,665	2,825,786
2,863,961	2,859,294	2,849,561	2,852,639	2,849,573	2,827,533
61.46: 2,825,776	2,859,295	2,850,593	2,837,613	2,866,033	2,830,157
2,830,147	2,863,017	2,850,594	2,841,670	2,866,034	2,831,089
2,834,808	81: 2,853,574	2,852,637	2,842,637	116: 2,821,601	2,832,869
2,840,715	81.5: 2,825,781	2,854,541	2,843,701	2,824,191	2,833,892
2,843,691	2,831,083	2,854,542	2,844,085	2,824,929	2,833,893
2,850,588	2,834,845	2,854,543	2,844,086	2,824,930	2,834,853
2,853,571	2,844,678	2,854,544	2,849,567	2,824,931	2,839,637
2,859,292	2,848,576	2,854,545	2,852,639	2,824,932	2,839,638
61.47: 2,850,589	81.9: 2,821,592	2,855,480	2,853,577	2,828,388	2,839,639
2,859,293	2,824,918	2,857,494	2,853,578	2,829,219	2,839,640
2,863,014	2,841,667	2,859,297	2,855,482	2,830,154	2,849,575
61.48: 2,864,910	2,852,635	2,859,298	2,856,485	2,831,086	2,849,576
61.5: 2,833,878	2,852,636	2,860,024	2,859,301	2,833,887	2,855,484
2,854,537	2,853,575	2,866,025	2,859,302	2,833,888	2,855,485
61.51: 2,826,655	82: 2,831,084	2,866,867	2,860,206	2,836,682	2,856,489
61.52: 2,839,627	2,831,933	2,821,595	2,861,146	2,844,089	2,861,151
2,858,391	2,840,658	2,822,444	2,861,147	2,844,690	2,863,024
61.53: 2,835,759	2,844,679	2,824,922	2,863,020	2,853,581	2,863,025
2,850,590	2,856,480	2,830,150	2,864,913	2,856,487	2,864,918
61.54: 2,824,917	2,858,393	2,830,151	2,866,030	2,859,304	2,866,041
2,832,862	2,859,296	2,831,935	105: 2,821,599	2,863,022	2,866,042
2,863,015	2,860,203	2,833,762	2,831,941	2,863,023	139: 2,835,767
61.56: 2,829,212	2,861,144	2,842,635	2,834,851	2,863,965	2,848,582
61.57: 2,850,591	2,862,076	2,844,681	2,847,534	2,864,914	2,863,968
61.58: 2,827,525	83: 2,820,117	2,844,682	2,849,568	2,864,915	2,866,035
2,860,202	2,821,593	2,845,507	2,861,148	2,866,036	2,820,121
61.62: 2,826,656	2,824,186	2,847,532	2,862,079	117: 2,834,852	2,822,447
2,840,655	2,824,919	2,847,533	2,833,886	118: 2,839,635	2,824,195
61.67: 2,842,631	2,824,920	2,848,577	2,840,662	2,849,574	2,827,534
61.72: 2,825,777	2,827,526	2,854,546	2,850,596	120: 2,826,660	2,828,391
61.79: 2,828,378	2,833,880	2,863,964	2,863,965	2,837,614	2,831,091
2,856,477	2,836,671	2,866,026	2,866,872	2,844,691	2,833,894
61.8: 2,840,654	2,837,611	2,866,027	2,866,873	2,856,488	2,835,768
61.81: 2,824,185	2,838,629	2,866,868	2,828,383	2,866,037	2,835,769
61.82: 2,835,760	2,839,630	2,843,699	2,840,663	2,866,038	2,837,615
61.86: 2,857,487	2,851,564	2,852,638	2,849,569	121: 2,855,483	2,840,669
61.88: 2,829,213	2,856,485	2,858,395	2,849,570	122: 2,824,192	2,846,546
61.89: 2,832,863	2,857,491	2,860,205			

200— 140: 2,849,577 2,850,598 2,852,642 2,853,583 2,855,486 2,862,081 142: 2,832,871 144: 2,822,448 2,824,934 2,830,158 2,832,872 2,836,683 2,839,641 2,842,643 2,845,510 2,847,540 2,854,550 2,861,152 2,863,026 2,863,027 2,863,969 2,864,919 2,866,043 145: 2,824,196 2,838,636 2,838,637 2,840,670 2,843,705 2,859,309 146: 2,824,935 2,824,936 2,835,768 2,836,684 2,838,638 2,840,671 2,849,578 2,849,579 2,854,551 2,861,153 2,866,044 147: 2,820,122 2,821,606 2,822,449 2,831,946 2,831,947 2,836,685 2,849,580 148: 2,821,607 2,824,937 2,828,392 2,829,221 2,833,896 2,834,855 2,834,856 2,843,706 2,866,045 149: 2,820,123 2,853,584 150: 2,821,608 2,835,769 2,847,541 2,850,599 2,850,600 152: 2,855,487 2,819,368 2,823,284 2,830,159 2,830,160 2,850,310 2,864,920 153: 2,823,285 2,836,686 2,851,560 2,852,643 2,859,311 154: 2,825,787 155: 2,840,672 156: 2,843,707 157: 2,840,673 158: 2,854,552 159: 2,831,092 2,850,601 2,860,212 160: 2,820,124 2,831,093 161: 2,860,213 162: 2,824,938 2,845,512 163: 2,840,674 2,841,672 2,848,583 2,863,970 164: 2,845,513 2,859,312 2,866,046 165: 2,826,662 166: 2,820,125 2,820,126 2,821,609 2,821,610 2,822,450 2,823,286 2,824,939 2,827,535 2,828,393	200— 166: 2,832,873 2,833,897 2,834,857 2,837,616 2,841,673 2,843,708 2,843,709 2,846,547 2,847,542 2,848,584 2,850,602 2,851,561 2,851,562 2,854,553 2,854,554 2,856,491 2,856,492 2,861,154 2,861,155 2,862,082 2,862,083 2,864,921 2,864,922 2,864,923 2,866,047 167: 2,854,555 2,863,028 2,863,971 168: 2,822,451 2,828,394 2,829,222 2,831,948 2,833,898 2,836,687 2,837,617 2,842,644 2,849,581 2,850,603 2,851,563 2,855,488 2,859,313 2,861,156 2,862,084 2,862,085 169: 2,835,770 170: 2,829,223 2,836,688 2,866,048 172: 2,824,197 2,835,771 2,846,548 2,848,585 2,853,585 201— 48: 2,820,871 2,824,198 2,826,663 2,826,664 2,831,094 2,832,874 2,833,899 2,835,772 2,835,773 2,836,689 2,836,690 2,840,675 2,841,674 2,842,645 2,845,514 2,846,549 2,846,550 2,846,551 2,846,552 2,850,604 2,851,568 2,852,644 2,855,489 2,857,495 2,861,157 2,861,158 2,862,086 2,863,029 2,863,972 2,864,924 2,866,049 2,866,050 2,866,051 2,866,052 2,866,053 2,866,876 2,866,877 50: 2,851,569 51: 2,820,872 2,822,452 2,828,395 2,842,646 2,843,710 2,850,605 2,862,087 2,863,973 55: 2,827,536 2,829,224 2,836,691 2,839,642 2,842,647	201— 55: 2,846,553 2,855,490 2,857,496 2,858,397 2,859,314 2,859,315 2,862,088 2,863,030 2,866,054 2,866,055 56: 2,830,161 2,831,095 2,839,643 2,850,606 2,853,586 2,856,493 2,859,316 2,860,214 2,866,056 57: 2,852,645 2,852,646 59: 2,823,287 2,860,215 60: Re.24,531 2,820,873 2,852,647 62: 2,823,288 2,829,225 2,831,949 2,833,900 2,833,901 2,841,675 2,841,676 2,850,607 2,850,608 2,857,497 2,860,216 2,860,217 2,862,098 2,863,031 63: Re.24,436 2,828,396 2,829,226 2,831,950 2,832,875 2,834,858 2,835,774 2,836,692 2,836,693 2,837,618 2,837,619 2,837,620 2,838,639 2,839,644 2,839,645 2,839,646 2,841,677 2,842,648 2,844,692 2,844,693 2,845,515 2,847,543 2,847,544 2,848,586 2,848,587 2,851,570 2,852,648 2,853,587 2,845,514 2,846,549 2,855,491 2,855,492 2,856,494 2,856,495 2,857,498 2,858,398 2,858,399 2,858,400 2,859,317 2,859,318 2,859,319 2,859,320 2,860,218 2,860,219 2,860,220 2,860,221 2,860,222 2,860,223 2,861,159 2,861,160 2,861,161 2,862,090 2,863,032 2,863,033 2,863,034 2,863,035 2,863,974 2,863,975 2,864,925 2,866,057 2,866,058 2,866,059 2,866,060 2,866,062 2,866,878 2,866,879 64: 2,839,647	201— 66: 2,858,401 2,862,091 67: 2,824,199 2,831,951 2,840,676 2,844,694 2,846,536 2,846,537 2,851,571 2,851,572 2,854,556 2,861,162 69: 2,839,648 2,849,582 2,856,496 2,858,402 72: 2,861,163 73: 2,833,902 2,843,711 2,849,583 2,855,493 2,859,321 2,859,322 2,864,926 2,866,061 2,858,403 202— 3: 2,841,534 6: 2,832,725 9: 2,822,321 14: Re.24,574 2,844,525 22: 2,843,533 23: 2,839,451 26: 2,825,679 27: 2,844,526 2,861,028 31: 2,819,204 2,824,047 37: 2,865,817 39: 2,852,446 2,861,023 39.5: 2,819,205 2,820,743 2,826,535 2,828,249 2,836,545 2,842,484 2,848,386 2,854,385 2,862,853 2,862,854 2,865,818 2,866,536 40: 2,833,700 42: 2,824,048 2,824,049 2,831,801 2,836,546 2,839,452 2,841,535 2,844,527 2,845,384 2,846,376 2,848,387 2,856,331 2,859,154 2,862,855 2,862,856 2,862,857 2,865,819 46: 2,820,001 2,841,536 2,847,368 2,855,344 2,859,155 2,866,739 51: 2,858,254 52: 2,833,701 2,837,468 56: 2,829,088 2,841,537 57: 2,821,503 2,824,050 2,826,537 2,827,423 2,836,547 2,840,515 2,850,440 2,861,924 2,862,858 61: 2,856,332 64: 2,843,534 69: 2,824,051 70: 2,822,322 73: 2,837,469 108: 2,865,820 120: 2,847,369 141: 2,845,385 142: 2,863,807 151: 2,829,089 153: 2,819,206 2,849,386 158: 2,863,808 160: 2,851,404 170: 2,823,174	202— 170: 2,860,088 174: 2,822,323 2,842,485 181: 2,832,726 200: 2,825,080 205: 2,843,535 2,848,388 2,855,345 2,861,926 219: 2,838,255 223: 2,839,453 227: 2,827,424 2,837,470 2,857,319 234: 2,820,744 2,843,536 2,848,389 235: 2,855,346 248: 2,820,002 2,855,347 262: 2,821,504 266: 2,824,827 267: 2,839,454 268: 2,853,440 203— 1: 2,842,259 65: 2,823,792 75: 2,834,455 125: 2,849,106 142: 2,831,570 150: 2,836,287 220: 2,819,789 2,826,293 204— 1: 2,822,324 2,829,090 2,857,320 2,861,926 2,862,859 2,864,747 1.5: 2,830,939 2,832,727 2,832,728 2,834,722 2,835,630 2,836,548 2,841,538 2,841,539 2,849,348 2,853,441 2,859,156 2,864,748 2: 2,858,256 2,865,821 6: 2,846,377 2,831,802 10: 2,824,052 2,852,447 12: 2,846,378 14: 2,820,745 2,849,349 15: 2,823,175 2,834,723 2,849,350 2,854,386 2,854,387 2,861,029 16: 2,820,746 17: 2,833,702 18: 2,847,370 20: 2,824,828 2,834,724 2,848,390 23: 2,844,528 24: 2,826,538 25: 2,846,379 26: 2,822,325 2,859,157 28: 2,825,681 2,828,250 2,839,455 2,844,529 2,853,442 20: 2,852,448 2,855,348 2,856,333 2,856,334 32: 2,829,091 33: 2,847,371 35: 2,827,425 2,837,471 37: 2,820,747 2,821,505 2,847,372 2,859,158 38: 2,819,207 2,819,208 2,825,682 2,848,391 2,850,441 39: 2,828,251 40: 2,844,530 42: 2,851,405 43: Re.24,582 2,822,326 2,824,829	204— 43: 2,825,683 2,831,803 2,832,729 2,834,725 2,840,517 2,833,703 2,838,448 2,849,351 2,849,352 2,854,388 2,859,159 2,861,927 45: 2,823,176 2,824,830 47: 2,866,740 48: 2,842,486 49: 2,828,252 2,830,014 2,836,549 2,837,472 2,839,456 2,839,457 2,839,458 2,839,459 2,839,460 2,842,487 2,848,392 2,849,353 2,852,449 50: 2,833,705 2,848,393 2,862,860 51: 2,830,015 2,836,550 2,841,540 2,841,541 2,846,380 52: 2,825,684 2,840,518 2,841,542 2,842,488 2,848,394 2,852,450 2,853,443 2,854,389 2,858,257 2,861,928 2,861,929 2,862,861 54: 2,846,381 55: 2,847,373 2,860,089 58: 2,855,350 2,855,351 59: 2,820,748 2,841,543 2,855,353 60: 2,829,092 2,832,730 2,848,395 2,848,396 62: 2,841,544 64: 2,821,506 2,824,053 2,830,940 2,832,731 2,833,704 2,833,706 2,834,727 2,845,386 2,845,387 2,848,397 2,856,335 2,858,258 2,861,030 2,864,749 66: 2,829,093 67: 2,859,160 68: 2,850,442 71: 2,850,443 72: 2,865,822 74: 2,835,631 2,852,451 75: 2,846,382 80: 2,829,094 82: 2,830,941 2,834,726 2,840,519 2,843,537 2,846,383 87: 2,842,489 96: 2,833,707 2,854,390 2,860,090 98: 2,823,177 2,827,426 2,829,095 2,863,809 99: 2,824,054 2,836,551 103: 2,839,408 105: 2,820,749 2,848,398 2,849,354
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204—	108: 2,853,444	204—	180: 2,854,394	204—	207: 2,823,180	206—	15. 1: 2,841,273	206—	47: 2,858,014	206—	65: 2,841,278
113:	2,839,461		2,860,095		2,865,830		2,852,132		2,862,610		2,841,279
	2,852,452		2,860,096		2,820,004		2,821,296		2,862,616		2,842,263
114:	2,827,410		2,860,097		2,839,463		2,822,081		2,864,492		2,842,264
119:	2,848,399		2,863,813		2,861,937		2,822,082		2,866,540		2,843,261
	2,863,810	181:	2,820,752		2,835,664		2,822,916	48:	2,820,546		2,845,174
124:	2,829,096		2,826,541		2,890,099		2,825,445		2,853,184		2,845,175
125:	2,840,520		2,826,542		2,865,831		2,826,294		2,862,611		2,846,062
128:	2,825,685		2,828,254		2,853,447		2,829,764	52:	2,822,084		2,846,063
129:	2,846,384		2,830,017		2,837,478	16. 6:	2,846,058		2,822,919		2,846,064
130:	2,843,538		2,843,541		2,820,755	17:	2,842,260		2,824,641		2,849,110
	2,859,161		2,851,408		2,848,406		2,844,244		2,825,450		2,849,111
131:	2,823,178		2,860,098		2,848,407	17. 5:	2,819,791		2,832,466		2,849,112
	2,824,831		2,861,935		2,848,408		2,835,377		2,834,457		2,850,159
	2,831,804		2,855,356		2,849,393	19:	2,827,161		2,844,246		2,850,160
	2,852,453	188:	2,825,686		2,848,409		2,851,154		2,853,185		2,851,159
132:	2,828,253	190:	2,825,687		2,830,946	19. 5:	2,825,446		2,864,493		2,852,134
136:	2,852,454		2,855,357		2,833,708		2,825,447	54:	2,838,167		2,853,186
137:	2,848,400	192:	2,825,687		2,865,832		2,829,766	56:	2,818,973		2,856,069
138:	2,860,091		2,843,542		2,841,547		2,851,155		2,823,796		2,857,048
140:	2,836,552	193. 2:	2,820,753		2,847,376		2,851,156		2,827,164		2,860,771
	2,837,473		2,823,179		2,848,410	29:	2,823,793		2,830,698		2,860,772
140. 5:	2,820,003		2,824,056		2,843,544		2,825,448		2,833,400		2,860,773
	2,820,750		2,825,688		2,862,863		2,839,184		2,833,401		2,863,556
	2,829,097		2,825,689		2,825,690		2,841,274		2,833,402		2,866,543
	2,829,098		2,827,429		2,846,387		2,846,059		2,834,458	66:	2,831,572
	2,851,406		2,830,944		2,831,806		2,845,172		2,836,290	70:	2,841,280
	2,861,930		2,831,807		2,852,468	33:	2,829,765		2,836,291	73:	2,829,767
141:	2,826,539		2,832,732	243:	2,824,057		2,850,152		2,838,168		2,858,016
	2,830,942		2,832,733		2,846,388		2,854,132		2,838,169		2,861,682
	2,853,445		2,836,554		2,856,343		2,865,497		2,838,170		2,864,497
	2,861,931		2,837,475		2,861,036	38:	2,828,855		2,840,229	78:	2,833,405
	2,861,932		2,837,476		2,861,938		2,853,182		2,840,230	79:	2,839,188
	2,863,811		2,837,477		2,866,743	39:	2,847,118		2,840,231		2,840,225
143:	2,826,540		2,838,451	245:	2,865,833	41:	2,820,545		2,844,247		2,841,281
	2,827,427		2,838,452	246:	2,838,454		2,856,066		2,847,119		2,854,135
	2,844,531		2,841,545	247:	2,822,328		2,859,865		2,854,133		2,854,133
	2,848,401		2,843,543	248:	2,833,709	41. 1:	2,865,498		2,858,015	80:	2,831,573
	2,850,444		2,848,404	252:	2,860,100	41. 2:	2,818,969		2,858,937		2,832,467
	2,857,321		2,849,387	256:	2,858,263		2,818,970		2,859,867		2,841,282
	2,860,092		2,849,388		2,862,864		2,826,295		2,861,680		2,845,176
145:	2,847,374		2,849,389	257:	2,844,533	41. 4:	2,836,288		2,862,612		2,847,121
146:	2,840,521		2,849,390	263:	2,828,257	42:	2,828,005		2,864,494		2,853,187
147:	2,834,728		2,850,447	266:	2,865,834		2,834,456	57:	2,841,275		2,858,938
	2,839,462		2,851,409	272:	2,856,344	43:	2,851,157		2,841,276		2,866,544
148:	2,846,385		2,851,410	279:	2,859,166		2,856,067		2,854,134	82:	2,835,383
149:	2,864,750		2,852,456	285:	2,856,345	44:	2,823,794	58:	2,825,451	84:	2,836,294
151:	2,838,449		2,852,457	286:	2,820,005		2,827,162		2,825,452		2,844,249
	2,848,402		2,852,458		2,833,710		2,828,856		2,836,292		2,860,774
	2,852,455		2,852,459		2,840,523	45. 13:	2,860,767		2,838,171	207—	1: 2,830,700
	2,865,823		2,852,460	290:	2,848,411	45. 14:	2,833,397		2,846,060		2,858,017
154:	2,830,943		2,852,461	296:	2,820,756		2,856,068		2,848,104	2:	2,836,295
	2,849,355		2,853,446		2,858,264	45. 16:	2,828,006		2,850,157		2,863,557
	2,858,259		2,855,354	297:	2,820,757		2,838,166		2,857,047	3:	2,819,794
	2,863,812		2,855,355		2,827,430	45. 19:	2,838,166		2,864,495	9:	2,832,468
154. 2:	2,820,751		2,856,339		2,831,808		2,851,158		2,850,157	10:	2,822,087
	2,837,474		2,856,340		2,841,548	45. 2:	2,827,163	59:	2,836,293		2,828,859
	2,840,522		2,856,341		2,841,549	45. 21:	2,835,378		2,838,172	15:	2,830,701
	2,843,539		2,857,324		2,847,377	45. 25:	2,818,971		2,839,187	16:	2,865,502
	2,855,349		2,858,262		2,847,378	45. 29:	2,830,697		2,843,260		2,866,545
	2,856,336		2,859,163		2,858,265	45. 31:	2,822,917		2,846,061	17:	2,833,406
	2,856,337		2,861,033		2,858,266		2,826,296		2,848,105		2,860,775
	2,860,093		2,861,034	299:	2,834,729		2,840,228		2,859,868	19:	2,859,870
156:	2,842,490		2,861,035		2,843,596		2,842,261		2,862,613	208—	3: 2,862,867
157:	2,859,162		2,863,814		2,853,448		2,858,013		2,864,496		2,865,835
158:	2,831,805		2,863,815	301:	2,826,544		2,859,866	60:	2,822,085	3:	2,861,939
	2,836,553		2,863,816		2,835,633	45. 33:	2,839,185		2,822,920	4:	2,839,167
	2,850,445		2,863,817	302:	2,823,181		2,850,153		2,833,403	5:	2,861,940
	2,856,338		2,863,818		2,846,389		2,822,917		2,847,120	8:	2,854,396
	2,857,322		2,864,758		2,848,412	46:	2,818,972	62:	2,822,921	10:	2,860,101
	2,861,933		2,864,759		2,853,359		2,821,297		2,841,277	15:	2,864,498
	2,861,934		2,865,826	304:	2,849,394		2,822,083		2,848,106	25:	2,861,941
	2,862,862		2,865,827		2,855,360		2,822,918		2,850,158		2,862,868
	2,864,751		2,865,828	305:	2,849,395		2,825,449		2,861,681	26:	2,863,820
	2,864,752		2,865,829	317:	2,842,491		2,828,007		2,866,541	40:	2,865,835
	2,864,753		2,866,741	318:	2,862,865		2,828,857	63. 2:	2,826,297	44:	2,864,760
162:	2,830,016		2,830,945	325:	2,862,866		2,833,398		2,834,459	45:	2,862,869
	2,845,388	195:	2,832,734		2,849,107		2,833,399		2,845,173	48:	2,856,346
	2,861,031		2,844,532	205—	2,837,208	2:	2,836,289		2,866,542		2,859,168
163:	2,824,055		2,846,386		2,845,171	3:	2,837,208	63. 3:	2,824,642		2,863,821
	2,838,450		2,849,391		2,861,679		2,839,186		2,865,501	53:	2,862,871
	2,851,407		2,851,411		2,819,790		2,843,257	64:	2,862,614		2,862,870
	2,858,260		2,859,164	4:	2,821,293		2,843,258		2,862,615	56:	2,862,870
	2,861,032	196:	2,851,413	17:	2,846,056		2,849,109		2,819,793	57:	2,865,836
	2,865,824		2,860,781	26:	2,822,080		2,850,155	65:	2,818,974	59:	2,859,169
	2,865,825		2,863,819		2,824,640		2,852,133		2,819,793	65:	2,861,937
164:	2,854,392		2,826,543	206—	2,837,207		2,855,097		2,820,547		2,861,942
	2,860,094		2,829,099		2,846,057		2,857,045		2,821,299		2,862,872
	2,864,754		2,838,453		2,843,256		2,860,768		2,822,086		2,863,822
165:	2,864,755		2,841,546		2,827,166		2,860,769		2,823,797		2,865,837
168:	2,864,756		2,847,375	. 83:	2,844,248		2,860,770		2,823,798		2,866,544
171:	2,858,261		2,851,414		2,864,491		2,865,499		2,826,298	76:	2,861,943
176:	2,822,327		2,852,462		2,821,294		2,865,500		2,826,299	78:	2,854,397
	2,850,446		2,855,358		2,825,444		2,828,008		2,827,165	79:	2,866,745
	2,857,323		2,856,342		2,850,151		2,828,009		2,828,008	80:	2,854,398
	2,864,757		2,859,165		2,866,539		2,828,858		2,830,699	83:	2,862,873
177:	2,849,356		2,866,742		2,827,167		2,831,571		2,833,404	85:	2,859,171
	2,849,357	198:	2,849,392		2,832,465		2,835,379		2,834,460	86:	2,859,172
180:	2,827,428	199:	2,828,255		2,839,183		2,835,380		2,834,461	87:	2,859,173
	2,835,632		2,828,256		2,847,117		2,842,262		2,835,381	88:	2,854,399
	2,843,540		2,861,936		2,855,096		2,843,259		2,836,290		2,866,746
	2,848,403	202:	2,820,754		2,849,108		2,844				

208—	96: 2,865,839 97: 2,864,761 2,865,840 108: 2,865,841 110: 2,862,874 111: 2,854,400 2,854,401 2,858,267 112: 2,864,762 114: 2,859,174 2,865,842 115: 2,863,824 119: 2,862,875 120: 2,856,348 2,861,945 2,865,843 126: 2,855,361 127: 2,858,253 134: 2,865,844 135: 2,854,402 136: 2,858,268 2,859,175 2,864,763 2,865,845 2,866,747 138: 2,854,403 2,863,825 2,863,826 2,866,748 139: 2,854,404 140: 2,856,349 2,856,350 2,856,351 2,860,102 144: 2,861,946 147: 2,865,846 149: 2,861,947 2,864,764 152: 2,865,847 165: 2,863,827 2,865,848 168: 2,857,327 175: 2,854,405 180: 2,862,876 190: 2,862,877 2,863,828 203: 2,856,352 2,866,749 211: 2,865,849 212: 2,865,850 216: 2,866,750 217: 2,866,751 2,866,752 234: 2,859,176 2,862,878 235: 2,856,353 2,859,177 240: 2,866,753 254: 2,862,879 264: 2,865,851 305: 2,854,406 323: 2,857,326 327: 2,865,852 339: 2,855,362	209—	89: 2,852,135 90: 2,821,301 2,835,385 91: 2,818,975 95: 2,858,019 2,861,684 97: 2,822,922 98: 2,861,685 99: 2,829,768 2,850,161 2,852,136 104: 2,843,263 105: 2,829,769 106: 2,826,300 2,830,703 2,861,686 108: 2,843,264 2,866,549 110: 2,838,174 2,838,175 2,846,066 2,846,067 2,865,550 111: 2,821,302 2,823,800 2,827,167 2,833,408 2,840,237 2,845,177 121: 2,835,386 2,838,176 2,849,116 2,853,189 2,857,049 124: 2,842,255 2,853,190 125: 2,856,071 127: 2,832,469 2,839,189 2,839,190 2,847,123 2,847,124 2,848,108 134: 2,850,162 137: 2,833,409 2,833,410 138: 2,865,504 139: 2,822,923 2,825,457 156: 2,840,238 158: 2,833,411 2,854,136 2,859,872 159: 2,823,801 2,857,050 166: 2,818,976 2,824,643 2,825,458 2,826,301 2,829,770 2,831,574 2,834,463 2,836,297 2,839,191 2,839,192 2,846,068 167: 2,857,051 2,861,687 171: 2,850,164 172: 2,864,499 172.5: 2,821,303 2,825,459 2,825,460 2,832,470 2,843,265 2,860,782 173: 2,843,266 208: 2,828,861 209: 2,855,098 211: 2,819,795 2,829,771 2,831,575 2,835,387 2,849,117 2,858,020 215: 2,827,168 2,834,137 2,838,021 2,844,251 216: 2,862,619 218: 2,826,302 219: 2,826,303 2,832,471 223: 2,822,089 2,841,285 2,844,252 234: 2,848,109 235: 2,846,069 237: 2,862,620 238: 2,825,461 2,826,304	209—	238: 2,838,177 2,846,070 2,850,163 2,866,551 255: 2,866,552 257: 2,836,298 259: 2,859,873 270: 2,836,299 273: 2,855,099 284: 2,842,266 289: 2,858,022 296: 2,830,704 303: 2,850,165 310: 2,865,505 315: 2,828,013 2,853,191 2,865,506 318: 2,849,118 319: 2,819,796 323: 2,829,772 326: 2,828,014 332: 2,848,110 347: 2,827,170 358: 2,833,412 359: 2,866,553 362: 2,833,413 365: 2,826,305 2,831,576 2,839,193 2,849,119 366.5: 2,860,783 381: 2,858,023 397: 2,827,169 400: 2,837,210 403: 2,864,506 415: 2,856,073 2,866,554 416: 2,831,577 2,854,138 422: 2,850,166 423: 2,824,644 430: 2,825,462 442: 2,832,472 455: 2,819,797 2,828,015 2,846,071 2,847,125 466: 2,861,686 469: 2,853,192 470: 2,864,501 474: 2,835,388 475: 2,828,016 2,834,462 481: 2,822,090 490: 2,833,414 496: 2,822,924 2,854,139 210—	210—	82: 2,828,862 83: 2,852,138 85: 2,855,101 90: 2,854,140 91: 2,827,174 93: 2,864,503 94: 2,839,195 95: 2,834,465 102: 2,828,017 106: 2,859,874 108: 2,858,024 114: 2,826,306 2,829,774 2,844,254 120: 2,834,466 126: 2,863,559 130: 2,828,863 2,833,415 2,833,416 136: 2,858,939 138: 2,822,092 143: 2,823,802 2,831,579 2,865,507 147: 2,863,560 152: 2,828,018 2,865,508 154: 2,837,211 158: 2,851,162 159: 2,856,102 163: 2,859,875 166: 2,837,212 167: 2,854,141 169: 2,820,548 2,822,925 2,826,307 2,828,019 2,848,111 170: 2,838,178 2,844,255 175: 2,856,074 2,861,689 176: 2,824,643 2,825,463 2,834,467 2,834,468 2,850,167 2,862,621 179: 2,832,474 180: 2,839,196 181: 2,854,469 186: 2,829,775 187: 2,837,213 2,852,139 193: 2,849,120 195: 2,860,785 196: 2,860,786 197: 2,829,776 199: 2,857,052 211: 2,857,053 213: 2,845,178 221: 2,852,140 222: 2,823,803 2,825,464 2,830,705 2,834,470 223: 2,838,179 2,860,787 226: 2,849,121 234: 2,856,075 236: 2,843,267 238: 2,824,648 2,864,504 248: 2,836,300 251: 2,844,256 256: 2,834,471 2,846,073 278: 2,841,286 291: 2,818,977 295: 2,843,268 2,850,168 2,858,025 2,858,941 297: 2,820,549 300: 2,837,214 305: 2,822,926 2,823,804 306: 2,861,690 312: 2,865,509 314: 2,834,472 315: 2,845,179 2,855,103 2,855,104 2,864,505 2,865,510 320: 2,822,927 321: 2,864,506 2,864,507 323: 2,835,389 2,859,876 328: 2,849,122 2,853,193 330: 2,833,417 332: 2,854,142 333: 2,834,473	210—	333: 2,848,112 2,862,622 335: 2,854,143 347: 2,863,561 352: 2,856,076 360: 2,823,805 2,824,649 2,836,301 365: 2,859,877 370: 2,861,691 374: 2,858,942 375: 2,828,020 376: 2,828,021 382: 2,854,144 387: Re.24,430 2,823,806 2,851,163 393: 2,848,113 396: 2,827,175 402: 2,819,798 407: 2,852,141 408: 2,834,474 409: 2,853,194 411: 2,835,390 2,847,126 413: 2,845,180 414: 2,841,287 416: 2,842,267 2,865,511 430: 2,819,799 433: 2,851,164 437: 2,843,269 444: 2,858,026 445: 2,862,623 448: 2,835,391 450: 2,858,027 455: 2,821,305 457: 2,826,308 2,860,774 2,846,075 2,855,105 459: 2,828,022 464: 2,846,076 467: 2,840,239 471: 2,853,195 474: 2,858,943 477: 2,835,392 482: 2,862,621 486: 2,845,181 487: Re.24,509 2,835,393 488: 2,826,309 492: 2,850,169 2,855,106 493: 2,836,302 2,862,624 496: 2,863,562 2,863,563 497: 2,819,800 498: 2,866,556 499: 2,839,197 504: 2,834,730 510: 2,819,209 512: 2,840,240 516: 2,858,940 519: 2,820,550 521: 2,861,692 523: 2,822,928 525: 2,821,306 2,843,270 2,854,146 527: 2,860,557 528: 2,838,180 529: 2,863,564 531: 2,837,215 2,861,693 532: 2,823,807 2,857,054 534: 2,861,694 540: 2,857,055 2,863,565 2,866,558 541: 2,859,878 211—	211—	41: 2,845,183 2,863,566 2,864,509 2,865,513 43: 2,839,199 45: 2,839,200 2,842,268 2,852,142 46: 2,836,304 2,851,167 49: 2,818,978 2,825,466 2,829,777 2,848,114 2,848,115 2,852,143 55: 2,833,418 59: 2,853,196 60: 2,818,979 2,829,778 2,833,419 2,851,168 2,854,147 2,855,107 2,864,510 64: 2,823,808 2,855,108 65: 2,821,308 2,852,144 69: 2,824,651 71: 2,842,269 72: 2,837,216 74: 2,837,217 2,862,625 84: 2,850,170 85: 2,846,078 86: 2,827,176 2,828,864 2,839,201 2,840,241 2,853,197 2,854,148 87: 2,841,289 2,815,184 88: 2,829,779 2,862,626 89: 2,825,467 2,825,468 2,828,865 2,848,116 2,860,783 2,864,511 90: 2,827,177 2,830,706 2,842,270 2,844,260 2,844,261 2,849,123 2,859,879 2,863,567 100: 2,838,181 104: 2,831,581 105.3: 2,825,469 106: 2,839,202 2,859,880 107: 2,848,117 113: 2,834,475 114: 2,830,707 2,845,185 118: 2,848,118 119.02: 2,834,476 119.07: 2,841,290 119.09: 2,856,077 119.11: 2,845,186 119.15: 2,840,242 2,865,514 120: 2,830,708 121: 2,819,801 2,829,780 123: 2,846,079 124: 2,822,093 2,834,477 126: 2,818,980 2,858,028 129: 2,837,218 133: 2,864,512 135: 2,840,243 136: 2,820,551 2,825,470 2,834,478 2,845,187 137: 2,841,291 2,848,119 141: 2,850,171 143: 2,861,695 146: 2,831,582 2,836,305 147: 2,820,552 2,833,420 2,837,219 148: Re.24,535 2,833,421 2,844,262 2,846,080
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211—	148:	2,850,172	214—	1:	2,832,478	214—	16.1:	2,858,032	214—	78:	2,845,192	214—	302:	2,828,032	214—	514:	2,832,487
		2,863,568			2,832,479			2,864,515		82:	2,823,814			2,831,590		515:	2,820,559
149:		2,831,583			2,837,222			2,866,563			2,839,206			2,847,135			2,833,435
150:		2,826,310			2,838,184		16.4:	2,823,811			2,850,188			2,849,134			2,847,137
153:		2,830,709			2,841,296			2,866,564			2,856,086		303:	2,834,490		516:	2,819,810
162:		2,864,513			2,841,297			2,866,565			2,857,063			2,860,795			2,834,495
163:		2,862,627			2,842,272		16.6:	2,837,225			2,862,632						
164:		2,834,479			2,843,271			2,841,298		83.1:	2,821,312		304:	2,855,117		517:	2,820,560
165:	Re. 24,427				2,843,272			2,866,566			2,826,317		305:	2,818,985		518:	2,823,818
173:		2,828,866			2,844,263		17:	Re. 24,481			2,861,703			2,829,788			2,832,488
177:		2,836,306			2,846,084			2,819,808		83.18:	2,828,028			2,831,591		519:	2,822,947
178:		2,851,169			2,846,085			2,822,097			2,837,228			2,836,314		522:	2,822,947
		2,852,145			2,849,124			2,822,934			2,845,193		308:	2,818,986			2,824,660
179:		2,821,309			2,851,170			2,822,935		83.24:	2,829,786			2,822,942			2,839,208
182:		2,821,310			2,854,150			2,826,313		83.26:	2,834,487			2,834,488			2,849,137
184:		2,830,203			2,856,079			2,828,025			2,866,568		309:	2,818,987		620:	2,820,561
	3:	2,830,710			2,858,031			2,828,026			2,827,185			2,828,877			2,826,322
	4:	2,819,802			2,858,947			2,831,587		83.28:	2,827,185			2,862,633			2,827,189
		2,850,173			2,859,884			2,834,483			2,865,521			2,862,634			2,832,489
	8:	2,818,981			2,861,699			2,843,274		83.3:	2,832,484			2,863,579			2,835,402
		2,830,711			2,861,701			2,845,190			2,840,251		310:	2,850,190			2,837,231
		2,838,182			2,862,629			2,845,191			2,851,175			2,856,089			2,841,300
17:		2,816,081			2,863,571			2,846,089			2,853,199			2,860,796			2,849,139
21:		2,822,929			2,863,572			2,851,173			2,863,578		311:	2,821,314			2,843,280
28:		2,825,471			2,865,516			2,854,155		83.36:	2,822,939			2,859,888		621:	2,818,989
34:		2,855,109			2,865,517			2,854,157		84:	2,828,029		313:	2,827,184			2,822,948
35:		2,828,867			2,866,561			2,856,083			2,839,207			2,833,434			2,827,190
		2,842,271			2,867,571			2,858,033			2,840,252			2,851,178			2,841,302
		2,858,944			2,868,581			2,860,790			2,856,087		314:	2,835,398		623:	2,830,720
38:		2,855,110			2,869,581			2,863,575			2,865,522			2,844,264		630:	2,850,191
39:		2,840,244			2,870,581			2,865,519			2,866,569			2,846,098		632:	2,841,303
55:		2,819,803			2,871,581			2,867,577			2,867,579			2,858,949		653:	2,821,316
		2,833,422			2,872,581		2.5:	2,828,024		85:	2,822,940		315:	2,829,789			2,836,317
58:		2,852,146			2,873,581			2,829,783			2,846,092		317:	2,822,099			2,842,275
		2,860,789			2,874,581			2,852,147			2,849,130			2,828,033			2,848,128
59:		2,837,220			2,875,581			2,854,152		18:	2,827,182			2,860,798		654:	2,828,039
		2,846,082			2,876,581			2,855,113			2,856,088		318:	2,832,490			2,832,490
		2,833,423			2,877,581			2,856,089			2,857,063		331:	2,846,099		657:	2,849,138
61:		2,858,945			2,878,581			2,857,064		86:	2,818,984		332:	2,852,151		658:	2,821,318
64:		2,858,946			2,879,581			2,858,034			2,833,429		340:	2,822,943			2,849,139
		2,859,881			2,880,581			2,859,885			2,834,430		353:	2,856,090			2,828,879
		2,862,628			2,881,581			2,860,791		89:	2,824,656		358:	2,860,799			2,859,890
65:		2,834,480			2,882,581			2,861,699			2,833,431		370:	2,851,179		672:	2,855,119
66:		2,859,882			2,883,581			2,862,630			2,834,432		374:	2,819,809		700:	2,823,819
		2,838,183			2,884,581			2,863,572			2,835,399			2,842,274		701:	2,822,949
68:		2,863,569			2,885,581			2,864,515		91:	2,823,815			2,844,264		707:	2,857,066
71:	Re. 24,524				2,886,581			2,865,519			2,824,657		377:	2,859,886		712:	2,846,100
127:		2,822,094			2,887,581			2,866,561		95:	2,849,131		384:	2,818,988		730:	2,820,562
128:		2,827,178			2,888,581			2,867,571		102:	2,851,176			2,851,180			2,822,101
135:		2,848,120			2,889,581			2,868,581		114:	2,850,189		390:	2,822,944			2,826,323
145:	Re. 24,482				2,890,581			2,869,581		130:	2,828,030			2,836,315			2,828,040
		2,828,868			2,891,581			2,870,581			2,830,719		392:	2,862,635			2,828,880
		2,855,111			2,892,581			2,871,581			2,831,590		394:	2,820,557			2,847,138
213—	1:	2,857,056			2,893,581			2,872,581			2,832,491			2,828,034			2,849,140
	8:	2,818,982			2,894,581			2,873,581			2,833,432		396:	2,822,100			2,851,182
	11:	2,847,128			2,895,581			2,874,581			2,834,433		450:	2,828,035			2,858,952
	15:	2,826,311			2,896,581			2,875,581		131:	2,822,941			2,834,491		740:	2,846,101
	19:	2,832,476			2,897,581			2,876,581			2,835,399			2,849,135			2,848,129
	22:	2,825,472			2,898,581			2,877,581			2,836,316		454:	2,855,118		741:	2,828,041
	24:	2,850,174			2,899,581			2,878,581			2,837,229		500:	2,847,136		750:	2,819,811
	32:	2,841,292			2,900,581			2,879,581			2,838,126		501:	2,836,316			2,846,102
		2,850,078			2,901,581			2,880,581		132:	2,827,183		503:	2,824,659			2,831,593
43:		2,841,293			2,902,581			2,881,581			2,828,028			2,837,230			2,831,594
		2,841,294			2,903,581			2,882,581			2,829,787		504:	2,863,580			2,836,318
		2,837,221			2,904,581			2,883,581			2,830,718		505:	2,821,315			2,839,209
		2,850,175			2,905,581			2,884,581		136:	2,832,485			2,822,945			2,858,036
		2,850,176			2,906,581			2,885,581		138:	2,833,489			2,823,816			2,860,791
		2,854,149			2,907,581			2,886,581			2,834,490			2,824,660			2,863,572
		2,855,112			2,908,581			2,887,581			2,835,399			2,825,473			2,866,563
		2,858,030			2,909,581			2,888,581			2,836,316			2,826,317			2,869,581
		2,861,696			2,910,581			2,889,581			2,837,229		506:	2,823,817			2,872,581
48:		2,846,083			2,911,581			2,890,581			2,838,127			2,824,661			2,875,581
49:		2,861,697			2,912,581			2,891,581			2,839,207			2,825,474			2,878,581
50.5:		2,840,245			2,913,581			2,892,581			2,840,253			2,826,318			2,881,581
60:		2,850,177			2,914,581			2,893,581			2,841,301			2,827,187			2,884,581
		2,863,570			2,915,581			2,894,581			2,842,273			2,828,036			2,887,581
61:		2,850,178			2,916,581			2,895,581			2,843,274			2,829,788			2,890,581
62:		2,850,179			2,917,581			2,896,581			2,844,275			2,830,719			2,893,581
65:		2,847,129			2,918,581			2,897,581			2,845,176			2,831,590			2,896,581
69:		2,824,652			2,919,581			2,898,581			2,846,077			2,832,491			2,899,581
		2,859,883			2,920,581			2,899,581			2,847,078			2,833,492			2,902,581
72:		2,841,295			2,921,581			2,900,581			2,848,079			2,834,493			2,905,581
		2,850,180			2,922,581			2,901,581			2,849,080			2,835,494			2,908,581
75:		2,833,424			2,923,581			2,902,581			2,850,081			2,836,495			2,911,581
76:		2,834,481			2,924,581			2,903,581			2,851,082			2,837,496			2,914,581

215—	22: 2,845,195 31: 2,848,130 37: 2,854,163 38: 2,857,068 2,851,183 2,862,637 2,863,582 39: 2,848,131 40: 2,827,192 2,829,790 2,834,497 2,834,498 2,841,304 2,849,141 41: 2,820,563 2,821,319 2,850,193 42: 2,864,521 43: 2,827,193 2,850,194 45: 2,860,802 2,865,525 46: 2,837,233 2,839,210 2,851,184 47: 2,820,564 53: 2,822,103 54: 2,822,104 55: 2,824,061 56: 2,866,570 64: 2,844,266 71: 2,828,042 73: 2,827,194 79: 2,842,276 98: 2,820,565 99: 2,857,069 100: 2,837,234 2,842,277 2,844,267 2,851,185 100.5: 2,833,437	219—10.47: 2,831,952 2,842,649 2,850,009 10.49: 2,826,065 2,848,506 2,858,404 2,866,580 10.51: 2,835,775 2,841,079 10.53: 2,822,454 2,824,200 2,829,228 2,835,776 10.55: 2,820,127 2,824,940 2,827,537 2,839,649 2,856,497 10.61: 2,821,611 2,829,229 10.65: 2,826,666 2,819,370 10.67: 2,820,128 2,828,398 2,832,877 2,830,650 2,840,677 2,852,650 2,858,405 10.69: 2,839,651 2,840,678 2,812,650 2,853,588 10.73: 2,866,063 10.75: 2,820,875 2,831,953 2,838,611 2,839,652 2,819,584 2,856,498 2,856,499 2,858,406 10.77: 2,866,064 10.79: 2,832,876 19: 2,820,876 2,821,612 2,827,538 2,829,230 2,830,163 2,831,096 2,831,097 2,831,098 2,834,890 2,835,777 2,835,778 2,838,642 2,842,651 2,842,652 2,842,653 2,843,713 2,844,695 2,844,696 2,845,516 2,846,555 2,851,573 2,852,651 2,852,652 2,853,589 2,854,557 2,855,494 2,856,500 2,857,499 2,858,407 2,858,408 2,859,324 2,860,224 2,864,927 2,864,928 2,864,929 2,861,931 2,866,065 2,866,066 2,866,881 20: 2,819,371 2,819,372 2,819,373 2,820,129 2,820,130 2,822,455 2,823,290 2,824,941 2,824,942 2,825,789 2,828,399 2,829,231 2,830,164 2,831,099 2,832,878 2,832,879 2,835,779 2,836,695 2,837,621 2,837,622 2,838,643	219— 20: 2,838,644 2,838,645 2,838,646 2,840,679 2,840,680 2,841,680 2,841,681 2,843,714 2,845,517 2,846,556 2,848,588 2,850,610 2,850,611 2,851,574 2,852,653 2,854,558 2,857,501 2,857,501 2,862,093 2,863,976 2,866,067 2,866,882 21: 2,826,667 2,826,668 2,838,647 2,859,325 2,863,036 2,864,930 2,866,068 25: 2,819,371 2,820,877 2,829,232 2,833,003 2,848,589 26: 2,830,165 2,844,697 2,845,518 2,862,094 2,866,069 27: 2,824,201 2,833,904 2,839,653 29: 2,841,682 32: 2,828,400 2,841,683 2,844,698 2,848,590 2,849,585 2,858,409 2,863,977 34: 2,819,375 2,820,131 2,822,456 2,822,457 2,823,291 2,826,669 2,827,539 2,833,905 2,834,861 2,834,862 2,843,715 2,844,699 2,845,527 2,849,586 2,861,165 2,861,166 2,861,167 2,861,168 2,863,978 2,866,070 35: 2,820,878 2,820,879 2,822,458 2,824,202 2,824,943 2,828,401 2,828,402 2,831,954 2,833,906 2,836,696 2,836,697 2,839,654 2,841,684 2,844,700 2,844,701 2,844,702 2,844,703 2,846,557 2,848,591 2,848,592 2,870,612 2,851,575 2,852,654 2,855,495 2,856,501 2,860,225 2,862,095 2,862,096 2,863,979 2,864,932 2,866,883 36: 2,820,132 2,823,292 2,853,590 37: 2,824,203	219— 37: 2,824,204 2,824,205 2,824,206 2,824,944 2,825,790 2,828,403 2,828,404 2,831,100 2,831,955 2,833,907 2,833,908 2,834,863 2,835,780 2,836,698 2,839,655 2,839,656 2,843,716 2,844,704 2,846,558 2,850,613 2,850,614 2,861,576 2,866,071 38: 2,854,559 2,866,502 2,850,503 2,866,071 2,819,376 2,820,133 2,821,613 2,822,459 2,824,207 2,824,945 2,827,540 2,834,864 2,834,865 2,838,648 2,833,910 2,838,649 2,840,681 2,841,685 2,847,545 2,847,546 2,847,547 2,847,548 2,849,587 2,849,588 2,851,577 2,852,655 2,852,656 2,856,504 2,856,505 2,859,326 2,860,226 2,860,227 2,861,169 39: 2,819,378 2,820,134 2,820,880 2,825,791 2,831,101 2,833,909 2,834,866 2,834,867 2,835,781 2,837,623 2,839,657 2,839,658 2,839,659 2,843,717 2,843,718 2,849,589 2,850,615 2,852,657 2,853,591 2,853,592 2,856,506 2,859,327 2,860,228 2,861,170 2,863,980 2,866,072 2,866,073 2,866,884 2,866,885 40: 2,821,614 2,824,946 2,827,541 2,836,699 2,837,624 2,837,625 2,840,682 2,843,719 2,847,549 2,847,550 41: 2,839,660 2,847,551 2,849,590 2,847,550 43: 2,831,956 2,834,868 2,836,700 2,840,683 2,842,651 2,847,552 2,850,616 2,861,171	219— 43: 2,863,037 44: 2,820,881 2,823,293 2,825,792 2,826,670 2,830,166 2,834,869 2,835,782 2,838,650 2,839,661 2,839,662 2,840,684 2,843,720 2,843,721 2,847,553 2,847,554 2,851,578 2,851,579 2,856,507 2,856,508 2,857,502 2,860,229 45: 2,824,208 46: 2,822,460 2,824,209 2,842,655 2,845,519 2,846,559 2,846,560 2,850,617 2,858,410 2,862,097 50: 2,824,210 2,827,542 2,828,405 2,828,406 59: 2,823,294 2,833,910 2,857,503 60: 2,835,783 61: 2,837,626 2,844,705 62: 2,819,379 63: 2,824,947 64: 2,838,651 2,864,933 67: 2,827,543 2,827,544 68: 2,851,580 69: 2,819,380 2,821,615 2,835,784 2,835,785 2,838,652 2,841,686 2,844,706 2,845,520 2,850,618 2,854,560 2,861,164 70: 2,852,658 73: 2,832,880 2,840,685 2,848,593 74: 2,824,948 2,829,236 2,836,701 2,844,707 2,851,581 2,852,659 2,852,660 2,856,509 2,856,510 2,859,328 2,859,329 2,862,098 2,862,099 2,863,981 2,863,982 2,864,934 2,866,074 75: 2,826,671 2,832,881 2,834,870 2,842,656 2,858,411 2,858,412 2,863,983 2,863,984 76: 2,828,406 2,839,663 2,841,687 2,841,688 2,847,555 78: 2,821,616 2,823,295 2,830,167 2,841,689 2,864,935 79: 2,823,296 2,846,561 2,855,496 80: 2,843,722 2,858,413 81: 2,824,949	219— 81: 2,826,672 2,826,673 2,846,562 2,857,501 83: 2,851,582 2,866,075 85: 2,820,135 2,821,617 2,836,702 2,845,521 2,851,582 86: 2,843,723 2,844,708 2,846,563 2,847,556 2,851,583 2,851,584 2,856,512 2,862,100 2,863,985 87: 2,856,511 89: 2,832,882 2,833,911 2,839,664 2,839,665 2,850,619 2,856,513 2,859,330 2,863,986 91: 2,826,674 2,830,168 92: 2,830,169 93: 2,822,461 2,845,522 94: 2,860,230 95: 2,836,703 96: 2,843,724 97: 2,829,233 2,860,231 98: 2,821,618 2,845,523 2,847,557 2,857,505 2,866,076 99: 2,823,297 2,829,234 2,829,235 2,848,594 2,858,414 2,864,936 100: 2,829,237 2,841,690 104: 2,819,381 2,824,211 2,834,871 105: 2,843,725 107: 2,821,619 2,849,591 108: Re.24,533 2,827,545 2,838,653 2,841,691 2,848,595 113: 2,853,593 114: 2,840,686 2,844,709 117: 2,819,382 2,820,136 2,820,882 2,824,212 2,826,675 2,827,546 2,832,883 2,843,726 2,866,886 118: 2,819,383 119: 2,826,676 120: 2,829,239 2,850,620 124: 2,831,957 2,835,786 2,863,987 125: 2,827,547 2,827,548 2,836,704 2,847,558 2,866,077 126: 2,866,078 127: 2,829,238 130: 2,819,384 2,824,213 2,824,950 2,827,549 2,827,550 2,833,912 2,833,913 2,836,705 2,838,654 2,839,666 2,843,727 2,845,524 2,845,525 2,866,079 2,866,887 131: 2,845,526
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219—	131: 2,866,080	220—	19: 2,822,951	220—	46: 2,834,504	220—	113: 2,835,408	221—	229: 2,853,206	222—	98: 2,840,273
	135: 2,866,888		2,825,481		2,839,218		2,842,288		232: 2,824,666		99: 2,820,573
	136: 2,829,240		2,831,599		2,840,262		2,844,280		2,826,336		2,838,207
	2,833,914		2,832,499		2,842,284		2,844,281		233: 2,851,190		2,851,194
137: 2,820,137			2,832,500		2,848,135		2,846,114		236: 2,841,309		100: 2,822,111
2,824,951			2,838,198		2,857,075		2,846,115		238: 2,820,573		2,851,195
2,824,952			2,850,199		2,864,528		2,848,136		243: 2,821,329		101: 2,830,734
2,827,551			2,853,202		2,828,883		2,860,816		248: 2,800,818		2,837,243
2,827,552			2,856,093		2,827,197		2,832,504		249: 2,838,203		2,848,141
2,831,958			2,860,808		2,828,884		2,844,282		256: 2,862,643		102: 2,830,735
2,837,627			2,865,527		2,829,797		2,850,207		260: 2,849,154		2,830,736
2,849,592			20: 2,843,287		2,840,263		2,828,047		2,864,533		2,841,333
2,862,101			20.5: 2,821,322		2,852,156		2,827,198		2,866,578		2,850,212
2,862,102			21: 2,827,196		2,837,236		2,825,487		263: 2,828,888		2,857,079
138: 2,823,298			2,830,729		2,860,812		2,858,042		264: 2,851,191		2,858,051
2,846,564			2,835,406		2,825,485		2,858,043		264: 2,824,667		105: 2,831,610
2,866,081			22: 2,820,567		2,833,440		2,844,276		264: 2,855,125		107: 2,853,209
146: 2,825,793			2,820,568		2,842,277		2,860,817		268: 2,862,644		2,861,718
2,848,596			2,832,501		2,846,113		2,836,324		273: 2,851,192		108: 2,820,576
2,849,593			2,840,259		2,847,143		2,865,532		277: 2,828,048		111: 2,848,142
2,825,794			2,843,288		2,850,201		2,850,208		293: 2,827,202		2,851,196
150: 2,836,706			2,860,809		2,861,712		2,853,205		305: 2,859,897		129: 2,822,112
2,856,514			2,861,708		2,866,574		2,834,509		307: 2,838,204		2,836,737
153: 2,831,102			23.4: 2,858,957		2,833,407		2,836,325		311: 2,852,161		2,835,410
2,831,103			23.83: 2,828,044		2,823,825		2,831,601		1: 2,831,606		129.2: 2,832,833
156: 2,841,692			2,866,571		2,838,201		2,852,158		2,854,170		129.4: 2,832,510
158: 2,840,687			24: 2,822,107		2,829,794		2,848,137		2,859,898		2,843,293
159: 2,830,170			2,823,823		2,841,307		2,862,642		3: 2,826,337		2,863,590
160: 2,866,889			2,829,794		2,857,070		2,854,168		2,831,607		133: 2,825,491
162: 2,864,937			2,841,307		2,857,071		2,844,283		2,846,118		2,830,738
			2,857,070		2,859,894		2,826,324		2,850,209		2,838,208
220—	1: 2,836,322		2,838,196		2,861,709		2,846,113		4: 2,828,049		2,846,121
	2,838,196		2,842,280		2,844,270		2,858,959		5: 2,819,820		135: 2,831,611
	2,842,280		2,844,269		2,849,143		2,856,094		2,828,050		2,837,244
	2,844,269		2,844,270		2,860,806		2,858,959		2,822,955		2,840,274
	2,849,143		2,860,806		2,837,235		2,849,148		2,846,119		136: 2,819,822
	2,860,806		2,837,235		2,827,195		2,857,076		23: 2,824,668		2,823,534
	2,837,235		2,835,404		2,844,271		2,826,326		26: 2,853,207		137: 2,826,339
	2,827,195		2,844,271		2,847,141		2,828,045		2,848,139		139: 2,844,284
	2,835,404		2,848,133		2,853,203		2,839,215		2,858,048		142: 2,831,612
	2,844,271		2,859,892		2,829,795		2,844,274		2,858,049		142.3: 2,819,823
	2,859,892		2,842,281		2,838,199		2,847,141		34: 2,820,574		142.6: 2,826,340
	2,842,281		2,826,325		2,839,216		2,853,203		38: 2,834,515		2,842,289
	2,826,325		2,832,495		2,840,260		2,832,503		39: 2,831,608		2,862,645
	2,832,495		2,838,198		2,843,289		2,846,108		41: 2,828,051		144: 2,861,719
	2,838,198		2,832,495		2,846,108		2,846,109		2,832,508		146: 2,851,197
	2,848,133		2,859,892		2,846,110		2,846,111		2,837,239		147: 2,835,411
	2,859,892		2,842,281		2,846,111		2,847,141		2,840,271		148: 2,830,739
	2,842,281		2,826,325		2,847,141		2,853,203		43: 2,837,240		151: 2,833,447
	2,826,325		2,832,495		2,853,203		2,829,795		46: 2,830,730		153: 2,846,122
	2,832,495		2,838,199		2,829,795		2,838,199		47: 2,834,517		158: 2,835,412
	2,838,199		2,842,281		2,838,199		2,839,216		49: 2,833,443		162: 2,826,341
	2,842,281		2,826,325		2,839,216		2,840,260		51: 2,848,140		2,843,294
	2,826,325		2,832,495		2,840,260		2,843,289		52: 2,837,241		2,851,198
	2,832,495		2,838,199		2,843,289		2,846,108		2,838,205		2,854,172
	2,838,199		2,842,281		2,846,108		2,846,109		54: 2,864,535		165: 2,822,113
	2,842,281		2,826,325		2,846,110		2,847,141		55: 2,863,589		166: 2,858,963
	2,826,325		2,832,495		2,846,111		2,853,203		57: 2,852,162		2,865,535
	2,832,495		2,838,199		2,847,141		2,829,795		58: 2,850,210		167: 2,842,290
	2,838,199		2,842,281		2,848,133		2,838,199		66: 2,851,193		168: 2,834,517
	2,842,281		2,826,325		2,853,203		2,839,216		2,865,534		169: 2,849,157
	2,826,325		2,832,495		2,846,110		2,846,111		2,824,669		170: 2,835,413
	2,832,495		2,838,199		2,847,141		2,853,203		2,847,145		176: 2,822,957
	2,838,199		2,842,281		2,848,133		2,839,216		68: 2,860,819		2,827,204
	2,842,281		2,826,325		2,853,203		2,840,260		70: 2,827,203		177: 2,824,671
	2,826,325		2,832,495		2,846,110		2,847,141		74: 2,825,490		2,826,342
	2,832,495		2,838,199		2,847,141		2,853,203		75: 2,819,821		2,828,052
	2,838,199		2,842,281		2,848,133		2,839,216		76: 2,824,670		2,839,222
	2,842,281		2,826,325		2,853,203		2,840,260		2,828,889		2,839,223
	2,826,325		2,832,495		2,846,110		2,847,141		2,831,609		2,840,275
	2,832,495		2,838,199		2,847,141		2,853,203		2,840,272		2,865,536
	2,838,199		2,842,281		2,848,133		2,839,216		2,849,155		178: 2,827,205
	2,842,281		2,826,325		2,853,203		2,840,260		2,853,208		2,851,199
	2,826,325		2,832,495		2,846,110		2,847,141		78: 2,830,731		2,818,998
	2,832,495		2,838,199		2,847,141		2,853,203		80: 2,827,203		2,830,740
	2,838,199		2,842,281		2,848,133		2,839,216		81: 2,822,956		180: 2,835,209
	2,842,281		2,826,325		2,853,203		2,840,260		2,858,961		2,865,579
	2,826,325		2,832,495		2,846,110		2,847,141		82: 2,823,532		2,841,311
	2,832,495		2,838,199		2,847,141		2,853,203		2,823,532		181: 2,828,053
	2,838,199		2,842,281		2,848,133		2,839,216		2,829,801		2,841,312
	2,842,281		2,826,325		2,853,203		2,840,260		2,839,221		182: 2,831,613
	2,826,325		2,832,495		2,846,110		2,847,141		2,858,962		183: 2,835,414
	2,832,495		2,838,199		2,847,141		2,853,203		2,860,820		2,837,245
	2,838,199		2,842,281		2,848,133		2,839,216		83: 2,828,890		184: 2,827,206
	2,842,281		2,826,325		2,853,203		2,840,260		2,838,206		2,840,276
	2,826,325		2,832,495		2,846,110		2,847,141		2,849,156		2,856,100
	2,832,495		2,838,199		2,847,141		2,853,203		86: 2,846,120		2,858,052
	2,838,199		2,842,281		2,848,133		2,839,216		88: 2,837,242		189: 2,833,445
	2,842,281		2,826,325		2,853,203		2,840,260		2,858,050		2,849,158
	2,826,325		2,832,495		2,846,110		2,847,141		89: 2,845,201		2,856,101
	2,832,495		2,838,199		2,847,141		2,853,203		90: 2,830,732		191: 2,839,224
	2,838,199		2,842,281		2,848,133		2,839,216		92: 2,829,802		192: 2,819,824
	2,842,281		2,826,325		2,853,203		2,840,260		2,830,733		2,828,891
	2,826,325		2,832,495		2,846,110		2,847,141		95: 2,829,803		2,831,614
	2,832,495		2,838,199		2,847,141		2,853,203		2,833,444		2,834,518
	2,838,199		2,842,281		2,848,133		2,839,216		2,859,899		2,840,277
	2,842,281		2,826,325		2,853,203		2,840,260		97: 2,845,202		2,850,214
	2,826,325		2,832,495		2,846,110		2,847,141				
	2,832,495		2,838,199		2,847,141		2,853,203				
	2,838,199		2,842,281		2,848,133		2,839,216				
	2,842,281		2,826,325		2,853,203		2,840,260				
	2,826,325		2,832,495		2,846,110		2,847,141				
	2,832,495		2,838,199		2,847,141		2,853,203				
	2,838,199		2,842,281								

222—	193: 2,862,646	222—	394: 2,856,105	222—	568: 2,837,256	222—	110: 2,829,812	228—	65: 2,853,221	229—	33: 2,844,295
	194: 2,854,173		2,858,053		569: 2,821,332		111: 2,828,057		67: 2,837,260		2,858,058
	203: 2,854,174		2,861,723		2,834,521		2,840,285	229—	1.6: 2,827,217	34:	2,828,059
	204: 2,835,415		2,862,648		570: 2,846,126	224—	1: 2,828,058		2,840,292		2,835,430
	205: 2,822,938		396: 2,852,169		571: 2,822,965		2,850,747		2,842,301		2,836,341
	207: 2,821,330		397: 2,822,961		2,839,230		2,819,830		2,853,222		2,843,308
	2,824,672		399: 2,842,293		574: 2,866,582		2,832,519		2,850,113		2,843,307
	2,836,329		402: 2,853,212		575: 2,836,333		2,838,219		2,831,623		2,845,211
	2,853,210		410: 2,830,746	223—	1: 2,852,171		4: Re.24,502	2.5:	2,832,522		2,846,133
	2,855,127		2,846,125		2,857,085		2,827,213		2,863,595		2,852,178
209:	2,825,492		421: 2,829,807		2,853,214		2,828,901		2,865,547		2,854,183
	2,833,448		2,829,808		2,863,591		2,840,286		2,865,548		2,866,587
	2,854,175		422: 2,832,513		21: 2,842,297		5: 2,822,116	4.5:	2,845,209	35:	2,833,459
	2,844,285		424: 2,859,900		28: 2,851,206		2,827,214		2,848,151		2,837,261
212:	2,857,080		426: 2,842,294		30: 2,837,257		2,841,317		2,858,057	36:	2,829,817
214:	2,862,647		439: 2,852,170		2,840,283		2,846,129	5.5:	2,819,006		2,838,222
	2,865,537		440: 2,820,579		2,850,218		2,850,220		2,819,007	37:	2,857,090
215:	2,819,825		2,825,494		33: 2,863,592		2,856,111		2,820,584		2,824,682
217:	2,827,207		442: 2,824,676		34: 2,834,522		7: 2,852,173		2,827,218		2,825,496
231:	2,861,720		2,835,419		35: 2,822,966		2,861,727	6:	2,834,530		2,826,350
232:	2,852,163		446: 2,839,226		37: 2,849,167		2,865,544		2,844,293		2,828,060
239:	2,838,961		449: 2,837,250		2,853,215		8: 2,822,117		2,844,294		2,836,342
240:	2,846,123		453: 2,828,893		38: 2,858,967		14: 2,864,541	7:	2,826,348		2,840,294
242:	2,818,143		2,864,538		41: 2,864,539		15: 2,837,258		2,832,523		2,841,319
	2,850,215		454: 2,819,000		46: 2,828,896		2,837,259		2,832,524		2,843,308
246:	2,861,721		455: 2,834,519		49: 2,848,147		16: 2,861,728		2,838,220		2,858,968
250:	2,844,286		2,853,213		51: 2,848,146		25: 2,836,334		2,839,234		2,865,552
254:	2,838,835		457: 2,836,330		52.1: 2,829,809		28: 2,824,681		2,846,130		2,865,553
255:	2,853,211		457.5: 2,821,331		2,847,150		29: 2,822,968		2,847,151	38:	2,835,431
	2,857,081		460: 2,838,211		57: 2,834,523		32: 2,850,221	8:	2,823,844	39:	2,823,848
	2,857,082		466: 2,844,288		2,838,216		35: 2,840,287	14:	2,822,970		2,826,351
256:	2,824,673		468: 2,845,204		2,854,177		42.03: 2,835,424		2,827,219		2,827,221
	2,833,449		473: 2,838,212		60: 2,838,217		42.1: 2,829,813		2,828,902		2,828,904
260:	2,839,804		478: 2,825,495		2,842,298		2,833,453		2,828,903		2,832,527
263:	2,852,164		2,827,210		61: 2,835,421		2,840,288		2,835,428		2,835,432
272:	2,819,826		2,840,280		63: 2,859,902		2,844,291		2,836,338		2,841,320
274:	2,851,200		2,861,724		65: 2,856,107		2,848,148		2,845,210		2,844,296
283:	2,861,722		479: 2,828,054		67: 2,823,838		2,859,904		2,847,152		2,845,212
285:	2,824,674		2,841,313		68: 2,821,333		42.12: 2,839,232		2,853,223		2,866,588
286:	2,819,827		480: 2,826,343		2,824,677		42.14: 2,852,174		2,856,114	40:	2,824,683
305:	2,840,278		2,828,894		2,843,296		42.21: 2,819,004		2,866,584		2,837,262
306:	2,820,577		2,832,514		69: 2,854,178		42.24: 2,831,622	15:	2,823,845		2,839,235
309:	2,837,246		2,849,164		70: 2,841,315		42.31: 2,832,520		2,830,749		2,851,210
	2,849,159		481: 2,822,962		73: 2,839,231		42.32: 2,822,969		2,840,293		2,860,824
310:	2,852,165		2,851,201		2,845,205		42.42: 2,851,207		2,852,177	41:	2,819,833
311:	2,852,166		2,857,084		75: 2,854,179		42.45: 2,843,301		2,866,585		2,844,297
321:	2,837,247		482: 2,859,901		76: 2,832,518		2,854,219		2,857,088		2,861,734
	2,846,124		484: 2,831,619		2,856,108		42.46: 2,830,748		2,859,905	42:	2,821,336
	2,865,538		2,836,331		2,856,109		2,835,425		2,865,549		2,860,825
323:	2,818,999		2,839,227		77: 2,865,542		45: 2,843,302		2,819,831	43:	2,828,061
	2,820,578		2,840,281		83: 2,822,114		2,865,545		2,819,832		2,837,263
	2,830,742		485: 2,826,344		2,823,839		46: 2,821,335		2,820,585		2,837,264
324:	2,849,160		2,826,345		2,846,127		2,845,206		2,822,118		2,849,170
326:	2,844,287		2,835,420		2,864,540		2,848,149		2,826,349		2,864,546
327:	2,822,959		2,840,282		85: 2,855,132		2,861,729		2,842,302	44:	2,824,684
	2,833,450		2,842,295		88: 2,819,002		48: 2,826,346		2,847,153		2,834,532
	2,833,451		2,856,106		2,819,003		2,826,347		2,848,152		2,858,969
	2,838,210		490: 2,837,251		2,820,582		2,845,207		2,848,153		2,865,554
328:	2,849,161		494: 2,837,252		2,820,583		49: 2,823,843		2,850,222	45:	2,827,222
330:	2,848,144		498: 2,838,213		2,822,967		54: 2,832,521		2,861,732		2,828,905
331:	2,840,279		499: 2,844,289		2,824,678	227—	24: 2,842,300		2,861,733		2,839,236
332:	2,827,208		502: 2,836,332		2,829,810		2,853,220		2,865,550		2,858,959
	2,842,291		2,838,214		2,866,583		26: 2,836,335		2,866,586	47:	2,819,009
333:	2,829,805		2,850,216		2,819,828		27: 2,835,426		2,866,587		2,822,973
	2,858,965		504: 2,858,966		2,827,211		49: 2,833,454	20:	2,833,455		2,837,265
	2,865,539		505: 2,849,165		2,856,110		2,834,525	22:	2,836,339		2,837,266
334:	2,825,493		2,851,202		91: 2,823,840		2,855,133	23:	2,819,008		2,863,597
335:	2,830,743		509: 2,820,580		2,823,841		2,857,086		2,822,971		2,826,352
340:	2,837,248		512: 2,866,580		2,824,679		2,829,814		2,822,972		2,828,062
341:	2,835,416		513: 2,828,055		2,846,128		2,864,543		2,823,846		2,828,846
	2,847,147		517: 2,831,620		2,849,168		6: 2,827,215		2,829,815		2,829,815
	2,865,540		2,837,253		2,861,725		2,864,543		2,829,816		2,836,343
352:	2,855,128		2,841,314		92: 2,835,422		12: 2,861,730		2,832,525		2,842,304
354:	2,852,167		2,849,166		2,849,169		15: 2,845,208		2,833,456		2,844,298
355:	2,835,417		2,860,821		2,861,726		16: 2,834,526		2,851,208		2,845,213
357:	2,830,744		520: 2,850,217		2,860,821		17: 2,843,303		2,863,596		2,852,179
361:	2,855,129		521: 2,823,836		2,828,897		2,865,546		2,864,545		2,852,180
	2,857,083		2,838,215		2,829,811		17.3: 2,860,822		2,838,221	27:	2,854,184
368:	2,824,675		525: 2,834,520		2,831,621		19.2: 2,852,175		2,846,131		2,858,060
371:	2,833,446		528: 2,820,581		2,840,284		20: 2,836,336		2,850,223		2,864,547
375:	2,849,162		529: 2,832,515		2,843,297		21: 2,857,087		2,850,224		2,864,548
376:	2,832,512		530: 2,822,963		2,843,298		23: 2,834,527		2,854,181		2,865,555
381:	2,827,209		531: 2,832,516		2,853,216		2,836,337		2,854,182		2,866,589
386.5:	2,855,130		2,837,254		2,822,115		25: 2,834,528		2,855,135		2,866,590
	2,865,541		2,862,649		2,824,680	96:	2,824,680	28:	2,820,586		2,824,495
389:	2,847,148		536: 2,828,895		2,827,212		2,828,898		2,833,457		2,828,063
391:	2,831,615		537: 2,839,228		2,828,898		2,835,423		2,833,458		2,828,064
394:	2,822,960		538: 2,837,255		2,835,423		2,842,299		2,865,551		2,831,624
	2,828,892		541: 2,822,964		2,842,299		2,850,219		2,836,340		2,834,533
	2,829,806		542: 2,848,145		2,821,334		40: 2,834,529		2,842,303		2,838,223
	2,830,745		543: 2,851,203		2,828,899	98:	2,819,829		2,843,305		2,844,299
	2,831,616		544: 2,847,149		2,834,524		42: 2,840,289		2,857,089		2,846,134
	2,831,618		545: 2,832,517		2,838,218		45: 2,863,593		2,827,220		2,848,154
	2,835,418		2,855,131		2,841,316		48: 2,819,005		2,846,132		2,851,211
	2,837,249		546: 2,823,837		2,843,299		2,852,176		2,847,154		2,853,224
	2,839,225		549: 2,842,296		2,843,300		2,863,594		2,859,906		2,863,598
	2,842,292		553: 2,858,054		2,853,217		2,862,650		2,860,823		2,866,599
	2,845,203		555: 2,833,452		2,853,218		58: 2,844,292		2,861,735		2,868,599
	2,849,163		557: 2,851,205		2,859,903		60: 2,840,291		2,862,650		2,870,599
	2,852,168		562: 2,844,290		102: 2,865,543		62: 2,835,427		2,863,594		2,872,599
	2,854,176		566: 2,819,001		106: 2,						

229—	55: 2,858,970	230—	114: 2,842,305	230—	207: 2,843,313	235—	60: 2,832,531	235—	61: 2,846,141	235—	61.7: 2,845,224	
	57: 2,821,337		2,844,303		2,858,975		2,832,532		2,846,142		2,850,237	
	2,864,549		2,850,226		215: 2,828,907		2,833,466		2,846,143		61.8: 2,837,276	
	58: 2,853,225		2,850,227		231: 2,848,157		2,833,467		2,847,159		2,865,568	
	62: 2,819,010		2,853,227		232: 2,843,314		2,834,542		2,848,159		61.9: 2,819,841	
	2,825,497		2,857,092		2,846,140		2,835,441		2,848,160		2,835,443	
	2,835,433		2,858,062		235: 2,840,300		2,836,354		2,848,161		62: 2,838,235	
	2,843,309		2,862,654		2,843,315		2,845,218		2,848,162		2,861,746	
62.5:	2,821,338		2,863,601	249.5:	2,844,306		2,850,231		2,849,180		63: 2,822,981	
	2,830,750		2,837,270	254:	2,838,229		2,851,217		2,849,181		2,824,695	
	2,838,225	115:	2,858,974	259:	2,836,350	60.12:	2,842,310		2,849,182		2,828,913	
	2,845,214		2,822,974	264:	2,860,829		2,864,554		2,849,183		2,828,914	
	2,855,136	116:	2,823,851	269:	2,828,068	60.17:	2,857,098		2,849,184		2,838,236	
	2,865,556		2,842,306	273:	2,857,095		2,858,977		2,850,232		2,847,160	
63:	2,849,171		2,843,311		2,862,657	60.2:	2,832,533		2,850,233		2,852,192	
65:	2,855,137		2,849,174	275:	2,829,819		2,837,275		2,850,234		2,864,559	
66:	2,851,212		2,860,827	231—	2,839,242		2,838,231		2,850,235	64.7:	2,823,858	
68:	2,825,498		2,864,552	232—	5: 2,822,125		2,832,534		2,850,236		2,824,696	
	2,827,223		2,822,122		2,835,438	60.27:	2,861,739		2,851,219		2,824,696	
69:	2,824,685		2,822,123		2,839,243	60.29:	2,856,125		2,852,187		2,830,760	
	2,824,686		2,823,852		2,863,603	60.46:	2,836,355		2,852,188		2,854,193	
70:	2,835,434		2,825,500	6:	2,836,351	60.47:	2,849,179		2,852,189	69:	2,848,164	
	2,840,295		2,828,066	7:	2,835,439		2,851,218		2,852,190	70:	2,828,915	
	2,840,296		2,830,752		2,865,561		2,854,190		2,852,191		2,845,225	
	2,858,061		2,842,307	15:	2,828,908	61:	Re.24,447		2,853,234		2,863,605	
72:	2,843,310		2,847,156		2,828,909		2,819,016		2,853,235	71:	2,823,859	
	2,855,138		2,850,228		2,856,122		2,819,017		2,853,236		2,825,504	
	2,860,826		2,854,188	17:	2,860,830		2,819,018		2,854,191		2,826,361	
	2,863,599		2,855,141	19:	2,829,820		2,819,019		2,854,192		2,834,545	
73:	2,829,818		2,866,594		2,849,175		2,819,839		2,855,145		2,834,546	
	2,846,135	119:	2,819,012	25:	2,832,529		2,819,840		2,855,146	74:	2,827,234	
77:	2,847,155		2,852,181	34:	2,843,316		2,822,130		2,855,147	78:	2,825,505	
	2,849,172	120:	2,830,753	35:	2,827,228		2,822,131		2,855,148	79:	2,830,761	
	2,866,591		2,844,304		2,834,539		2,822,977		2,856,126		2,832,540	
85:	2,828,065		2,851,214		2,836,352		2,822,978		2,856,127		2,840,310	
	2,833,461		2,859,909		2,838,230		2,822,979		2,856,128	79.5:	2,827,235	
	2,859,907		2,859,910		2,849,176		2,823,855		2,857,099	83:	2,828,916	
86:	2,858,971		2,830,754		2,852,185		2,823,856		2,857,100	84:	2,852,193	
87:	2,835,435	122:	2,831,629		2,853,230		2,823,857		2,858,068	86:	2,819,021	
	2,844,300		2,839,239		2,856,123		2,824,689		2,858,069		2,819,022	
	2,845,215		2,846,136		2,859,913		2,824,690		2,858,070	88:	2,834,547	
90:	2,838,226		2,846,137		2,864,553		2,824,691		2,858,071	91:	2,826,362	
92.1:	2,856,115		2,848,155	39:	2,841,327		2,825,502		2,858,978		2,826,363	
2:	2,826,353	127:	2,819,837		2,845,217		2,826,357		2,858,979		2,830,762	
9:	2,841,321		2,836,347	43.1:	2,849,177		2,826,358		2,858,980		2,848,165	
2:	2,841,322		2,841,326	43.2:	2,849,178		2,826,359		2,858,981		2,858,982	
11:	2,823,849		2,845,216	43.4:	2,853,231		2,827,231		2,859,914		2,858,983	
19:	2,825,499		2,856,117	44:	2,842,308		2,827,232		2,859,915	92:	2,820,592	
20:	2,822,121	128:	2,819,838	45:	2,834,540		2,827,233		2,859,916		2,822,982	
21:	2,833,462		2,855,142		2,822,126		2,828,070		2,860,831		2,822,983	
	2,854,187	130:	2,855,143		2,826,355		2,828,910		2,861,740		2,824,697	
24:	2,831,625	132:	2,830,755		2,837,271		2,828,911		2,861,741		2,824,698	
31:	2,836,345		2,832,528		2,858,063		2,829,822		2,861,742		2,826,364	
	2,865,557		2,840,298	2:	2,822,127		2,829,823		2,861,743		2,826,365	
33:	2,826,354		2,848,156	7:	2,837,272		2,829,824		2,861,744		2,828,071	
45:	2,849,173	133:	2,833,463		2,856,124		2,829,825		2,861,745		2,828,072	
47:	2,862,651		2,834,537		2,862,658		2,829,826		2,862,660		2,830,763	
49:	2,819,835		2,856,118	11:	2,854,189		2,829,827		2,862,661		2,831,635	
	2,865,558		2,857,093	14:	2,837,273		2,829,828		2,863,604		2,832,541	
52:	2,856,116		2,831,630	15:	2,819,014		2,829,829		2,864,555		2,833,476	
	2,863,600	134:	2,833,464		2,819,015		2,830,758		2,864,556		2,835,445	
53:	2,844,301		2,836,348		2,840,301		2,831,632		2,864,557		2,836,356	
54:	2,866,592		2,840,299	20:	2,820,589		2,832,535		2,865,563		2,837,281	
55:	2,839,237		2,850,229		2,840,302		2,832,536		2,865,564		2,840,311	
	2,865,559		2,852,182		2,862,659		2,833,468		2,865,565		2,841,334	
56:	Re.24,522		2,857,094	21:	2,823,853		2,833,469		2,865,566		2,842,313	
	2,828,906		2,861,738	23:	2,827,229		2,834,543		2,865,567		2,843,320	
	2,831,626		2,827,225	24:	2,858,064		2,835,442		2,866,596		2,844,314	
	2,862,652	135:	2,830,756		2,865,562		2,835,444		2,866,597		2,844,315	
58:	2,823,850	138:	2,830,756	26:	2,820,590		2,836,356	61.1:	2,825,503		2,844,316	
	2,844,302		2,860,828		2,821,339		2,836,357		2,828,912		2,844,317	
	2,853,226	140:	2,839,240		2,834,541		2,836,358		2,844,307		2,847,161	
	2,855,139	141:	2,822,124	27:	2,852,186		2,836,359	61.11:	2,819,020		2,847,162	
	2,864,550		2,862,655	28:	2,840,303		2,837,277		2,822,980		2,848,166	
	2,864,551	143:	2,847,157	29:	2,847,158		2,837,278		2,829,831		2,850,239	
60:	2,836,346	145:	2,856,119	46:	2,821,340		2,838,232		2,830,759		2,850,240	
	2,841,323	147:	2,859,911		2,828,069		2,838,233		2,831,634		2,850,241	
	2,841,324	150:	2,856,120	235—	1:	2,820,591		2,839,244		2,832,538		2,851,220
	2,850,225	152:	2,827,226		2,835,440		2,839,245		2,833,473		2,852,194	
	2,858,972		2,831,631		2,851,215		2,839,246		2,833,474		2,853,238	
79:	2,861,736		2,833,465		2,857,096		2,840,304		2,837,280		2,855,149	
85:	2,862,653		2,846,138		2,857,097		2,840,305		2,842,312		2,856,129	
92:	2,858,973		2,852,183		2,858,065		2,840,306		2,843,319		2,857,101	
96:	2,851,213	158:	2,824,687	2:	2,853,232		2,840,307		2,850,238		2,860,832	
	2,859,908	159:	2,853,228	6:	2,858,066		2,840,308		2,853,237		2,862,662	
	2,866,593	160:	2,825,501	22:	2,836,353		2,840,309		2,864,558		2,862,663	
101:	2,819,011	162:	2,830,757	23:	2,822,128		2,841,328		2,866,598		2,866,599	
	2,839,238		2,855,144		2,853,233		2,841,329	61.12:	2,833,475		2,836,361	
	2,840,297	170:	2,819,013		2,858,067		2,841,330		2,838,234	94:	2,838,237	
	2,855,140		2,846,139	31:	2,822,975		2,841,331		2,848,163		2,840,312	
	2,865,560	172:	2,839,241	32:	2,848,158		2,841,332		2,858,073		2,828,074	
105:	2,861,737		2,859,912	47:	2,858,976		2,842,311	61.5:	2,824,692		2,819,842	
114:	2,819,836	174:	2,828,067	55:	2,826,356		2,843,317		2,824,693	98:	2,828,917	
	2,820,588		2,834,538	58:	2,837,274		2,843,318		2,832,537		2,843,321	
	2,827,224	175:	2,863,602	59:	2,822,129		2,844,308		2,833,470		2,844,318	
	2,830,751	181:	2,852,184		2,842,309		2,844,309		2,833,471		2,846,144	
	2,831,627	184:	2,827,227		2,850,230		2,844,310	61.6:	2,824,694		2,855,150	
	2,831,628	186:	2,835,436	60:	2,821,341		2,844,311		2,826,360	99:	2,829,832	
	2,834,534	187:	2,856,121		2,821,342		2,844,312		2,829,830		2,860,600	
	2,834,535	192:	2,843,312		2,822,976		2,844,313		2,831,633	103:	2,852,542	
	2,834,536	200:	2,853,229		2,823,854		2,845,219		2,833,472		2,858,984	
	2,837,269	202:	2,862,656		2,824,688		2,845,220		2,834,544			

235—	114:	2,838,239	236—	45:	2,840,317	240—	1.3:	2,858,415	240—	37:	2,866,085	241—	24:	2,865,570	241—	190:	2,828,923	
		2,842,314		48:	2,825,507			2,863,988		37.1:	2,863,038		30:	2,833,481			2,853,247	
		2,866,601			2,843,323		1.4:	2,827,554		38:	2,841,694			2,833,482		194:	2,822,138	
115:		2,829,833		49:	2,831,638			2,846,566			2,859,332		32.5:	2,860,834		199:	2,844,329	
117:		2,845,226			2,843,324		2:	2,825,796		41:	2,823,301		35:	2,821,345			2,856,135	
128:		2,832,543		50:	2,848,168			2,826,677			2,824,214			2,843,327		205:	2,834,555	
		2,841,335		53:	2,825,508			2,827,555			2,827,562			2,848,171		208:	2,829,842	
130:		2,826,365		59:	2,825,509			2,827,566			2,831,964		36:	2,839,250		209:	2,832,547	
132:		2,827,237			2,829,836			2,836,708		41.3:	2,863,989		37:	2,833,483		211:	2,820,596	
		2,842,315		62:	2,820,594			2,839,669		41.4:	2,846,568		38:	2,853,240		215:	2,833,486	
		2,858,985		66:	2,845,227			2,839,670		41.5:	2,826,682		39:	2,821,346		216:	2,831,640	
		2,861,747		68:	2,823,861			2,847,559		41.6:	2,824,215			2,858,079		222:	2,828,924	
133:		2,858,074			2,836,366			2,851,585		46.07:	2,834,874		40:	2,851,223		230:	2,843,330	
136:		2,838,240		78:	2,823,862			2,860,232		46.13:	2,820,883		43:	2,846,152		239:	2,820,597	
137:		2,826,366			2,839,537		2.1:	2,827,557		46.31:	2,863,039		46:	2,819,847		242:	2,857,110	
		2,832,544			2,841,336			2,837,628		46.39:	2,830,174			2,819,848		243:	2,841,341	
		2,836,362		79:	2,848,169		2.13:	2,831,959		46.41:	2,830,175			2,824,702		244:	2,850,246	
138:		2,838,241			2,868,603			2,842,657		46.45:	2,855,500			2,824,703		245:	2,852,202	
		2,840,313		80:	2,825,510		2.18:	2,858,416		46.59:	2,829,242			2,828,082		257:	2,844,330	
139:		2,847,163		82:	2,828,077		3:	2,826,678			2,835,790			2,828,083			2,846,155	
144:		2,833,477			2,852,197			2,835,788		51.11:	2,820,884			2,828,084			2,848,172	
		2,836,363		86:	2,829,837			2,854,562			2,825,798			2,829,838			2,853,248	
		2,842,316			2,831,639		3.1:	2,833,915			2,826,683			2,832,546			2,853,249	
		2,846,145		87:	2,839,248		4.2:	2,821,620			2,837,631			2,836,369		259:	2,852,203	
		2,847,164		91:	2,824,699			2,834,872			2,847,561			2,838,245		260:	2,858,990	
		2,858,986			2,847,166			2,853,594			2,848,599			2,842,320		262:	2,861,749	
145:		2,828,918		96:	2,849,158		6:	2,819,385			2,848,600			2,843,328			2,866,605	
		2,856,130		98:	2,836,367		6.4:	2,825,797			2,849,599			2,844,328		267:	2,828,925	
		2,862,664		99:	2,822,134			2,854,563			2,849,600			2,847,168		275:	2,844,331	
236—	1:	2,835,446			2,822,135			2,855,497			2,852,663			2,850,244		276:	2,844,332	
		2,836,364			2,822,985		6.41:	2,844,710			2,864,939			2,852,200		285:	2,860,837	
		2,838,242			2,826,368		6.44:	2,827,558		52:	2,851,587			2,857,109		286:	2,824,704	
		2,844,319			2,830,767		6.45:	2,827,559		52.1:	2,825,799			2,860,835		291:	2,826,371	
9:		2,822,984			2,833,479			2,849,594		52.2:	2,849,601		47:	2,838,246		294:	2,843,331	
		2,828,920			2,837,287		6.46:	2,854,564			2,838,655		53:	2,828,921		297:	2,857,111	
		2,830,764			2,845,228		7.1:	2,828,407		54:	2,855,501		54:	2,841,339			2,865,572	
		2,835,447			2,855,152			2,831,960			2,861,175		56:	2,839,251		298:	2,832,548	
		2,835,448			2,855,153			2,855,498			2,823,302		60:	2,838,247			2,858,991	
		2,849,185			2,855,154			2,860,233		65:	2,846,570		62:	2,846,153		298:	2,822,988	
		2,857,103			2,857,106		7.35:	2,843,729		67:	2,824,216		65:	2,853,241		300:	2,851,225	
		2,862,665			2,858,076		7.5:	2,850,621		73:	2,841,695		67:	2,834,552			2,863,610	
		2,862,666		101:	2,819,025		7.55:	2,866,890			2,855,502		68:	2,853,242		1:	2,833,250	
10:	Re.24,421				2,858,987		7.7:	2,843,728		78:	2,824,217		78:	2,830,770		1.1:	2,845,453	
		2,831,636		102:	2,843,325			2,859,831			2,825,800		79:	2,839,252			2,847,170	
		2,838,243		2:	2,823,863		8.1:	2,829,241			2,826,684		81:	2,834,553		2:	2,855,158	
12:		2,819,843		8:	2,837,288			2,831,961			2,828,409			2,849,189		3:	2,826,372	
		2,820,593			2,840,314		8.16:	2,820,885			2,829,243		84:	2,840,318		4:	2,819,850	
		2,826,367			2,841,337			2,823,299			2,829,244			2,843,329			2,820,598	
		2,827,238			2,846,148			2,824,954			2,835,791		88:	2,833,484			2,850,247	
		2,828,075			2,856,132			2,826,680			2,837,632		89:	2,819,027			2,857,112	
		2,830,765			2,857,107			2,830,172			2,840,691			2,828,922			2,863,609	
		2,830,766		9:	Re.24,513			2,835,789			2,851,588			2,829,839			2,865,573	
		2,837,282			2,851,222			2,846,567			2,855,503		90:	2,856,133			2,865,574	
		2,837,283		17:	2,822,136			2,847,560			2,857,508		91:	2,837,289		7:	2,822,989	
		2,839,247		49:	2,858,077			2,858,417			2,859,333		92:	2,823,870			2,855,159	
		2,844,320		50:	2,823,864			2,860,234			2,860,237			2,838,248			2,858,084	
		2,844,321		51:	2,828,078		8.2:	2,830,171			2,863,040			2,852,201			2,858,992	
		2,855,151		53:	2,857,108			2,853,595			2,863,990			2,853,243			2,862,670	
13:		2,819,023		56:	2,860,833		8.25:	2,851,586		81:	2,820,886			2,855,157			2,862,671	
		2,821,343		69:	2,863,606		8.3:	2,827,560			2,836,710		97:	2,825,511			2,863,610	
		2,822,132		73:	2,844,324			2,840,688			2,850,622		99:	2,820,595		9:	2,836,370	
		2,828,076		79:	2,865,569			2,866,082			2,863,041			2,866,604			2,846,156	
		2,835,449		238—	4:	2,853,239		9:	2,828,408		83:	2,820,887		100.5:	2,819,028		18:	2,827,243
		2,844,322			7:	2,844,325			2,831,962			2,828,922			2,828,085			2,846,157
		2,850,242			8:	2,828,079			2,839,671			2,851,588			2,829,840			2,857,113
		2,856,131				2,828,080			2,839,672			2,855,503			2,829,839			2,863,611
		2,858,075				2,833,480			2,849,595		106.1:	2,848,601			2,820,841			2,863,612
14:	2,831,637				2,835,451			2,853,596			2,853,599			2,834,554		18.1:	2,862,672	
15:	2,849,186				2,839,249			2,854,565			2,853,599			2,846,154		22:	2,836,371	
	2,851,221				2,854,194		10:	2,821,621			2,829,245			2,851,224		25:	2,845,229	
	2,857,104				2,819,026			2,831,963			2,834,875			2,858,989			2,863,613	
	2,866,602				2,852,198			2,857,506			2,841,696			2,860,836			2,864,563	
20:	2,846,146				2,854,195			2,867,082			2,841,697			2,863,991		26.1:	2,857,114	
21:	Re.24,442			14:	2,823,865		10.1:	2,840,689			2,857,509		101:	2,833,485		27:	2,827,244	
	2,822,133			14.05:	2,830,768			2,857,507			2,866,087			2,839,253			2,859,918	
	2,836,365			14.13:	2,834,551		10.6:	2,823,300			2,840,692		102:	2,827,241		37:	2,837,291	
	2,848,167			14.9:	2,834,550			2,837,629			2,858,418		111:	2,854,196		43:	2,830,774	
23:	2,852,196			59:	2,841,338			2,837,630			2,822,462		117:	2,848,170			2,848,173	
25:	2,849,187			133:	2,855,155			2,855,499			2,821,387		142:	2,819,387			2,853,244	
26:	2,823,860			149:	2,850,243		10.61:	2,826,681			2,820,888		135:	2,853,244		43.1:	2,858,993	
	2,827,239			159:	2,863,607		10.63:	2,849,596			2,855,504		138:	2,858,080		45:	2,825,512	
32:	2,846,147			219:	2,843,326			2,861,174			2,856,515			2,862,668			2,834,556	
	2,862,667			231:	2,822,137		10.65:	2,843,730			2,856,515		154:	2,839,254				

242—55.12:	2,862,675	242—84.8:	2,837,206	244—15:	2,821,350	244—83:	2,830,778	246—41:	2,859,335	248—106:	2,828,097
	2,864,564	85:	2,851,228		2,821,351		2,835,459	126:	2,852,665		2,856,145
55.14:	2,855,160	86.5:	2,823,873		2,836,379		2,835,460	130:	2,826,686	115:	2,849,203
55.15:	2,833,488		2,828,089		2,838,256		2,835,461		2,838,656	116:	2,861,763
55.2:	2,838,249		2,839,257		2,840,322		2,849,198		2,850,623	117.2:	2,844,343
	2,858,994		2,857,117		2,863,620		2,852,215		2,852,666	117.7:	2,866,614
55.3:	2,826,373	96:	2,826,377	17.11:	2,847,173		2,857,120		2,863,993	119:	2,828,931
	2,833,487	107.3:	2,860,842	17.17:	2,862,680		2,864,571	134:	2,851,590		2,851,235
	2,840,319	107.4:	2,843,335	17.19:	2,835,457		2,866,611		2,853,600	120:	2,819,859
	2,858,995		2,845,233	17.25:	2,823,875	85:	2,857,121	159:	2,858,419		2,823,883
	2,861,751		2,845,234	17.27:	2,835,458	90:	2,820,601	160:	2,827,563		2,828,932
55.4:	2,819,851	110.2:	2,839,258	23:	2,828,929		2,821,352		2,841,698		2,828,933
	2,836,373		2,866,606		2,829,846		2,846,165	161:	2,841,699		2,833,501
	2,858,086	117:	2,846,162		2,834,560		2,853,256	163:	2,829,246		2,836,384
55.5:	2,832,549		2,855,162		2,838,257		2,859,927	182:	2,838,657		2,841,350
	2,834,557	118:	2,861,755		2,843,240	98:	2,856,142	242:	2,852,667		2,844,344
	2,839,255	118.11:	2,844,333		2,863,621		2,857,122	246:	2,831,965	122:	2,844,345
55.51:	2,826,374		2,853,253	31:	2,823,876		2,826,381		2,848,602	124:	2,840,332
	2,861,753	118.3:	2,860,843		2,844,336	102:	2,842,325	249:	2,847,562	125:	2,855,169
	2,862,676	118.6:	2,866,607		2,845,236		2,844,339	258:	2,829,851		2,863,626
55.53:	2,819,852	118.62:	2,837,297		2,858,090		2,856,143		2,866,612	128:	2,819,860
56:	2,830,775	118.7:	2,824,706	33:	2,864,569		2,859,006	411:	2,819,857	141:	2,830,782
	2,834,558		2,828,090	39:	2,860,846		2,863,623	468:	2,853,260		2,844,346
	2,839,256		2,856,137	40:	2,833,492	103:	2,842,326		1: 2,844,341	146:	2,829,853
	2,845,231	118.8:	2,824,707	42:	2,826,379		2,843,345	248—	3: 2,865,585		2,831,644
	2,849,191		2,852,206		2,836,380		2,851,231		4: 2,822,142		2,839,260
	2,860,839	125:	2,838,254		2,841,344		2,861,759		9: 2,828,929		2,861,764
56.1:	2,841,342	125.1:	2,824,708		2,843,341	104:	2,849,199		2,859,929	147:	2,838,264
57:	2,825,513		2,858,999		2,844,337	105:	2,837,303		2,858,095		2,841,351
57.1:	2,827,246	125.2:	2,819,853		2,852,209	110:	2,838,259		2,858,095		2,862,683
	2,860,840		2,859,000		2,852,211		2,844,340	10:	2,864,574	148:	2,837,305
	2,860,841	127:	2,827,247		2,859,004		2,846,166		2,865,586	150:	2,829,854
65:	2,837,293	128:	2,819,854	43:	2,822,995		2,853,257	13:	2,830,779	156:	2,842,328
66:	2,858,997		2,828,091		2,836,381		2,854,201		2,844,342	158:	2,825,517
67.1:	2,846,159		2,842,323		2,858,091		2,859,928	16:	2,854,202	161:	2,846,171
	2,851,226		2,844,334	44:	2,851,229		2,864,572	19:	2,855,166		2,849,204
67.2:	2,845,232		2,857,118	49:	2,837,302	111:	2,822,997	21:	2,823,882	162:	2,840,333
67.3:	2,822,990		2,858,088	50:	2,856,138		2,824,713	22:	2,830,780	164:	2,841,352
67.4:	2,837,294		2,864,565		2,866,609		2,858,092		2,833,499	165:	2,851,236
68:	2,840,320	129:	2,847,172	52:	2,822,996	113:	Re.24,561	24:	2,849,201	166:	2,836,385
	2,855,161	129.51:	2,865,577		2,829,849		2,829,849	26:	2,832,554		2,864,576
68.3:	2,831,642	129.6:	2,841,343		2,840,323		2,840,326		2,838,262	170:	2,832,555
	2,862,677	130:	2,846,163		2,840,824	114:	2,826,382		2,840,329		2,847,176
68.4:	2,853,251		2,849,196		2,857,119		2,850,252		2,843,346	171:	2,825,518
71.3:	2,830,776	130.2:	2,833,490		2,865,579		2,851,232		2,866,613		2,845,244
71.8:	2,846,160		2,836,376		2,866,610		2,839,260	27:	2,824,714		2,854,204
	2,854,199		2,840,321	54:	2,833,493		2,841,346		2,855,167		2,864,577
	2,862,678	131:	2,819,855	57:	2,865,580	117:	2,839,260		2,859,930	174:	2,825,519
71.9:	2,861,754	131.1:	2,844,335	58:	2,848,181	119:	2,819,032		2,845,242	183:	2,832,556
72:	2,848,176	134:	2,858,089	63:	2,827,248	121:	2,828,093	28:	2,845,242	185:	2,846,172
	2,849,192	135:	2,824,709		2,833,494		2,828,094	30:	2,826,384	186:	2,823,003
72.1:	2,851,227	137.1:	Re.24,560		2,843,342		2,832,553	33:	2,823,000	187:	2,834,567
74:	2,863,614		2,822,992		2,843,343	122:	2,820,602	34:	2,863,624		2,840,334
74.1:	2,859,920		2,828,928		2,845,237		2,836,382	35:	2,825,516	188:	2,852,221
74.2:	2,829,844	141:	2,848,178		2,856,135		2,840,327	37.3:	2,829,852	194:	2,843,348
	2,838,251	147:	2,859,001		2,856,136		2,853,258	38:	2,853,261	195:	2,848,183
75.4:	2,824,705	150:	2,836,377		2,862,681		2,861,760	39:	2,852,218	198:	2,844,347
75.43:	2,838,252		2,843,336	74:	2,862,682	124:	2,846,167	40:	2,828,096		2,851,237
75.45:	2,859,921		2,860,844	75:	2,859,925	127:	2,865,581	41:	2,822,143	201:	2,829,855
75.47:	2,822,991	153:	2,837,298	76:	2,819,030	135:	2,823,880		2,840,330		2,835,465
	2,838,253		2,864,566		2,851,230		2,838,261	42:	2,833,500	205:	2,831,647
	2,846,161	154:	2,823,874		2,852,212		2,849,200		2,851,234	207:	2,823,884
	2,859,922		2,833,491		2,859,926		2,852,216	43:	2,838,263	210:	2,837,306
75.5:	2,823,872	155:	2,845,235		2,861,756		2,853,259	44:	2,821,353		2,846,173
	2,828,926	156:	2,837,299	77:	2,823,877		2,819,033		2,837,304	211:	2,855,170
75.51:	2,826,375	157.1:	2,855,163		2,826,380	137:	2,819,030		2,843,347	215:	2,823,004
75.53:	2,855,454	158.2:	2,822,993		2,827,249		2,865,582		2,849,202	216:	2,819,861
77.1:	2,850,248	159:	2,855,164		2,827,250		2,865,583	45:	2,847,175		2,847,177
78.1:	2,849,193	161.1:	2,828,092		2,828,930		2,865,584		2,848,182	223:	2,846,174
78.4:	2,821,348	243—16:	2,850,249		2,829,847	138:	2,819,856	48:	2,840,331		2,859,008
	2,865,575		2,865,578		2,829,848		2,836,383		2,845,243		2,864,578
78.6:	2,837,295	244—1:	2,860,845		2,830,777	141:	2,829,850		2,854,203	224:	2,841,353
	2,848,177	2:	2,843,337		2,832,551		2,847,174		2,855,168	226:	2,819,862
78.7:	2,853,489		2,863,618		2,832,552	148:	2,845,241		2,856,144		2,833,502
	2,865,576	3:	2,848,179		2,833,495	150:	2,833,498	49:	2,823,001		2,851,238
79:	2,822,139		2,859,002		2,834,561		2,840,328		2,841,347		2,861,765
	2,857,115	7:	2,819,029		2,834,562	151:	2,852,217		2,846,168		2,865,588
81:	2,826,376		2,825,514		2,834,563		2,857,123		2,858,093	229:	2,826,387
	2,829,845		2,835,456		2,834,564	152:	2,825,515	53:	2,831,645	230:	2,846,175
82:	2,847,171		2,837,300		2,834,564		2,822,140	54:	2,819,858	235:	2,833,503
	2,849,194		2,837,301		2,838,258		2,835,462		2,835,463	239:	2,826,388
83:	2,836,374		2,850,250		2,841,345		2,839,259		2,850,253	243:	2,827,254
	2,849,195		2,852,207		2,842,324		2,827,252	62:	2,835,464	247:	2,819,863
	2,857,116		2,866,608		2,844,338	154:	2,820,603		2,846,169	261:	2,840,335
	2,863,615	9:	2,861,758		2,845,238	155:	2,822,998		2,863,625	263:	2,852,520
84.1:	2,835,455	12:	2,843,338		2,845,239		2,833,497	63:	2,831,646		2,848,184
	2,842,322		2,843,339		2,852,213	245—1.5:	2,822,141	65:	2,823,002	276:	2,832,557
	2,852,204		2,846,164		2,852,214	10:	2,826,383		2,841,348	278:	2,823,885
84.2:	2,828,088		2,848,180		2,853,254		2,851,233		2,852,219		2,863,627
	2,828,927		2,859,003		2,856,140		2,863,992	68:	2,851,762	280:	2,833,504
	2,836,375	13:	2,822,994		2,856,141	246—2:	2,863,991		2,865,587		2,834,568
	2,843,333		2,864,567		2,859,005		2,838,731	74:	2,826,385	282:	2,849,205
	2,843,334	14:	2,821,349		2,861,757	3:	2,819,388	75:	2,827,253	284:	2,865,589
	2,862,679		2,834,710		2,863,622		2,843,731		2,853,262	285:	2,827,255
	2,863,616		2,824,711		2,844,338		2,856,516		2,859,007	291:	2,856,146
84.21:	2,832,550		2,826,378	78:	2,819,031		2,864,940	78:	2,852,220	293:	2,828,098
	2,834,559		2,836,378		2,824,712		2,831,643	88:	2,842,327	295:	2,852,222
	2,852,205		2,838,255		2,831,645		2,854,566	96:			

248—	318: 2,825,521	250—	20: 2,819,391	250—	20: 2,864,946	250—	27: 2,835,809	250—	27: 2,854,573	250—	36: 2,825,810
	320: 2,833,505		2,820,139		2,864,946		2,836,714		2,854,574		2,825,811
	324: 2,861,766		2,820,892		2,865,090		2,836,715		2,854,575		2,825,813
	325: 2,837,307		2,821,622		2,836,892		2,836,716		2,854,576		2,826,691
	339: 2,831,239		2,821,623	27:	2,819,392		2,836,717		2,854,577		2,826,692
	343: 2,854,205		2,821,624		2,819,393		2,836,718		2,855,509		2,826,693
	354: 2,832,559		2,821,625		2,819,394		2,836,719		2,855,510		2,826,694
	2,844,348		2,822,466		2,819,395		2,836,720		2,855,511		2,826,695
	2,850,254		2,823,303		2,819,396		2,837,638		2,855,512		2,826,696
	2,857,125		2,823,304		2,819,397		2,837,639		2,855,513		2,827,567
355:	2,838,266		2,823,305		2,819,398		2,837,640		2,856,522		2,827,568
	2,858,094		2,824,957		2,819,399		2,837,641		2,856,523		2,827,569
356:	2,861,767		2,825,804		2,820,140		2,837,642		2,856,524		2,827,570
358:	2,828,934		2,826,687		2,820,141		2,837,643		2,856,525		2,828,419
	2,838,267		2,828,410		2,820,142		2,837,644		2,856,526		2,828,420
	2,841,354		2,828,411		2,820,893		2,837,645		2,856,527		2,829,252
	2,847,178		2,828,412		2,820,894		2,837,646		2,857,512		2,829,253
	2,852,223		2,828,413		2,820,895		2,838,661		2,857,513		2,829,254
	2,861,768		2,829,247		2,820,896		2,838,662		2,857,514		2,829,255
361:	2,822,144		2,830,177		2,820,897		2,838,663		2,857,515		2,829,256
	2,825,522		2,831,106		2,821,626		2,838,664		2,857,516		2,829,257
	2,830,783		2,831,968		2,821,627		2,838,665		2,858,425		2,829,258
	2,865,590		2,831,969		2,821,628		2,838,666		2,858,426		2,830,181
249—	2: 2,826,389		2,832,885		2,821,629		2,838,667		2,858,427		2,831,112
	2,850,255		2,834,876		2,822,467		2,838,668		2,858,428		2,831,113
	2,857,126		2,834,877		2,822,468		2,838,669		2,858,429		2,831,114
4:	2,825,523		2,834,878		2,822,469		2,839,679		2,858,430		2,831,115
5:	2,828,099		2,835,794		2,822,470		2,839,680		2,858,431		2,831,116
14:	2,828,100		2,835,795		2,822,471		2,839,681		2,858,432		2,831,974
15:	2,821,354		2,835,796		2,822,472		2,839,682		2,858,433		2,831,975
16:	2,848,185		2,835,797		2,822,473		2,840,702		2,858,434		2,831,976
	2,851,240		2,835,798		2,822,474		2,840,703		2,858,435		2,833,923
20:	2,823,005		2,835,799		2,823,274		2,840,704		2,859,339		2,833,924
36:	2,842,330		2,835,800		2,823,275		2,840,705		2,859,340		2,834,885
42:	2,833,506		2,836,711		2,823,306		2,840,706		2,859,341		2,835,811
45:	2,839,009		2,836,712		2,823,307		2,840,707		2,859,342		2,835,812
59:	2,860,847		2,836,713		2,823,308		2,840,708		2,859,343		2,835,813
62:	2,827,256		2,837,634		2,823,309		2,840,709		2,859,344		2,835,814
63:	2,828,935		2,837,635		2,823,310		2,841,704		2,890,240		2,835,815
	2,829,856		2,837,636		2,824,221		2,841,705		2,860,241		2,836,721
	2,839,262		2,837,637		2,824,222		2,841,706		2,860,242		2,836,722
	2,844,349		2,838,659		2,824,223		2,841,707		2,860,243		2,836,723
	2,844,350		2,838,660		2,824,224		2,841,708		2,861,181		2,836,724
	2,846,177		2,839,675		2,824,225		2,841,709		2,861,182		2,837,647
	2,860,848		2,839,676		2,824,226		2,841,710		2,861,183		2,837,648
	2,860,849		2,839,677		2,824,227		2,842,661		2,861,184		2,837,649
250—	1: 2,852,668		2,839,678		2,824,228		2,842,662		2,861,185		2,837,650
	2: 2,824,218		2,840,698		2,824,958		2,842,663		2,861,186		2,837,651
	2,841,700		2,840,699		2,824,959		2,842,664		2,862,103		2,837,652
	2,861,176		2,840,700		2,824,960		2,843,736		2,862,104		2,838,671
	2,864,941		2,840,701		2,824,961		2,843,737		2,862,105		2,838,672
6:	2,835,792		2,841,701		2,824,962		2,844,717		2,863,048		2,838,673
	2,842,659		2,841,702		2,825,805		2,844,718		2,863,049		2,838,674
	2,851,591		2,841,703		2,825,806		2,844,719		2,863,050		2,838,675
	2,858,420		2,843,733		2,825,807		2,844,720		2,863,051		2,839,684
	2,866,088		2,843,734		2,825,808		2,844,721		2,863,052		2,839,685
7:	2,832,884		2,843,735		2,825,809		2,844,722		2,863,053		2,839,686
	2,858,421		2,844,713		2,826,688		2,844,723		2,863,054		2,840,711
	2,833,917		2,844,714		2,826,689		2,844,724		2,863,055		2,840,712
	2,839,674		2,844,715		2,826,690		2,845,528		2,863,999		2,840,713
	2,855,505		2,844,716		2,827,564		2,845,529		2,864,000		2,840,714
	2,855,506		2,846,573		2,827,565		2,845,530		2,864,001		2,841,711
13:	2,820,889		2,847,564		2,827,566		2,845,531		2,864,947		2,841,712
	2,840,693		2,848,603		2,828,414		2,845,532		2,864,948		2,842,666
	2,846,572		2,849,602		2,828,415		2,845,533		2,864,949		2,842,667
	2,847,563		2,849,603		2,828,416		2,845,534		2,864,950		2,842,668
	2,850,624		2,849,604		2,828,417		2,846,574		2,864,951		2,842,669
	2,851,592		2,849,605		2,828,418		2,846,575		2,864,952		2,843,738
	2,863,042		2,850,625		2,829,219		2,846,576		2,864,953		2,843,739
	2,864,942		2,850,626		2,829,220		2,846,577		2,864,954		2,843,740
	2,866,089		2,851,593		2,829,250		2,846,578		2,866,091		2,843,741
14:	2,825,802		2,851,594		2,829,251		2,847,565		2,866,092		2,843,742
	2,837,633		2,852,669		2,829,252		2,847,566		2,866,093		2,843,743
	2,840,694		2,852,670		2,829,253		2,847,567		2,866,094		2,843,744
	2,856,517		2,853,601		2,830,179		2,847,568		2,866,893		2,843,745
	2,866,891		2,853,602		2,831,107		2,848,604		2,866,894		2,843,746
15:	2,820,138		2,853,603		2,831,108		2,848,605		2,866,895		2,844,725
	2,831,105		2,854,568		2,831,109		2,848,606		2,866,896		2,845,535
	2,844,711		2,854,569		2,831,110		2,848,607	30:	2,830,180		2,845,536
	2,864,943		2,854,570		2,831,111		2,848,608	31:	2,820,143		2,845,537
	2,864,944		2,854,571		2,831,970		2,848,609		2,834,884		2,845,538
16:	2,820,890		2,856,510		2,831,971		2,849,606		2,835,810		2,846,579
	2,835,793		2,856,520		2,831,972		2,849,607		2,838,670		2,846,580
	2,842,660		2,856,521		2,831,973		2,849,608		2,839,683		2,846,581
	2,863,994		2,857,511		2,832,886		2,849,609		2,842,665		2,846,582
17:	2,820,891		2,858,422		2,832,887		2,850,627		2,857,517		2,846,583
	2,822,465		2,858,423		2,832,888		2,850,628		2,864,002		2,846,584
	2,824,220		2,858,424		2,833,918		2,850,629	36:	2,820,144		2,847,569
	2,824,955		2,859,336		2,833,919		2,851,595		2,820,145		2,847,570
	2,824,956		2,859,337		2,833,920		2,851,596		2,820,898		2,847,571
	2,825,803		2,859,338		2,833,921		2,851,597		2,820,899		2,847,572
	2,830,176		2,860,238		2,833,922		2,851,598		2,820,900		2,847,573
	2,831,967		2,860,239		2,834,879		2,851,599		2,820,901		2,847,574
	2,838,658		2,861,178		2,834,880		2,851,600		2,820,902		2,847,575
	2,840,695		2,861,179		2,834,881		2,852,672		2,820,903		2,848,610
	2,840,696		2,861,180		2,834,882		2,852,673		2,821,630		2,848,611
	2,840,697		2,863,043		2,834,883		2,852,674		2,823,311		2,848,612
	2,843,732		2,863,044		2,835,801		2,853,604		2,823,312		2,848,613
	2,844,712		2,863,045		2,835,802		2,853,605		2,823,313		2,848,614
	2,855,508		2,863,046		2,835,803		2,853,606		2,823,314		2,848,615
	2,856,518		2,863,047		2,835,804		2,853,607		2,824,229		2,848,616
	2,857,510		2,863,995		2,835,805		2,853,608		2,824,230		2,848,617
	2,861,177		2,863,996		2,835,806		2,853,609		2,824,231		2,849,610
20:	2,819,389		2,863,997		2,835,807		2,853,611		2,824,963		2,849,611
	2,819,390		2,863,998		2,835,808		2,854,572		2,824,964		2,849,612

250— 36: 2,849,613 2,849,614 2,849,615 2,850,630 2,850,631 2,851,601 2,851,602 2,851,603 2,851,604 2,852,671 2,852,675 2,852,676 2,852,677 2,852,678 2,852,679 2,852,680 2,852,681 2,853,612 2,853,613 2,853,614 2,853,615 2,854,578 2,854,579 2,854,580 2,854,581 2,854,582 2,855,514 2,855,515 2,856,528 2,856,529 2,856,530 2,857,518 2,858,436 2,858,437 2,858,438 2,859,345 2,859,346 2,859,347 2,860,244 2,860,245 2,860,246 2,860,247 2,861,187 2,863,056 2,863,057 2,864,003 2,864,955 2,864,956 2,866,897 40: 2,819,400 2,821,631 2,824,965 2,824,966 2,825,812 2,826,697 2,826,698 2,828,421 2,830,182 2,831,117 2,832,889 2,832,890 2,832,891 2,832,892 2,833,925 2,833,926 2,834,886 2,834,887 2,835,816 2,835,817 2,835,818 2,843,747 2,846,585 2,850,632 2,851,605 2,852,682 2,855,507 2,855,516 2,857,519 2,858,439 2,858,440 2,859,348 2,860,248 2,860,249 2,863,058 2,863,059 2,864,957 2,866,095 2,866,096 2,866,898 41. 9: 2,819,401 2,821,632 2,824,967 2,829,259 2,829,260 2,833,927 2,834,888 2,837,653 2,838,676 2,838,677 2,839,687 2,844,726 2,845,539 2,846,586 2,847,575 2,847,576	250— 41. 9: 2,847,577 2,848,618 2,848,619 2,848,620 2,848,621 2,848,622 2,849,616 2,850,633 2,850,634 2,850,635 2,850,636 2,850,637 2,850,638 2,850,639 2,851,606 2,851,607 2,851,608 2,851,609 2,852,683 2,852,684 2,852,685 2,852,686 2,852,687 2,852,688 2,852,689 2,852,690 2,853,616 2,854,583 2,866,097 43: 2,844,727 43. 5: 2,819,402 2,822,475 2,824,968 2,826,699 2,826,700 2,828,422 2,830,183 2,831,118 2,833,929 2,833,929 2,835,819 2,841,713 2,844,728 2,844,729 2,844,730 2,847,578 2,849,617 2,849,618 2,850,640 2,856,531 2,860,250 2,863,060 2,866,899 2,866,900 2,866,901 44: 2,850,641 45: 2,857,520 47: 2,848,023 49. 5: 2,819,403 2,824,232 2,824,969 2,825,814 2,826,701 2,830,969 2,833,930 2,834,889 2,836,725 2,837,654 2,844,731 2,845,540 2,849,619 2,851,610 2,851,611 2,856,532 2,856,533 2,856,534 2,857,521 2,858,441 2,858,442 2,858,443 2,858,444 2,860,251 2,866,902 50: 2,846,587 51: 2,820,904 2,822,476 2,829,261 2,813,748 2,853,617 2,855,517 52: 2,837,655 2,843,749 2,845,541 2,847,579 2,855,518 53: 2,819,404 2,819,405 2,829,262 2,831,977 2,835,820 2,837,656 2,842,670 2,843,750 2,845,542	250— 53: 2,853,618 2,859,349 2,860,252 54: 2,845,543 57: 2,819,406 2,822,477 2,841,714 58: 2,823,315 2,823,316 2,826,702 2,849,620 60: 2,860,253 61. 5: 2,822,478 62: 2,846,588 2,864,004 63: 2,824,970 64: 2,849,621 65: 2,829,263 2,837,657 2,842,671 2,844,732 2,844,733 2,844,734 2,852,691 2,853,619 2,856,535 2,859,350 2,859,351 2,859,352 2,866,903 66: 2,819,407 2,831,979 2,832,893 2,834,890 2,847,580 2,855,545 2,831,119 2,837,658 2,858,446 68: 2,823,317 2,823,318 2,852,692 2,855,519 69: 2,831,978 71: 2,821,633 2,822,479 2,824,233 2,828,423 2,829,264 2,830,180 2,830,183 2,830,186 2,830,187 2,830,188 2,834,891 2,835,821 2,840,716 2,841,715 2,843,752 2,848,624 2,850,642 2,852,693 2,853,620 2,853,621 2,854,584 2,855,520 2,856,536 2,856,537 2,856,538 2,857,522 2,862,106 2,866,904 71. 5: 2,830,189 77: 2,857,523 78: 2,831,120 80: 2,820,146 2,827,571 2,829,265 2,835,822 2,851,612 2,863,061 2,824,234 2,826,703 2,840,717 2,848,625 2,861,188 2,863,062 83. 1: 2,824,971 2,852,694 2,859,353 83. 3: 2,820,147 2,824,235 2,824,972 2,825,815 2,829,266 2,829,267 2,831,980 2,833,678 2,841,716 2,842,672 2,842,673 2,845,526 2,852,695	250— 83. 3: 2,855,521 2,855,522 2,856,539 2,856,540 2,858,448 2,861,189 2,866,099 83. 6: Re.24,471 2,819,408 2,820,905 2,824,236 2,824,237 2,824,238 2,824,973 2,827,572 2,829,268 2,829,269 2,829,270 2,831,121 2,833,931 2,833,932 2,836,726 2,837,659 2,838,679 2,838,680 2,839,688 2,842,674 2,842,675 2,844,735 2,845,544 2,850,643 2,852,696 2,858,449 2,859,354 2,860,254 2,861,190 2,861,191 2,866,100 86: 2,831,122 2,846,589 87: 2,821,634 2,853,622 89: 2,829,271 91: 2,831,123 2,841,717 2,866,101 92: 2,842,676 93: 2,833,933 2,846,178 2,840,718 94: 2,838,681 2,864,958 95: 2,821,635 2,825,816 2,829,272 2,829,273 2,835,823 2,823,319 98: 2,862,107 99: 2,831,124 2,845,545 2,853,623 103: 2,833,934 2,836,727 2,836,728 105: 2,825,817 2,836,729 2,844,736 2,858,450 106: 2,821,636 2,829,274 2,830,190 2,843,753 2,843,754 2,843,755 2,857,524 2,860,255 2,862,108 2,866,905 108: 2,835,824 2,842,678 2,847,581 2,853,624 2,853,625 2,857,525 2,858,451 200: 2,858,452 2,866,906 201: 2,833,935 2,858,453 202: 2,832,894 2,853,626 2,861,192 203: 2,820,906 2,839,689 2,864,959 204: 2,820,907 2,846,590 2,840,719 2,842,679 2,849,622 207: 2,824,974 2,826,704 2,828,424 2,840,720	250— 207: 2,846,591 2,850,644 208: 2,833,936 209: 2,851,585 210: 2,843,756 211: 2,831,981 2,844,737 2,845,546 2,846,592 2,856,541 2,862,109 213: 2,821,637 2,837,660 2,837,661 2,839,690 214: 2,824,239 2,824,975 2,830,191 2,830,192 2,833,937 2,835,825 2,839,691 2,841,718 2,843,757 2,844,738 2,849,623 2,861,193 216: 2,855,523 217: 2,828,425 2,863,063 219: 2,825,818 2,840,721 2,840,722 2,829,275 2,838,682 227: 2,838,683 229: 2,820,908 232: 2,850,645 233: 2,819,409 235: 2,863,064 237: 2,852,697 239: 2,825,819 2,856,542 251— 1: 2,839,263 2,850,256 2,843,349 2,846,178 2,855,172 3: 2,835,466 2,830,387 2,838,268 2,841,355 2,841,356 2,849,206 4: 2,844,351 2,846,179 2,855,173 5: 2,828,101 6: 2,841,357 2,842,331 7: 2,819,864 8: 2,825,524 2,841,358 2,865,591 9: 2,825,525 2,827,257 2,832,560 2,858,095 11: 2,833,507 2,850,257 13: 2,856,147 14: 2,830,784 24: 2,845,246 25: 2,819,865 2,841,359 2,852,224 2,865,592 28: 2,829,857 2,829,858 2,859,010 29: 2,819,034 2,830,785 30: 2,863,628 2,865,593 31: 2,858,096 43: 2,819,866 44: 2,825,526 45: 2,844,352 50: 2,830,786 54: 2,829,859 57: 2,839,264 58: 2,848,186 61: 2,838,269 2,855,174 62: 2,834,569 64: 2,847,179 2,854,207 66: 2,828,102 68: 2,846,180 72: 2,827,258 74: 2,853,263 75: 2,865,594 76: 2,853,264	251— 77: 2,850,258 80: 2,827,259 81: 2,831,048 85: 2,839,265 2,840,336 2,848,187 86: 2,828,836 2,831,649 2,840,337 2,842,332 2,843,350 2,850,255 2,859,035 2,861,769 87: 2,841,360 88: 2,823,006 2,842,333 89: 2,835,467 96: 2,825,527 104: 2,828,836 106: 2,853,265 109: 2,852,225 110: 2,838,270 111: 2,838,271 118: 2,865,595 120: 2,843,351 121: 2,851,148 127: 2,820,148 129: 2,821,355 2,828,937 2,829,860 2,831,650 2,834,570 2,835,468 130: 2,829,861 2,838,272 2,862,084 133: 2,833,508 137: 2,842,334 139: 2,826,390 2,860,850 141: 2,848,188 2,857,127 145: 2,856,149 147: 2,835,469 2,854,208 148: 2,823,887 149: 2,849,207 151: 2,857,128 159: 2,854,209 162: 2,835,510 163: 2,820,605 2,847,180 164: 2,858,097 165: 2,843,352 167: 2,826,391 2,861,770 169: 2,841,361 2,850,260 170: 2,819,035 2,851,242 171: 2,839,266 2,845,247 2,863,629 172: 2,853,266 2,857,129 2,861,771 173: 2,863,630 174: 2,832,561 2,837,308 175: 2,825,528 2,832,562 2,844,353 2,845,248 2,852,226 2,853,267 2,856,150 2,857,130 2,865,596 182: 2,836,388 183: 2,819,867 2,836,389 187: 2,865,597 192: 2,843,353 195: 2,834,571 196: 2,823,888 2,836,390 2,855,175 2,866,253 208: 2,861,772 210: 2,857,131 211: 2,849,208 212: 2,839,267 214: 2,830,787 2,833,512 218: 2,833,511 229: 2,866,615 243: 2,834,572 252: 2,855,172 259: 2,846,181 260: 2,819,036 261: 2,842,335 269: 2,823,007 270: 2,831,651
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251—	277: 2,825,529	252—	18: 2,846,391	252—	39: 2,831,811	252—	62.5: 2,854,412	252—	301.6: 2,847,386	252—	432: 2,834,738
285:	2,853,268		2,850,450		2,833,718		2,856,365		2,851,425		2,835,637
298:	2,833,513	21:	2,861,043		2,841,556		2,859,181		2,854,413		2,863,838
305:	2,862,685	25:	2,820,763		2,842,495		2,860,105		2,865,863	433:	Re.24,568
306:	2,840,338		2,820,764		2,844,536				2,823,185		2,830,958
	2,847,181		2,820,765		2,847,381				2,842,502		2,830,959
309:	2,864,570		2,831,809		2,850,456				2,833,723	435:	2,824,073
314:	2,832,563	27:	2,803,833		2,850,457				2,845,392		2,833,727
315:	2,819,868	28:	2,819,210		2,850,458				2,823,186	437:	2,824,843
	2,858,098		2,820,006		2,862,884				2,833,724		2,833,728
	2,861,773		2,828,260		2,822,331				2,858,277		2,837,486
317:	2,864,580		2,828,261	40:	2,832,738				2,859,183		2,850,463
318:	2,846,182		2,829,100		2,850,459				2,844,541	438:	2,840,527
326:	2,827,260		2,836,500	40.5:	2,854,409				2,828,265	440:	2,848,422
	2,832,564		2,847,380	40.7:	2,824,837				2,846,404	441:	2,836,570
327:	2,853,269		2,850,451		2,864,767				2,830,957	442:	2,835,638
328:	2,829,862		2,860,104	41:	2,824,064				2,819,212		2,840,528
329:	2,824,715	31:	2,829,101		2,830,022				2,819,213		2,852,472
330:	2,842,336	32:	2,825,092		2,841,557				2,819,214		2,853,456
	2,856,151		2,844,534		2,844,537				2,819,215	447:	2,824,074
331:	2,840,339		2,861,950		2,846,394				2,819,216	448:	2,819,229
	2,840,340	32.5:	2,824,061		2,847,382				2,819,217		2,824,075
	2,853,270		2,825,693	42:	2,824,065				2,819,218		2,831,652
	2,863,631		2,837,480	42.1:	2,819,211				2,819,219		2,833,729
332:	2,847,182		2,837,481		2,824,066				2,819,220		2,834,739
	2,851,243		2,839,468		2,824,838				2,826,554		2,865,866
333:	2,821,356		2,848,414		2,826,549				2,828,266	449:	2,825,699
339:	2,842,337		2,849,397		2,828,263				2,828,267		2,848,423
347:	2,858,099		2,862,882		2,831,812				2,861,957	450:	2,863,839
	2,859,932		2,863,834		2,836,563				2,828,268	451:	2,839,475
363:	2,847,183	32.7:	2,824,062		2,842,496				2,828,269		2,852,473
	2,851,244		2,824,063		2,848,417				2,819,221	453:	2,859,184
367:	2,855,177		2,824,836		2,849,402				2,841,563	455:	2,840,529
252—	1: 2,820,760		2,830,949		2,854,410				2,819,222		2,840,530
	2,826,545		2,833,713	42.7:	2,853,719				2,819,223		2,840,531
	2,826,546		2,833,714		2,847,383				2,819,224		2,843,552
	2,835,634		2,833,715	45:	2,822,332				2,819,225		2,861,958
	2,849,396		2,839,469	46.6:	2,820,766				2,819,226		2,865,867
	2,861,041		2,841,552		2,826,550				2,819,227	459:	2,825,700
8:	2,820,761		2,841,553		2,830,023				2,819,228	463:	2,841,564
	2,827,431		2,849,398		2,830,952				2,819,229	465:	2,819,230
8.05:	2,853,450		2,849,399	46.7:	2,820,013				2,819,230		2,822,336
8.5:	2,826,547		2,850,452		2,827,433				2,819,231		2,822,337
	2,826,548		2,850,453		2,830,024				2,819,232		2,830,960
	2,828,258		2,851,416	47:	2,854,411				2,843,551		2,859,185
	2,830,018		2,859,178	47.5:	2,836,564				2,849,405		2,861,959
	2,830,948	33:	2,823,182		2,866,755				2,854,417	466:	2,826,555
	2,830,948		2,839,470		2,843,546				2,854,418		2,834,740
	2,836,555		2,844,535		2,827,434				2,836,566		2,840,532
	2,836,556		2,848,415		2,836,565				2,846,400		2,844,542
	2,843,389		2,851,417		2,852,468				2,848,419		2,847,387
	2,846,390		2,854,408		2,824,067				2,848,420		2,852,474
	2,854,407		2,856,359		2,845,390				2,859,182		2,857,336
	2,855,365		2,856,360		2,858,274				2,860,107		2,861,960
	2,856,354		2,856,361		2,852,469				2,861,044	467:	2,855,370
	2,856,355		2,858,272		2,821,507				2,824,099		2,865,868
	2,856,356		2,861,951		2,822,333				2,845,391		2,838,462
	2,856,357		2,865,857		2,822,334				2,846,401		2,827,337
	2,857,328	33.2:	2,825,694		2,830,953				2,855,367		2,829,116
	2,857,329		2,846,392		2,832,739				2,858,276		2,849,408
	2,858,270		2,850,454		2,837,482				2,864,770		2,825,701
	2,858,271		2,856,362		2,851,418				2,831,814		2,842,505
	2,861,042	33.3:	2,820,007		2,862,885				2,823,184		2,844,543
	2,862,881		2,820,008	49.7:	2,833,720				2,822,335		2,848,424
	2,863,831		2,820,009		2,843,547				2,831,815		2,825,702
8.55:	2,822,330		2,832,736		2,834,733				2,833,722		2,844,544
	2,824,059		2,846,393		2,824,068				2,843,550		2,857,333
	2,824,833		2,848,416		2,824,839				2,846,402	391:	2,845,393
	2,824,834		2,850,455		2,832,740				2,847,385		2,851,426
	2,824,835	33.4:	2,820,010		2,842,497				2,863,836	392:	2,846,405
	2,828,259		2,830,950		2,838,456				2,850,460	394:	2,803,837
	2,832,735		2,831,810		2,861,952				2,861,956	395:	2,829,114
	2,833,711		2,833,716		2,844,538				2,826,552	404:	2,831,817
	2,833,712		2,837,477		2,830,955				2,827,439	408:	2,820,016
	2,836,557		2,839,471	51:	2,830,954				2,820,015		2,824,842
	2,836,558		2,841,554	51.5:	2,830,955				2,838,458		2,825,698
	2,836,559		2,852,465		2,848,418				2,852,471		2,845,394
	2,839,465		2,862,883		2,842,499				2,866,759		2,848,421
	2,839,466	33.6:	2,820,011		2,830,025				2,855,368		2,858,278
	2,839,467		2,820,012		2,842,499				2,824,070	181.6:	2,839,473
	2,840,525		2,825,695		2,865,858				2,832,744		2,850,462
	2,840,526		2,828,262		2,820,014				2,824,071		2,851,427
	2,842,492		2,830,019		2,824,840				2,841,561		2,856,367
	2,843,545		2,831,813		2,833,721				2,862,887	412:	2,842,503
	2,851,415		2,830,020		2,841,558				2,838,459		2,862,890
	2,853,452		2,832,737		2,843,548				2,829,110	413:	2,849,406
	2,856,358		2,834,732		2,865,859				2,834,737		2,853,454
	2,860,103		2,836,561		2,866,756				2,851,428	414:	2,833,725
	2,863,832		2,841,555		2,866,757				2,833,455	417:	2,851,428
	2,865,856		2,849,400		2,866,757				2,844,539		2,858,279
	2,866,754		2,849,401		2,866,757				2,851,423		2,838,461
8.57:	2,827,432		2,852,465	57:	2,823,183				2,841,562	418:	2,833,726
	2,861,949		2,856,363		2,866,758				2,855,369		2,838,461
8.6:	2,838,455	34:	2,830,021		2,857,331				2,864,771		2,849,407
8.75:	2,853,453		2,852,467		2,865,860				2,824,072		2,857,335
8.8:	2,848,413	35:	2,859,179		2,839,472				2,826,553	421:	2,829,115
	2,853,451	36:	Re.24,458		2,827,436				2,835,636	422:	2,821,510
	2,857,330		2,842,493		2,841,559				2,862,888	424:	2,831,818
8.9:	2,824,832		2,842,494		2,856,364				2,865,862	426:	2,858,250
	2,834,731		2,858,273		2,858,275				2,841,569	428:	2,831,819
	2,839,464		2,859,180		2,864,766				2,844,540		2,839,474
	2,865,855	37.2:	2,863,847		2,837,483				2,821,509	430:	2,842,504
12.2:	2,824,060		2,830,951		2,842,500				2,861,045		2,861,045
18:	2,820,762		2,836,562		2,851,419				2,865,865		2,866,617
	2,841,551								2,830,026	39.15:	2,823,008

253—39. 15:	2 823, 892 2 823, 893 2 823, 894 2 825, 530 2 828, 940 2 831, 653 2 836, 391 2 839, 268 2 843, 354 2 843, 355 2 848, 192 2 848, 193 2 849, 210 2 851, 216 2 853, 271 2 853, 272 2 857, 132 2 857, 133 2 858, 100 2 858, 101 2 858, 102 2 858, 103 2 859, 011 2 859, 935 2 860, 851 2 863, 633 2 865, 598 2 866, 619	254—	22: 2 856, 153 25: 2 863, 635 29: 2 820, 606 2 844, 356 2 851, 248 30: 2 820, 607 2 843, 358 31: 2 826, 392 2 830, 788 42: 2 831, 654 50. 2: 2 837, 310 50. 3: 2 821, 361 2 850, 263 2 855, 180 50. 4: 2 851, 249 51: 2 864, 582 67: 2 865, 600 78: 2 821, 359 2 824, 717 79: 2 837, 311 2 838, 276 86: 2 837, 312 2 851, 250 90: 2 865, 601 93: 2 827, 262 2 830, 789 104: 2 819, 037 2 838, 277 106: 2 849, 211 107: 2 820, 608 2 858, 105 114: 2 866, 623 121: 2 837, 313 129: 2 831, 655 131: 2 852, 228 2 857, 136 2 864, 583 132: 2 821, 360 2 843, 359 2 854, 213 134: 2 838, 278 2 852, 229 134. 3: 2 822, 146 2 838, 279 2 838, 280 134. 4: 2 831, 656 139. 1: 2 843, 360 2 864, 584 2 846, 188 146: 2 846, 188 147: 2 853, 273 148: 2 819, 873 150: 2 866, 621 152: 2 864, 585 164: 2 838, 281 166: 2 819, 874 2 834, 574 167: 2 859, 937 168: 2 823, 896 172: 2 863, 636 173: 2 823, 897 185: 2 820, 609 2 857, 137 190: 2 846, 189 2 858, 106 255—	255—	4. 4: 2 824, 718 2 827, 263 2 846, 191 2 851, 251 4. 6: 2 825, 534 2 830, 791 2 858, 108 4. 8: 2 866, 622 5: 2 825, 535 10: 2 863, 637 2 865, 603 11: 2 865, 604 19: 2 829, 865 2 834, 575 2 838, 282 2 842, 339 2 848, 196 2 856, 155 2 856, 156 2 863, 638 20: 2 823, 898 2 834, 576 2 835, 472 2 839, 271 2 859, 014 22: 2 847, 188 2 849, 212 2 857, 139 23: 2 829, 866 2 845, 250 2 853, 274 2 859, 939 24: 2 819, 875 2 839, 272 2 849, 213 2 849, 214 27: 2 819, 876 2 819, 877 2 821, 363 2 837, 315 28: 2 819, 879 2 835, 473 2 838, 283 2 850, 264 2 851, 252 2 852, 231 2 864, 586 2 865, 605 34: 2 825, 536 35: 2 854, 216 2 862, 690 36: 2 822, 148 37: 2 830, 792 2 835, 474 2 861, 778 45: 2 840, 347 47: 2 837, 316 49: 2 837, 317 50: 2 828, 108 2 829, 867 2 834, 577 2 839, 273 2 843, 361 2 859, 940 51: 2 820, 611 2 820, 612 2 823, 899 2 828, 109 2 832, 567 2 833, 518 2 842, 340 2 845, 251 2 854, 217 52: 2 819, 042 2 842, 341 61: 2 819, 043 2 830, 793 2 830, 794 2 830, 795 2 830, 796 2 831, 657 2 838, 284 2 843, 362 2 844, 357 2 858, 107 2 858, 107 2 857, 140 2 858, 109 2 859, 941 2 859, 942 2 860, 855 2 861, 779 63: 2 819, 880 2 842, 342 2 844, 358 2 865, 606 2 865, 607 64: 2 821, 364 3: 2 863, 639 65: 2 831, 658 69: 2 836, 396 2 838, 285 2 840, 348 2 846, 192 2 856, 157	255—	69: 2 863, 640 72: 2 829, 868 2 831, 659 2 833, 519 2 833, 520 2 838, 286 2 842, 343 2 850, 265 2 854, 219 2 856, 158 2 862, 691 2 865, 608 73: 2 823, 900 2 827, 264 2 834, 578 2 834, 579 2 846, 193 74: 2 857, 141 76: 2 822, 149 2 822, 150 2 823, 901 2 832, 568 2 834, 580 2 847, 189 2 859, 943 2 863, 641 302: 2 833, 521 303: 2 861, 780 304: 2 831, 660 313: 2 831, 661 314: 2 855, 182 347: 2 851, 253 10: 2 865, 609 14: 2 846, 194 19: 2 821, 365 2 826, 393 21: 2 820, 613 2 823, 014 2 840, 349 2 842, 344 2 855, 184 22: 2 825, 537 2 835, 473 2 863, 642 26: 2 855, 183 32: 2 826, 394 2 856, 159 37: 2 841, 367 2 859, 944 40: 2 836, 397 41: 2 827, 265 64: 2 824, 719 65: 2 833, 522 257—	257—	43: 2 848, 197 55: 2 866, 625 86: 2 824, 721 92: 2 848, 198 124: 2 833, 524 2 840, 353 2 843, 363 2 843, 364 2 845, 252 2 855, 185 2 858, 111 2 862, 692 128: 2 830, 798 130: 2 843, 365 2 847, 191 133: 2 823, 016 2 824, 722 2 848, 199 2 855, 186 136: 2 843, 366 2 845, 253 2 856, 161 2 859, 947 137: 2 846, 196 2 852, 235 2 863, 645 139: 2 858, 112 154: 2 839, 275 163: 2 835, 478 2 847, 192 2 862, 693 190: 2 863, 646 205: 2 865, 612 215: 2 833, 525 216: 2 828, 946 221: 2 833, 526 2 844, 360 2 863, 647 2 863, 648 222: 2 839, 276 224: 2 830, 614 2 834, 581 2 838, 287 2 862, 694 227: 2 859, 016 229: 2 821, 368 231: 2 827, 267 2 853, 277 236: 2 832, 570 2 836, 399 2 859, 948 239: 2 819, 882 2 843, 367 2 853, 278 2 857, 142 240: 2 824, 723 2 835, 479 241: 2 819, 045 2 820, 615 2 821, 369 2 824, 724 2 832, 571 2 853, 279 2 858, 113 243: 2 861, 781 244: 2 856, 162 245: 2 828, 947 2 834, 582 2 846, 198 2 865, 613 246: 2 847, 193 248: 2 850, 267 250: 2 820, 616 2 831, 662 2 838, 288 2 848, 200 256: 2 819, 883 2 819, 884 2 822, 151 2 828, 948 2 830, 799 2 830, 800 2 847, 194 2 856, 163 2 856, 164 262. 16: 2 834, 583 2 858, 114 2 858, 115 262. 18: 2 820, 617 262. 23: 2 864, 591 263: 2 829, 870 2 835, 480 2 861, 782 259—	259—	1: 2 864, 592 2: 2 859, 017 3: 2 838, 290 2 845, 254 4: 2 828, 111 2 832, 573 2 852, 237 2 859, 018 2 860, 856 5: 2 847, 195 6: 2 845, 255 7: 2 857, 144 8: 2 840, 355 2 847, 196 9: 2 839, 277 2 840, 356 2 851, 256 2 858, 116 2 863, 649 10: 2 821, 370 2 829, 871 2 846, 199 15: 2 854, 221 21: 2 840, 357 24: 2 823, 904 2 846, 200 2 822, 152 44: 2 851, 257 2 858, 117 46: 2 828, 112 54: 2 861, 783 72: 2 819, 046 2 819, 047 2 826, 396 2 828, 949 2 839, 278 2 846, 201 75: 2 834, 585 78: 2 829, 872 81: 2 832, 574 84: 2 819, 885 89: 2 822, 153 2 836, 400 141: 2 819, 370 95: 2 837, 319 2 865, 614 96: 2 827, 268 2 853, 280 2 860, 857 97: 2 864, 593 102: 2 831, 663 2 854, 222 104: 2 820, 618 2 844, 362 105: 2 864, 594 107: 2 820, 619 2 831, 664 2 831, 665 2 852, 238 2 859, 019 2 861, 784 2 865, 615 108: 2 823, 017 2 832, 575 2 837, 320 2 851, 258 2 859, 020 2 861, 785 2 863, 650 109: 2 836, 401 2 847, 197 2 854, 223 110: 2 828, 113 119: 2 850, 268 2 864, 595 122: 2 828, 950 2 830, 801 125: 2 858, 118 126: 2 825, 539 130: 2 840, 358 131: 2 847, 198 135: 2 847, 199 144: 2 836, 402 2 844, 363 2 860, 858 146: 2 861, 786 151: 2 835, 482 2 856, 165 152: 2 822, 154 153: 2 861, 787 154: 2 863, 651 161: 2 854, 224 2 859, 949 169: 2 865, 616 177: 2 837, 321 2 838, 291 2 859, 950 260—	260—	2: 2 825, 704 2 825, 705 2 826, 556 2 836, 571 2 839, 476 2 839, 477 2 844, 545
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260—	2: 2,848,425 2,848,426 2,856,369 2,856,370 2,861,962 2,864,775 2,866,761	260— 17. 5: 2,844,549 2,851,422 2,857,345 2,857,346 18: 2,819,233 2,823,189 2,839,480 2,843,554 2,843,555 2,844,550 2,844,551 2,844,552 2,855,372 2,856,373 2,864,780	260— 29. 3: 2,842,510 2,851,433 2,853,460 2,865,875 2,866,763 29. 4: 2,819,237 2,819,238 2,825,710 2,827,441 2,830,964 2,832,745 2,836,574 2,839,484 2,852,479 2,852,480 2,862,901 2,863,842	260— 32. 6: 2,840,536 2,843,558 2,849,413 2,850,472 2,851,435 32. 8: 2,831,826 2,834,745 33. 2: 2,857,354 33. 4: 2,824,849 2,837,493 2,843,559 2,852,484 33. 6: Re. 24,414 2,821,515 2,834,746 2,840,537 2,850,473 2,854,425 2,855,376 2,861,050 33. 8: 2,820,772 2,844,555 2,856,379 34. 2: 2,820,019 2,829,118 37: 2,837,494 2,842,515 2,842,516 2,849,414 2,849,415 2,849,417 2,852,485 2,855,377 2,855,378 2,859,198 2,863,846 2,866,768 38: 2,826,559 40: 2,819,243 2,840,538 41: 2,823,194 2,831,827 2,847,391 2,853,461 2,856,380 2,857,355 2,860,118 2,865,880 2,865,881 2,866,769 41. 5: 2,821,516 2,822,342 2,831,828 2,831,829 2,834,747 2,835,642 2,837,495 2,844,556 2,845,411 2,847,392 2,852,486 2,854,426 2,865,882 42: 2,819,244 2,819,245 2,823,195 2,828,275 2,834,748 2,839,487 2,839,488 2,843,560 2,857,356 2,819,240 2,819,241 2,819,242 2,824,850 2,825,712 2,839,489 2,844,557 2,849,416 2,854,427 2,854,428 2,856,381 2,857,357 2,861,971 2,864,785 2,864,786 2,864,787 2,830,965 2,847,393 44: 2,828,276 2,828,277 2,854,429 2,854,430 2,854,431 2,854,432 2,864,788 2,864,789 2,864,790 2,864,791 2,864,792 2,864,793 2,864,794 2,864,795 2,864,796	260— 45: 2,861,797 2,864,798 45. 1: 2,854,433 2,864,799 2,864,800 2,864,801 45. 2: 2,819,246 2,825,713 2,829,119 2,838,468 2,853,462 2,853,463 2,866,770 45. 3: 2,847,394 2,850,474 2,850,475 2,860,119 45. 4: 2,819,247 2,819,248 2,820,020 2,820,021 2,821,517 2,821,518 2,822,343 2,822,344 2,822,345 2,824,080 2,828,278 2,829,120 2,830,031 2,830,966 2,836,576 2,839,490 2,842,517 2,844,558 2,844,559 2,844,560 2,846,411 2,848,432 2,850,476 2,851,436 2,851,437 2,852,487 2,853,464 2,854,434 2,855,379 2,857,358 2,857,359 2,859,199 2,861,972 2,863,848 45. 5: 2,820,773 2,821,519 2,824,851 2,824,852 2,826,560 2,830,032 2,832,746 2,832,747 2,832,748 2,833,740 2,833,741 2,834,750 2,834,751 2,835,643 2,835,644 2,835,645 2,835,646 2,837,496 2,838,469 2,838,470 2,839,491 2,841,569 2,842,518 2,842,519 2,843,561 2,843,562 2,844,561 2,844,562 2,848,433 2,848,434 2,849,418 2,849,419 2,850,477 2,850,478 2,850,479 2,853,465 2,854,435 2,857,360 2,858,291 2,859,200 2,859,201 2,860,120 2,861,051 2,861,973 2,861,974 2,862,905 2,862,906 2,862,907 2,863,849 2,864,802 2,866,771 2,866,772 45. 7: 2,863,850	260—45. 75: 2,820,774 2,825,561 2,830,034 2,832,750 2,832,751 2,832,752 2,832,753 2,846,412 2,849,420 2,854,436 2,861,052 2,865,883 45. 8: 2,832,749 2,858,292 2,861,975 2,864,803 45. 85: 2,835,649 2,839,492 2,853,466 2,858,293 45. 9: 2,824,081 2,829,121 2,830,033 2,835,647 2,835,648 2,838,471 2,840,539 2,844,563 2,851,438 2,852,488 2,856,382 2,860,121 2,863,851 45. 95: 2,819,249 2,820,775 2,823,196 2,824,853 2,824,854 2,835,650 2,836,577 2,839,493 2,843,563 2,844,564 2,844,565 2,845,399 2,856,383 2,857,361 2,861,053 2,861,976 2,862,908 46. 5: 2,828,279 2,830,967 2,830,968 2,832,754 2,833,742 2,834,753 2,834,754 2,835,651 2,838,472 2,842,520 2,842,521 2,842,522 2,851,439 2,855,380 2,855,381 2,858,294 2,859,202 2,865,884 2,865,885 47: 2,821,520 2,824,082 2,824,083 2,824,855 2,827,442 2,831,830 2,831,831 2,835,652 2,837,497 2,839,494 2,839,495 2,840,540 2,840,541 2,846,413 2,847,395 2,848,435 2,850,480 2,850,481 2,850,482 2,851,440 2,851,441 2,853,467 2,853,468 2,857,362 2,863,852 2,863,853 2,864,804 2,864,805 2,865,886 2,865,887 2,865,888 2,866,773
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260—	49:	2,829,122	260—	75:	2,850,483	260—	78.5:	2,845,404	260—	85.1:	2,845,406	260—	93.1:	2,845,409	260—	124:	2,828,297
		2,830,578			2,851,443			2,847,403			2,864,809		93.5:	2,822,356			2,838,483
		2,843,564			2,852,491			2,849,422		85.3:	2,825,720			2,823,201			2,842,534
51:		2,859,203			2,852,492			2,849,423			2,828,294			2,835,658			2,843,578
		2,859,204			2,854,438			2,849,424			2,829,132			2,839,517			2,846,431
		2,859,205			2,856,384			2,851,444			2,830,977			2,842,531			2,850,492
53:		2,819,250			2,856,385			2,855,387			2,833,750			2,849,430			2,854,444
		2,822,346			2,857,363			2,855,388			2,834,761			2,865,902			2,864,811
		2,828,280			2,858,296			2,857,365			2,834,762		93.7:	2,828,296			2,865,906
		2,828,281			2,861,058			2,861,058			2,837,503			2,833,755		133:	2,848,444
		2,828,282			2,861,981			2,862,912			2,844,569			2,834,768		139:	2,838,484
		2,828,283			2,863,854			2,862,913			2,846,422			2,835,659			2,843,579
		2,828,284			2,863,855			2,864,808			2,849,428			2,840,551			2,853,480
		2,828,285			2,865,891			2,866,775			2,865,901			2,842,532			2,861,063
		2,839,497			2,865,892			2,867,776		85.5:	2,823,199			2,845,410			2,865,907
		2,839,498		76:	2,828,290		79:	2,844,566			2,826,566			2,846,425		140:	2,819,258
		2,839,499			2,831,832			2,845,567			2,826,567			2,849,431			2,828,298
		2,839,500		77.5:	2,820,024		79.3:	2,821,522			2,827,443			2,860,125			2,828,299
		2,839,501			2,824,086			2,822,351			2,828,295			2,860,125			2,828,300
		2,839,502			2,824,856			2,824,088			2,833,751		94.2:	2,826,569			2,838,485
		2,839,503			2,824,857			2,834,759			2,834,763			2,849,432			2,842,535
		2,839,504			2,824,858			2,837,500			2,834,764			2,856,391			2,851,452
		2,843,565			2,828,291			2,837,501			2,839,511		94.3:	2,820,778			2,858,501
		2,843,566			2,830,037			2,841,573			2,843,572		94.7:	2,829,135		141:	2,825,724
		2,848,436			2,830,038			2,843,570			2,846,423			2,836,586			2,827,449
		2,846,806			2,831,833			2,852,497			2,846,424		94.8:	2,842,533			2,861,064
		2,861,977			2,832,755			2,853,475			2,854,440			2,856,392			2,861,065
56:		2,819,251			2,832,756			2,859,209			2,855,389			2,856,393		143:	2,865,908
		2,834,755			2,833,744		79.5:	2,819,254			2,861,059			2,856,394		144:	2,835,660
		2,838,473			2,837,499			2,822,352			2,851,449		94.9:	2,819,257			2,841,575
		2,855,382			2,840,545			2,826,563		85.7:	2,834,765			2,820,779			2,844,574
		2,826,562			2,840,546			2,849,425		86.1:	2,838,479			2,822,357			2,820,782
		2,840,542			2,842,524			2,849,426			2,839,512			2,825,723			2,824,864
60:		2,829,124			2,843,567			2,852,498			2,839,513			2,826,570			2,826,572
		2,862,910			2,843,568			2,860,123			2,843,573			2,827,445			2,830,979
62:		2,829,123			2,843,569			2,866,777			2,827,446			2,827,446			2,832,760
		2,830,970			2,846,416			2,866,778			2,856,390			2,827,447			2,839,520
		2,838,474			2,847,398		79.7:	2,842,526			2,829,136			2,829,136			2,841,576
		2,820,022			2,847,399			2,865,899			2,829,137			2,829,137			2,849,435
63:		2,829,125			2,847,400		80:	2,825,718			2,830,978			2,830,978			2,855,392
		2,839,505			2,847,401			2,831,838			2,831,845			2,831,845			2,855,393
		2,853,469			2,847,402			2,833,745			2,831,846			2,831,846		146:	2,858,302
		2,853,470			2,848,440			2,840,549			2,826,568			2,882,759			2,822,359
		2,853,471			2,852,493			2,841,574			2,834,766			2,834,769			2,824,093
		2,856,375			2,852,494			2,846,418			2,834,767			2,839,518			2,824,094
		2,862,911			2,853,472			2,847,404			2,842,528			2,839,519			2,824,865
		2,865,889			2,853,473			2,861,982			2,842,529			2,843,577			2,825,725
64:		2,824,084			2,855,384		80.3:	2,825,719			2,843,575			2,845,412			2,828,301
		2,819,252			2,855,385			2,825,292			2,845,413			2,845,413			2,829,138
67:		2,828,286			2,856,386			2,830,972			2,845,414			2,845,414			2,830,042
		2,828,287			2,858,297			2,842,527			2,833,752			2,846,426			2,831,848
		2,830,971			2,858,298			2,850,487			2,824,089		88.1:	2,846,427			2,835,661
		2,840,543			2,863,856			2,851,445			2,825,721			2,850,490			2,837,507
		2,841,570			2,865,893		80.5:	2,830,973			2,825,721			2,851,451			2,840,552
		2,848,437			2,866,774			2,833,746			2,827,444			2,852,501			2,841,577
		2,861,978		78:	2,821,521			2,835,657			2,837,504			2,856,395			2,856,396
		2,861,979			2,825,715			2,840,550			2,839,514			2,857,369			2,857,371
67.5:		2,840,544			2,825,716			2,847,405			2,839,515			2,858,299			2,857,372
67.6:		2,822,347			2,829,127			2,850,485			2,849,429			2,860,126			2,857,373
		2,830,035			2,831,834			2,850,486			2,850,488			2,860,127			2,864,812
		2,839,506			2,832,757			2,851,446			2,852,500			2,861,983			2,864,813
		2,841,571			2,834,757			2,851,447			2,862,915			2,862,917			2,865,909
		2,852,489			2,834,758			2,851,448			2,866,780			2,865,903			
68:		2,845,400			2,836,579			2,847,406			2,839,516			2,865,904		147:	2,819,259
		2,858,295			2,840,547			2,854,439			2,847,407			2,824,091			2,821,524
		2,828,288			2,846,417		82:	2,823,198			2,851,450		96.5:	2,820,039			2,826,573
		2,829,126			2,850,484			2,824,860			2,825,722			2,830,040			2,829,139
		2,830,036			2,852,496			2,828,293			2,847,408			2,838,480			2,830,981
		2,842,523			2,855,386			2,833,747			2,824,861			2,846,428			2,832,761
		2,852,490			2,856,387			2,836,581			2,833,753			2,853,478			2,832,762
		2,846,414			2,857,364			2,838,477			2,861,060			2,855,390			2,834,772
70:		2,847,396			2,859,208			2,846,419			2,863,858			2,863,858			2,836,587
		2,849,421			2,863,857			2,856,389			2,831,841			2,827,448		97:	2,839,521
		2,851,442			2,864,807			2,862,914			2,845,408			2,834,770			2,839,522
		2,854,437			2,865,894			2,865,900			2,847,409						2,848,445
		2,859,206			2,865,895			2,822,353			2,820,025		97.5:	2,838,481			2,848,446
		2,861,054						2,829,130			2,844,570			2,857,370			2,853,481
71:		2,845,401		78.3:	2,840,548			2,830,974			2,844,571			2,866,781			2,861,085
		2,861,980			2,842,525			2,830,975			2,850,489			2,821,523			2,864,814
		2,825,714			2,848,441			2,831,839			2,854,441			2,864,810			2,865,910
		2,834,756			2,853,474			2,833,748			2,860,124			2,855,391			2,820,783
		2,835,653			2,861,056			2,836,583			2,862,916			2,866,782			2,824,095
		2,848,438			2,865,896			2,839,510			2,820,026			2,838,482			2,824,866
72.5:		2,865,890		78.4:	2,822,350			2,843,571			2,820,027			2,830,041			2,824,867
		2,828,289			2,831,835			2,832,758			2,837,505			2,846,430			2,824,868
		2,833,743			2,845,403			2,848,442			2,857,366			2,820,780			2,831,849
		2,839,507			2,852,495			2,866,779			2,819,256			2,820,781			2,832,763
		2,846,415			2,856,388												

260— 153: 2, 835, 663	260— 229: 2, 838, 488	260—239. 55: 2, 838, 497	260—247. 1: 2, 849, 450	260—256. 4: 2, 832, 782	260— 289: 2, 858, 315
2, 853, 482	2, 854, 446	2, 838, 498	2, 850, 496	2, 833, 767	290: 2, 820, 791
2, 860, 128	230: 2, 824, 008	2, 838, 499	2, 852, 513	2, 837, 521	2, 824, 105
2, 860, 129	2, 836, 590	2, 838, 500	2, 852, 514	2, 840, 560	2, 826, 581
154: 2, 820, 786	2, 838, 489	2, 838, 501	2, 857, 379	2, 840, 561	2, 826, 582
2, 827, 451	2, 849, 441	2, 838, 502	2, 863, 866	2, 842, 547	2, 830, 057
155: 2, 839, 523	2, 849, 442	2, 838, 503	2, 863, 867	2, 845, 425	2, 838, 515
2, 861, 066	2, 849, 443	2, 839, 528	247. 2: 2, 824, 872	2, 852, 516	2, 839, 534
2, 861, 067	2, 849, 444	2, 840, 555	2, 826, 578	2, 866, 788	2, 842, 551
157: 2, 838, 486	2, 852, 509	2, 842, 542	2, 832, 776	256. 5: 2, 833, 768	2, 844, 583
2, 848, 447	2, 856, 401	2, 842, 543	2, 833, 764	2, 844, 578	2, 847, 414
2, 863, 859	231: 2, 820, 788	2, 842, 544	2, 838, 509	2, 828, 310	2, 848, 456
158: 2, 832, 764	2, 831, 852	2, 849, 448	2, 850, 497	2, 833, 769	2, 851, 461
2, 843, 581	2, 835, 666	2, 851, 454	2, 856, 406	2, 844, 579	2, 853, 489
2, 852, 504	2, 837, 511	2, 851, 455	2, 856, 407	2, 845, 426	2, 854, 455
160: 2, 829, 141	2, 837, 512	2, 851, 456	2, 859, 214	2, 863, 870	2, 857, 389
2, 862, 919	2, 842, 541	2, 852, 511	247. 5: 2, 824, 873	257: 2, 820, 035	2, 860, 140
163: 2, 842, 537	2, 847, 411	2, 854, 451	2, 830, 048	261: 2, 830, 989	2, 861, 997
168: 2, 842, 538	2, 856, 402	2, 854, 452	2, 830, 049	263: 2, 831, 860	2, 861, 998
2, 842, 539	232: 2, 833, 758	2, 854, 453	2, 830, 050	268: 2, 819, 268	2, 862, 927
171: 2, 833, 756	2, 834, 777	2, 856, 403	2, 834, 779	2, 819, 269	2, 865, 872
172: 2, 835, 662	2, 839, 526	2, 858, 307	2, 840, 558	2, 830, 056	2, 866, 789
175: 2, 826, 574	2, 851, 453	2, 858, 308	2, 848, 450	2, 832, 783	2, 866, 790
176: 2, 858, 303	2, 854, 447	2, 859, 212	2, 851, 458	2, 832, 784	2, 866, 791
182: 2, 850, 493	2, 854, 448	2, 859, 213	2, 851, 459	2, 833, 770	292: 2, 824, 106
192: 2, 824, 096	233: 2, 841, 579	2, 860, 133	2, 852, 515	2, 834, 780	2, 825, 312
193: 2, 820, 787	2, 841, 580	2, 860, 134	2, 857, 380	2, 834, 781	2, 835, 772
2, 863, 860	2, 849, 445	2, 862, 925	2, 865, 918	2, 834, 782	2, 833, 773
196: 2, 837, 508	2, 858, 304	2, 862, 926	247. 7: 2, 827, 460	2, 835, 673	2, 834, 783
2, 849, 437	2, 859, 210	2, 863, 862	2, 830, 988	2, 836, 594	2, 835, 598
199: 2, 829, 142	233. 3: 2, 824, 090	2, 864, 818	2, 832, 777	2, 836, 595	2, 838, 914
204: 2, 849, 438	2, 825, 727	2, 864, 819	2, 838, 510	2, 837, 522	2, 840, 562
205: 2, 821, 526	2, 831, 853	2, 865, 914	2, 848, 449	2, 839, 533	2, 845, 427
2, 823, 202	2, 833, 759	2, 865, 915	2, 851, 460	2, 842, 548	2, 820, 038
2, 853, 483	2, 836, 591	239. 57: 2, 847, 412	2, 861, 992	2, 843, 589	2, 826, 583
207: 2, 831, 850	2, 845, 417	2, 855, 395	2, 863, 868	2, 844, 590	2, 828, 313
2, 864, 816	239. 6: 2, 853, 484	2, 829, 143	2, 822, 363	2, 844, 580	2, 834, 784
207. 5: 2, 830, 043	2, 854, 449	2, 858, 309	2, 826, 308	2, 852, 517	2, 846, 436
209: 2, 819, 260	2, 858, 305	239. 7: 2, 833, 761	2, 830, 051	2, 853, 488	2, 849, 453
2, 827, 452	233. 5: 2, 824, 870	2, 849, 447	2, 832, 778	2, 857, 383	293. 2: 2, 837, 524
2, 832, 765	2, 857, 377	239. 9: 2, 865, 913	2, 832, 779	2, 857, 384	293. 4: 2, 833, 774
2, 834, 774	234: 2, 831, 854	2, 827, 457	2, 838, 511	2, 858, 312	2, 834, 785
2, 837, 509	2, 831, 855	2, 839, 529	2, 838, 512	2, 858, 313	2, 837, 525
2, 841, 578	2, 853, 485	2, 848, 448	2, 843, 588	2, 859, 216	2, 838, 516
2, 856, 398	2, 857, 378	240: 2, 830, 046	2, 845, 421	2, 861, 072	2, 841, 588
2, 857, 374	236: 2, 823, 204	2, 830, 047	2, 845, 422	2, 861, 994	2, 844, 584
2, 862, 920	2, 866, 784	2, 838, 504	2, 849, 451	2, 861, 995	2, 846, 437
209. 5: 2, 819, 261	236. 6: 2, 863, 861	2, 842, 545	2, 859, 215	270: 2, 823, 205	2, 854, 456
209. 6: 2, 860, 130	239: 2, 819, 262	2, 845, 418	2, 860, 139	2, 827, 462	294: 2, 825, 730
210: 2, 820, 029	2, 830, 045	2, 845, 419	2, 864, 820	2, 827, 463	2, 836, 599
2, 823, 203	2, 833, 760	2, 849, 449	2, 865, 919	2, 842, 549	2, 838, 517
2, 824, 869	2, 841, 581	2, 856, 404	248. 6: 2, 820, 032	2, 848, 454	2, 841, 589
2, 827, 453	2, 858, 306	2, 859, 211	2, 830, 052	272: 2, 819, 270	2, 850, 498
2, 830, 982	2, 861, 987	240. 4: 2, 861, 989	2, 837, 520	2, 820, 036	2, 857, 390
2, 837, 510	239. 1: 2, 820, 789	2, 865, 917	2, 858, 310	2, 861, 073	294. 3: 2, 819, 273
2, 839, 524	2, 837, 513	242: 2, 856, 405	2, 824, 103	2, 820, 790	2, 824, 875
2, 845, 415	2, 854, 450	2, 860, 136	2, 845, 423	2, 846, 434	2, 832, 785
2, 857, 375	2, 865, 911	243: 2, 863, 863	2, 861, 070	2, 863, 871	2, 837, 526
2, 857, 376	239. 3: 2, 819, 263	2, 820, 031	2, 861, 071	2, 863, 872	2, 838, 518
2, 862, 921	2, 828, 307	2, 824, 101	2, 819, 265	275: 2, 827, 464	2, 838, 519
2, 864, 817	2, 832, 768	2, 824, 102	2, 819, 266	276: 2, 837, 523	2, 843, 593
210. 5: 2, 827, 454	2, 832, 769	2, 827, 459	2, 824, 104	277: 2, 836, 596	2, 850, 499
211: 2, 830, 983	2, 832, 770	2, 830, 987	2, 826, 579	2, 821, 529	2, 850, 500
2, 831, 851	2, 832, 771	2, 832, 775	2, 833, 765	2, 821, 530	2, 858, 316
2, 832, 766	2, 833, 757	2, 837, 518	2, 845, 424	2, 844, 581	2, 865, 921
2, 832, 767	2, 834, 775	2, 838, 505	2, 855, 396	281: 2, 830, 991	294. 7: 2, 831, 862
2, 833, 757	2, 838, 487	2, 838, 506	2, 856, 408	2, 835, 674	2, 831, 863
2, 834, 775	2, 839, 525	2, 838, 507	2, 857, 381	2, 848, 455	2, 831, 864
2, 838, 487	2, 842, 510	2, 839, 530	2, 863, 869	282: 2, 820, 037	2, 832, 786
2, 839, 525	2, 861, 988	2, 841, 582	249. 8: 2, 820, 033	283: 2, 838, 514	2, 833, 775
211. 3: 2, 822, 361	2, 865, 912	2, 851, 457	249. 9: 2, 822, 364	284: 2, 823, 206	2, 833, 776
211. 5: 2, 828, 302	2, 866, 785	2, 860, 137	2, 848, 451	285: 2, 821, 531	2, 833, 777
2, 830, 984	239. 5: 2, 828, 306	2, 860, 138	2, 848, 452	2, 835, 675	2, 835, 676
2, 830, 985	2, 838, 490	2, 861, 990	2, 857, 382	2, 844, 585	2, 844, 585
2, 842, 540	2, 838, 491	2, 863, 864	250: 2, 819, 267	2, 861, 074	2, 853, 490
2, 852, 505	2, 838, 492	2, 863, 865	2, 832, 780	2, 864, 822	2, 855, 399
2, 852, 506	2, 846, 432	2, 866, 786	2, 833, 766	286: 2, 824, 874	2, 857, 391
2, 860, 131	2, 853, 486	2, 866, 787	2, 835, 671	2, 831, 861	2, 865, 922
214: 2, 854, 445	2, 853, 487	2, 826, 575	2, 835, 672	2, 836, 597	294. 8: 2, 820, 039
215: 2, 862, 922	2, 862, 923	2, 826, 576	2, 838, 513	2, 841, 585	2, 824, 876
218: 2, 836, 589	2, 862, 924	2, 826, 577	2, 839, 532	2, 842, 550	2, 826, 584
2, 845, 416	239. 55: 2, 819, 264	2, 831, 858	2, 841, 584	2, 843, 591	2, 826, 585
223: 2, 822, 362	2, 820, 030	2, 835, 668	2, 846, 433	2, 852, 518	2, 826, 586
2, 843, 582	2, 824, 100	2, 843, 585	2, 858, 311	2, 857, 385	2, 836, 600
2, 843, 583	2, 824, 871	2, 843, 586	2, 864, 821	2, 857, 386	2, 844, 586
2, 843, 584	2, 827, 456	2, 845, 420	2, 859, 217	2, 819, 271	2, 844, 587
224: 2, 856, 399	2, 830, 986	2, 857, 400	2, 830, 992	2, 830, 992	2, 848, 457
225: 2, 824, 097	2, 831, 857	246: 2, 835, 669	251: 2, 855, 397	2, 830, 993	294. 9: 2, 837, 527
2, 828, 303	2, 832, 772	2, 838, 508	251. 5: 2, 821, 527	2, 833, 771	2, 839, 535
2, 828, 304	2, 832, 773	2, 842, 546	2, 821, 528	2, 841, 587	2, 850, 501
2, 834, 776	2, 832, 774	2, 843, 587	2, 825, 729	2, 852, 519	2, 856, 409
2, 852, 507	2, 833, 762	247. 1: 2, 831, 859	253: 2, 822, 365	2, 854, 454	2, 861, 999
2, 856, 400	2, 833, 763	2, 837, 515	254: 2, 830, 053	2, 857, 387	2, 828, 314
226: 2, 828, 305	2, 835, 667	2, 837, 516	2, 832, 781	2, 857, 388	2, 830, 994
2, 830, 044	2, 836, 593	2, 837, 517	2, 844, 576	2, 858, 314	2, 833, 778
2, 852, 508	2, 837, 514	2, 838, 493	2, 844, 577	2, 861, 075	2, 839, 536
2, 861, 986	2, 837, 515	2, 838, 494	256: 2, 827, 461	2, 861, 996	2, 843, 594
227: 2, 835, 665	2, 838, 495	2, 840, 557	2, 840, 559	2, 864, 823	2, 844, 588
2, 844, 575	2, 838, 496	2, 841, 583	2, 841, 585	2, 855, 398	2, 845, 428
2, 849, 439			2, 828, 309	2, 861, 076	2, 845, 429
2, 849, 440			2, 830, 054	289: 2, 819, 272	2, 846, 438
2, 860, 132			2, 840, 556	2, 828, 311	2, 852, 520
2, 861, 068				2, 844, 582	2, 852, 521
2, 861, 069				2, 846, 435	2, 852, 522
229: 2, 827, 455					

260— 295: 2,855,400	260— 313: 2,826,588	260—340.5: 2,856,411	260— 348: 2,822,369	260—397.3: 2,844,600	260—397.45: 2,849,464
2,858,317	2,827,466	340.6: 2,843,601	2,824,112	2,844,601	2,852,538
2,865,923	2,827,467	2,843,602	2,826,592	2,846,451	2,852,539
295.5: 2,829,144	2,836,602	340.7: 2,844,593	2,834,790	2,847,427	2,853,502
2,834,786	2,842,554	2,847,421	2,842,560	2,851,470	2,854,465
2,840,601	2,845,435	2,853,495	2,850,509	2,853,500	2,855,414
2,847,415	2,847,419	2,856,412	2,851,469	2,857,403	2,855,415
2,860,141	2,852,526	2,863,876	2,853,498	2,859,222	2,856,416
2,861,077	2,850,505	340.9: 2,839,537	2,853,499	2,864,830	2,857,406
2,863,873	2,858,320	2,842,557	2,854,461	397.4: 2,819,276	2,857,407
296: 2,820,040	314.5: 2,820,796	2,845,439	2,856,413	2,819,277	2,859,223
2,833,779	2,824,107	2,845,440	2,857,403	2,823,213	2,859,224
2,843,595	2,824,108	2,846,448	2,862,009	2,824,882	2,860,148
2,845,430	2,825,733	2,852,529	2,863,881	2,826,593	2,861,088
2,850,502	2,826,589	2,853,496	2,865,931	2,831,873	2,861,089
2,854,457	2,832,789	2,858,321	348.5: 2,831,870	2,833,790	2,862,936
2,859,217	2,833,782	2,861,080	2,833,787	2,833,791	2,862,937
297: 2,828,315	2,833,783	2,861,081	2,833,788	2,833,792	2,862,938
2,834,787	2,833,784	2,862,004	2,836,605	2,833,793	2,864,831
2,845,431	2,840,568	2,862,005	2,838,524	2,833,794	2,864,832
2,862,928	2,843,599	2,862,006	2,845,442	2,833,796	2,864,833
298: 2,825,731	2,846,441	2,862,007	2,861,084	2,836,608	2,864,834
299: 2,837,528	2,855,403	343: 2,823,211	2,863,882	2,838,529	2,864,835
301: 2,828,316	2,859,219	343.2: 2,829,147	348.6: 2,841,595	2,838,530	2,864,836
2,855,401	2,862,929	2,837,535	2,860,146	2,838,531	2,864,837
302: 2,822,366	2,863,875	2,844,594	349: 2,829,111	2,840,576	2,864,838
2,858,318	316: 2,837,530	2,847,422	2,865,932	2,842,567	2,864,839
303: 2,842,552	2,853,492	2,847,423	351: 2,841,596	2,844,602	2,865,935
304: 2,857,392	318: 2,830,059	2,855,404	2,842,561	2,846,452	2,865,936
306.5: 2,830,058	319: 2,821,532	2,857,401	353: 2,831,871	2,846,453	2,866,798
2,840,563	2,825,734	343.3: 2,819,286	358: 2,834,791	2,846,454	2,866,799
2,840,564	2,835,678	2,819,287	360: 2,855,408	2,847,428	397.47: 2,831,876
306.6: 2,822,367	2,837,531	2,830,999	362: 2,838,525	2,849,460	2,833,797
2,860,142	2,841,590	2,834,788	364: 2,821,533	2,849,461	2,840,582
2,862,000	2,845,436	2,836,604	2,852,537	2,849,462	2,844,605
306.7: 2,820,792	2,845,437	2,838,522	367: 2,863,883	2,852,537	2,860,149
2,823,207	2,847,420	2,840,569	368: 2,848,461	2,853,501	2,862,939
2,824,877	2,849,454	2,842,556	369: 2,842,562	2,855,410	397.5: 2,830,063
2,837,529	2,852,527	2,843,603	2,842,563	2,855,411	2,835,681
2,856,410	324: 2,862,928	2,844,595	2,852,534	2,856,415	2,840,577
2,857,393	325: 2,841,591	2,844,596	371: 2,842,564	2,857,404	2,841,598
2,865,924	2,857,396	2,859,220	372: 2,844,597	2,860,147	2,843,608
306.8: 2,820,793	326: 2,820,797	2,861,082	373: 2,839,540	2,861,085	2,843,609
2,820,794	2,824,109	343.5: 2,849,456	2,845,443	2,861,086	2,846,455
2,823,208	2,846,442	2,852,530	2,850,510	2,862,935	2,847,429
2,850,503	2,857,397	2,853,497	2,859,221	2,866,796	2,855,413
2,850,504	326.3: 2,823,209	343.6: 2,833,786	374: 2,852,535	397.45: 2,820,044	2,857,405
2,863,874	2,824,110	2,839,538	376: 2,823,212	2,820,045	2,861,087
307: 2,820,041	2,829,146	2,840,570	2,834,792	2,825,735	2,863,886
2,820,042	2,830,996	2,842,558	377: 2,819,274	2,828,319	397.7: 2,826,594
2,824,878	2,832,790	2,849,457	2,819,288	2,829,150	2,827,470
2,826,587	2,837,532	2,849,458	2,833,789	2,831,001	2,834,793
2,832,787	2,838,521	2,863,878	378: 2,848,462	2,831,002	2,834,794
2,832,788	2,844,591	2,866,792	380: 2,819,275	2,831,003	398.5: 2,828,320
2,838,520	2,851,463	2,866,793	2,830,062	2,831,874	399: 2,826,595
2,840,565	326.5: 2,820,798	343.7: 2,855,405	2,844,598	2,831,875	2,828,321
2,844,589	2,824,111	345.1: 2,858,322	383: 2,839,541	2,833,795	2,828,322
2,844,590	2,826,590	2,860,144	385: 2,821,534	2,835,683	2,842,574
2,845,432	2,830,997	2,837,536	2,824,880	2,835,684	400: 2,821,535
2,845,433	2,831,867	2,843,604	2,824,881	2,837,541	2,844,606
2,846,439	2,837,533	2,849,459	2,865,933	2,837,542	2,844,607
2,847,416	2,842,555	2,831,000	389: 2,844,599	2,837,543	2,846,457
2,852,523	2,843,600	2,842,559	391: 2,829,148	2,837,544	2,861,090
2,852,524	2,846,443	2,852,531	2,829,149	2,837,545	2,863,887
2,855,402	2,850,506	2,827,468	2,836,606	2,838,532	401: 2,821,536
2,857,394	2,854,458	2,851,467	2,839,542	2,838,533	2,826,596
2,862,001	2,857,398	2,856,414	394: 2,839,543	2,838,534	2,844,608
2,862,002	2,864,825	2,863,880	396: 2,840,571	2,838,535	402.5: 2,857,408
2,862,003	327: 2,820,790	2,863,881	2,856,414	2,838,536	403: 2,839,545
2,865,925	2,828,318	2,865,930	2,863,884	2,838,537	2,839,546
2,865,926	2,830,060	346.1: 2,846,449	2,838,538	2,838,538	2,840,583
308: 2,852,525	2,833,785	2,852,532	2,838,539	2,838,539	2,855,416
2,861,078	2,845,438	2,852,533	397.1: 2,840,572	2,838,540	404: 2,819,278
309: Re.24,505	2,846,444	346.2: 2,839,539	2,847,425	2,838,541	2,820,801
2,847,417	2,848,458	2,855,406	2,852,536	2,838,542	2,822,370
309.2: 2,828,317	2,850,507	2,862,931	2,854,462	2,838,543	2,824,883
2,843,597	2,852,528	2,862,932	2,854,463	2,838,544	2,824,884
309.5: 2,829,145	2,857,399	2,866,794	2,862,010	2,838,545	2,828,323
2,833,780	2,864,826	346.3: 2,843,605	2,862,011	2,838,546	2,830,064
2,859,218	329: 2,832,791	346.4: 2,863,879	2,862,933	2,838,547	2,839,547
2,861,079	332.2: 2,865,929	346.5: 2,831,869	397.2: 2,838,526	2,838,548	2,839,548
2,819,284	332.3: 2,853,493	2,841,592	2,838,527	2,838,549	2,841,601
309.6: 2,820,043	332.5: 2,823,210	2,841,593	2,840,574	2,838,550	2,842,575
2,824,879	2,851,464	2,843,606	2,840,575	2,840,578	2,843,612
2,833,781	333: 2,844,592	2,846,450	2,847,426	2,840,579	2,844,609
2,845,434	339: 2,854,459	2,848,460	2,854,464	2,840,580	2,844,610
2,846,440	340: 2,830,998	2,858,323	2,862,934	2,840,581	2,844,611
2,860,143	2,864,827	2,860,145	2,864,829	2,841,599	2,846,456
2,865,927	340.2: 2,826,591	2,863,880	2,835,682	2,841,600	2,848,465
309.7: 2,825,732	2,848,459	347.3: 2,841,594	2,837,540	2,842,568	2,852,540
2,840,566	2,854,460	2,866,795	2,839,544	2,842,569	2,862,940
2,842,553	340.3: 2,851,465	2,837,537	2,843,610	2,842,570	2,863,888
2,847,418	2,853,494	2,847,424	2,865,934	2,842,571	2,864,840
2,858,319	340.5: 2,830,061	2,864,828	2,866,797	2,842,572	404.5: 2,839,549
2,830,995	2,832,792	2,834,789	2,827,469	2,842,573	2,840,584
2,831,865	2,835,679	2,843,607	2,831,872	2,843,611	404.8: 2,820,802
2,831,866	2,836,603	347.7: 2,820,800	2,835,680	2,844,604	2,839,550
2,835,677	2,837,534	2,855,407	2,836,607	2,846,456	2,857,409
2,840,567	2,846,445	347.8: 2,838,523	2,837,538	2,848,463	2,862,012
2,843,598	2,846,446	2,851,468	2,837,539	2,848,464	406: 2,820,046
2,853,491	2,846,447	2,862,008	2,838,528	2,848,465	2,822,371
2,857,395	2,849,455	348: 2,822,368	2,842,565	2,849,463	2,847,431
2,864,824	2,851,466		2,842,566		2,847,432
313: 2,819,285					

260— 406: 2,847,433 2,848,467 2,851,471 2,857,410 2,865,937 407: 2,837,546 2,837,547 2,838,551 408: 2,827,471 2,831,004 2,856,417 2,860,150 2,863,889 409: 2,852,541 2,862,941 410. 6: 2,838,552 410. 7: 2,840,585 410. 9: 2,831,005 2,831,029 2,840,586 2,844,612 2,849,466 2,862,013 412. 3: 2,820,047 412. 4: 2,850,511 2,857,411 412. 5: 2,820,803 412. 6: 2,820,804 2,823,214 2,823,215 412. 8: 2,833,798 413: 2,819,279 2,820,805 2,823,216 2,824,113 2,831,877 2,842,576 2,847,434 2,860,151 2,862,942 414: 2,835,685 2,862,014 415: 2,831,006 419: 2,839,551 2,858,324 2,862,943 424: 2,824,885 2,863,890 425: 2,838,553 2,844,613 2,848,468 426: 2,857,412 427: 2,827,472 428: 2,845,444 428. 5: 2,842,577 429: 2,831,007 2,835,686 2,839,552 2,843,613 2,847,435 2,848,469 2,848,470 2,849,467 2,852,542 2,855,418 2,861,091 2,863,891 429. 1: 2,819,280 2,830,066 2,832,793 2,833,799 2,833,800 2,835,687 2,837,548 2,856,418 2,863,892 2,864,841 429. 3: 2,824,114 2,864,842 429. 5: 2,824,115 2,845,445 2,850,512 429. 7: 2,826,597 2,830,067 2,838,554 2,852,543 2,855,417 2,857,413 2,858,325 2,862,944 429. 9: 2,831,878 2,835,688 2,837,549 2,838,555 2,839,553 2,840,587 2,842,578 2,849,468 2,864,843 431: 2,834,795 2,841,602 2,844,614 433: 2,864,844 437: 2,819,281 2,836,609	260— 437: 2,836,610 2,848,471 2,850,513 2,856,419 2,859,225 2,859,226 2,859,227 2,859,228 2,859,229 2,859,230 2,859,231 2,859,232 438: 2,823,217 2,824,886 2,845,446 2,847,436 439: 2,822,372 2,827,473 2,831,879 2,831,880 2,831,885 2,834,796 2,847,437 2,849,469 2,849,470 2,849,471 2,859,233 2,862,945 2,865,938 440: 2,842,579 2,843,614 442: 2,863,893 446: 2,839,554 448: 2,826,598 2,835,689 2,838,556 2,839,555 2,839,556 2,844,615 2,845,447 2,848,472 2,852,544 2,855,419 2,859,234 2,863,894 2,863,895 2,863,896 448. 2: 2,819,282 2,820,048 2,823,218 2,827,474 2,831,008 2,831,009 2,831,010 2,832,794 2,833,801 2,833,802 2,835,690 2,837,550 2,837,551 2,839,557 2,840,588 2,842,580 2,846,458 2,849,472 2,849,473 2,850,514 2,851,472 2,851,473 2,853,503 2,853,504 2,857,414 2,860,152 2,860,153 2,863,897 2,863,898 2,864,845 2,865,939 448. 8: 2,820,806 2,826,599 2,831,011 2,836,611 2,837,552 2,839,558 2,843,615 2,846,459 2,851,474 2,866,800 449: 2,848,473 449. 6: Re.24,484 2,819,283 2,821,537 2,823,219 2,824,116 2,833,803 2,847,438 2,850,515 2,852,545 450: 2,819,289 2,830,068 2,833,804 2,842,581 2,846,460 2,850,516 2,852,546	260— 451: Re.24,485 2,823,220 2,837,553 2,841,603 2,847,439 452: 2,835,691 2,864,846 453: 2,822,373 2,823,221 2,824,117 2,831,012 2,835,692 2,837,554 2,839,559 2,840,589 2,847,440 2,854,466 2,855,420 2,855,421 2,858,326 2,860,154 2,865,940 2,866,801 2,866,802 2,866,803 454: 2,824,887 2,847,441 2,850,517 2,859,235 2,859,236 2,866,804 455: 2,820,807 2,826,600 2,839,560 2,839,561 2,842,582 2,842,583 2,846,461 2,849,474 2,850,518 2,852,547 2,853,505 2,853,506 2,854,467 2,863,899 2,865,941 456: 2,820,808 2,825,736 2,831,013 2,839,562 2,845,448 2,862,015 2,862,946 458: 2,832,795 2,852,548 459: 2,847,442 460: 2,859,237 461: 2,819,290 2,820,049 2,822,374 2,827,475 2,829,151 2,830,069 2,831,014 2,831,015 2,831,881 2,833,805 2,833,806 2,834,797 2,834,798 2,836,612 2,838,557 2,839,563 2,841,604 2,841,605 2,841,606 2,841,607 2,841,608 2,843,616 2,843,617 2,844,616 2,844,617 2,844,618 2,844,619 2,844,620 2,847,443 2,848,474 2,848,475 2,849,475 2,849,476 2,851,475 2,851,476 2,852,549 2,852,550 2,852,551 2,853,507 2,853,508 2,854,468 2,854,469 2,855,422 2,855,423 2,855,424 2,855,425 2,855,426	260— 461: 2,857,415 2,858,327 2,859,238 2,860,155 2,861,092 2,861,093 2,861,094 2,862,016 2,862,017 2,862,018 2,862,019 2,862,947 2,862,948 2,862,949 2,862,950 2,863,900 2,863,901 2,863,902 2,863,903 2,863,904 2,863,905 2,864,847 2,864,848 2,864,849 2,865,942 2,865,943 2,865,944 2,865,945 2,865,946 2,865,947 2,865,948 2,865,949 2,865,950 2,866,805 2,866,806 2,866,807 2,866,808 2,866,809 2,866,810 462: 2,830,070 2,835,693 2,839,564 2,839,565 2,839,566 2,840,590 2,847,444 2,855,427 2,862,951 2,862,952 2,866,811 463: 2,820,809 2,820,810 2,821,538 2,821,539 2,834,799 2,837,555 2,854,470 2,832,796 464: 2,834,800 2,850,519 2,854,471 2,859,239 2,861,095 2,862,953 2,864,850 465: 2,819,291 2,820,050 2,820,051 2,820,811 2,822,375 2,828,325 2,833,807 2,837,556 2,838,558 2,841,609 2,845,449 2,846,462 2,847,445 2,849,477 2,850,520 2,851,477 2,853,509 2,854,472 2,857,416 2,864,851 465. 1: 2,822,376 2,830,071 2,840,591 2,849,478 465. 2: 2,824,118 465. 3: 2,820,812 2,833,808 2,838,559 2,838,560 2,840,592 2,847,446 2,847,447 2,847,448 2,847,449 2,847,450 2,848,476 2,848,477 2,851,478 2,854,473	260—465. 4: 2,820,813 2,837,557 2,837,558 2,847,451 2,862,954 2,864,852 465. 5: 2,823,222 2,830,072 2,833,809 2,850,521 2,852,552 2,855,428 465. 6: 2,826,601 2,830,073 2,836,613 2,851,479 2,853,510 2,837,559 2,863,906 465. 8: 2,832,797 2,842,584 465. 9: 2,827,476 2,829,152 2,832,798 2,836,614 2,836,615 2,847,452 2,850,522 466: 2,820,052 2,831,882 2,847,453 467: 2,853,511 2,860,156 2,864,853 468: 2,819,292 2,819,293 2,822,377 2,830,074 2,835,694 2,835,695 2,835,696 2,835,697 2,836,616 2,839,567 2,840,593 2,848,478 2,850,523 468. 5: 2,830,075 2,836,617 2,846,463 2,854,474 2,862,955 469: 2,824,119 2,842,585 470: 2,828,326 2,829,153 2,842,586 2,849,479 2,862,956 471: 2,819,294 2,820,053 2,820,814 2,821,540 2,821,541 2,828,327 2,829,154 2,833,810 2,843,621 2,848,479 2,850,524 2,852,553 2,855,429 2,857,417 2,857,418 2,857,419 2,858,328 2,862,020 472: 2,828,328 2,828,329 2,839,568 2,865,951 473: 2,827,477 2,830,076 2,844,621 2,849,480 2,863,907 2,863,908 2,863,909 473. 5: 2,823,223 2,845,450 473. 6: 2,819,295 474: 2,822,378 475: 2,821,542 2,824,120 2,825,737 2,825,738 2,828,330 2,829,155 2,834,801 2,836,618 2,839,569 2,841,610 2,846,464 2,854,475	260— 475: 2,855,432 2,862,021 2,862,957 2,862,958 2,862,959 2,864,854 2,864,855 476: 2,829,156 2,833,811 2,833,812 2,835,698 2,839,570 2,840,594 2,853,512 477: 2,831,016 2,863,910 479: 2,827,478 2,831,017 2,862,022 481: 2,820,054 2,840,595 2,842,587 2,850,525 2,852,554 2,853,513 482: 2,822,379 2,827,479 2,829,157 2,830,077 2,831,883 2,832,799 2,837,560 2,837,561 2,846,465 2,847,454 2,847,455 2,860,157 483: 2,824,888 2,831,884 2,843,622 2,843,623 2,843,624 2,848,480 2,857,420 484: 2,824,121 2,838,561 2,847,456 2,864,856 2,865,952 485: 2,820,815 2,824,122 2,824,123 2,824,889 2,826,602 2,826,603 2,837,562 2,839,571 2,840,596 2,857,421 2,858,329 2,862,023 2,865,953 2,866,812 486: 2,819,296 2,821,543 2,821,544 2,825,739 2,830,078 2,832,800 2,839,572 2,844,622 2,845,451 2,855,434 2,858,330 2,859,240 2,862,960 2,865,954 487: 2,820,816 2,821,545 2,821,546 2,823,224 2,823,225 2,840,597 2,840,598 2,850,526 2,856,420 2,861,096 2,861,097 2,862,024 488: 2,819,297 2,819,298 2,822,380 2,822,381 2,822,382 2,822,383 2,823,226 2,824,890 2,826,604 2,827,480 2,827,481 2,827,482 2,840,599 2,847,457 2,857,422
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	2. 847, 212		2. 843, 378		2. 853, 300		2. 824, 741		2. 840, 381		2. 845, 277
	2. 848, 227		2. 844, 373		2. 860, 877		2. 861, 809		2. 845, 273		2. 854, 240
	2. 855, 197		2. 853, 298	45:	2. 819, 902	141:	2. 831, 691		2. 852, 262	122:	2. 859, 043
21:	2. 860, 875		2. 847, 215	47:	2. 857, 162	142:	2. 842, 368		2. 855, 206	123:	2. 842, 371
24:	2. 827, 288		2. 849, 236	54:	2. 848, 235	143:	2. 844, 376		2. 864, 622		2. 859, 044
26:	2. 819, 074		2. 853, 299	55:	2. 845, 269	145:	2. 823, 036	2:	2. 819, 906		
	2. 819, 075		2. 861, 805		2. 846, 224		2. 831, 692		2. 819, 906		
	2. 848, 228		2. 866, 642	58:	2. 848, 236	149:	2. 821, 399		2. 824, 744		
	2. 850, 279		2. 820, 635		2. 859, 968	152. 1:	2. 825, 567		2. 826, 419		
	2. 856, 187		2. 829, 891		2. 864, 617	157:	2. 825, 568		2. 827, 300		
	2. 859, 036		2. 829, 892	63:	2. 839, 301	158:	2. 859, 971		2. 829, 897		
27:	2. 819, 076		2. 831, 685		2. 842, 367	160:	2. 836, 421		2. 830, 821		
	2. 841, 392		2. 833, 541		2. 843, 382	161:	2. 827, 298		2. 832, 601		
28:	2. 851, 269		2. 840, 377		2. 844, 375		2. 846, 227		2. 841, 402		
29:	2. 827, 289		2. 848, 229		2. 859, 039	164:	2. 820, 638		2. 843, 388		
	2. 830, 813		2. 859, 967	65:	2. 843, 383		2. 842, 369		2. 850, 287		
	2. 834, 596		2. 864, 613		2. 859, 040		2. 859, 972		2. 851, 274		
	2. 849, 232		5: 2. 826, 414		2. 866, 644	169:	2. 846, 228		2. 852, 263		
	2. 859, 964		2. 836, 419		2. 847, 219	176:	2. 827, 299		2. 859, 041		
	2. 861, 803		8: 2. 832, 593		2. 822, 174		2. 846, 229		2. 865, 640		
30:	2. 823, 916		2. 848, 230		2. 843, 384	177:	2. 849, 238	3:	2. 832, 602		
31:	2. 838, 306		10: 2. 821, 393	80. 4:	2. 822, 175	178:	2. 836, 422		2. 843, 389		
	2. 846, 226		18: 2. 861, 806	81. 6:	2. 836, 420	183:	2. 838, 312		2. 852, 264		
32:	2. 827, 290		21: 2. 846, 221	85:	2. 819, 082		2. 862, 714	4:	2. 826, 420		
	2. 828, 126		2. 858, 132		2. 832, 596		2. 866, 645		2. 833, 543		
	2. 832, 255		27: 2. 851, 270		2. 840, 378	186:	2. 823, 037		2. 843, 390		
	2. 862, 709		30: 2. 819, 080	86:	2. 819, 083		2. 825, 569		2. 853, 306		
	2. 864, 612		2. 835, 491		2. 827, 296		2. 858, 133		2. 854, 237		
34:	2. 845, 267		31: 2. 825, 562		2. 828, 129	192:	2. 824, 742		2. 860, 881		
35:	2. 819, 077		2. 828, 963		2. 846, 225		2. 840, 379		2. 864, 623		
39:	2. 819, 078		2. 839, 296		2. 853, 301	193:	2. 856, 190	5:	2. 831, 695		
	2. 836, 416		2. 846, 222		2. 861, 807	197:	2. 823, 038		2. 849, 240		
	2. 866, 640		2. 846, 223	88:	2. 860, 878	200:	2. 852, 261	6:	2. 821, 402		
41:	2. 819, 898		33: 2. 831, 686	89:	2. 859, 969	201:	2. 838, 313		2. 833, 544		
42:	2. 844, 370		2. 839, 297	93:	2. 825, 564	207:	2. 839, 304		2. 838, 316		
43:	2. 823, 917		2. 841, 395		2. 850, 282	213:	2. 861, 810		2. 860, 882		
	2. 849, 233		2. 862, 710	94:	2. 828, 964	274— 1:	2. 820, 639	9:	2. 865, 641		
44:	2. 826, 409		36: 2. 819, 899	95:	2. 823, 034		2. 866, 646	14:	2. 821, 403		
	2. 832, 592		2. 822, 173		2. 834, 597	4:	2. 832, 599	16:	2. 828, 131		
	2. 844, 371		2. 828, 128		2. 847, 221		2. 836, 423		2. 828, 132		
	2. 849, 234		2. 847, 216		2. 850, 283		2. 838, 314		2. 836, 424		
	2. 863, 661		2. 864, 614	96:	2. 835, 494		2. 840, 380		2. 848, 239		
	2. 866, 641		37: 2. 864, 615	97:	2. 865, 636		2. 847, 223		2. 865, 642		
45:	2. 821, 390		41: 2. 843, 379	98:	2. 851, 272		2. 857, 164	19:	2. 823, 040		
	2. 827, 291		42: 2. 848, 231	99:	2. 832, 597		2. 857, 165		2. 829, 898		
48:	2. 830, 814		43: 2. 842, 364	101:	2. 835, 495		2. 859, 973	19. 7:	2. 837, 341		
	2. 840, 373		2. 862, 711	101. 2:	2. 834, 598		2. 864, 621	23:	2. 845, 274		
	2. 857, 160		2. 866, 643		2. 845, 270		2. 865, 637		2. 866, 648		
50:	2. 827, 292		52: 2. 832, 594		2. 850, 284		2. 841, 399	41:	2. 820, 640		
	2. 849, 235		53. 1:	2. 843, 380	2. 852, 259		2. 863, 668		2. 829, 899		
53:	2. 856, 188		54:	2. 830, 815	102. 1:	2. 861, 808	10:	2. 823, 039	42:	2. 835, 497	
54:	2. 861, 804		2. 839, 298		2. 819, 084	102. 2:	2. 819, 085		2. 838, 317	11. 37:	2. 828, 967
55:	2. 840, 374		56. 5:	2. 841, 396		2. 837, 336		2. 832, 600	46:	2. 832, 603	
56:	2. 827, 293		57:	2. 823, 918		2. 863, 665		2. 837, 337	47:	2. 833, 545	
59:	2. 823, 030			2. 830, 816	102. 4:	2. 819, 903		2. 837, 338	50:	2. 856, 192	
	2. 836, 417			2. 835, 492		2. 827, 297		2. 839, 305	51:	2. 821, 404	
60:	2. 826, 410			2. 838, 307	105. 3:	2. 821, 396		2. 841, 400		2. 833, 546	
	2. 850, 280			2. 847, 217		2. 823, 035		2. 845, 271		2. 835, 498	
	2. 860, 876			2. 849, 237	105. 6:	2. 838, 309		2. 850, 285	55:	2. 836, 425	
61:	2. 823, 032			2. 865, 633	106:	2. 822, 176		2. 851, 273	58:	2. 822, 177	
	2. 831, 681			2. 831, 687		2. 830, 817		2. 853, 305		2. 829, 900	
	2. 841, 393			2. 855, 198		2. 835, 310		2. 855, 204		2. 832, 603	
	2. 842, 363			2. 855, 199		2. 853, 302		2. 858, 134		2. 844, 377	
	2. 857, 159			2. 855, 200		2. 860, 879		2. 860, 880	59:	2. 862, 718	
	2. 863, 662			60: 2. 855, 201		2. 819, 086		2. 865, 638	66:	2. 823, 041	
62:	2. 824, 738			2. 831, 688	106. 5:	2. 819, 086		2. 862, 715		2. 834, 599	
	2. 826, 411			2. 847, 218		2. 820, 637	11:	2. 865, 639		2. 846, 233	
	2. 828, 962			2. 852, 258		2. 821, 397		2. 866, 647		2. 858, 139	
	2. 831, 682			2. 864, 616		2. 828, 965	13:	2. 858, 135		2. 843, 391	
	2. 831, 683			67: 2. 819, 081		2. 828, 966	14:	2. 845, 272	81:	2. 854, 238	
	2. 833, 540			68: 2. 837, 334		2. 829, 894	15:	2. 850, 286	83:	2. 828, 133	
	2. 840, 375			69: 2. 842, 365		2. 830, 818	16:	2. 859, 974		2. 857, 166	
63:	2. 844, 372			70. 1:	2. 826, 415		2. 843, 386	17:	2. 855, 205		2. 856, 194
	2. 822, 170			2. 837, 335		2. 838, 311	21:	2. 819, 087	23:	2. 819, 087	
64:	2. 823, 031			2. 832, 595		2. 859, 970		2. 819, 088		2. 825, 571	
	2. 840, 376			70: 2. 851, 271		2. 864, 618		2. 837, 339		2. 844, 378	
	2. 845, 268			73: 2. 826, 416		2. 863, 666		2. 862, 716	102:	2. 833, 548	
	2. 847, 214			78: 2. 825, 563		2. 846, 226	25:	2. 837, 340		2. 840, 382	
68:	2. 836, 418			80: 2. 855, 202		2. 841, 398	37:	2. 849, 239	103:	2. 847, 225	
	2. 859, 965			83: 2. 821, 394		2. 830, 819	39:	2. 826, 418	106:	2. 820, 641	
69:	2. 856, 189			2. 844, 374		2. 855, 203		2. 838, 315		2. 822, 178	
	2. 863, 663			2. 848, 232		2.					

280— 36: 2,845,278	280— 96. 2: 2,866,651	280— 150: 2,828,970	280— 440: 2,821,409	284— 18: 2,837,350	285— 189: 2,861,820
2,857,168	96. 3: 2,866,650	2,829,906	2,856,203	2,839,314	190: 2,831,710
2,858,140	103: 2,820,644	2,833,554	442: 2,846,236	2,842,381	192: 2,845,284
2,860,887	104: 2,825,576	2,833,555	2,854,254	2,842,382	2,846,241
37: 2,832,606	2,835,505	2,834,606	444: 2,823,929	2,850,297	194: 2,841,418
2,837,346	2,840,387	2,834,607	446: 2,831,705	2,851,286	203: 2,842,384
38: 2,825,574	2,845,280	2,834,630	456: 2,826,430	2,852,280	222: 2,835,513
2,841,408	2,847,229	2,834,609	460: 2,865,657	2,855,223	225: 2,841,419
40: 2,852,266	2,859,046	2,844,387	462: 2,853,314	2,858,146	226: 2,832,613
41: 2,835,501	2,859,976	2,848,250	468: 2,853,315	2,864,628	240: 2,840,394
2,838,319	2,859,977	2,850,291	472: 2,827,303	19: 2,819,912	229: 2,865,660
2,839,310	104. 5: 2,819,910	2,852,270	474: 2,826,431	2,829,907	230: 2,832,614
2,840,383	2,821,407	2,854,248	475: 2,836,432	2,850,298	233: 2,826,437
2,841,409	2,821,408	2,855,215	2,853,316	2,854,259	238: 2,831,711
2,855,208	2,823,926	2,855,216	2,865,658	285— 1: 2,860,893	244: 2,819,916
2,860,888	2,825,577	2,856,202	476: 2,821,410	3: 2,839,315	247: 2,850,302
2,865,646	2,826,427	2,858,144	2,828,973	2,843,399	2,853,320
42: 2,847,227	2,829,904	2,859,048	2,844,389	5: 2,822,190	2,859,985
2,854,243	2,838,321	2,828,971	477: Re.24,415	2,846,240	258: 2,825,588
2,828,968	2,841,413	2,840,391	2,826,432	6: 2,830,830	261: 2,864,630
2,861,937	2,841,414	2,863,670	2,844,390	7: 2,827,311	263: 2,846,242
2,836,430	2,842,377	152: 2,824,753	2,859,981	2,832,612	267: 2,848,255
2,861,811	2,843,394	2,844,388	2,860,892	2,839,316	268: 2,856,207
44: 2,823,924	2,843,395	2,863,671	478: 2,820,649	2,843,400	272: 2,862,731
2,828,136	2,854,246	2,865,653	2,845,281	12: 2,824,756	277: 2,823,934
2,833,549	2,857,170	153: 2,832,609	479: 2,826,433	18: 2,821,413	279: 2,836,439
2,835,502	2,865,649	2,853,311	2,833,562	2,822,191	281: 2,833,568
2,841,410	2,865,650	2,866,652	482: 2,833,563	2,827,312	284: 2,825,587
2,843,392	106: 2,820,645	2,866,653	483: 2,828,144	2,833,566	286: 2,828,981
2,850,288	2,835,506	154. 5: 2,826,428	2,847,231	2,859,052	287: 2,857,178
2,852,267	2,837,347	2,831,702	2,858,145	2,862,728	289: 2,827,313
2,853,308	2,837,348	2,865,654	489: 2,852,274	2,823,049	299: 2,822,194
2,855,209	2,838,322	2,865,655	490: 2,826,434	2,831,708	306: 2,861,821
2,862,721	2,840,388	158: 2,823,928	2,847,232	39: 2,853,319	310: 2,828,982
2,864,626	2,841,415	2,839,313	491: 2,823,930	41: 2,836,434	317: 2,848,256
47. 11: 2,859,975	2,842,378	164: 2,857,173	2,830,829	45: 2,857,175	321: 2,840,395
47. 13: 2,822,183	2,851,281	166: 2,825,582	2,838,327	2,863,677	332. 1: 2,863,678
2,848,243	2,853,309	2,852,271	2,849,243	47: 2,821,414	336: 2,863,679
47. 18: 2,843,393	2,854,247	179: 2,855,217	2,850,293	48: 2,850,299	337: 2,822,195
47. 19: 2,835,503	2,855,213	182: 2,830,827	2,854,255	52: 2,837,351	341: 2,850,303
2,842,373	2,861,812	203: 2,865,656	2,856,204	61: 2,829,908	2,853,318
2,855,210	106. 5: 2,822,186	226: 2,860,890	2,859,050	63: 2,819,913	342: 2,823,935
47. 2: 2,826,426	2,823,044	243: 2,861,814	492: 2,837,349	70: 2,819,914	2,826,438
2,856,195	2,824,750	254: 2,831,703	493: 2,840,392	81: 2,819,917	2,832,615
47. 23: 2,850,289	2,829,905	274: 2,852,272	495: 2,828,145	2,864,629	2,862,732
47. 24: 2,838,320	2,828,137	277: 2,848,251	496: 2,846,237	82: 2,843,401	347: 2,830,831
47. 26: 2,824,748	2,840,389	278: 2,861,815	502: 2,859,982	84: 2,836,435	348: 2,861,822
2,854,244	111: 2,840,389	279: 2,859,979	504: 2,835,510	85: 2,828,978	369: 2,846,243
47. 29: 2,864,245	112: 2,819,093	281: 2,827,306	2,842,380	88: 2,851,287	370: 2,829,910
47. 32: 2,855,211	2,820,646	2,854,249	2,847,233	89: 2,852,281	389: 2,833,569
47. 34: 2,833,550	2,835,507	2,855,218	510: 2,828,974	90: 2,859,983	397: 2,850,304
47. 35: 2,831,698	2,836,431	2,855,219	511: 2,834,611	93: 2,837,352	408: 2,842,385
2,865,647	2,850,290	2,855,220	512: 2,824,754	94: 2,855,224	409: 2,846,244
47. 37: 2,840,384	2,857,171	283: 2,863,672	2,833,564	95: 2,829,909	413: 2,842,383
2,858,141	115: 2,819,094	280: 2,834,610	2,847,234	2,833,567	421: 2,841,420
47. 38: 2,823,925	116: 2,838,323	301: 2,835,508	2,854,256	97: 2,822,192	2,838,328
47. 39: 2,842,374	124: 2,820,647	304: 2,828,141	2,855,222	106: 2,837,353	2,852,283
62: 2,865,648	2,823,927	401: 2,864,627	2,848,253	109: 2,828,979	2,859,053
63: 2,822,184	2,824,751	405: 2,832,610	513: 2,823,931	110: 2,826,435	5: 2,819,100
2,832,607	2,824,752	2,862,727	2,848,253	112: 2,821,415	2,823,936
79. 1: 2,830,824	2,825,578	406: 2,828,142	5: 2,827,309	113: 2,836,436	2,834,616
2,851,279	2,825,579	2,828,143	16: 2,859,051	114: 2,822,193	2,856,208
79. 2: 2,819,908	2,825,580	2,847,230	17: 2,833,565	2,862,729	2,857,179
79. 3: 2,830,825	2,828,138	2,859,049	19: 2,828,975	115: 2,825,585	2,833,570
80: 2,831,699	2,828,139	2,863,673	29: 2,831,706	119: 2,834,614	2,837,355
2,857,169	2,833,552	407: 2,819,096	31: 2,850,294	128: 2,850,300	2,840,396
81: 2,831,700	2,833,553	2,831,704	2,852,275	129: 2,819,098	2,857,180
2,835,504	2,840,390	2,838,324	2,865,659	133: 2,851,288	2,858,148
2,839,311	2,843,396	2,854,250	2,841,416	134: 2,820,650	2,822,196
2,841,411	2,843,397	2,860,891	34: 2,850,295	2,843,402	2,832,616
2,847,228	2,844,383	408: 2,823,047	36: 2,846,238	2,849,244	2,837,356
2,848,244	2,844,384	414: 2,830,828	44: 2,852,276	138: 2,828,147	2,844,392
2,848,245	2,844,385	415: 2,848,252	2,863,675	141: 2,849,245	2,851,289
2,851,280	2,844,386	2,848,248	2,854,251	144: 2,856,206	2,853,321
81. 5: 2,831,701	2,848,249	417: 2,827,307	5: 2,846,239	146: 2,824,757	2,857,181
87: 2,824,749	2,849,242	419: 2,861,816	7: 2,851,285	148: 2,850,301	2,859,986
2,839,312	2,851,282	420: 2,852,273	15: 2,828,976	149: 2,837,354	2,860,894
87. 03: 2,842,375	2,852,269	2,853,310	16: 2,854,257	2,848,254	8: 2,822,197
87. 04: 2,825,575	2,853,310	2,855,214	20: 2,822,189	2,858,147	2,831,712
90: 2,819,092	2,856,199	425: 2,854,252	2,827,310	151: 2,820,651	2,834,617
91: 2,834,605	2,856,200	426: 2,819,911	22: 2,840,393	2,834,615	2,851,290
2,842,376	2,856,201	429: 2,826,429	23: 2,847,235	2,826,436	2,852,284
2,848,246	2,857,172	432: 2,822,188	25: 2,835,512	2,836,437	2,856,209
93: 2,819,909	2,858,142	2,828,977	29: 2,828,977	2,857,176	2,860,895
2,840,385	2,859,047	2,833,552	2,834,612	2,859,984	2,862,733
94: 2,862,722	2,862,724	2,835,509	2,836,433	159: 2,819,099	9: 2,820,652
95: 2,828,969	2,862,725	2,838,325	2,861,819	2,819,915	2,824,759
2,829,903	2,862,726	2,853,312	2,852,277	2,823,050	2,828,983
2,833,551	2,862,727	2,853,313	58: 2,831,707	2,845,282	2,834,618
2,841,412	2,865,651	433: 2,846,235	62: 2,852,278	161: 2,836,438	2,834,619
2,844,382	2,865,652	434: 2,833,558	63: 2,852,279	162: 2,823,932	2,835,514
2,852,268	131: 2,858,143	2,833,559	66: 2,832,611	163: 2,828,980	2,826,052
2,856,196	136: 2,859,978	2,838,326	2,854,258	164: 2,862,730	2,846,245
96: 2,848,247	143: 2,827,304	2,850,292	7: 2,844,391	166: 2,845,283	11: 2,819,101
96. 1: 2,862,723	2,861,813	2,855,221	11: 2,834,613	2,857,177	2,830,832
96. 2: 2,822,185	145: 2,828,140	2,861,818	16: 2,821,411	168: 2,841,417	2,845,285
2,827,303	150: 2,819,095	435: 2,851,283	2,856,205	172: 2,821,416	2,856,210
2,830,826	2,820,648	437: 2,833,560	2,821,412	173: 2,823,933	2,862,734
2,840,386	2,822,187	438: 2,833,561	2,823,048	181: 2,825,586	2,866,655
2,845,279	2,823,045	2,843,398	2,824,755	185: 2,831,709	2,831,713
2,846,234	2,823,046	2,854,253	2,825,583	187: 2,824,758	2,839,917
2,855,212	2,825,581	439: 2,857,174			2,853,322
2,856,197	2,827,305	2,863,674			11. 14: Re.24,551
2,856,198					

286—11. 14:	2,824,760	287— 53:	2,834,620	287— 90:	2,848,260	290— 4:	2,831,125	292— 207:	2,837,362	294— 1:	2,851,297
	2,844,393		2,836,448		2,852,288		2,836,730	210:	2,832,625		2,860,906
	2,853,323		2,840,399		2,853,326		2,836,731	216:	2,835,526		2,862,754
	2,855,226		2,843,406		2,854,266		2,861,195		2,864,636	4:	2,843,414
	2,857,182		2,851,292		2,859,060	7:	2,830,193		2,865,668	5. 5:	2,827,324
	2,858,149		2,855,229		2,860,899	30:	2,856,543	217:	2,829,914		2,848,265
	2,859,988		2,855,230		2,861,827	36:	2,835,826		2,837,363	15:	2,828,154
	2,866,656		2,856,212		2,826,440		2,843,758	221:	2,863,688		2,846,259
11. 15:	2,835,515		2,856,213		2,845,291		2,866,907	223:	2,857,192	16:	2,828,155
	2,836,440		2,859,058		2,862,743	38:	2,836,732	224:	2,862,751		2,835,527
	2,843,403		2,862,737		2,840,404		2,866,908	228:	2,837,364		2,842,390
	2,843,404		2,865,662		2,852,289	40:	2,838,684	229:	2,854,272		2,847,243
	2,851,291	54:	2,820,656		2,853,327		2,847,582	240:	2,837,365	17:	2,832,628
	2,859,054		2,825,591		2,856,217	44:	2,832,895		2,861,830	19:	2,819,108
	2,863,680		2,831,717		2,863,684	291— 1:	2,832,619	241:	2,855,236		2,819,109
11. 16:	2,836,441		2,833,574		2,835,522	2:	2,848,262	247:	2,823,942		2,819,110
	2,847,236		2,834,621		2,839,321	3:	2,863,687	251:	2,839,322		2,822,204
	2,860,896		2,836,449		2,845,292	292— 1:	2,822,202		2,863,689		2,833,584
	2,836,442		2,839,320		2,827,317		2,827,317	251. 5:	2,836,453		2,834,620
15:	2,858,150		2,844,396		2,828,985	5:	2,827,321		2,837,366		2,845,266
	2,859,055		2,847,237		2,838,331	11:	2,830,836		2,840,408		2,861,835
16:	2,825,589		2,848,258		2,852,290		2,830,837		2,844,402	20:	2,819,922
	2,828,148		2,850,306		2,860,900		2,841,430		2,853,331		2,847,244
	2,833,571		2,851,293		2,820,657		2,859,062		2,854,273	21:	2,822,205
	2,842,386		2,853,324		2,820,658	12:	2,864,635		2,861,831		2,855,238
	2,845,286		2,854,262		2,823,056	15:	2,837,361		2,862,752	26:	2,819,111
	2,846,246		2,854,263		2,830,834	17:	2,841,431		2,864,637		2,821,426
	2,848,257		2,856,214		2,844,400		2,857,191	252:	2,854,274		2,840,412
16. 1:	2,846,247		2,857,188		2,861,828	21:	2,836,451	254:	2,843,410		2,851,298
16. 2:	2,832,617		2,858,153		2,863,685	25:	2,846,253	256:	2,850,904	27:	2,854,279
	2,862,735		2,859,990		2,827,318	46:	2,825,593	256. 67:	2,852,295		2,860,000
16. 3:	2,833,572		2,860,897		2,833,575	48:	2,831,718	256. 69:	2,864,638	28:	2,863,693
16. 5:	2,841,422		2,863,682		2,850,310		2,860,903	259:	2,837,367	31:	2,840,413
17:	2,857,183		2,863,683		2,847,238	52:	2,828,989	262:	2,820,659		2,843,415
18:	2,859,989		2,866,657		2,865,663		2,832,620	267:	2,866,659		2,851,299
19:	2,820,653		2,840,400		2,830,835		2,832,621	274:	2,834,627	31. 2:	2,831,720
20:	2,828,149	55:	2,846,249		2,823,938		2,834,626	275:	2,858,158		2,839,323
	2,849,246	56:	2,835,520		2,853,328		2,859,990	278:	2,843,411		2,849,252
23:	2,844,394	58:	2,840,401		2,864,633		2,852,293	279:	2,854,275	50. 6:	2,860,001
26:	Re. 24,440		2,840,402		2,864,634		2,855,234	280:	2,825,595	50. 9:	2,823,060
	2,819,102		2,841,425		2,837,358	118:	2,837,358		2,828,993	51:	2,833,585
	2,819,917		2,842,387		2,851,295	119:	2,855,233		2,832,626		2,840,414
	2,820,654		2,846,250		2,865,664		2,861,829	70:	2,819,921	55:	2,850,315
	2,825,590		2,849,247		2,834,625		2,847,239		2,849,251	57:	2,819,112
	2,827,314		2,849,248		2,856,218		2,847,240		2,852,296	61:	2,852,298
	2,836,443		2,850,307		2,859,992	125:	2,834,625		2,859,998		2,862,755
	2,857,184		2,850,308		2,862,744		2,856,218		2,861,832		2,864,643
	2,859,987		2,858,154		2,862,745	126:	2,862,744	281:	2,830,839	63:	2,822,206
	2,862,736		2,866,658		2,862,746		2,862,745		2,837,368		2,832,629
	2,863,681		2,819,104		2,862,747		2,862,746		2,845,295		2,849,253
	2,864,631	59:	2,822,199		2,863,686		2,851,296	283:	2,828,994		2,866,660
	2,864,632	60:	2,843,407		2,828,162		2,845,296	285:	2,828,995	64:	2,853,333
34:	2,839,318		2,843,408		2,862,748		2,835,523		2,855,237	65:	2,840,415
35:	2,831,714		2,844,397		2,822,201	127:	2,828,162	288:	2,833,579	65. 5:	2,834,630
37:	2,830,305		2,845,288		2,828,986		2,823,940		2,846,257	67:	2,832,630
38:	2,841,423		2,848,259		2,828,332		2,849,250	299:	2,838,334		2,838,335
287— 1:	2,819,103		2,859,991		2,859,061		2,855,157	302:	2,833,580		2,841,434
	2,831,715		2,851,294		Re. 24,536		2,825,594		2,863,690		2,842,391
	2,844,395		2,860,898		2,819,106	95:	2,847,241	303:	2,856,221		2,844,403
2:	2,857,185		2,821,419		2,823,057		2,827,322	307:	2,823,943		2,857,193
	2,846,248	61:	2,834,622		2,833,577	104:	2,821,422	315:	2,833,581	69:	2,824,762
3:	2,854,261	62:	2,850,309		2,836,450	113:	2,829,912	317:	2,821,424		2,836,454
	2,839,319		2,862,739		2,838,353	114:	2,859,996		2,840,409	71:	2,832,631
9:	2,852,285		2,841,426		2,854,267		2,840,405	322:	2,861,833		2,856,222
14:	2,830,397		2,845,289		2,856,219	122:	2,831,719	323:	2,845,296		2,856,223
20:	2,857,186		2,861,826		2,832,618	127:	2,820,660	327:	2,820,660	73:	2,823,061
20. 2:	2,821,417	76:	2,855,231		2,853,329	128:	2,835,524	333:	2,852,297		2,833,586
	2,826,439	77:	2,834,623		2,837,359		2,845,294	335:	2,864,640	74:	2,819,923
	2,827,315	81:	2,819,105		2,859,993	137:	2,823,941	336:	2,846,258		2,828,156
20. 3:	2,859,056	82:	2,823,054		2,821,420	139:	2,826,443		2,825,596		2,835,528
20. 5:	2,822,198	85:	2,834,624		2,826,441	143:	2,819,107	336. 3:	2,821,425		2,844,404
	2,836,444		2,840,403		2,850,311		2,828,151		2,835,526		2,850,316
	2,840,398		2,844,398		2,819,919	144:	2,822,203		2,833,582	75:	2,825,598
	2,859,057		2,844,399		2,823,058	145:	2,821,423		2,862,753		2,829,916
49:	2,835,516		2,846,251		2,841,429		2,856,220		2,864,641	77:	2,827,325
	2,841,424		2,852,286		2,848,261	148:	2,840,406		2,863,691	78:	2,819,924
52:	2,821,418		2,852,287		2,827,319	149:	2,850,312		2,833,583		2,820,661
	2,823,937		2,853,325		2,827,320		2,859,996	340:	2,833,583		2,820,662
	2,827,316		2,854,264		2,828,987	162:	2,854,269		2,863,691		2,838,336
	2,833,573		2,855,232		2,858,156	163:	2,865,666	341. 12:	2,860,905	79:	2,830,840
	2,835,517		2,856,216		2,842,388	165:	2,843,409	341. 13:	2,828,996	81:	2,858,160
	2,836,445		2,857,189		2,837,360		2,862,749	341. 14:	2,854,276		2,860,002
	2,836,446		2,858,155		2,862,742	166:	2,830,838	341. 15:	2,832,627	82:	2,823,944
	2,855,228		2,862,740		2,819,920	169:	2,828,152	341. 18:	2,863,692		2,839,324
	2,861,823		2,862,741		2,828,988		2,829,913	343:	2,825,597		2,854,280
	2,861,824		2,862,742		2,819,920		2,832,624	347:	2,854,628	83:	2,822,207
52. 02:	2,857,187	87:	2,841,427		2,853,330		2,835,525		2,843,412		2,828,997
52. 03:	2,836,447		2,854,265		2,860,901		2,836,452		2,848,264		2,830,841
	2,838,329		2,857,190		2,860,902		2,840,407		2,853,332		2,831,721
52. 04:	2,846,016		2,859,059		2,821,421	289— 2:	2,860,902	348:	2,843,413		2,832,632
52. 05:	2,828,161		2,822,200		2,823,059	3:	2,821,421	352:	2,827,323		2,837,370
	2,831,716	89:	2,837,357		2,825,592	10:	2,823,059		2,842,389		2,838,337
	2,858,151		2,819,918		2,859,994	17:	2,825,592		2,850,313		2,842,392
52. 06:	2,835,518	90:	2,823,055		2,865,665		2,854,270	353:	2,864,642		2,843,416
	2,856,211		2,828,984		2,829,277		2,859,997	357:	2,828,153		2,850,317
	2,861,825		2,830,833		2,860,256	290— 1:	2,829,276	293— 69:	2,850,314		2,852,299
52. 07:	2,858,152		2,835,521		2,861,194	2:	2,829,277		2,854,278		2,856,224
52. 09:	2,835,519		2,838,330		2,864,960		2,828,991	71:	2,829,915		2,858,161
	2,845,287		2,841,428		2,820,148		2,826,444		2,858,159		2,863,694
53:	2,820,655		2,845,290		2,823,320	4:	2,820,148	72:	2,840,411	86:	2,864,644
	2,823,053		2,846,252		</						

294—	86: 2,848,267 2,850,318 2,855,239 2,857,194 87: 2,819,113 87.2: 2,822,208 2,823,062 2,823,063 2,823,064 2,823,946 2,850,319 2,865,669 2,866,661 87.24: 2,860,907 87.28: 2,841,435 88: 2,823,947 2,828,998 2,860,908 2,862,756 89: 2,848,269 90: 2,829,917 92: 2,866,662 93: 2,826,445 2,853,334 94: 2,823,065 2,862,757 97: 2,823,948 2,832,633 99: 2,822,209 2,829,918 2,839,325 2,848,268 102: 2,853,335 2,860,909 104: 2,830,842 2,851,300 2,852,300 2,857,195 106: 2,820,663 2,864,645 109: 2,822,210 2,832,634 110: 2,832,635 2,847,245 111: 2,820,664 114: 2,852,301 115: 2,853,336 116: 2,826,446 117: 2,852,302 131: 2,822,211 1: 2,842,393 295— 11: 2,853,337 15: 2,846,260 296— 1: 2,820,665 2,834,631 2,838,338 2,841,436 2,843,417 2,846,261 2,848,270 2,860,910 2,863,695 3: 2,851,301 10: 2,836,455 2,841,437 12: 2,832,636 13: 2,856,225 20: 2,833,587 2,841,438 23: Re.24,452 2,820,666 2,821,427 2,822,212 2,822,213 2,827,326 2,831,722 2,836,456 2,843,418 2,846,262 2,850,320 2,853,338 2,855,240 2,862,758 2,862,759 24: 2,820,667 2,825,600 2,839,326 2,839,327 2,865,670 2,866,663 26: 2,821,428 2,832,637 2,852,303 27: 2,834,632 28: 2,819,925 2,821,429 2,826,447 2,827,327 2,833,588 2,834,633 2,839,328 2,839,329 2,839,330 2,841,439	296—	28: 2,842,394 2,846,263 2,849,254 2,851,302 2,856,226 2,857,196 2,860,911 2,860,912 2,862,760 2,864,646 2,864,647 29: 2,823,066 35: 2,823,067 2,838,339 2,845,298 2,846,264 2,856,227 37: 2,848,271 2,857,197 37.2: Re.24,416 2,823,068 2,823,069 2,823,070 39: 2,843,419 44: 2,819,114 2,822,214 2,826,448 2,826,449 2,828,157 2,828,999 2,830,843 2,831,723 2,833,589 2,836,457 2,836,458 2,837,371 2,841,440 2,846,265 2,847,246 2,848,272 2,856,228 2,856,229 2,856,230 2,857,198 44.5: 2,821,430 2,822,215 2,823,071 2,826,462 2,840,416 2,844,405 2,847,247 47: 2,839,331 49.2: 2,838,340 51: 2,863,696 57: 2,821,431 2,829,001 64: 2,831,724 65: 2,823,949 2,829,002 2,848,273 2,859,063 2,866,664 69: 2,820,668 75: 2,862,761 76: 2,837,372 78: 2,826,450 84: 2,832,638 2,833,590 2,843,420 2,853,339 2,854,281 2,860,003 91: 2,823,072 94: 2,827,328 95: 2,830,844 2,832,639 2,843,421 2,851,303 2,854,282 97: 2,820,669 2,823,950 2,824,763 2,825,601 2,829,003 2,829,919 2,829,920 2,831,725 2,831,726 2,833,591 2,833,592 2,842,395 2,844,406 2,855,241 2,855,242 2,862,762 2,863,697 100: 2,857,199 102: 2,848,274 105: 2,824,764 106: 2,864,648 107: 2,833,593 2,860,913 116: 2,823,073 117: 2,841,441	296—	117: 2,856,231 2,860,004 2,860,914 136: 2,845,299 137: 2,823,951 2,838,341 2,843,422 2,853,340 2,861,836 298— 1: 2,857,200 2: 2,855,243 3: 2,852,304 11: 2,837,373 17: 2,845,300 18: 2,848,275 19: 2,846,266 20: 2,846,267 2,853,341 2,860,005 2,860,006 2,861,837 22: 2,821,432 2,831,727 2,836,459 2,836,460 2,842,396 2,842,397 2,842,398 2,843,423 2,849,255 2,856,232 2,860,915 23: 2,856,233 30: 2,821,433 35: 2,836,461 299— 1: 2,826,451 2,855,244 2,855,245 7: 2,860,916 13: 2,819,926 18: 2,824,765 2,835,529 2,854,283 2,859,064 20: 2,826,452 24: 2,826,453 2,830,845 2,836,462 2,850,321 25: 2,851,304 2,852,434 2,852,305 2,863,698 2,864,650 28: 2,835,530 28.5: 2,831,728 28.6: 2,856,237 28.7: 2,820,670 28.8: 2,832,640 29: 2,822,216 2,828,158 30: 2,836,463 2,843,424 2,865,671 35: 2,839,332 41: 2,852,306 47: 2,834,634 2,860,007 2,860,008 49: 2,835,531 52: 2,851,305 58: 2,822,217 2,829,004 59: 2,825,602 2,829,005 2,845,301 60: 2,835,532 61: 2,845,302 62: 2,845,303 63: 2,836,464 2,850,322 2,865,672 64: 2,823,952 65: 2,865,673 68: 2,848,276 2,862,763 69: 2,853,342 72: 2,852,307 73: 2,819,115 2,857,201 76: 2,862,764 78: 2,823,074 82.5: 2,821,435 2,821,436 83: 2,819,927 2,820,671 2,842,399 84: 2,827,329 2,829,921 2,829,922 2,841,442 2,844,407 2,849,256	299—	84: 2,856,234 2,857,202 2,860,917 86: 2,819,928 2,820,672 2,835,533 2,840,417 2,850,323 2,858,162 2,860,918 2,862,765 87: 2,827,330 2,831,729 2,854,284 88: 2,837,374 2,853,343 2,860,009 88.5: 2,826,454 2,847,248 89: 2,833,594 90: 2,823,953 2,825,603 2,847,249 95: Re.24,555 2,819,116 2,835,534 2,837,375 2,841,443 2,856,235 2,863,699 97: 2,861,839 104: 2,834,635 2,851,306 2,865,674 107: 2,823,954 2,850,324 2,850,325 107.2: 2,852,308 107.3: 2,831,730 107.6: 2,820,673 2,832,641 2,860,010 2,860,780 2,865,675 107.8: 2,857,203 112: 2,826,455 114: 2,820,674 115: 2,821,437 118: 2,829,923 120: 2,844,408 2,845,304 2,854,285 121: 2,823,075 2,860,919 2,864,652 123: 2,830,846 126: 2,852,309 127: 2,850,326 129: 2,832,642 130: 2,852,310 132: 2,832,642 2,852,311 139: 2,839,333 140: 2,850,327 2,851,307 2,857,204 2,863,700 2,864,653 140.1: 2,829,006 2,864,649 141: 2,820,675 2,839,334 2,845,305 2,850,328 2,856,236 2,860,920 144: 2,820,676 2,862,766 148: 2,843,425 149: 2,842,400 150: 2,832,643 2,845,306 153: 2,865,676 300— 7: 2,827,331 8: 2,842,401 10: 2,851,308 21: 2,854,286 2,860,011 2,860,921 301— 1: 2,819,117 2,841,444 2,858,163 5: 2,843,426 2,847,250 2,853,344 5.7: 2,863,701 6: 2,822,218 2,834,636 9: 2,839,335 2,839,336 2,840,418 2,842,402 2,852,312 2,857,205	301—	9: 2,866,665 11: 2,826,456 12: 2,846,268 13: 2,819,118 36: 2,844,409 37: Re.24,417 Re.24,437 Re.24,519 2,819,119 2,821,438 2,822,219 2,823,955 2,824,766 2,826,458 2,827,332 2,828,159 2,832,644 2,834,637 2,835,535 2,837,376 2,840,419 2,840,420 2,841,445 2,842,403 2,842,404 2,842,405 2,843,427 2,844,410 2,846,269 2,847,251 2,847,252 2,847,253 2,847,254 2,847,255 2,847,256 2,847,257 2,848,277 2,851,309 2,857,206 2,857,207 2,857,208 2,857,209 2,857,210 2,857,211 2,858,164 2,860,012 2,860,922 2,860,923 2,860,924 2,860,925 2,860,926 2,862,767 2,862,768 2,862,769 2,863,702 2,864,654 2,865,677 2,865,678 2,865,679 2,865,680 2,865,681 2,865,682 2,865,683 38: 2,823,956 2,863,703 41: 2,824,767 2,859,065 44: 2,830,847 63: 2,840,421 2,840,422 2,848,278 2,848,279 108: 2,819,929 2,854,287 124: 2,831,731 302— 11: 2,861,840 14: 2,835,536 2,852,313 2,861,841 17: 2,819,120 2,839,337 2,843,428 2,843,429 2,855,246 2,862,770 2,819,930 23: 2,837,377 28: 2,825,604 29: 2,828,163 2,832,645 2,833,595 2,842,406 35: 2,826,459 36: 2,825,605 2,827,333 2,835,537 2,839,338 2,858,165 37: 2,829,924 2,829,925 2,830,848	302—	37: 2,842,407 2,852,314 2,866,666 49: 2,852,315 50: 2,851,310 2,860,927 51: 2,844,411 52: 2,826,460 53: 2,819,121 2,821,439 2,829,007 2,836,465 2,848,280 2,850,329 55: 2,819,122 2,848,281 56: 2,864,655 58: 2,831,732 59: Re.24,538 2,819,123 2,819,124 2,862,771 63: 2,828,164 64: 2,827,334 2,841,446 66: 2,839,339 2,852,316 4: 2,819,125 2,822,220 2,861,842 6: 2,824,768 15: 2,841,447 18: 2,860,928 19: 2,820,677 22: 2,824,769 2,830,849 2,854,288 2,858,166 2,858,167 26: 2,829,008 2,831,733 2,832,646 2,861,843 35: 2,824,770 2,829,010 2,830,850 2,836,466 2,858,168 36: 2,858,169 2,858,170 38: 2,829,009 2,829,926 2,830,851 46: 2,821,440 2,841,448 2,846,270 54: 2,854,289 55: 2,846,271 2,846,272 60: 2,821,441 2,821,442 64: 2,829,011 2,865,680 68: 2,841,449 70: 2,841,450 75: 2,861,844 84: 2,847,258 2,850,330 85: 2,834,638 86: 2,844,412 2,855,247 89: 2,861,845 1: 2,827,335 2,851,311 2: 2,820,678 2,840,423 5: 2,819,931 2,823,078 2,824,771 2,825,606 2,828,165 2,829,012 2,829,927 2,832,647 2,832,648 2,841,451 2,846,274 2,859,066 6: 2,854,290 9: 2,822,221 2,837,377 10: 2,830,852 2,854,291 14: 2,830,853 15: 2,851,312 2,854,292 20: 2,840,424 24: 2,823,957 27: 2,829,257 29: 2,823,958 2,826,461 2,828,166 2,829,928 2,829,929 2,830,854
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304—	29:	2,833,596	307—	88:	2,827,573	307—	88.5:	2,864,006	308—	3.8:	2,836,469	308—	132:	2,856,242	309—	4:	2,850,339
		2,836,467			2,829,279			2,864,007			2,839,070		134.1:	2,836,472		5:	2,833,602
		2,843,430			2,830,196			2,864,961			2,860,929		138:	2,828,169		7:	2,835,542
		2,846,275			2,830,197			2,864,962			2,862,772			2,830,857			2,857,218
	30:	2,854,293			2,830,198			2,866,103			2,864,656		139:	2,852,319		8:	2,834,643
	31.5:	2,827,336			2,832,897			2,866,104			2,865,685		145:	2,854,297		10:	2,821,445
		2,838,342			2,834,893			2,866,105			2,829,930		152:	2,857,216			2,829,017
		2,848,282			2,841,804			2,866,106			2,835,540		156:	2,820,680			2,837,384
	32:	2,835,538			2,838,686			2,866,909			2,847,260		159:	2,865,687			2,857,220
	40:	2,823,959			2,838,687		91:	2,864,963			2,860,013		160:	2,820,681			2,860,934
		2,825,607			2,838,688		93:	2,832,900			2,863,704			2,857,217			2,863,707
		2,830,855			2,843,763			2,863,071			2,823,960		163:	2,861,847		11:	2,848,287
		2,830,856			2,846,593		94:	2,855,525			2,832,651		172:	2,854,298			2,849,264
		2,831,734			2,849,624		96:	2,854,591			2,833,598		174:	2,830,343			
		2,832,649			2,849,625		105:	2,824,978			2,846,278			2,852,320		12:	2,859,077
		2,836,468			2,852,699		106:	2,819,413			2,850,333		178:	2,858,174		13:	2,827,347
		2,841,452			2,854,586			2,820,156			2,858,172		179.5:	2,856,243		14:	2,833,603
		2,842,408			2,854,587			2,820,909			2,860,014		180:	2,822,224			2,851,317
		2,845,307			2,859,359			2,827,575			2,860,930			2,856,244			2,851,318
		2,847,259			2,862,112			2,842,684			2,863,705		181:	2,849,261			2,855,253
		2,849,258		88.5:	2,820,152			2,848,629		8.2:	2,823,083		183:	2,819,127			2,862,774
305—	1:	2,834,639			2,820,153			2,851,616		9:	2,858,173			2,822,225			2,865,694
	4:	2,852,317			2,820,154			2,853,634		10:	2,856,238		184:	2,826,464		16:	2,819,936
	6:	2,859,067			2,820,155			2,856,545			2,856,239			2,829,016		17:	2,825,610
	8:	2,858,171			2,821,639			2,861,202			2,856,240			2,865,689			2,853,347
		2,859,068			2,823,322			2,863,072		15:	2,823,961		187:	2,838,348			2,861,851
	9:	2,823,079			2,824,977		107:	2,829,282			2,829,014			2,848,284		19:	2,823,085
		2,837,378			2,825,821			2,841,720			2,841,454			2,849,262			2,849,265
		2,837,379			2,825,822		109:	2,822,481			2,844,417			2,855,250			2,849,266
		2,837,380			2,827,574			2,844,740		18:	2,824,772			2,856,245			2,850,340
		2,838,343			2,829,280		110:	2,836,735			2,827,539			2,858,175			2,851,319
		2,838,344			2,829,281			2,838,691		19:	2,833,599			2,861,848			2,860,016
		2,840,431			2,830,199		112:	2,833,939		20:	2,843,432		187.1:	2,864,657		20:	2,830,860
		2,840,432			2,831,126			2,833,940			2,823,084			2,823,966			2,847,261
	10:	2,821,443			2,831,127			2,848,630		22:	2,821,444			2,823,966			2,856,250
		2,823,080			2,831,128			2,856,546		23:	2,821,444			2,826,465		21:	2,840,427
		2,823,081			2,831,983			2,862,114		26:	2,823,962			2,827,344		23:	2,840,428
		2,823,082			2,831,984			2,864,008			2,824,773			2,844,419			2,843,434
		2,827,337			2,831,985		113:	2,831,129			2,839,340			2,848,285			2,844,421
		2,829,013			2,831,986		114:	2,835,830			2,845,309			2,851,315			2,846,280
		2,838,345			2,831,987		115:	2,832,901		27:	2,840,425			2,855,251			2,847,262
		2,841,453			2,832,898			2,857,528		28:	2,834,641			2,858,176			2,859,078
		2,844,413			2,832,899		116:	2,837,664			2,834,641			2,859,075			2,860,017
		2,845,308			2,833,938		127:	2,858,457			2,852,318			2,866,670			2,860,018
		2,849,259			2,835,828		132:	2,820,157		29:	2,819,932		187.2:	2,823,967			2,862,775
		2,854,294			2,835,829			2,825,823		36.1:	2,829,931			2,830,858		24:	2,826,468
		2,866,667			2,837,662			2,831,130			2,853,345			2,838,349			2,827,348
306—	1:	2,838,346			2,837,663			2,838,692			2,857,213			2,852,321			2,848,288
	13:	2,851,313			2,838,689			2,838,693			2,859,071			2,856,246		26:	2,828,170
	29:	2,846,277			2,838,690			2,852,701			2,860,931		189:	2,838,350		29:	2,860,019
	32:	2,837,381			2,840,726			2,852,702		36.3:	2,844,418			2,850,337			2,860,935
		2,850,331			2,840,727			2,852,703		36.4:	2,829,932			2,866,671			2,860,936
	33:	2,844,414			2,840,728			2,853,635		38:	2,842,409			2,866,672		33:	2,836,474
307—	9:	2,826,705			2,841,719			2,857,529			2,854,295		191:	2,848,286			2,852,323
	10:	2,820,149			2,842,682			2,864,009		41:	2,845,310		193:	2,819,128			2,857,219
		2,828,426			2,842,683			2,866,107		47:	2,859,072		194:	2,829,933			2,857,221
		2,842,680			2,843,761		133:	2,825,824		53:	2,833,600			2,865,688			2,862,776
		2,853,627			2,843,762			2,858,458			2,859,073			2,866,673			2,866,674
		2,862,110			2,843,764		136:	2,860,262		54:	2,839,341			2,872,345		34:	2,822,227
	14:	2,860,257			2,843,765			2,852,704		55:	2,828,167			2,861,849			2,865,695
	17:	2,852,698			2,843,766		140:	2,852,705		56:	2,866,668			2,859,076		35:	2,828,171
	24:	2,853,628			2,844,739			2,860,263		62:	2,826,462		203:	2,850,338		40:	2,854,301
	31:	2,819,410			2,845,547			2,862,116			2,860,015			2,858,177			2,855,254
		2,851,613			2,845,548			2,863,073		63:	2,848,283			2,865,690		41:	2,842,411
	34:	2,843,759			2,846,594		144:	2,849,627		71:	2,857,214		207:	2,819,129		43:	2,833,604
	35:	2,819,411			2,847,583		145:	2,838,694		72:	2,819,933			2,826,466			2,833,605
		2,820,150			2,848,628		147:	2,853,636			2,825,608			2,836,473			2,833,606
		2,831,982			2,849,626			2,857,530			2,827,340			2,866,673			2,852,324
	38:	2,842,681			2,850,646			2,862,117			2,863,706			2,856,247		44:	2,823,086
	43:	2,859,355			2,850,647			2,829,283		73:	2,823,963			2,842,410			2,837,385
	44:	2,858,454			2,850,648		148:	2,824,241			2,860,932			2,845,311			2,837,386
	52:	2,834,892			2,850,649		149:	2,824,242		74:	2,836,470			2,862,773			2,844,422
	57:	2,824,240			2,850,650			2,825,825			2,850,334			2,845,312			2,844,423
		2,828,427			2,851,614			2,827,576		76:	2,826,463			2,864,658			2,844,424
		2,829,278			2,851,615			2,833,941			2,854,296			2,864,659			2,844,425
		2,835,827			2,852,700			2,837,665		77:	2,823,964		234:	2,819,130			2,844,426
		2,836,733			2,853,629			2,841,721			2,833,601		235:	2,854,300			2,861,852
		2,839,692			2,853,630			2,851,617			2,836,471		236:	2,822,226		45:	2,821,446
		2,840,723			2,853,631			2,857,531			2,841,455			2,861,850			2,827,349
		2,843,760			2,853,632			2,862,118			2,866,669			2,852,322			2,831,738
		2,859,356			2,853,633			2,864,010		79:	2,829,015			2,855,252			2,844,427
		2,859,357			2,854,588			2,864,011			2,841,456			2,865,691			2,859,079
		2,859,358			2,854,589			2,866,108		83:	2,855,248			2,851,316			2,864,660
		2,861,196			2,855,624		150:	2,820,910		84:	2,827,341		238:	2,831,737		46:	2,846,281
		2,861,197			2,856,544			2,830,200			2,856,241			2,860,933			2,851,618

310— 8.1: 2,838,695 2,838,696 2,840,730 2,849,628 2,852,077 2,863,075 8.2: 2,859,695 8.3: 2,824,980 2,830,201 2,842,685 2,864,013 8.4: 2,830,202 2,849,629 8.5: 2,836,738 2,841,722 2,844,741 2,855,526 8.6: 2,863,076 8.7: 2,842,686 8.9: 2,833,942 2,846,596 2,857,532 9.1: 2,820,911 2,830,203 2,831,989 2,842,687 9.4: 2,824,219 2,824,981 2,850,651 2,860,265 9.6: 2,830,204 2,837,667 2,856,549 9.7: 2,829,284 11: 2,850,652 13: 2,831,131 14: 2,831,990 15: 2,820,158 2,822,482 2,832,902 2,838,697 2,842,688 16: 2,820,159 18: 2,835,831 19: 2,847,587 20: 2,823,323 2,866,910 21: 2,859,362 23: 2,820,160 24: 2,851,619 25: 2,838,698 26: 2,820,912 2,826,706 2,831,132 2,837,668 2,838,699 2,842,689 2,847,588 2,854,593 2,866,911 27: 2,820,161 2,832,903 2,835,832 2,838,700 2,846,597 2,846,598 2,848,632 32: 2,833,943 35: 2,820,913 37: 2,825,826 2,844,743 2,866,109 38: 2,827,578 40: 2,827,579 2,847,589 2,853,637 2,861,203 42: 2,832,904 43: 2,820,914 2,831,991 2,846,599 44: 2,834,895 45: 2,822,483 2,836,740 2,837,669 2,856,547 46: 2,844,744 2,861,204 49: 2,823,324 2,834,896 2,837,670 2,851,620 50: 2,829,285 2,841,723 2,857,533 53: 2,829,286 54: 2,854,594 2,862,119 2,862,120 57: 2,819,415 2,844,745 2,862,121 59: 2,834,897 2,836,741	310— 60: 2,825,827 2,856,548 61: 2,833,944 2,846,600 2,864,014 64: 2,824,983 2,828,428 65: 2,844,746 67: 2,828,429 68: 2,821,640 2,825,828 2,830,205 2,843,768 2,815,549 2,847,591 2,850,528 69: 2,844,747 70: 2,843,769 2,845,550 2,847,590 2,866,912 72: 2,843,770 74: 2,857,534 75: 2,820,162 76: 2,841,724 77: 2,823,325 78: 2,829,287 2,847,592 81: 2,857,535 82: 2,857,536 2,866,110 83: 2,838,701 2,857,537 87: 2,820,163 2,824,984 2,829,288 2,845,551 2,854,595 2,862,122 89: 2,839,696 90: 2,823,326 2,832,905 2,832,906 2,844,742 2,845,552 2,847,593 91: 2,828,430 93: 2,819,416 2,830,206 2,833,945 2,836,742 2,839,697 2,842,690 2,852,708 2,864,015 94: 2,850,654 96: 2,822,484 2,824,244 2,847,594 97: 2,851,621 99: 2,852,709 102: 2,825,829 2,864,016 103: 2,857,538 104: 2,858,461 105: 2,827,580 2,827,581 2,838,702 2,840,731 2,855,527 111: 2,834,898 2,866,913 112: 2,841,725 2,860,266 2,864,964 113: 2,832,907 126: 2,864,017 138: 2,842,691 153: 2,835,833 2,856,550 154: 2,830,207 2,835,834 2,849,630 2,853,638 156: 2,831,992 2,836,743 2,861,205 2,863,077 157: 2,822,485 159: 2,825,830 162: 2,823,327 163: 2,864,018 168: 2,820,915 2,824,245 2,827,582 2,866,111 171: 2,832,908 172: 2,827,583 2,845,553 178: 2,828,431 2,832,909 2,832,910 2,845,554 183: 2,831,133	310— 183: 2,844,748 190: 2,850,655 198: 2,854,596 208: 2,836,744 211: 2,846,601 2,857,539 213: 2,821,641 2,830,208 214: 2,858,462 216: 2,830,209 2,845,555 217: 2,838,703 220: 2,828,432 228: 2,833,946 2,854,597 2,855,528 234: 2,826,707 2,829,289 2,844,749 2,845,556 235: 2,846,602 236: 2,837,671 2,843,771 239: 2,840,732 2,842,692 240: 2,842,693 241: 2,862,123 245: 2,848,633 246: 2,821,642 2,822,486 2,836,745 2,838,704 2,840,733 2,840,734 2,851,622 2,852,710 2,862,124 247: 2,825,831 2,864,019 249: 2,849,631 2,857,540 2,866,112 258: 2,819,417 2,822,487 2,846,603 260: 2,848,634 261: 2,819,418 266: 2,860,267 269: 2,852,711	311— 1: 2,838,351 2,842,412 2,843,435 2, 2,857,222 3: 2,850,341 4: Re.24,453 2,819,937 2,829,018 2,833,607 2,836,475 2,848,289 2,857,223 5: 2,837,387 2,845,314 6: 2,828,172 2,840,429 2,854,302 7: 2,832,655 2,832,656 2,851,320 2,860,937 10: 2,819,132 2,850,342 11: 2,819,133 17: 2,827,350 2,833,608 2,844,428 2,860,020 2,861,853 2,861,854 18: 2,827,351 2,843,436 21: 2,825,611 2,832,657 2,835,543 2,845,315 2,856,251 2,860,021 22: 2,858,178 23: 2,837,388 25: 2,844,429 28: 2,838,352 29: 2,837,389 32: 2,842,413 33: 2,830,862 34: 2,857,224 35: 2,829,034 2,833,609 2,837,390 2,851,321 2,865,696 36: 2,825,612 2,829,935 2,860,938 38: 2,837,391	311— 38: 2,848,290 39: 2,819,134 2,831,739 2,842,414 2,842,415 2,843,437 2,846,282 2,854,303 2,857,225 2,857,226 54: 2,848,291 61: 2,820,682 67: 2,852,325 71: 2,825,613 2,844,430 2,860,939 77: 2,837,392 2,842,416 2,845,316 79: 2,834,644 2,845,317 80: 2,857,227 2,857,228 83: 2,835,544 2,859,080 84: 2,836,476 86: 2,829,019 88: 2,860,940 89: 2,831,740 90: 2,827,352 2,861,855 2,862,777 92: Re.24,454 2,828,173 2,831,741 95: 2,829,936 98: 2,862,778 99: 2,823,087 2,838,353 2,853,348 103: 2,847,263 2,865,697 104: 2,828,174 105: 2,851,322 2,855,255 106: 2,826,469 2,840,430 2,845,318 107: 2,846,283 2,851,323 109: 2,821,447 2,829,937 2,842,417 110: 2,828,175 111: 2,822,228 114: 2,826,470 2,855,256 312— 7: Re.24,455 2,839,344 2,849,267 2,850,343 2,855,257 10: 2,850,344 20: 2,848,292 21: 2,835,545 27: 2,822,229 2,829,020 30: 2,833,610 2,844,431 31: 2,821,448 31.01: 2,821,449 31.1: 2,819,135 2,820,683 2,852,326 2,860,023 2,862,779 33: 2,853,349 35: 2,865,698 36: 2,826,471 2,860,941 38: 2,834,645 2,847,264 2,849,268 2,854,304 2,861,856 39: 2,819,136 2,819,137 2,823,089 2,823,968 2,823,969 2,824,774 2,834,646 2,839,346 2,849,269 2,850,345 2,865,699 45: 2,851,324 2,852,327 71: 2,834,647 97.1: 2,854,305 101: 2,826,472	312— 107: 2,853,350 111: 2,821,450 2,824,775 2,825,614 2,840,431 / 116: 2,829,938 117: 2,835,546 119: 2,846,284 120: 2,859,081 138: 2,821,451 140: 2,825,615 2,854,306 140.3: 2,820,684 2,855,258 140.4: 2,850,346 183: 2,821,452 2,845,319 187: 2,831,742 189: 2,826,473 194: 2,823,970 2,832,658 2,853,351 2,856,252 200: 2,860,024 201: 2,819,938 204: 2,845,320 207: 2,820,685 209: 2,840,432 2,842,418 2,859,082 214: 2,819,138 2,828,176 2,831,743 2,839,347 2,840,433 2,840,434 2,845,321 2,852,328 2,862,780 2,866,675 217: 2,828,177 218: 2,829,021 2,842,419 2,853,352 219: 2,835,547 221: 2,827,353 2,860,025 222: 2,843,438 2,847,265 2,848,293 223: 2,821,453 2,825,616 2,829,022 2,861,857 227: 2,847,266 228: 2,844,432 2,855,259 2,856,253 233: 2,843,439 2,845,322 234: 2,819,139 2,848,294 236: 2,863,708 241: 2,829,939 242: 2,819,140 244: 2,845,323 245: 2,830,863 246: 2,838,354 247: 2,854,307 252: 2,821,454 253: 2,857,229 255: 2,831,744 2,841,457 2,846,285 257: 2,829,023 2,831,745 2,837,393 2,837,394 2,838,355 2,855,260 2,855,261 2,858,179 2,866,676 259: 2,838,356 263: 2,839,348 266: 2,832,659 2,856,254 267: 2,853,353 2,857,230 268: 2,829,024 270: 2,841,458 2,846,286 2,860,942 271: 2,836,477 272.5: 2,846,287 2,837,395 274: 2,840,435 282: 2,820,686 283: 2,861,858 284: 2,836,478 2,840,436 2,843,440 290: 2,823,971 293: 2,851,325	312— 296: 2,860,026 297: 2,853,354 298: 2,859,083 2,860,943 301: 2,843,441 302: 2,858,180 303: 2,819,141 304: 2,857,231 305: 2,827,354 2,830,864 306: 2,831,746 2,838,357 2,841,459 2,854,308 309: 2,819,142 2,865,700 310: 2,847,267 311: 2,823,972 2,843,442 2,853,355 312: 2,860,027 317: 2,854,309 319: 2,828,178 2,856,255 320: 2,842,420 2,861,859 2,866,677 321: 2,863,709 322: 2,840,438 323: 2,822,320 2,823,973 2,839,349 325: Re.24,498 2,829,940 2,843,443 2,855,262 2,861,860 328: 2,849,270 329: 2,857,232 330: 2,826,475 333: 2,823,090 336: 2,822,231 341: 2,822,232 2,843,444 2,855,263 344: 2,832,660 345: 2,850,347 346: 2,841,460 347: 2,857,233 348: 2,826,474 350: 2,820,687 2,849,271 351: 2,825,617 2,839,350 2,840,439 2,852,329 352: 2,835,548 313— 1: 2,822,488 2,840,735 6: 2,836,746 2,837,672 7: Re.24,428 2,826,708 2,826,709 2,841,726 2,848,635 11.5: 2,831,993 13: 2,840,737 15: 2,820,164 22: 2,822,489 24: 2,863,078 25: 2,830,210 2,838,705 2,845,557 2,849,632 35: 2,820,165 2,831,994 38: 2,825,832 2,860,268 2,862,125 40: 2,848,636 45: 2,829,290 2,849,633 51: 2,851,623 54: 2,824,246 2,824,985 2,834,899 2,845,558 2,856,551 2,860,269 55: 2,822,490 2,839,698 57: 2,836,747 2,842,694 2,849,634 2,866,113 58: 2,836,748 2,845,559 59: 2,836,749 2,850,656 2,866,114 60: 2,831,995
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313— 61: 2,842,695 2,845,560 62: 2,822,491 2,825,833 2,830,211 63: 2,831,134 2,831,996 2,835,835 2,836,750 2,860,270 64: 2,820,166 2,823,328 2,827,584 2,836,751 2,847,595 65: 2,820,167 2,824,247 2,824,986 2,843,772 2,843,773 2,845,561 2,849,635 2,850,657 2,851,624 2,851,625 2,861,206 66: 2,824,248 2,825,834 2,839,699 2,843,774 2,862,126 67: 2,821,643 68: 2,819,419 2,824,249 2,834,900 2,841,727 2,846,604 2,858,463 2,861,207 69: 2,837,673 2,838,706 2,838,464 70: 2,829,291 2,837,674 2,847,597 2,847,597 2,847,598 2,850,658 2,850,659 2,851,626 2,855,529 2,861,208 71: 2,835,836 2,846,605 2,864,020 72: 2,837,675 73: 2,862,127 74: 2,820,168 75: 2,859,363 2,859,364 76: 2,824,987 2,827,585 2,830,212 2,830,213 2,831,135 2,831,136 2,831,997 2,834,901 2,836,752 2,845,562 2,846,606 2,852,712 2,861,209 77: 2,824,250 2,825,835 2,831,998 2,834,902 2,855,530 2,859,365 2,860,271 2,864,021 78: 2,821,644 2,824,251 2,824,988 2,825,836 2,832,911 2,835,947 2,834,902 2,840,738 2,842,696 80: 2,845,563 81: 2,854,599 82: 2,821,645 2,822,492 2,825,837 2,828,433 2,829,292 2,835,837 2,835,838 2,839,700 2,840,739 2,846,607 2,847,599 2,853,639 2,859,366	313— 82: 2,864,965 2,866,115 83: 2,833,948 84: 2,820,917 2,828,434 2,840,740 2,843,775 2,844,750 2,847,600 2,847,601 2,849,636 85: 2,824,989 2,824,990 2,843,776 2,846,608 2,856,552 2,862,128 2,863,079 86: 2,862,129 89: 2,822,493 92: 2,828,435 2,836,753 2,836,754 2,837,676 2,842,697 2,843,777 2,845,564 2,861,210 2,862,130 93: 2,824,252 2,824,991 2,835,839 2,837,677 2,837,678 2,858,465 94: 2,864,022 95: 2,836,755 2,841,728 102: 2,829,293 104: 2,841,729 105: 2,824,253 2,866,914 107: 2,846,609 2,858,466 2,820,916 2,822,494 2,829,294 108: Re.24,540 2,819,420 2,820,918 2,821,646 2,824,992 2,834,903 2,838,715 2,840,741 2,846,610 2,847,602 2,848,637 2,855,531 2,856,553 2,857,541 2,859,367 2,866,116 2,866,117 2,866,118 109: 2,824,993 2,829,295 2,830,214 2,831,137 2,832,912 2,835,840 2,838,707 2,849,637 2,854,600 2,864,966 109.5: 2,833,949 2,848,638 2,822,495 2,862,131 2,826,710 2,843,778 2,848,639 2,859,368 2,859,369 114: 2,843,779 2,851,627 115: 2,858,467 123: 2,852,713 130: 2,831,138 2,860,272 131: 2,836,756 2,840,742 2,845,565 2,859,370 137: 2,833,950 2,863,080 141: 2,823,329 2,845,566 2,848,640 143: 2,834,904 2,843,780 145: 2,837,679 146: 2,819,421 2,839,701	313— 148: 2,831,139 2,864,023 2,866,119 149: 2,825,838 2,864,967 151: 2,840,743 156: 2,862,132 157: 2,823,330 2,855,532 161: 2,842,698 2,855,533 165: 2,824,254 173: 2,841,731 174: 2,838,708 2,855,534 176: 2,830,215 2,841,732 178: 2,843,781 2,862,133 179: 2,834,905 180: 2,837,680 181: 2,835,841 184: 2,821,647 2,841,733 2,848,641 185: 2,828,436 2,833,951 2,864,024 188: 2,822,496 2,830,216 2,847,603 2,855,535 189: 2,843,782 190: 2,831,999 2,845,567 193: 2,840,744 195: 2,840,745 196: 2,821,648 2,842,699 197: 2,826,711 2,856,554 198: 2,819,422 199: 2,857,542 205: 2,850,660 213: 2,824,994 215: 2,850,661 216: 2,824,255 2,829,296 2,845,568 217: 2,834,906 2,840,746 2,844,751 231: 2,819,423 2,840,747 2,850,662 232: 2,858,468 235: 2,827,586 238: 2,863,081 239: 2,835,842 240: 2,822,497 2,841,734 242: 2,841,735 2,843,783 243: 2,852,714 244: 2,859,371 246: 2,838,709 247: 2,853,640 2,866,120 248: 2,866,121 249: 2,828,437 250: 2,822,498 2,828,438 2,833,952 2,859,372 2,862,134 256: 2,843,784 257: 2,849,638 2,850,663 258: 2,837,681 260: 2,837,682 2,854,601 2,858,469 2,862,135 261: 2,820,919 2,849,639 2,862,136 265: 2,850,664 270: 2,857,543 271: 2,824,995 273: 2,840,748 2,841,736 274: 2,830,217 2,845,569 275: 2,864,968 278: 2,863,082 279: 2,829,297 2,848,642 2,864,025 292: 2,835,843 2,843,785 2,849,640 293: 2,834,907 2,864,026	313— 294: 2,843,786 2,840,749 2,864,027 299: 2,820,169 2,857,544 2,860,273 302: 2,866,122 307: 2,844,752 313: 2,840,750 316: 2,821,649 317: 2,833,953 318: 2,841,737 2,842,700 2,848,643 2,860,274 325: 2,859,373 327: 2,857,545 330: 2,821,650 2,836,757 2,863,083 337: 2,837,683 2,847,604 2,866,915 339: 2,840,751 340: 2,831,140 2,842,701 341: 2,827,587 2,855,536 344: 2,820,920 346: 2,822,499 2,830,218 2,847,605 2,848,644 2,858,470 2,860,275 2,864,028 348: 2,825,839 2,851,628 2,861,211 350: 2,821,651 2,829,298 351: 2,860,276 352: 2,858,471 354: 2,850,665 356: 2,843,787 359: 2,832,000 2,857,546 2,823,331 134: 2,833,954 315— 1: 2,842,702 2,849,641 2,863,084 2,864,029 2,864,030 3: 2,831,141 2,842,703 2,847,606 3.5: Re.24,460 2,819,424 2,820,170 2,820,171 2,822,500 2,822,501 2,822,502 2,823,332 2,824,256 2,824,996 2,825,840 2,825,841 2,827,588 2,827,589 2,828,439 2,829,299 2,829,300 2,830,219 2,830,220 2,833,955 2,833,956 2,837,684 2,841,738 2,841,739 2,842,704 2,843,788 2,843,789 2,843,793 2,843,797 2,844,753 2,844,754 2,845,570 2,845,571 2,846,612 2,847,608 2,848,645 2,849,650 2,850,666 2,851,629 2,851,630 2,853,641 2,853,642 2,853,643 2,853,644 2,856,555 2,857,547	315— 3.5: 2,857,548 2,860,277 2,860,278 2,862,137 2,863,085 2,863,086 3.6: 2,820,172 2,821,652 2,823,333 2,824,257 2,828,440 2,829,301 2,830,221 2,831,142 2,832,001 2,834,908 2,834,909 2,836,758 2,840,752 2,843,790 2,843,791 2,843,792 2,846,613 2,849,642 2,849,643 2,851,631 2,855,537 2,858,472 2,859,374 2,859,375 2,861,212 2,866,916 4: 2,866,917 5.13: 2,828,441 5.16: 2,849,644 5.18: 2,830,222 2,853,645 5.21: 2,824,258 2,853,646 5.22: 2,823,334 2,825,842 2,825,843 2,825,844 2,837,685 2,843,794 2,847,609 2,856,556 2,861,213 2,866,123 5.23: 2,826,712 5.24: 2,840,753 2,844,755 5.27: 2,835,844 5.34: 2,826,713 2,840,754 5.35: 2,830,223 5.39: 2,824,997 2,843,795 2,855,538 5.41: 2,836,759 5.42: 2,842,705 2,860,279 5.44: 2,858,473 5.46: 2,837,686 2,860,280 5.47: 2,853,647 2,856,557 2,857,549 5.48: 2,846,614 2,852,715 5.49: 2,844,756 5.51: 2,838,710 5.53: 2,830,224 2,860,281 2,862,138 8: 2,849,645 8.5: 2,829,302 2,855,539 2,855,540 2,856,558 2,857,550 2,859,376 2,860,282 8.6: 2,827,590 2,841,740 2,848,646 9: 2,820,173 2,820,921 2,839,702 2,848,647 10: 2,831,143 2,833,957 2,837,687 2,845,572 2,859,377 11: 2,821,653 2,831,144 2,837,688 2,840,755 2,842,706 2,853,648 2,861,214 2,863,087 2,866,918	315— 12: 2,821,654 2,824,259 2,826,714 2,826,715 2,830,225 2,833,958 2,834,910 2,835,845 2,836,760 2,841,741 2,842,707 2,843,798 2,843,799 2,846,615 2,847,610 2,850,667 2,850,677 2,853,649 2,855,541 2,856,559 2,862,139 2,862,140 2,863,088 2,863,089 2,863,090 2,864,031 13: 2,820,174 2,824,260 2,825,845 2,825,846 2,825,847 2,826,716 2,827,591 2,834,911 2,836,761 2,842,708 2,845,573 2,849,646 2,849,647 2,855,542 2,859,378 2,863,091 2,864,032 2,866,124 2,866,125 14: 2,821,655 2,827,592 2,837,689 2,844,757 2,860,127 15: 2,839,703 2,852,716 20: 2,837,690 2,846,616 2,860,283 2,864,969 21: 2,827,593 2,830,226 2,833,959 2,834,912 2,839,704 2,841,742 2,844,758 2,857,552 2,862,141 2,862,142 2,864,033 2,866,128 2,866,919 22: 2,825,848 2,829,303 2,830,227 2,836,762 2,840,756 2,843,796 2,858,474 2,860,284 2,862,143 23: 2,821,656 2,826,717 2,837,691 24: 2,830,228 2,831,145 2,836,763 2,842,709 2,846,617 2,849,648 2,850,668 2,857,553 2,861,215 2,866,129 25: 2,842,710 2,842,711 2,850,669 2,850,670 2,864,970 26: 2,831,146 2,832,002 2,848,648 2,858,475 2,820,175
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315— 27: 2,820,922 2,821,657 2,822,503 2,825,849 2,825,850 2,829,304 2,829,305 2,830,229 2,830,230 2,832,003 2,833,960 2,833,961 2,834,913 2,835,846 2,837,692 2,841,744 2,844,759 2,845,574 2,845,575 2,850,678 2,851,632 2,852,717 2,852,718 2,853,650 2,854,602 2,856,560 2,859,379	315— 57: 2,821,660 58: 2,864,972 60: 2,825,000 2,863,094 65: 2,862,147 74: 2,859,381 80: 2,862,148 82: 2,822,505 2,863,095 83: 2,820,925 2,825,851 2,827,594 2,829,307 2,832,914 2,835,847 2,840,758 2,843,802 2,844,760 2,848,650 2,848,651 2,850,673 2,850,674 2,853,651 2,853,652 2,854,604 2,859,382 2,863,096 2,866,131 84: 2,840,759 84.5: 2,828,447 2,829,308 2,829,309 2,831,150 2,836,765 2,839,705 2,849,653 2,851,635 2,851,636 2,851,637 2,857,554 2,858,477 2,861,216 2,862,149 2,863,097 2,866,132 84.6: 2,822,506 2,823,336 2,835,848 2,845,578 2,847,615 2,849,654 2,849,655 2,860,286 2,864,034 85: 2,859,383 93: 2,850,675 95: 2,866,133 96: 2,831,151 97: 2,824,262 2,830,232 2,838,714 2,849,656 2,850,676 2,853,653 2,861,217 2,864,035 98: 2,821,661 2,823,337 2,829,310 2,858,478 2,861,218 2,863,098 100: 2,858,479 2,861,219 104: 2,825,852 2,840,760 105: 2,844,761 106: 2,822,507 107: 2,843,803 108: 2,841,730 111: 2,819,427 2,821,662 2,839,706 116: 2,864,973 122: 2,825,001 127: 2,866,921 135: 2,851,638 2,856,562 2,859,384 138: 2,824,263 2,829,311 2,832,008 2,837,697 2,848,652 144: 2,821,663 145: 2,820,177 151: 2,835,849 2,836,766 2,857,555 152: 2,838,716 157: 2,820,926 159: 2,844,762 163: 2,830,233 2,834,917 2,839,707	315— 163: 2,840,761 2,861,220 165: 2,829,312 166: 2,825,002 2,826,720 2,844,763 2,850,679 2,855,544 168: 2,825,853 2,832,915 2,840,762 2,848,653 169: 2,829,313 2,849,657 2,859,385 2,866,922 173: 2,858,481 178: 2,843,804 180: 2,827,595 2,835,850 181: 2,847,616 183: 2,832,009 2,844,764 2,845,579 184: 2,842,715 189: 2,859,386 193: 2,853,654 194: 2,861,221 196: 2,839,708 200: 2,829,314 201: 2,820,178 2,859,387 204: 2,825,003 205: 2,825,004 2,859,680 2,856,563 2,856,564 207: 2,856,565 208: 2,829,315 213: 2,819,428 214: 2,864,974 218: 2,863,099 224: 2,862,150 230: 2,820,179 2,834,918 232: 2,833,963 2,837,698 233: 2,840,763 239: 2,825,005 241: 2,853,655 243: 2,852,721 248: 2,822,508 2,833,964 251: 2,859,388 2,862,151 252: 2,835,851 2,840,764 2,866,134 257: 2,820,180 266: 2,843,805 276: 2,840,765 282: 2,846,619 295: 2,842,716 317: 2,848,654 320: 2,860,287 325: 2,831,152 344: 2,849,658 316— 1: 2,825,018 2,832,061 8: 2,855,264 22: 2,844,433 26: 2,825,619 2,845,324 27: 2,861,861 30: 2,829,941 2,843,445 31: 2,837,396 2,845,325 2,855,265 317— 2: 2,821,664 2,822,509 2,851,639 2,857,556 2,858,482 2,866,923 2,841,745 5: 2,834,919 2,847,617 8: 2,820,181 9: 2,821,665 2,839,709 2,851,640 2,857,557 2,864,975 11: 2,830,234 2,842,717 2,845,580 2,849,659 2,855,545 2,864,976 12: 2,819,429 2,859,389 2,862,152	317— 13: 2,821,666 2,821,667 2,825,006 2,832,916 2,836,720 2,842,718 2,847,618 14: 2,834,920 15: 2,866,135 16: 2,840,766 2,855,546 18: 2,836,768 2,844,765 2,855,547 19: 2,828,448 20: 2,829,316 22: 2,836,709 2,838,717 2,856,566 2,861,222 2,861,223 23: 2,832,010 2,842,719 2,858,483 26: 2,825,007 27: 2,863,100 28: 2,834,921 29: 2,849,660 31: 2,836,770 36: 2,845,581 2,846,620 37: 2,823,338 44: 2,864,036 46: 2,838,718 47: 2,836,771 2,864,037 49: 2,820,927 2,821,668 50: 2,842,720 51: 2,833,965 2,841,746 2,845,582 54: 2,832,011 2,832,917 2,845,583 2,846,621 58: 2,846,622 60: 2,856,567 69: 2,835,852 2,859,390 70: 2,825,008 83: 2,826,721 88: 2,848,655 95: 2,866,924 99: 2,824,264 2,829,317 2,832,012 2,862,153 100: 2,843,806 101: 2,821,669 2,825,009 2,825,010 2,832,013 2,833,966 2,834,922 2,836,772 2,849,661 2,850,681 2,853,656 2,857,558 2,864,977 2,866,136 103: 2,826,722 112: 2,829,318 119: 2,823,339 2,837,699 123 2,825,011 2,832,918 2,841,747 2,854,605 2,856,568 2,858,484 2,858,485 124: 2,838,719 130: 2,820,182 2,825,012 2,842,721 2,850,682 131: 2,848,656 132: 2,845,584 2,848,657 137: 2,828,449 139: 2,866,137 140: 2,827,596 141: 2,830,235 2,837,700 142: 2,821,670 2,826,723 2,837,701 147: 2,822,510 148: 2,849,662 149.5: 2,828,450 2,848,658 2,864,978	317—148.5: 2,866,925 149: 2,822,511 2,828,451 2,833,967 2,834,923 2,848,659 2,850,683 2,854,606 2,860,288 2,862,154 2,863,101 151: 2,824,265 153: 2,850,684 155.5: 2,857,559 156: 2,819,430 157.5: 2,825,854 2,838,720 2,848,660 158: 2,819,431 2,838,721 2,853,657 2,854,607 2,854,608 2,860,289 163: 2,823,340 2,861,224 164: 2,837,702 165: 2,824,266 2,825,013 2,834,924 2,845,585 2,848,661 2,850,685 2,863,102 166: 2,840,767 2,847,619 2,848,662 2,866,138 167: 2,866,926 171: 2,833,968 2,834,925 2,836,773 2,836,774 2,850,686 2,859,391 2,864,038 2,866,927 172: 2,820,183 2,836,775 2,844,766 176: 2,843,807 177: 2,844,767 178: 2,859,392 180: 2,846,623 2,858,486 182: 2,860,290 2,864,979 186: 2,856,569 187: 2,843,808 2,853,658 188: 2,832,919 2,832,920 189: 2,830,236 2,847,620 2,861,225 191: 2,819,432 2,829,319 2,853,659 2,853,660 2,855,548 2,858,487 195: 2,832,921 197: 2,849,663 2,863,103 2,864,039 198: 2,820,928 2,840,768 2,840,769 2,844,768 2,847,621 2,848,663 2,851,641 199: 2,858,488 200: 2,821,671 2,824,267 203: 2,832,922 230: 2,825,855 2,826,724 2,830,237 2,834,926 2,846,624 2,847,622 2,851,642 2,856,570 2,862,155 2,862,156 2,862,157 2,866,139 231: 2,848,664 234: Re.24,537 2,819,433 2,819,434 2,819,435 2,819,436	317— 234: 2,820,929 2,820,930 2,822,512 2,825,014 2,825,856 2,827,597 2,829,320 2,830,238 2,832,014 2,832,015 2,837,703 2,839,710 2,842,722 2,844,769 2,844,770 2,844,771 2,846,625 2,847,623 2,849,664 2,852,722 2,852,723 2,853,661 2,853,662 2,854,609 2,861,226 2,861,227 2,862,158 2,862,159 2,863,104 2,863,105 2,864,980 2,866,928 235: 2,824,268 2,825,857 2,825,858 2,827,598 2,827,599 2,833,969 2,837,704 2,838,722 2,842,723 2,842,724 2,843,809 2,844,772 2,846,626 2,848,665 2,849,665 2,850,687 2,854,610 2,855,549 2,857,560 2,858,489 2,859,393 2,860,291 2,861,228 2,861,229 2,862,160 2,866,140 2,866,929 236: 2,820,184 2,820,931 2,824,269 2,825,015 2,832,016 2,835,853 2,842,725 2,847,624 2,856,571 2,859,394 2,861,230 2,863,106 237: 2,829,321 2,830,239 2,850,688 2,854,611 238: 2,826,725 239: 2,820,185 240: 2,820,932 2,840,770 2,854,612 2,828,452 2,828,453 2,832,923 2,841,749 2,853,663 242: 2,828,454 2,836,776 2,838,727 2,846,627 246: 2,824,270 2,848,666 2,848,667 2,864,981 2,866,141 248: 2,827,600 249: 2,820,933 2,827,601 2,849,666 2,855,550 2,858,490 250: 2,830,240 257: 2,858,491 258: 2,842,726
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317—	253:	2,864,982	318—	77:	2,834,927	318—	311:	2,840,773	321—	13:	2,843,817	322—	59:	2,846,640	323—	89:	2,842,734
		2,866,142			2,841,751		314:	2,864,988		14:	2,866,147		77:	2,841,756			2,846,642
260:		2,820,934		85:	2,824,271		318:	2,828,459		15:	2,820,940	323—	4:	2,824,276			2,853,674
		2,858,492		102:	2,842,728		325:	2,819,441			2,823,347			2,841,757			2,853,675
		2,861,231			2,864,046			2,823,343			2,856,575			2,863,113			2,855,563
318—	2:	2,841,750		103:	Re.24,499			2,829,327		16:	2,819,442			2,864,052			2,856,578
	6:	2,825,016			2,825,860			2,848,676			2,836,784			2,866,945			2,858,503
		2,828,455		118:	2,848,672		327:	2,825,861			2,843,818		6:	2,825,865			2,861,240
		2,844,773		127:	2,853,667			2,847,632			2,845,590		8:	2,832,033			2,866,947
		2,845,580		128:	2,829,324			2,851,650			2,860,299		9:	2,832,032	00:		2,833,981
		2,862,161			2,814,777		331:	2,836,782			2,862,170		17:	2,826,734			2,840,779
	7:	2,837,705			2,852,725			2,838,725			2,866,942		18:	2,833,978		92:	2,819,444
	8:	2,864,040		132:	2,862,164			2,839,714		18:	2,820,941			2,836,787			2,844,786
	16:	2,830,241		134:	2,843,812			2,842,730			2,830,250			2,840,776		04:	2,852,732
		2,866,930		138:	2,866,144			2,864,989			2,819,672			2,844,784		109:	2,852,733
	19:	2,835,854		143:	2,848,673		338:	2,864,047			2,858,576		19:	2,861,239		114:	2,864,994
		2,843,810			2,853,668		356:	2,832,026			2,858,498		20:	2,847,635		122:	2,846,643
		2,843,811			2,858,493		357:	2,853,670		19:	2,825,864		22:	2,825,023		123:	2,837,711
		2,851,643		144:	2,833,974		361:	2,861,236			2,829,331			2,826,735	324—	.5:	2,820,944
		2,852,724			2,856,572		367:	2,814,780			2,832,927			2,829,334			2,837,712
	21:	2,862,162		145:	2,841,752		369:	2,833,975			2,858,499			2,830,252			2,841,760
	22:	2,830,242		146:	2,821,672		372:	2,829,328		20:	2,834,931			2,832,034			2,845,595
	23:	2,860,292		154:	2,860,295		397:	2,855,555		24:	2,859,398			2,832,035			2,856,579
		2,866,931		162:	2,832,023		399:	2,832,926		25:	2,837,709			2,834,933			2,858,504
23.5:		2,848,668			2,834,928		421:	2,832,027			2,816,637			2,839,717			2,859,403
	24:	2,862,163			2,839,711		433:	2,841,753			2,855,560			2,840,777			2,864,995
		2,864,041			2,866,145		436:	2,864,048			2,857,563			2,841,758	1:	Re.24,464	
	25:	2,864,042		170:	2,829,325		443:	2,855,556		26:	2,825,022			2,843,820			2,824,279
	28:	2,819,437		171:	2,845,587			2,858,496		27:	2,820,189			2,847,636			2,838,730
		2,819,438			2,852,726		445:	2,844,781			2,824,274			2,847,637			2,838,731
		2,825,017			2,863,108		446:	2,866,932			2,829,332			2,850,694			2,839,721
		2,825,859			2,864,983		447:	2,846,633			2,845,591			2,850,695			2,842,735
		2,827,602		175:	2,847,628		448:	2,826,729			2,855,561			2,853,673			2,852,734
		2,828,456		190:	2,836,778			2,829,329			2,856,577			2,854,618	2:		2,826,736
		2,829,323		194:	2,821,673			2,832,028		38:	2,835,863			2,866,151		6:	Re.24,489
		2,829,323		197:	2,824,272			2,849,671			2,846,638		23:	2,824,277		10:	2,823,349
		2,830,243			2,836,779			2,857,562			2,859,399		29:	2,847,638			2,838,732
		2,830,244		202:	2,832,024			2,859,397		44:	2,849,673		36:	2,835,864			2,821,680
		2,830,245		203:	2,823,341			2,860,298		45:	2,860,300		38:	2,832,928	13:		2,837,713
		2,832,017		207:	2,825,018		453:	2,864,049		46:	2,862,171	43.5:		2,830,253	16:		2,851,633
		2,832,924			2,831,153		455:	2,856,574		48:	Re.24,456			2,830,254			2,863,114
		2,833,970			2,843,813		466:	2,825,019			2,820,190			2,833,979		18:	2,841,761
		2,835,855			2,847,629		467:	2,821,676			2,822,513			2,839,718		20:	2,822,514
		2,835,856			2,848,674			2,823,344			2,826,732			2,843,822			2,852,735
		2,836,739			2,851,646			2,823,345			2,826,733		44:	2,866,152			2,860,302
		2,840,771			2,863,109			2,825,020			2,828,461		45:	2,830,255			2,864,996
		2,842,727			2,864,984			2,833,976			2,834,932			2,835,865	23:		2,841,762
		2,846,628		209:	2,846,631			2,840,774			2,838,728			2,839,719		24:	2,854,623
		2,846,629		210:	2,837,708			2,846,634			2,845,592			2,847,639		25:	2,820,192
		2,846,630		211:	2,828,457			2,848,677			2,848,678			2,857,564		27:	2,834,936
		2,847,625			2,839,712			2,852,727			2,851,651		46:	2,854,619		28:	2,819,445
		2,848,669			2,859,395		469:	2,825,862			2,856,577		47:	2,832,036			2,819,446
		2,849,667		212:	2,824,273		472:	2,844,782			2,858,500			2,835,866			2,826,737
		2,849,668			2,847,630		473:	2,835,860			2,859,400			2,839,720			2,828,465
		2,850,689			2,854,613		483:	2,823,346			2,860,301			2,864,992			2,831,161
		2,853,664			2,858,494		489:	2,820,188			2,863,110	53:		2,866,946			2,832,038
		2,855,551		217:	2,862,165			2,825,021			2,863,111	56:		2,831,157			2,833,983
		2,857,561		220:	2,821,674			2,827,605			2,863,112			2,834,934			2,840,780
		2,860,293			2,836,780			2,829,330			2,864,051			2,864,993			2,852,736
		2,860,294			2,842,729			2,831,155			2,864,991	60:		2,829,335			2,860,303
		2,861,232			2,843,814			2,834,929			2,866,149	61:		2,825,024			2,864,054
		2,863,107			2,864,986			2,835,861			2,868,149			2,828,463			2,866,154
		2,864,043		221:	2,823,342			2,836,783			2,828,462			2,836,788	20:		2,862,177
		2,864,044			2,826,727			2,841,754		50:	2,843,819		63:	2,850,696	29.5:		2,829,336
29:		2,820,935			2,832,925			2,842,731		50:	2,850,693		65:	2,833,980			2,833,984
		2,826,726			2,836,781			2,846,635		58:	2,820,942			2,859,402			2,853,676
		2,832,018			2,840,772			2,847,633		69:	2,830,251		66:	2,825,866			2,864,055
		2,844,774			2,844,778			2,850,692			2,836,785			2,825,867	30:		2,828,466
		2,844,775			2,847,631			2,851,645		2:	2,836,785			2,827,607			2,830,260
		2,844,776			2,860,296			2,853,671			2,851,652			2,830,256			2,830,261
		2,861,233		223:	2,864,987			2,855,557			2,858,501			2,835,867			2,832,039
30:		2,819,439		224:	2,820,938			2,855,558		23:	2,832,030			2,836,789			2,834,937
		2,820,186			2,850,690			2,862,167			2,832,031			2,838,729			2,839,722
		2,820,936		231:	2,831,154			2,862,168		24:	2,831,156			2,841,759			2,842,736
		2,820,937			2,845,588			2,862,169			2,837,710			2,842,733			2,843,823
		2,827,603		232:	2,835,859			2,864,050			2,852,731			2,846,641			2,847,641
		2,832,019			2,862,166			2,864,990		25:	2,821,678			2,854,620			2,851,654
		2,832,020			2,832,025			2,866,146			2,836,786		67:	2,828,464			2,851,655
		2,832,021		238:	2,832,025			2,866,933			2,839,715			2,830,257			2,859,404
		2,833,971		243:	2,848,675			2,866,934			2,839,716		68:	2,824,278			2,863,115
		2,835,857			2,856,573			2,866,934			2,841,755			2,834,935	33:		2,820,945
		2,848,670		244:	2,819,440			2,827,606			2,845,593			2,864,053			2,820,946
		2,848,670		248:	2,851,647		320—	1:	2,825,863		2,846,639		70:	2,825,868			2,829,337
		2,852,726			2,855,553			14:	2,835,862		2,855,562		74:	2,831,158			2,836,790
		2,855,558		254:	2,821,675			23:									

324—	37: 2,866,155	324—	78: 2,863,116	324—	154: 2,851,664	332—	51: 2,834,943	333—	30: 2,823,355	333—	97: 2,826,746
	40: 2,825,870		80: 2,853,677		2,855,567		2,861,244		2,826,744		2,828,471
	2,841,763		81: 2,853,678		2,866,160		2,862,188		2,826,745		2,833,995
	2,855,565		83: 2,838,733		2,823,353		2,862,189		2,828,470		2,854,645
41:	2,819,447		2,851,662		2,827,610		2,862,190		2,837,721		2,866,167
	2,830,263		2,855,566		2,846,649		2,863,124		2,839,731		2,822,526
	2,843,821		85: 2,863,117		2,852,744		2,827,611		2,846,654	98:	2,825,878
	2,856,580		87: 2,862,182		2,861,243		2,835,870		2,859,415		2,827,613
	2,858,505		89: 2,860,306		2,864,057		2,836,797		2,861,246		2,829,352
43:	2,822,515		92: 2,848,683		2,866,940		2,846,652		2,861,247		2,830,276
	2,832,041		95: 2,830,267		2,829,344		2,819,450		2,861,248		2,832,938
	2,834,939		2,830,268		2,837,718		2,832,053		2,821,685		2,834,949
	2,836,791		2,831,163		2,839,726		2,859,411	31:	2,831,169		2,837,723
	2,844,789		2,832,045		2,840,784		2,830,272		2,832,936		2,848,697
	2,847,642		2,837,715		2,841,768		2,854,635		2,838,735		2,850,705
	2,856,581		2,844,791		2,844,794		2,866,164		2,840,788		2,850,706
	2,861,242		2,847,645		2,847,646	333—	1: 2,822,524		2,844,799		2,856,590
51:	2,820,193		2,846,647		2,847,646		6: 2,839,729		2,850,703		2,860,311
	2,822,516		2,852,741		2,849,682		2,845,827		2,854,639		2,863,128
	2,825,025		2,853,679		2,850,699		2,850,701		2,854,640		2,864,063
	2,825,871		2,854,627		2,856,585		2,853,681		2,858,512		2,865,008
	2,830,264		2,859,406		2,858,509		2,853,682		2,830,274		2,865,009
	2,839,723		97: 2,846,650		2,859,407		2,866,165		2,835,872	336—	5: 2,821,688
	2,840,781		2,854,628		2,863,119		2,820,201		2,864,060		2,829,353
	2,841,764		98: 2,864,999		2,865,003		2,826,747		2,844,800		2,835,875
	2,848,681		99: 2,823,351		2,824,285	332—	1: 2,822,520		2,852,752		2,823,359
	2,851,657		2,824,285		2,854,629		2,824,287		2,829,347	30:	2,839,733
	2,852,737		2,854,629		2,857,568		2,839,727		2,832,937		2,846,656
	2,862,179		2,857,568		2,839,728		2,832,937		2,825,876		2,848,698
52:	2,823,350		101: 2,848,684		2,852,745		2,840,786		2,846,655		2,854,646
	2,832,042		102: 2,866,935		2,862,185		2,841,770		2,850,704		2,836,801
	2,860,304		103: 2,845,596		2,862,185		2,842,745		2,852,753		2,820,953
53:	2,829,339		2,845,597		2,829,345		2,846,653		2,829,349		2,832,939
	2,832,930		2,854,630		2,819,449		2,848,688		2,865,006		2,848,699
	2,839,724		106: 2,857,569		2,820,197		2,865,005		2,832,937		2,825,033
	2,846,644		107: 2,854,631		2,832,050		2,835,871		2,854,641		2,831,173
54:	2,834,940		108: 2,854,632		2,840,785		2,836,798		2,829,350		2,837,724
	2,837,714		109: 2,847,644		2,864,058		2,845,689		2,856,588		2,866,952
	2,852,738		110: 2,866,936		2,820,198		2,851,665		2,839,732		2,825,034
	2,866,156		111: 2,835,868		2,830,271		2,855,569		2,847,649		2,836,802
57:	2,820,194		115: 2,836,793		2,842,742		2,861,245		2,859,416		2,837,725
	2,820,195		2,852,742		2,865,004		2,866,166		2,860,310		2,823,360
	2,832,043		2,856,583		2,822,521		2,820,202		2,819,452		2,864,064
	2,832,931		2,857,570		2,822,522		2,820,203		2,820,206		2,841,772
	2,833,986		2,865,000		2,825,028		2,834,944		2,823,356		2,823,361
	2,846,645		116: 2,830,269		2,829,346		2,848,690		2,833,994		2,829,354
	2,851,658		117: 2,832,046		2,837,719		2,848,691		2,835,873		2,860,312
	2,857,566		2,836,794		2,838,734		2,849,683		2,843,828		2,848,700
	2,862,180		2,856,584		2,863,120		2,849,684		2,849,689		2,866,168
	2,864,056		2,857,571		2,863,121		2,849,685		2,851,666		2,849,690
58:	2,822,517		118: 2,854,633		2,825,873		2,849,686		2,855,573		2,863,129
58.5:	2,824,280		119: 2,833,988		2,859,408		2,854,636		2,858,513		2,859,420
	2,858,506		2,846,648		2,862,186		2,860,308		2,859,417		2,850,707
61:	2,820,196		120: 2,842,740		2,850,700		2,822,525		2,859,418		2,819,454
	2,824,281		2,854,634		2,858,510		2,831,168		2,862,191		2,822,527
	2,825,026		121: 2,843,824		2,822,523		2,833,993		2,864,061		2,826,747
	2,826,738		2,866,937		2,844,795		2,836,799		2,866,595		2,823,362
	2,829,340		122: 2,848,685		2,852,746		2,840,787		2,866,951		2,862,192
	2,836,792		123: 2,863,118		2,853,680		2,849,688		2,845,600		2,822,528
	2,842,738		2,866,938		2,863,122		2,853,683		2,854,642		2,856,591
	2,849,675		127: 2,831,164		2,847,647		2,855,688		2,835,874		2,860,313
	2,852,739		2,834,941		2,842,739		2,854,637		2,841,771		2,866,953
	2,856,582		2,842,739		128: 2,832,047		2,854,638		2,844,801		2,836,803
62:	2,821,681		130: 2,860,307		131: 2,841,766		2,860,309		2,855,574		2,862,193
	2,822,518		2,825,027		2,849,679		2,866,949		2,852,754		2,823,363
	2,825,027		2,830,265		2,866,939		2,845,598		2,855,575		2,838,737
	2,830,265		2,841,765		132: 2,824,286		2,866,162		2,864,062		2,844,804
	2,846,646		2,866,948		137: 2,862,183		2,841,769		2,820,951		2,820,954
	2,866,948		2,854,626		138: 2,830,270		2,825,029		2,820,952		2,837,726
64:	2,824,282		2,821,682		2,832,048		2,857,574		2,821,687		2,835,876
	2,824,283		2,824,282		2,836,795		2,864,059		2,825,877		2,840,789
	2,829,341		2,830,266		2,849,680		2,858,508		2,830,275		2,851,667
	2,830,266		2,848,682		2,852,743		2,832,934		2,834,946		2,864,066
	2,848,682		2,849,676		2,852,740		2,837,720		2,842,747		2,836,805
	2,852,740		2,862,181		2,862,184		2,839,720		2,842,748		2,838,738
	2,862,181		2,822,519		2,866,159		2,836,809		2,848,693		2,866,954
66:	2,829,342		2,831,162		2,837,716		2,855,568		2,853,687		2,859,421
	2,831,162		2,832,044		2,843,825		2,858,511		2,853,688		2,840,790
	2,832,044		2,844,790		2,851,663		2,862,187		2,854,643		2,826,748
	2,844,790		2,860,305		2,841,767		2,845,599		2,856,589		2,844,803
	2,860,305		2,866,157		2,865,001		2,848,686		2,865,007		2,850,708
	2,866,157		70: 2,824,284		2,819,448		2,866,163		2,837,722		2,827,615
	2,833,987		2,833,987		2,842,741		2,855,571		2,848,694		2,850,709
	2,825,872		71: 2,825,872		2,849,681		2,855,572		2,849,691		2,827,614
	2,847,643		2,827,612		2,857,572		2,833,991		2,854,644		2,837,727
	2,820,947		72: 2,820,947		2,820,948		2,836,809		2,859,419		2,862,195
72.5:	2,851,659		73: 2,849,677		2,833,989		2,837,720		2,819,453		2,855,576
	2,849,678		2,851,660		2,840,782		2,850,702		2,824,289		2,829,355
	2,858,507		2,856,507		2,865,002		2,855,570		2,827,612		2,822,529
	2,821,683		77: 2,821,683		2,826,739		2,866,941		2,831,171		2,866,955
	2,851,661		2,857,567		2,826,740		2,848,687		2,838,736		2,827,616
	2,859,405		2,859,405		2,834,942		2,852,749		2,845,601		2,847,650
	2,828,468		2,839,725		2,836,796		2,856,587		2,829,351		2,843,829
					2,831,165		2,842,744		2,848,695		2,847,651
					2,832,932		2,859,410		2,848,696		2,863,130
					2,837,717		2,832,935		2,849,692		2,858,514
					2,844,793		2,847,648		2,831,172		2,830,277
							2,859,414		2,849,693		2,845,602
									2,823,358		2,849,695

336—	212:	2,829,356	339—	176:	2,832,941	340—	10:	2,831,175	340—	166:	2,849,703	340—	174:	2,857,585	340—	266:	2,825,897	
		2,849,696		183:	2,825,882			2,832,058		167:	2,865,018			2,857,586		267:	Re.24,491	
	220:	2,825,035			2,857,580		13:	2,824,292		171:	2,842,753			2,858,524		268:	2,821,698	
	232:	2,850,709			2,857,581		15:	2,825,885		172:	2,831,178			2,858,525			2,825,049	
339—	2:	2,833,996		185:	2,828,474			2,825,886			2,843,839			2,858,526			2,828,481	
		2,864,067		191:	2,823,364			2,826,750		173:	2,823,368			2,859,429			2,834,010	
	5:	2,820,207			2,830,280			2,827,729			2,837,369			2,860,323		270:	2,826,754	
		2,832,056			2,833,998			2,838,742			2,832,370			2,861,258		274:	2,824,300	
		2,843,830		102:	2,832,942			2,838,743			2,832,061			2,861,259			2,838,747	
		2,854,647			2,855,579			2,841,777			2,834,005			2,862,198			2,859,430	
	8:	2,832,940		193:	2,829,359			2,846,661			2,839,738			2,862,199		276:	2,821,699	
	12:	2,828,472			2,840,793			2,846,662			2,843,840			2,863,133			2,838,748	
	14:	2,855,577			2,844,807			2,858,523			2,839,739			2,863,134			2,843,843	
		2,861,249			2,850,714			2,864,072			2,843,841			2,863,135			2,852,766	
	16:	2,857,576			2,860,318		16:	2,825,043			2,846,666			2,863,136			2,855,588	
		2,859,422			2,861,252			2,837,730			2,848,708			2,863,137		279:	2,848,712	
	17:	2,825,036			2,863,131			2,831,177			2,848,709			2,863,138		281:	2,835,887	
		2,825,037			2,866,171		17:	2,837,731			2,850,719			2,864,076		282:	2,820,959	
		2,825,038		194:	2,857,582			2,842,752			2,853,695			2,864,077			2,825,050	
		2,830,278			2,858,519			2,856,594			2,853,696			2,864,078			2,847,663	
		2,854,689		195:	2,866,172			2,864,073			2,853,697			2,866,177		283:	2,851,680	
		2,857,577		198:	2,820,211			2,825,044		18:	2,854,652			2,866,178		310:	2,860,324	
		2,858,515			2,825,041			2,841,778			2,854,653			2,866,179		312:	2,838,749	
	18:	2,860,314			2,830,281			2,847,655			2,859,428		177:	2,845,612		321:	2,825,898	
	19:	2,825,879			2,841,773		19:	2,826,751			2,860,322			2,862,200			2,838,750	
		2,835,877			2,846,659			2,828,476			2,866,176			2,866,180			2,841,781	
	21:	2,856,592			2,848,704			2,852,756		174:	Re.24,494					324:	2,845,615	
	34:	2,866,956			2,849,698		22:	2,829,362			2,819,456		183:	2,835,883			2,850,723	
	36:	2,851,668			2,849,699			2,849,701			2,820,216			2,845,613			2,859,431	
		2,855,578			2,849,700			2,859,426			2,820,956			2,852,763			2,866,182	
		2,861,250			2,855,580			2,832,059			2,822,531			2,863,139		325:	2,852,767	
	37:	2,844,805			2,857,583		25:	2,843,834			2,822,532		187:	2,825,893		345:	2,838,751	
	45:	2,847,652			2,866,958			2,821,695			2,822,533			2,837,733			2,845,616	
		2,848,701		200:	2,848,705		27:	2,821,695			2,823,371			2,847,660		346:	2,850,725	
		2,853,690			2,851,672			2,845,607			2,823,372			2,855,587		347:	2,827,626	
	47:	2,838,739		202:	2,866,173			2,820,955		35:	2,824,294		199:	2,843,842			2,828,482	
	49:	2,824,290		213:	2,863,132			2,832,060			2,825,046		200:	2,848,710			2,831,184	
	54:	2,850,710		217:	2,834,951		40:	2,826,752			2,825,047		203:	2,832,067			2,832,070	
	55:	2,857,578			2,861,253		41:	2,834,001			2,825,890		204:	2,839,740			2,834,011	
	60:	2,866,957		218:	2,855,581		49:	2,823,366			2,825,891			2,852,764			2,839,744	
	61:	2,821,689		220:	2,840,794			2,850,716			2,825,892		207:	2,848,711			2,840,806	
		2,829,357		222:	2,848,706		50:	2,846,663			2,827,622		209:	2,846,674			2,845,617	
	62:	2,850,711		225:	2,819,455		52:	2,823,367			2,827,623		210:	2,835,885			2,850,726	
	64:	2,864,068			2,846,660			2,824,293			2,828,477		212:	2,847,661			2,853,699	
	72:	2,835,878		228:	2,865,012			2,825,887			2,828,478		213:	2,820,217			2,854,657	
	75:	2,851,669		231:	2,860,319			2,847,656			2,830,285			2,824,295			2,856,597	
		2,851,670		232:	2,866,959			2,852,757			2,831,179			2,825,894			2,858,530	
		2,858,517		237:	2,841,774			2,862,196			2,831,180			2,831,181			2,859,432	
		2,860,315		239:	2,860,320		54:	2,820,215			2,832,062			2,832,068			2,860,325	
		2,864,069		241:	2,858,520		58:	2,822,530			2,832,063			2,832,946			2,860,326	
89:		2,828,473		244:	2,844,808			2,846,664			2,832,064			2,832,947			2,862,201	
		2,843,831		248:	2,859,424			2,860,321			2,832,065			2,832,948			2,866,183	
		2,860,316		252:	2,832,943		59:	2,855,582			2,832,066			2,839,741			2,866,184	
90:		2,833,997			2,853,691		60:	2,857,584			2,832,945			2,840,802			2,832,951	
		2,848,702		253:	2,825,042		61:	2,834,002			2,834,004			2,845,614		348:	2,844,815	
91:		2,829,358		255:	2,858,521		63:	2,839,736			2,834,006			2,858,528		354:	2,854,658	
		2,843,832		258:	2,820,212		74:	2,831,176			2,835,881		220:	2,820,957		357:	2,832,071	
		2,847,653			2,821,693			2,835,879			2,835,882		227:	2,820,218		359:	2,864,079	
	92:	2,825,039			2,822,529			2,852,758			2,838,745			2,822,534		365:	2,836,809	
		2,866,169			2,825,883			2,854,649			2,838,746			2,832,949			2,861,262	
		2,845,603		262:	2,866,174			2,864,074			2,840,798			2,834,008			2,866,185	
		2,845,604		263:	2,836,806			2,866,175			2,840,799			2,834,009			2,825,899	
93:		2,832,057		264:	2,858,522			2,867,175			2,840,800		228:	2,829,363			2,846,675	
		2,843,833		265:	2,866,960		75:	2,830,284			2,840,801			2,835,886			2,856,598	
	95:	2,865,010		270:	2,830,282		81:	2,825,045			2,842,754			2,842,758			2,866,186	
	96:	2,858,518			2,859,425			2,835,880			2,842,755		229:	2,842,758			2,866,964	
	97:	2,827,617		272:	2,865,013			2,840,796			2,842,756		233:	2,827,624			2,825,051	
		2,859,423		275:	2,820,213			2,843,835			2,842,757			2,830,286		367:	2,825,051	
	99:	2,864,070			2,836,807			2,845,608			2,844,812		234:	2,820,958			2,826,755	
		2,866,170			2,852,755			2,846,665			2,845,609		236:	2,834,953			2,839,745	
100:		2,825,040		276:	Re.24,510			2,851,673			2,845,610		239:	2,828,479			2,847,665	
103:		2,850,712			2,845,606		84:	2,838,744			2,845,611		242:	2,839,742			2,851,679	
105:		2,857,579			2,854,648			2,850,717			2,846,667		244:	2,825,895			2,852,768	
108:		2,831,174						2,855,583			2,846,668			2,863,140			2,857,588	
		2,846,658		340—	2:	2,828,475		87:	2,825,888			2,846,669		248:	2,834,954			2,860,328
					2,838,741			2,843,836			2,846,670			2,857,587			2,860,329	
109:		2,821,690		3:	2,821,694			2,844,810			2,846,671			2,858,529			2,866,187	
		2,834,950			2,825,884		106:	2,851,674			2,846,672		249:	2,830,808			2,866,188	
		2,864,071			2,827,619			2,854,650			2,846,673			2,844,813		368:	2,819,458	
112:		2,838,740			2,839,734		120:	2,852,759			2,847,657		250:	2,821,697			2,843,844	
113:		2,848,703			2,841,775		147:	2,850,718			2,847,658		251:	2,834,009			2,866,189	
116:		2,820,268			2,861,254			2,853,693			2,847,659			2,844,814		369:	2,819,459	
		2,825,880			2,861,255			2,853,694			2,849,704		252:	2,822,535			2,837,734	
		2,844,806			2,855,014			2,864,075			2,849,705			2,825,896			2,845,618	
125:		2,820,209		4:	2,841,776		</											

343—	5: 2,841,782 2,851,681 2,858,531 6: 2,825,054 2,831,185 2,842,759 2,842,760 2,845,619 2,861,263 6.5: 2,824,301 7: 2,825,055 2,839,747 2,853,700 7.3: 2,836,810 2,840,783 2,846,676 2,849,706 2,849,707 2,854,661 2,860,330 2,866,966 7.4: 2,821,701 7.7: 2,821,702 2,840,808 2,842,761 2,853,701 2,853,702 2,855,589 7.9: 2,821,703 8: 2,836,811 2,842,762 2,847,666 2,848,713 2,855,590 2,856,599 2,857,590 2,859,433 2,859,434 2,859,435 2,865,019 9: 2,859,436 2,860,331 2,865,020 2,866,190 11: 2,819,461 2,822,536 2,822,537 2,823,374 2,824,302 2,830,287 2,832,073 2,832,953 2,836,812 2,837,735 2,839,748 2,840,809 2,845,620 2,849,708 2,853,703 2,855,591 2,855,592 2,855,593 2,858,532 2,859,437 2,859,438 2,860,332 2,862,202 2,866,191 2,866,967 12: 2,837,736	343—	12: 2,866,192 13: 2,823,375 2,837,737 2,838,752 2,842,763 2,845,621 2,850,727 2,854,662 2,857,591 14: 2,825,056 2,834,956 2,842,764 2,866,193 15: 2,820,961 2,821,704 2,857,592 2,825,057 16: 2,830,288 2,839,352 2,845,622 2,847,667 2,858,533 17.1: 2,822,538 2,832,954 2,841,783 2,841,784 2,852,769 2,856,600 2,860,333 17.7: 2,825,058 2,830,289 2,830,290 2,836,813 2,840,810 2,841,785 2,852,770 2,852,771 2,854,663 2,857,593 2,860,334 18: 2,822,539 2,823,376 2,828,484 2,840,811 2,841,786 2,850,728 2,862,203 2,825,900 100: 2,831,186 2,836,814 2,848,714 2,852,772 2,862,204 2,866,968 101: 2,821,705 2,841,787 2,841,788 102: 2,854,664 103: 2,819,462 2,823,377 2,824,303 2,835,888 2,855,594 2,857,594 105: 2,820,962 2,828,485 2,838,753 2,839,749 2,843,846	343—	105: 2,844,816 2,850,729 2,851,682 2,855,595 2,855,596 2,856,601 106: 2,829,364 2,836,815 2,846,677 2,851,683 2,852,773 2,859,439 2,864,080 107: 2,823,378 2,834,957 2,845,623 2,847,668 2,853,704 2,860,335 2,863,142 108: 2,822,540 2,830,291 2,859,440 112: 2,824,304 2,836,816 2,837,738 2,844,817 2,864,081 113: 2,851,684 2,853,705 2,861,264 114: 2,837,739 2,866,969 115: 2,839,750 117: 2,830,292 2,836,817 2,855,597 118: 2,820,219 2,825,901 2,840,812 120: 2,820,963 2,831,187 2,840,813 2,850,730 2,860,336 121: 2,829,365 2,840,814 2,843,847 178: 2,851,685 180: 2,854,665 200: 2,835,889 2,840,815 203: 2,866,970 207: 2,839,751 228: 2,837,740 701: 2,855,598 702: 2,837,741 705: 2,821,706 2,858,534 707: 2,823,379 708: 2,820,964 2,826,756 2,845,624 712: 2,859,441 715: 2,840,816 717: 2,863,143 720: 2,836,818 2,850,731	343—	721: 2,860,337 723: 2,834,012 725: 2,866,194 726: 2,834,013 2,842,765 727: 2,846,678 2,847,669 745: 2,839,752 749: 2,820,220 2,837,742 2,841,789 750: 2,854,667 751: 2,834,958 752: 2,850,732 753: 2,820,221 2,856,604 754: 2,835,890 2,835,891 2,836,822 2,866,972 755: 2,820,965 756: 2,821,707 2,825,059 2,825,060 2,858,535 2,863,144 2,864,083 757: 2,831,188 760: 2,840,817 763: 2,848,715 2,849,710 765: 2,825,052 2,850,733 766: 2,835,892 2,861,265 767: 2,821,708 2,841,790 2,844,818 2,852,775 2,863,145 769: 2,834,959 2,838,754 770: 2,825,061 2,840,818 2,863,146 771: 2,834,014 2,849,711 775: 2,842,766 2,846,679 776: 2,823,380 2,824,305 2,832,955 780: 2,825,062 781: 2,828,486 2,829,366 2,840,819 2,842,767 782: 2,836,823 2,848,716 783: 2,822,541 785: 2,822,542 786: 2,834,960 2,851,686 787: 2,841,791 2,863,147 788: 2,824,306 2,852,776 789: 2,848,717	343—	789: 2,860,338 792: 2,861,266 793: 2,821,709 795: 2,836,824 2,860,339 797: 2,823,381 802: 2,836,819 803: Re.24,413 2,850,734 2,866,195 2,866,196 805: 2,843,848 2,849,712 806: 2,821,710 2,827,628 2,856,604 807: 2,856,605 808: 2,819,463 810: 2,854,666 815: 2,864,084 819: 2,821,711 2,832,956 2,841,792 821: 2,847,670 822: 2,860,340 2,861,267 833: 2,847,671 837: 2,825,063 838: 2,846,680 839: 2,836,820 840: 2,850,735 841: 2,852,774 843: 2,860,341 844: 2,831,189 850: 2,829,367 2,851,687 854: 2,821,712 2,831,190 2,836,821 2,834,961 860: 2,820,222 861: 2,855,599 867: 2,823,382 872: 2,854,668 874: 2,844,819 876: 2,834,015 2,838,755 877: 2,842,768 878: 2,827,629 2,830,293 880: 2,853,706 881: 2,860,342 889: 2,846,681 895: 2,835,893 2,847,672 2,863,148 2,866,197 901: 2,866,198 902: 2,861,268 909: 2,834,962 2,840,820 2,841,793 910: 2,849,713 912: 2,838,756 915: 2,832,957 346—	346—	8: 2,857,234 14: 2,847,268 17: 2,847,269 2,847,270 18: 2,823,091 22: 2,838,359 31: 2,849,272 32: 2,835,549 33: 2,853,356 34: 2,823,974 2,825,620 2,830,865 2,863,710 46: 2,837,397 66: 2,822,233 2,830,866 74: 2,819,940 2,820,688 2,824,776 2,825,621 2,827,355 2,829,025 2,830,867 2,836,479 2,838,360 2,840,440 2,841,461 2,843,446 2,844,434 2,846,288 2,850,348 2,851,326 2,853,357 2,854,310 2,856,256 2,858,181 2,858,182 2,859,084 2,862,781 2,863,711 2,863,712 78: 2,849,273 79: 2,851,327 2,864,661 80: 2,850,349 83: 2,824,777 2,838,361 86: 2,832,662 87: 2,819,939 101: 2,819,941 2,833,611 107: 2,819,942 2,862,782 108: 2,840,441 109: 2,852,330 110: 2,843,447 111: 2,856,257 116: 2,842,421 136: 2,825,622 138: 2,851,328 2,861,862 139: 2,829,942 2,850,350 2,853,358 2,860,028 140: 2,820,689 2,829,026 141: 2,828,179 146: 2,860,029
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1958

CLASSIFICATION OF DESIGNS

NOTE.—First number=class, second number=subclass, third number=patent number

D 1— 2: 184,055 7: 182,634 183,819 8: 181,830 12: 182,140 182,682 182,865 183,186 183,316 184,074 184,170	D 4— 2: 183,386 184,171 3: 181,876 182,034 182,041 182,062 182,104 182,150 182,161 182,197 182,208 182,267 182,391 182,410 182,677 182,759 182,761 182,788 183,072 183,532 183,678 183,715 183,778	D 9— 2: 183,178 183,192 183,225 183,487 183,522 183,539 183,543 183,552 183,705 183,721 183,783 183,800 183,872 183,913 183,961 184,023 6: 181,903 181,977 182,070 182,477 182,619 182,917 183,033 183,475 184,046	D14— 3: 181,849 181,857 181,872 181,885 181,890 181,914 181,915 181,925 181,980 181,997 181,998 182,011 182,072 182,101 182,120 182,128 182,147 182,180 182,206 182,217 182,262 182,288 182,295 182,298 182,317 182,368 182,373 182,386 182,392 182,416 182,421 182,438 182,478 182,483 182,492 182,505 182,506 182,526 182,538 182,606 182,651 182,685 182,692 182,716 182,859 182,864 182,877 182,888 182,958 182,998 183,059 183,105 183,135 183,153 183,174 183,179 183,187 183,195 183,208 183,242 183,266 183,289 183,345 183,367 183,419 183,425 183,479 183,494 183,498 183,515 183,550 183,571 183,621 183,632 183,633 183,653 183,781 183,816 183,852 183,908 183,915 183,949 183,950 183,955 183,960 184,018 184,019	D14— 3: 184,025 184,037 184,152 184,159 184,160 184,169 6: 181,851 181,926 181,943 181,944 181,952 182,043 182,049 182,108 182,137 182,175 182,176 182,214 182,271 182,296 182,316 182,382 182,417 182,435 182,453 182,598 182,681 182,783 182,870 182,988 183,103 183,145 183,149 183,189 183,194 183,497 183,548 183,769 183,831 183,861 183,869 183,943 184,038 184,148 184,149 184,198 14: 183,651 183,802 17: 183,169 183,722 18: 182,115 182,261 182,408 182,445 182,470 183,012 183,378 183,470 183,527 183,509 183,619 183,636 183,704 27: 182,559 182,705 183,044 183,547 184,043 30: 182,131 182,224 182,237 182,247 182,253 182,268 182,671 182,802 182,807 182,851 182,932 183,147 183,166 183,209 183,326 183,332 183,454 D15— 1: 181,870	D15— 1: 181,895 181,928 181,933 181,945 181,946 181,975 181,995 182,052 182,125 182,178 182,181 182,183 182,211 182,245 182,252 182,331 182,411 182,426 182,427 182,428 182,436 182,474 182,591 182,642 182,710 182,729 182,730 182,740 182,748 182,790 182,804 182,805 182,888 183,009 183,240 183,241 183,281 183,287 183,321 183,416 183,417 183,437 183,440 183,455 183,478 183,606 183,607 183,618 183,624 183,722 183,740 183,743 183,768 183,790 183,887 183,958 184,040 184,111 184,187 184,188 184,189 184,192 184,202 3: 182,954 182,955 183,181 6: 182,182 184,050 8: 181,852 181,868 181,923 182,024 182,038 182,061 182,063 182,064 182,174 182,213 182,388 182,553 182,647 182,750 182,801 182,902 183,233 183,364 183,365	D15— 8: 183,407 183,438 183,439 183,444 183,481 183,536 183,691 183,838 184,081 11: 181,932 181,989 182,082 182,177 182,284 182,497 182,644 182,655 182,797 182,813 182,842 182,844 182,895 182,901 183,284 183,286 183,413 183,508 183,605 183,772 183,814 D16— 1: 183,353 183,528 183,529 2: 181,840 181,854 182,362 182,425 183,520 D17— 1: 182,071 183,338 183,376 183,727 183,959 184,191 3: 184,143 6: 182,845 7: 183,259 12: 183,025 183,864 14: 182,631 D18— 2: 181,900 183,256 183,317 183,531 183,566 183,697 183,648 183,697 183,707 183,708 D19— 1: 183,868 183,878 183,984 D20— 2: 182,803 183,340 183,358 D21— 1: 181,834 182,928 182,929 182,933 182,934 183,409 6: 181,937 181,938 181,939 D22— 2: 181,859 181,862 182,542 182,937 183,077 183,397 184,044
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D22— 2: 184, 045 3: 181, 941 181, 942 182, 039 182, 047 182, 106 182, 290 182, 291 182, 292 182, 293 182, 307 182, 308 182, 309 182, 320 182, 322 182, 512 182, 827 182, 848 182, 935 183, 865 183, 898 183, 899 5: 182, 861 183, 391 6: 181, 930 D23— 1: 181, 940 183, 652 D24— 1: 182, 111 183, 891 184, 180 184, 182 D25— 1: 184, 042 D26— 1: 182, 185 182, 630 182, 652 182, 815 182, 942 183, 079 183, 273 183, 432 183, 662 183, 821 183, 842 183, 843 183, 844 183, 969 183, 976 5: 182, 010 182, 151 182, 263 182, 698 182, 796 182, 814 183, 173 183, 435 183, 436 183, 438 183, 445 183, 549 183, 593 183, 659 183, 770 183, 832 183, 914 183, 924 183, 925 183, 926 183, 928 184, 048 184, 063 6: 182, 109 183, 359 7: 182, 029 182, 209 182, 931 183, 855 8: 181, 874 13: 181, 924 182, 058 182, 769 182, 770 182, 879 183, 100 183, 264 183, 337 183, 395 183, 396 183, 430 183, 602 183, 700 183, 792 183, 811 183, 812 183, 813 183, 879 183, 904 183, 964 14: 181, 855 181, 927 182, 194 182, 230 182, 231 182, 351 182, 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LIST OF PATENT, DESIGN, PLANT PATENT, AND REISSUE NUMBERS APPEARING IN THE OFFICIAL GAZETTE FOR 1958

Issue of	Vol.	No.	First Number in Issue			
			Patents	Designs	Plant Patents	Reissues
Jan. 7.....	726	1	2, 818, 567	181, 829	1, 672	24, 413
Jan. 14.....		2	2, 819, 464	181, 893	1, 674	24, 415
Jan. 21.....		3	2, 820, 223	181, 918	1, 675	24, 418
Jan. 28.....		4	2, 820, 966	181, 952	1, 676	24, 420
Feb. 4.....	727	1	2, 821, 713	182, 012	1, 677	24, 422
Feb. 11.....		2	2, 822, 543	182, 056	1, 681	24, 427
Feb. 18.....		3	2, 823, 383	182, 097	1, 683	24, 432
Feb. 25.....		4	2, 824, 307	182, 153	None	24, 435
Mar. 4.....	728	1	2, 825, 064	182, 217	None	24, 439
Mar. 11.....		2	2, 825, 902	182, 266	1, 686	24, 442
Mar. 18.....		3	2, 826, 757	182, 322	1, 691	None
Mar. 25.....		4	2, 827, 630	182, 347	None	24, 445
Apr. 1.....	729	1	2, 828, 487	182, 394	None	24, 448
Apr. 8.....		2	2, 829, 369	182, 450	1, 694	24, 451
Apr. 15.....		3	2, 830, 294	182, 491	1, 695	24, 457
Apr. 22.....		4	2, 831, 191	182, 560	None	24, 461
Apr. 29.....		5	2, 832, 074	182, 636	1, 697	24, 465
May 6.....	730	1	2, 832, 959	182, 702	1, 698	24, 468
May 13.....		2	2, 834, 016	182, 753	1, 700	None
May 20.....		3	2, 834, 963	182, 782	1, 709	24, 472
May 27.....		4	2, 835, 894	182, 868	1, 711	24, 477
June 3.....	731	1	2, 836, 826	182, 943	1, 714	24, 479
June 10.....		2	2, 837, 743	182, 986	1, 716	24, 483
June 17.....		3	2, 838, 757	183, 036	None	24, 487
June 24.....		4	2, 839, 753	183, 077	1, 719	24, 492
July 1.....	732	1	2, 840, 821	183, 113	1, 722	24, 495
July 8.....		2	2, 841, 794	183, 154	1, 723	24, 498
July 15.....		3	2, 842, 769	183, 191	1, 730	24, 503
July 22.....		4	2, 843, 849	183, 233	1, 733	24, 505
July 29.....		5	2, 844, 820	183, 272	1, 734	24, 508
Aug. 5.....	733	1	2, 845, 625	183, 296	None	24, 510
Aug. 12.....		2	2, 846, 682	183, 338	1, 740	24, 513
Aug. 19.....		3	2, 847, 673	183, 379	1, 743	24, 520
Aug. 26.....		4	2, 848, 718	183, 415	1, 744	24, 523
Sept. 2.....	734	1	2, 849, 714	183, 444	1, 746	24, 528
Sept. 9.....		2	2, 850, 736	183, 475	1, 747	24, 531
Sept. 16.....		3	2, 851, 688	183, 506	1, 749	24, 533
Sept. 23.....		4	2, 852, 777	183, 552	1, 753	24, 537
Sept. 30.....		5	2, 853, 707	183, 593	None	24, 542
Oct. 7.....	735	1	2, 854, 669	183, 643	1, 758	24, 545
Oct. 14.....		2	2, 855, 600	183, 671	1, 759	24, 549
Oct. 21.....		3	2, 856, 606	183, 710	None	24, 552
Oct. 28.....		4	2, 857, 595	183, 784	1, 766	24, 555
Nov. 4.....	736	1	2, 858, 537	183, 821	1, 768	24, 559
Nov. 11.....		2	2, 859, 442	183, 871	1, 769	24, 560
Nov. 18.....		3	2, 860, 343	183, 907	1, 771	24, 567
Nov. 25.....		4	2, 861, 269	183, 956	1, 773	24, 570
Dec. 2.....	737	1	2, 862, 205	183, 999	1, 775	24, 572
Dec. 9.....		2	2, 863, 149	184, 035	1, 777	24, 573
Dec. 16.....		3	2, 864, 085	184, 078	None	24, 575
Dec. 23.....		4	2, 865, 021	184, 117	1, 781	24, 580
Dec. 30.....		5	2, 866, 199	184, 161	1, 786	24, 583
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LIST OF DISCLAIMERS

- Appleton, William C., West Chester, Pa., and William H. Michael, Wilmington, Del. Dedication filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,810,281; dedication filed Apr. 2, 1958; v. 729; p. 967.
- Bachlotte, Maurice R., Old Hickory, Tenn. Disclaimer filed by the assignee, E. I. du Pont de Nemours & Company. No. 2,328,541; disclaimer filed May 28, 1958; v. 732; p. 1.
- Bebry, Peter P., Jamaica, N. Y. Disclaimer filed by the assignee, Bebry Bedding Corporation. No. 2,624,888; disclaimer filed Nov. 25, 1958; v. 737; p. 1101.
- Biggle, Laurence C., Altadena, Calif. Disclaimer filed by the assignee, General Controls Co. No. 2,774,564; disclaimer filed Aug. 1, 1958; v. 734; p. 1091.
- Blake, Francis G., Jr., Fullerton, Calif. Disclaimer filed by the assignee, California Research Corporation. No. 2,771,961; disclaimer filed Apr. 2, 1958; v. 729; p. 968.
- Bochan, John, Louisville, Ky. Disclaimer filed by the assignee, General Electric Company. No. 2,792,701; disclaimer filed Feb. 3, 1958; v. 728; p. 225.
- Brinen, Howard F., and Fred M. Young, Racine, Wis. Disclaimer filed by the assignee, Young Radiator Company. No. 2,677,394; disclaimer filed Oct. 3, 1958; v. 735; p. 807.
- Cantley, Joseph Clifford, Beverly, Mass. Disclaimer filed by the assignee, United Shoe Machinery Corporation. No. 2,694,818; disclaimer filed Feb. 14, 1958; v. 728; p. 687.
- Cass, William E., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,683,131; disclaimer filed Aug. 26, 1958; v. 735; p. 251.
- Christensen, Lloyd A., Lowell C. Christensen, William A. Christensen, and Weston W. Christensen, Lohrville, Iowa. Disclaimer filed by the inventors. Des. No. 183,038; disclaimer filed June 30, 1958; v. 733; p. 289.
- Cislak, Francis E., Indianapolis, Ind. Disclaimer filed by the inventor and the assignee, Reilly Tar & Chemical Corporation. No. 2,750,392; disclaimer filed Oct. 30, 1958; v. 737; p. 1.
- Dickinson, Arthur H., Greenwich, Conn. Disclaimer filed by the assignee, International Business Machines Corporation. No. 2,702,666; disclaimer filed Oct. 16, 1958; v. 736; p. 495.
- Dusenbury, Theodore P., Los Angeles, Calif. Disclaimer filed by the assignee, Burroughs Corporation. No. 2,819,067; disclaimer filed Jan. 16, 1958; v. 727; p. 441.
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